TELECOMMUNICATIONS LICENSE AGREEMENT

By and Between

CITY OF CARSON

and

CROWN CASTLE FIBER LLC

TELECOMMUNICATIONS LICENSE AGREEMENT BETWEEN THE CITY OF CARSON AND CROWN CASTLE FIBER LLC

THIS TELECOMMUNIO	CATIONS LICENS	SE AGREEMENT (herein	"Agreement") is
made and entered into this	_day of	, 2024 by and between	een the CITY OF
CARSON, a California municipa	al corporation ("Ci	ty") and CROWN CASTL	E FIBER LLC, a
New York limited liability compa	any authorized to co	onduct business in Californi	a ("Consultant").
City and Consultant are sometim	es hereinafter indiv	idually referred to as "Party	y" and hereinafter
collectively referred to as the "Pa	ırties.''	·	

RECITALS

- A. City has sought, by issuance of RFP No. 23-049 Dark Fiber Leases and/or Dark Fiber Indefeasible Right of Use (IRU), the performance of the services defined and described particularly in Article 1 of this Agreement.
- B. After City received no proposals in response to RFP No. 23-049, as permitted under Section 2611(b)(3) of the City's Municipal Code which states "if no proposals are received, procurement may proceed without further compliance with competitive proposal requirements," Consultant was selected by the City on an informal basis to provide services detailed in RFP No. 23-049 following submission of a proposal by Consultant for the performance of the services defined and described particularly in Article 1 of this Agreement.
- C. Pursuant to the City of Carson's Municipal Code, City has authority to enter into and execute this Agreement.
- D. The Parties desire to formalize the selection of Consultant for performance of those services defined and described particularly in Article 1 of this Agreement and desire that the terms of that performance be as particularly defined and described herein.

OPERATIVE PROVISIONS

NOW, THEREFORE, in consideration of the mutual promises and covenants made by the Parties and contained herein and other consideration, the value and adequacy of which are hereby acknowledged, the parties agree as follows:

ARTICLE 1. SERVICES OF CONSULTANT

1.1 <u>Scope of Services.</u>

In compliance with all terms and conditions of this Agreement, the Consultant shall provide those services specified in the "Scope of Services" attached hereto as <u>Exhibit "A"</u> and incorporated herein by this reference, which may be referred to herein as the "services" or "work" hereunder. As a material inducement to the City entering into this Agreement, Consultant represents and warrants that it has the qualifications, experience, and facilities necessary to properly perform the services required under this Agreement in a thorough, competent, and professional manner, and is experienced in performing the work and services contemplated herein. Consultant shall at all times

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faithfully, competently and to the best of its ability, experience and talent, perform all services described herein. Consultant covenants that it shall follow the highest professional standards in performing the work and services required hereunder and that all materials will be both of good quality as well as fit for the purpose intended. For purposes of this Agreement, the phrase "highest professional standards" shall mean those standards of practice recognized by one or more first-class firms performing similar work under similar circumstances.

1.2 <u>Consultant's Proposal.</u>

The Scope of Service shall include the Consultant's scope of work or bid which shall be incorporated herein by this reference as though fully set forth herein. In the event of any inconsistency between the terms of such proposal and this Agreement, the terms of this Agreement shall govern.

1.3 Compliance with Law.

Consultant shall keep itself informed concerning, and shall render all services hereunder in accordance with, all ordinances, resolutions, statutes, rules, and regulations of the City and any Federal, State or local governmental entity having jurisdiction in effect at the time service is rendered.

1.4 Licenses, Permits, Fees and Assessments.

Consultant shall obtain at its sole cost and expense such licenses, permits and approvals as may be required by law for the performance of the services required by this Agreement. Consultant shall have the sole obligation to pay for any fees, assessments and taxes, plus applicable penalties and interest, which may be imposed by law and arise from or are necessary for the Consultant's performance of the services required by this Agreement, and shall indemnify, defend and hold harmless City, its officers, employees or agents of City, against any such fees, assessments, taxes, penalties or interest levied, assessed or imposed against City hereunder.

1.5 <u>Familiarity with Work.</u>

By executing this Agreement, Consultant warrants that Consultant (i) has thoroughly investigated and considered the scope of services to be performed, (ii) has carefully considered how the services should be performed, and (iii) fully understands the facilities, difficulties and restrictions attending performance of the services under this Agreement. If the services involve work upon any site, Consultant warrants that Consultant has or will investigate the site and is or will be fully acquainted with the conditions there existing, prior to commencement of services hereunder. Should the Consultant discover any latent or unknown conditions, which will materially affect the performance of the services hereunder, Consultant shall immediately inform the City of such fact and shall not proceed except at Consultant's risk until written instructions are received from the Contract Officer.

1.6 <u>Care of Work.</u>

The Consultant shall adopt reasonable methods during the life of the Agreement to furnish continuous protection to the work, and the equipment, materials, papers, documents, plans, studies

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and/or other components thereof to prevent losses or damages, and shall be responsible for all such damages, to persons or property, until acceptance of the work by City, except such losses or damages as may be caused by City's own negligence.

1.7 <u>Further Responsibilities of Parties.</u>

Both parties agree to use reasonable care and diligence to perform their respective obligations under this Agreement. Both parties agree to act in good faith to execute all instruments, prepare all documents and take all actions as may be reasonably necessary to carry out the purposes of this Agreement. Unless hereafter specified, neither party shall be responsible for the service of the other.

1.8 Additional Services.

City shall have the right at any time during the performance of the services, without invalidating this Agreement, to order extra work beyond that specified in the Scope of Services or make changes by altering, adding to or deducting from said work. No such extra work may be undertaken unless a written order is first given by the Contract Officer to the Consultant, incorporating therein any adjustment in (i) the Contract Sum for the actual costs of the extra work, and/or (ii) the time to perform this Agreement, which said adjustments are subject to the written approval of the Consultant. Any increase in compensation of up to ten percent (10%) of the Contract Sum or \$25,000, whichever is less; or, in the time to perform of up to one hundred eighty (180) days, may be approved by the Contract Officer. Any greater increases, taken either separately or cumulatively, must be approved by the City Council. It is expressly understood by Consultant that the provisions of this Section shall not apply to services specifically set forth in the Scope of Services. Consultant hereby acknowledges that it accepts the risk that the services to be provided pursuant to the Scope of Services may be more costly or time consuming than Consultant anticipates and that Consultant shall not be entitled to additional compensation therefor. City may in its sole and absolute discretion have similar work done by other contractors. No claims for an increase in the Contract Sum or time for performance shall be valid unless the procedures established in this Section are followed.

1.9 Special Requirements.

Additional terms and conditions of this Agreement, if any, which are made a part hereof are set forth in the "Special Requirements" attached hereto as <u>Exhibit "B"</u> and incorporated herein by this reference. In the event of a conflict between the provisions of <u>Exhibit "B"</u> and any other provisions of this Agreement, the provisions of <u>Exhibit "B"</u> shall govern.

ARTICLE 2. COMPENSATION AND METHOD OF PAYMENT.

2.1 Contract Sum.

Subject to any limitations set forth in this Agreement, City agrees to pay Consultant the amounts specified in the "Schedule of Compensation" attached hereto as <u>Exhibit "C"</u> and incorporated herein by this reference. The total compensation, including reimbursement for actual expenses, shall not exceed **One Million Sixty Two Thousand Dollars and Zero Cents**

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(\$1,062,000) (the "Contract Sum"), unless additional compensation is approved pursuant to Section 1.8.

2.2 <u>Method of Compensation.</u>

The method of compensation may include: (i) a lump sum payment upon completion; (ii) payment in accordance with specified tasks or the percentage of completion of the services, less contract retention; (iii) payment for time and materials based upon the Consultant's rates as specified in the Schedule of Compensation, provided that (a) time estimates are provided for the performance of sub tasks, (b) contract retention is maintained, and (c) the Contract Sum is not exceeded; or (iv) such other methods as may be specified in the Schedule of Compensation.

2.3 Reimbursable Expenses.

Compensation may include reimbursement for actual and necessary expenditures for reproduction costs, telephone expenses, and travel expenses approved by the Contract Officer in advance, or actual subcontractor expenses of an approved subcontractor pursuant to Section 4.5, and only if specified in the Schedule of Compensation. The Contract Sum shall include the attendance of Consultant at all project meetings reasonably deemed necessary by the City. Coordination of the performance of the work with City is a critical component of the services. If Consultant is required to attend additional meetings to facilitate such coordination, Consultant shall not be entitled to any additional compensation for attending said meetings.

2.4 Invoices.

Each month Consultant shall furnish to City an original invoice for all work performed and expenses incurred during the preceding month in a form approved by City's Director of Finance. By submitting an invoice for payment under this Agreement, Consultant is certifying compliance with all provisions of the Agreement. The invoice shall detail charges for all necessary and actual expenses by the following categories: labor (by sub-category), travel, materials, equipment, supplies, and sub-contractor contracts. Sub-contractor charges shall also be detailed by such categories. Consultant shall not invoice City for any duplicate services performed by more than one person.

City shall independently review each invoice submitted by the Consultant to determine whether the work performed and expenses incurred are in compliance with the provisions of this Agreement. Except as to any charges for work performed or expenses incurred by Consultant which are disputed by City, or as provided in Section 7.3, City will use its best efforts to cause Consultant to be paid within forty-five (45) days of receipt of Consultant's correct and undisputed invoice; however, Consultant acknowledges and agrees that due to City warrant run procedures, the City cannot guarantee that payment will occur within this time period. In the event any charges or expenses are disputed by City, the original invoice shall be returned by City to Consultant for correction and resubmission. Review and payment by City for any invoice provided by the Consultant shall not constitute a waiver of any rights or remedies provided herein or any applicable law.

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2.5 Waiver.

Payment to Consultant for work performed pursuant to this Agreement shall not be deemed to waive any defects in work performed by Consultant.

ARTICLE 3. PERFORMANCE SCHEDULE

3.1 <u>Time of Essence.</u>

Time is of the essence in the performance of this Agreement.

3.2 Schedule of Performance.

Consultant shall commence the services pursuant to this Agreement upon receipt of a written notice to proceed and shall perform all services within the time period(s) established in the "Schedule of Performance" attached hereto as <u>Exhibit "D"</u> and incorporated herein by this reference. When requested by the Consultant, extensions to the time period(s) specified in the Schedule of Performance may be approved in writing by the Contract Officer but not exceeding one hundred eighty (180) days cumulatively.

3.3 Force Majeure.

The time period(s) specified in the Schedule of Performance for performance of the services rendered pursuant to this Agreement shall be extended because of any delays due to unforeseeable causes beyond the control and without the fault or negligence of the Consultant, including, but not restricted to, acts of God or of the public enemy, unusually severe weather, fires, earthquakes, floods, epidemics, quarantine restrictions, riots, strikes, freight embargoes, wars, litigation, and/or acts of any governmental agency, including the City, if the Consultant shall within ten (10) days of the commencement of such delay notify the Contract Officer in writing of the causes of the delay. The Contract Officer shall ascertain the facts and the extent of delay, and extend the time for performing the services for the period of the enforced delay when and if in the judgment of the Contract Officer such delay is justified. The Contract Officer's determination shall be final and conclusive upon the parties to this Agreement. In no event shall Consultant be entitled to recover damages against the City for any delay in the performance of this Agreement, however caused, Consultant's sole remedy being extension of the Agreement pursuant to this Section.

3.4 Term.

Unless earlier terminated in accordance with Article 7 of this Agreement, this Agreement shall continue in full force and effect until completion of the services but not exceeding one (1) years from the date hereof, except as otherwise provided in the Schedule of Performance (Exhibit "D").

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ARTICLE 4. COORDINATION OF WORK

4.1 <u>Representatives and Personnel of Consultant.</u>

The following principals of Consultant ("Principals") are hereby designated as being the principals and representatives of Consultant authorized to act in its behalf with respect to the work specified herein and make all decisions in connection therewith:

Jim Hughes	Fiber Sales Director
(Name)	(Title)
Anthony Santana	Wholesale Account Manager
(Name)	(Title)
(Name)	(Title)

It is expressly understood that the experience, knowledge, capability and reputation of the foregoing principals were a substantial inducement for City to enter into this Agreement. Therefore, the foregoing principals shall be responsible during the term of this Agreement for directing all activities of Consultant and devoting sufficient time to personally supervise the services hereunder. All personnel of Consultant, and any authorized agents, shall at all times be under the exclusive direction and control of the Principals. For purposes of this Agreement, the foregoing Principals may not be replaced nor may their responsibilities be substantially reduced by Consultant without the express written approval of City. Additionally, Consultant shall utilize only competent personnel to perform services pursuant to this Agreement. Consultant shall make every reasonable effort to maintain the stability and continuity of Consultant's staff and subcontractors, if any, assigned to perform the services required under this Agreement. Consultant shall notify City of any changes in Consultant's staff and subcontractors, if any, assigned to perform the services required under this Agreement, prior to and during any such performance.

4.2 Status of Consultant.

Consultant shall have no authority to bind City in any manner, or to incur any obligation, debt or liability of any kind on behalf of or against City, whether by contract or otherwise, unless such authority is expressly conferred under this Agreement or is otherwise expressly conferred in writing by City. Consultant shall not at any time or in any manner represent that Consultant or any of Consultant's officers, employees, or agents are in any manner officials, officers, employees or agents of City. Neither Consultant, nor any of Consultant's officers, employees or agents, shall obtain any rights to retirement, health care or any other benefits which may otherwise accrue to City's employees. Consultant expressly waives any claim Consultant may have to any such rights.

4.3 Contract Officer.

The Contract Officer shall be Gary Carter, Director of Information Technology & Security, or as otherwise designated by the City Manager. It shall be the Consultant's responsibility to assure that the Contract Officer is kept informed of the progress of the performance of the services and the Consultant shall refer any decisions which must be made by City to the Contract Officer. Unless otherwise specified herein, any approval of City required hereunder shall mean the approval of the Contract Officer. The Contract Officer shall have authority, if specified in writing

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by the City Manager, to sign all documents on behalf of the City required hereunder to carry out the terms of this Agreement.

4.4 <u>Independent Consultant.</u>

Neither the City nor any of its employees shall have any control over the manner, mode or means by which Consultant, its agents or employees, perform the services required herein, except as otherwise set forth herein. City shall have no voice in the selection, discharge, supervision or control of Consultant's employees, servants, representatives or agents, or in fixing their number, compensation or hours of service. Consultant shall perform all services required herein as an independent contractor of City and shall remain at all times as to City a wholly independent contractor with only such obligations as are consistent with that role. Consultant shall not at any time or in any manner represent that it or any of its agents or employees are agents or employees of City. City shall not in any way or for any purpose become or be deemed to be a partner of Consultant in its business or otherwise or a joint venturer or a member of any joint enterprise with Consultant.

4.5 <u>Prohibition Against Subcontracting or Assignment.</u>

The experience, knowledge, capability and reputation of Consultant, its principals and employees were a substantial inducement for the City to enter into this Agreement. Therefore, Consultant shall not contract with any other entity to perform in whole or in part the services required hereunder without the express written approval of the City. In addition, neither this Agreement nor any interest herein may be transferred, assigned, conveyed, hypothecated or encumbered voluntarily or by operation of law, whether for the benefit of creditors or otherwise, without the prior written approval of City. Transfers restricted hereunder shall include the transfer to any person or group of persons acting in concert of more than twenty five percent (25%) of the present ownership and/or control of Consultant, taking all transfers into account on a cumulative basis. In the event of any such unapproved transfer, including any bankruptcy proceeding, this Agreement shall be void. No approved transfer shall release the Consultant or any surety of Consultant of any liability hereunder without the express consent of City.

ARTICLE 5. INSURANCE AND INDEMNIFICATION

5.1 Insurance Coverages.

The Consultant shall procure and maintain, at its sole cost and expense, in a form and content reasonably satisfactory to City, during the entire term of this Agreement including any extension thereof, the following policies of insurance which shall cover all elected and appointed officers, employees and agents of City:

(a) <u>General Liability Insurance (Coverage Form ISO CGL CG 00 01 or equivalent)</u>. A policy of comprehensive general liability insurance written on a per occurrence basis for bodily injury, personal injury and property damage. The policy of insurance shall be in an amount not less than \$1,000,000.00 per occurrence or if a general aggregate limit is used, then the general aggregate limit shall be twice the occurrence limit.

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- (b) Worker's Compensation Insurance. A policy of worker's compensation insurance in such amount as will fully comply with the laws of the State of California and which shall indemnify, insure and provide legal defense for the Consultant against any loss, claim or damage arising from any injuries or occupational diseases occurring to any worker employed by or any persons retained by the Consultant in the course of carrying out the work or services contemplated in this Agreement, with Employer's Liability insurance coverage limits of at least \$1,000,000.00.
- (c) <u>Automotive Insurance (Coverage Form ISO CA 00 01 including" any autö and endorsement CA 0025 or equivalent)</u>. A policy of comprehensive automobile liability insurance written on a per occurrence for bodily injury and property damage in an amount not less than \$1,000,000. Said policy shall include coverage for owned, non-owned, leased, hired cars and any automobile.
- (d) Professional Liability. Professional liability insurance appropriate to the Consultant's profession, as determined by the City's Risk Manager, provided that the limits shall be no less than \$1,000,000 per claim and no less than \$1,000,000 general aggregate. This coverage may be written on a "claims made" basis, and must include coverage for contractual liability. The professional liability insurance required by this Agreement must be endorsed to be applicable to claims based upon, arising out of or related to services performed under this Agreement. The insurance must be maintained for at least 5 consecutive years following the completion of Consultant's services or the termination of this Agreement. During this additional 5-year period, Consultant shall annually and upon request of the City submit written evidence of this continuous coverage.
- (e) <u>Subcontractors</u>. Consultant shall furnish separate certificates and certified endorsements for each subcontractor. All coverages for subcontractors shall include all of the requirements stated herein.
- (f) <u>Additional Insurance</u>. Policies of such other insurance, as may be required in the Special Requirements in <u>Exhibit "B"</u>.

5.2 <u>General Insurance Requirements.</u>

The Commercial General Liability and Automobile Liability policies of insurance required above shall be primary insurance and shall name the City, its elected and appointed officers, employees and agents as additional insureds and any insurance maintained by City or its officers, employees or agents may apply in excess of, and not contribute with Consultant's insurance. The insurer is deemed hereof to waive all rights of subrogation and contribution it may have against the City, its officers, employees and agents and their respective insurers. Moreover, the insurance policy must specify that where the primary insured does not satisfy the self-insured retention, any additional insured may satisfy the self-insured retention.

All of said policies of insurance shall provide thirty (30) days prior written notice of cancellation by mail to the City for any reason other than non-payment of premium in which a ten day notice shall apply. In the event any of said policies of insurance are cancelled, the Consultant

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shall, prior to the cancellation date, submit new evidence of insurance in conformance with Section 5.1 to the Contract Officer.

No work or services under this Agreement shall commence until the Consultant has provided the City with Certificates of Insurance, additional insured endorsement forms or appropriate insurance binders evidencing the above insurance coverages and said Certificates of Insurance or binders are approved by the City. City reserves the right to inspect complete, certified copies of and endorsements to all required insurance policies at any time. Any failure of the Consultant to comply with the reporting or other provisions of the policies including breaches or warranties shall not affect coverage provided to City.

All certificates shall name the City as additional insured (providing the appropriate endorsement).

City, its respective elected and appointed officers, directors, officials, employees, agents and volunteers are to be covered as additional insureds as respects: liability arising out of activities Consultant performs; products and completed operations of Consultant; premises owned, occupied or used by Consultant; or any automobiles owned, leased, hired or borrowed by Consultant. The coverage shall contain no special limitations on the scope of protection afforded to City, and their respective elected and appointed officers, officials, employees or volunteers. Consultant's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.

Any deductibles or self-insured retentions must be declared to by City. The Consultant agrees that the requirement to provide insurance shall not be construed as limiting in any way the extent to which the Consultant may be held responsible for the payment of damages to any persons or property resulting from the Consultant's activities or the activities of any person or persons for which the Consultant is otherwise responsible nor shall it limit the Consultant's indemnification liabilities as provided in Section 5.3.

In the event the Consultant subcontracts any portion of the work in compliance with Section 4.5 of this Agreement, the contract between the Consultant and such subcontractor shall require the subcontractor to maintain the same policies of insurance that the Consultant is required to maintain pursuant to Section 5.1, and such certificates and endorsements shall be provided to City.

5.3 <u>Indemnification.</u>

To the full extent permitted by law, Consultant agrees to indemnify, defend and hold harmless the City, its officers, employees and agents ("Indemnified Parties") against, and will hold and save them and each of them harmless from, any and all actions, either judicial, administrative, arbitration or regulatory claims, damages to persons or property, losses, costs, penalties, obligations, errors, omissions or liabilities whether actual or threatened (herein "claims or liabilities") that may be asserted or claimed by any person, firm or entity arising out of or in connection with the negligent performance of the work, operations or activities provided herein of Consultant, its officers, employees, agents, subcontractors, or invitees, or any individual or entity for which Consultant is legally liable ("indemnitors"), or arising from Consultant's or indemnitors'

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reckless or willful misconduct, or arising from Consultant's or indemnitors' negligent performance of or failure to perform any term, provision, covenant or condition of this Agreement, and in connection therewith:

- (a) Consultant will defend any action or actions filed in connection with any of said claims or liabilities and will pay all costs and expenses, including legal costs and attorneys' fees incurred in connection therewith;
- (b) Consultant will promptly pay any judgment rendered against the City, its officers, agents or employees for any such claims or liabilities arising out of or in connection with the negligent performance of or failure to perform such work, operations or activities of Consultant hereunder; and Consultant agrees to save and hold the City, its officers, agents, and employees harmless therefrom;
- (c) In the event the City, its officers, agents or employees is made a party to any action or proceeding filed or prosecuted against Consultant for such damages or other claims arising out of or in connection with the negligent performance of or failure to perform the work, operation or activities of Consultant hereunder, Consultant agrees to pay to the City, its officers, agents or employees, any and all costs and expenses incurred by the City, its officers, agents or employees in such action or proceeding, including but not limited to, legal costs and attorneys' fees.

This indemnification includes claims or liabilities arising from any negligent or wrongful act, error or omission, or reckless or willful misconduct of Consultant in the performance of professional services hereunder. The provisions of this Section do not apply to claims or liabilities occurring as a result of City's sole negligence or willful acts or omissions, but, to the fullest extent permitted by law, shall apply to claims and liabilities resulting in part from City's negligence, except that design professionals' indemnity hereunder shall be limited to claims and liabilities arising out of the negligence, recklessness or willful misconduct of the design professional. The indemnity obligation shall be binding on successors and assigns of Consultant and shall survive termination of this Agreement.

5.4 Sufficiency of Insurer.

Insurance required by this Agreement shall be satisfactory only if issued by companies qualified to do business in California, rated "A-" or better in the most recent edition of Best Rating Guide, The Key Rating Guide or in the Federal Register, and only if they are of a financial category Class VII or better, unless such requirements are waived by the Risk Manager of the City ("Risk Manager") due to unique circumstances. If this Agreement continues for more than 3 years duration, or in the event the risk manager determines that the work or services to be performed under this Agreement creates an increased or decreased risk of loss to the City, the Consultant agrees that the minimum limits of the insurance policies may be changed accordingly upon receipt of written notice from the Risk Manager.

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ARTICLE 6. RECORDS, REPORTS, AND RELEASE OF INFORMATION

6.1 Records.

Consultant shall keep, and require subcontractors to keep, such ledgers, books of accounts, invoices, vouchers, canceled checks, reports, studies or other documents relating to the disbursements charged to City and services performed hereunder (the "books and records"), as shall be necessary to perform the services required by this Agreement and enable the Contract Officer to evaluate the performance of such services. Any and all such documents shall be maintained in accordance with generally accepted accounting principles and shall be complete and detailed. The Contract Officer shall have full and free access to such books and records at all times during normal business hours of City, including the right to inspect, copy, audit and make records and transcripts from such records. Such records shall be maintained for a period of three (3) years following completion of the services hereunder, and the City shall have access to such records in the event any audit is required. In the event of dissolution of Consultant's business, custody of the books and records may be given to City, and access shall be provided by Consultant's successor in interest. Notwithstanding the above, the Consultant shall fully cooperate with the City in providing access to the books and records if a public records request is made and disclosure is required by law including but not limited to the California Public Records Act.

6.2 Reports.

Consultant shall periodically prepare and submit to the Contract Officer such reports concerning the performance of the services required by this Agreement as the Contract Officer shall require. Consultant hereby acknowledges that the City is greatly concerned about the cost of work and services to be performed pursuant to this Agreement. For this reason, Consultant agrees that if Consultant becomes aware of any facts, circumstances, techniques, or events that may or will materially increase or decrease the cost of the work or services contemplated herein or, if Consultant is providing design services, the cost of the project being designed, Consultant shall promptly notify the Contract Officer of said fact, circumstance, technique or event and the estimated increased or decreased cost related thereto and, if Consultant is providing design services, the estimated increased or decreased cost estimate for the project being designed.

6.3 Ownership of Documents.

All drawings, specifications, maps, designs, photographs, studies, surveys, data, notes, computer files, reports, records, documents and other materials (the "documents and materials") prepared by Consultant, its employees, subcontractors and agents in the performance of this Agreement shall be the property of City and shall be delivered to City upon request of the Contract Officer or upon the termination of this Agreement, and Consultant shall have no claim for further employment or additional compensation as a result of the exercise by City of its full rights of ownership use, reuse, or assignment of the documents and materials hereunder. Any use, reuse or assignment of such completed documents for other projects and/or use of uncompleted documents without specific written authorization by the Consultant will be at the City's sole risk and without liability to Consultant, and Consultant's guarantee and warranties shall not extend to such use, reuse or assignment. Consultant may retain copies of such documents for its own use. Consultant shall have the right to use the concepts embodied therein. All subcontractors shall provide for

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assignment to City of any documents or materials prepared by them, and in the event Consultant fails to secure such assignment, Consultant shall indemnify City for all damages resulting therefrom. Moreover, with respect to any documents and materials that may qualify as "works made for hire" as defined in 17 U.S.C. § 101, such documents and materials are hereby deemed "works made for hire" for the City.

6.4 Confidentiality and Release of Information.

- (a) All information gained or work product produced by Consultant in performance of this Agreement shall be considered confidential, unless such information is in the public domain or already known to Consultant. Consultant shall not release or disclose any such information or work product to persons or entities other than City without prior written authorization from the Contract Officer.
- (b) Consultant, its officers, employees, agents or subcontractors, shall not, without prior written authorization from the Contract Officer or unless requested by the City Attorney, voluntarily provide documents, declarations, letters of support, testimony at depositions, response to interrogatories or other information concerning the work performed under this Agreement. Response to a subpoena or court order shall not be considered "voluntary" provided Consultant gives City notice of such court order or subpoena.
- (c) If Consultant, or any officer, employee, agent or subcontractor of Consultant, provides any information or work product in violation of this Agreement, then City shall have the right to reimbursement and indemnity from Consultant for any damages, costs and fees, including attorneys fees, caused by or incurred as a result of Consultant's conduct.
- (d) Consultant shall promptly notify City should Consultant, its officers, employees, agents or subcontractors be served with any summons, complaint, subpoena, notice of deposition, request for documents, interrogatories, request for admissions or other discovery request, court order or subpoena from any party regarding this Agreement and the work performed there under. City retains the right, but has no obligation, to represent Consultant or be present at any deposition, hearing or similar proceeding. Consultant agrees to cooperate fully with City and to provide City with the opportunity to review any response to discovery requests provided by Consultant. However, this right to review any such response does not imply or mean the right by City to control, direct, or rewrite said response.

ARTICLE 7. ENFORCEMENT OF AGREEMENT AND TERMINATION

7.1 California Law.

This Agreement shall be interpreted, construed and governed both as to validity and to performance of the parties in accordance with the laws of the State of California. Legal actions concerning any dispute, claim or matter arising out of or in relation to this Agreement shall be instituted in the Superior Court of the County of Los Angeles, State of California, or any other appropriate court in such county, and Consultant covenants and agrees to submit to the personal jurisdiction of such court in the event of such action. In the event of litigation in a U.S. District Court, venue shall lie exclusively in the Central District of California, in the County of Los Angeles, State of California.

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7.2 <u>Disputes; Default.</u>

In the event that Consultant is in default under the terms of this Agreement, the City shall not have any obligation or duty to continue compensating Consultant for any work performed after the date of default. Instead, the City may give notice to Consultant of the default and the reasons for the default. The notice shall include the timeframe in which Consultant may cure the default. This timeframe is presumptively thirty (30) days, but may be extended, though not reduced, if circumstances warrant. During the period of time that Consultant is in default, the City shall hold all invoices and shall, when the default is cured, proceed with payment on the invoices. In the alternative, the City may, in its sole discretion, elect to pay some or all of the outstanding invoices during the period of default. If Consultant does not cure the default, the City may take necessary steps to terminate this Agreement under this Article. Any failure on the part of the City to give notice of the Consultant's default shall not be deemed to result in a waiver of the City's legal rights or any rights arising out of any provision of this Agreement.

7.3 Retention of Funds.

Consultant hereby authorizes City to deduct from any amount payable to Consultant (whether or not arising out of this Agreement) (i) any amounts the payment of which may be in dispute hereunder or which are necessary to compensate City for any losses, costs, liabilities, or damages suffered by City, and (ii) all amounts for which City may be liable to third parties, by reason of Consultant's acts or omissions in performing or failing to perform Consultant's obligation under this Agreement. In the event that any claim is made by a third party, the amount or validity of which is disputed by Consultant, or any indebtedness shall exist which shall appear to be the basis for a claim of lien, City may withhold from any payment due, without liability for interest because of such withholding, an amount sufficient to cover such claim. The failure of City to exercise such right to deduct or to withhold shall not, however, affect the obligations of the Consultant to insure, indemnify, and protect City as elsewhere provided herein.

7.4 Waiver.

Waiver by any party to this Agreement of any term, condition, or covenant of this Agreement shall not constitute a waiver of any other term, condition, or covenant. Waiver by any party of any breach of the provisions of this Agreement shall not constitute a waiver of any other provision or a waiver of any subsequent breach or violation of any provision of this Agreement. Acceptance by City of any work or services by Consultant shall not constitute a waiver of any of the provisions of this Agreement. No delay or omission in the exercise of any right or remedy by a non-defaulting party on any default shall impair such right or remedy or be construed as a waiver. Any waiver by either party of any default must be in writing and shall not be a waiver of any other default concerning the same or any other provision of this Agreement.

7.5 Rights and Remedies are Cumulative.

Except with respect to rights and remedies expressly declared to be exclusive in this Agreement, the rights and remedies of the parties are cumulative and the exercise by either party of one or more of such rights or remedies shall not preclude the exercise by it, at the same or

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different times, of any other rights or remedies for the same default or any other default by the other party.

7.6 <u>Legal Action.</u>

In addition to any other rights or remedies, either party may take legal action, in law or in equity, to cure, correct or remedy any default, to recover damages for any default, to compel specific performance of this Agreement, to obtain declaratory or injunctive relief, or to obtain any other remedy consistent with the purposes of this Agreement. Notwithstanding any contrary provision herein, Consultant shall file a statutory claim pursuant to Government Code Sections 905 et. seq. and 910 et. seq., in order to pursue a legal action under this Agreement.

7.7 Termination Prior to Expiration of Term.

- 7.7.1 The City reserves the right to <u>terminate this Agreement upon no less than thirty (30) days prior written notice in the event</u> that funds are not appropriated for this Agreement. <u>In such event</u>, the City shall (i) be responsible for paying Consultant any and all charges then due through the date of termination (ii) reimburse Consultant any and all out of pocket costs associated with this terminated Agreement to the extent that such costs are not offset by any amounts then paid by City prior to the date of termination.
- 7.7.2 The City reserves the right to terminate this Agreement at any time after the sixtieth (60) month of the term, without cause, upon thirty (30) days' written notice to Consultant and without any liability or obligation to either Party..
- 7.7.3 In addition, the Consultant reserves the right to terminate this Agreement at any time, with or without cause, upon sixty (60) days' written notice to City, except that where termination is due to the fault of the City, the period of notice may be such shorter time as the Consultant may determine.
- 7.7.4 Upon receipt of any notice of termination, Consultant shall immediately cease all services hereunder except such as may be specifically approved by the Contract Officer. Except where the Consultant has initiated termination or as otherwise provided for in section 7.7.1, the Consultant shall be entitled to compensation for all services rendered prior to the effective date of the notice of termination and for any services authorized by the Contract Officer thereafter in accordance with the Schedule of Compensation or such as may be approved by the Contract Officer, except as provided in Section 7.3. In the event the Consultant has initiated termination, the Consultant shall be entitled to compensation only for the reasonable value of the work product actually produced hereunder. In the event of termination without cause, the terminating party need not provide the non-terminating party with the opportunity to cure pursuant to Section 7.2.

7.8 Termination for Default of Consultant.

If termination is due to the failure of the Consultant to fulfill its obligations under this Agreement, City may, after compliance with the provisions of Section 7.2, take over the work and prosecute the same to completion by contract or otherwise.

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7.9 Attorneys' Fees.

If either party to this Agreement is required to initiate or defend or made a party to any action or proceeding in any way connected with this Agreement, the prevailing party in such action or proceeding, in addition to any other relief which may be granted, whether legal or equitable, shall be entitled to reasonable attorney's fees. Attorney's fees shall include attorney's fees on any appeal, and in addition a party entitled to attorney's fees shall be entitled to all other reasonable costs for investigating such action, taking depositions and discovery and all other necessary costs the court allows which are incurred in such litigation. All such fees shall be deemed to have accrued on commencement of such action and shall be enforceable whether or not such action is prosecuted to judgment.

ARTICLE 8. CITY OFFICERS AND EMPLOYEES: NON-DISCRIMINATION

8.1 Non-liability of City Officers and Employees.

No officer or employee of the City shall be personally liable to the Consultant, or any successor in interest, in the event of any default or breach by the City or for any amount which may become due to the Consultant or to its successor, or for breach of any obligation of the terms of this Agreement.

8.2 Conflict of Interest.

Consultant covenants that neither it, nor any officer or principal of its firm, has or shall acquire any interest, directly or indirectly, which would conflict in any manner with the interests of City or which would in any way hinder Consultant's performance of services under this Agreement. Consultant further covenants that in the performance of this Agreement, no person having any such interest shall be employed by it as an officer, employee, agent or subcontractor without the express written consent of the Contract Officer. Consultant agrees to at all times avoid conflicts of interest or the appearance of any conflicts of interest with the interests of City in the performance of this Agreement.

No officer or employee of the City shall have any financial interest, direct or indirect, in this Agreement nor shall any such officer or employee participate in any decision relating to the Agreement which affects her/his financial interest or the financial interest of any corporation, partnership or association in which (s)he is, directly or indirectly, interested, in violation of any State statute or regulation. The Consultant warrants that it has not paid or given and will not pay or give any third party any money or other consideration for obtaining this Agreement.

8.3 Covenant Against Discrimination.

Consultant covenants that, by and for itself, its heirs, executors, assigns, and all persons claiming under or through them, that there shall be no discrimination against or segregation of, any person or group of persons on account of race, color, creed, religion, sex, gender, sexual orientation, marital status, national origin, ancestry or other protected class in the performance of this Agreement. Consultant shall take affirmative action to insure that applicants are employed and that employees are treated during employment without regard to their race, color, creed, religion, sex, gender, sexual orientation, marital status, national origin, ancestry or other protected class.

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8.4 Unauthorized Aliens.

Consultant hereby promises and agrees to comply with all of the provisions of the Federal Immigration and Nationality Act, 8 U.S.C.A. §§ 1101, et seq., as amended, and in connection therewith, shall not employ unauthorized aliens as defined therein. Should Consultant so employ such unauthorized aliens for the performance of work and/or services covered by this Agreement, and should any liability or sanctions be imposed against City for such use of unauthorized aliens, Consultant hereby agrees to and shall reimburse City for the cost of all such liabilities or sanctions imposed, together with any and all costs, including attorneys' fees, incurred by City.

ARTICLE 9. MISCELLANEOUS PROVISIONS

9.1 Notices.

Any notice, demand, request, document, consent, approval, or communication either party desires or is required to give to the other party or any other person shall be in writing and either served personally or sent by prepaid, first-class mail, in the case of the City, to the City Manager and to the attention of the Contract Officer (with her/his name and City title), City of Carson, 701 East Carson, Carson, California 90745 and in the case of the Consultant, to the person(s) at the address designated on the execution page of this Agreement. Either party may change its address by notifying the other party of the change of address in writing. Notice shall be deemed communicated at the time personally delivered or in seventy-two (72) hours from the time of mailing if mailed as provided in this Section.

9.2 <u>Interpretation.</u>

The terms of this Agreement shall be construed in accordance with the meaning of the language used and shall not be construed for or against either party by reason of the authorship of this Agreement or any other rule of construction which might otherwise apply.

9.3 Counterparts.

This Agreement may be executed in any number of counterparts and each of such counterparts shall for all purposes be deemed to be an original, whether the signatures are originals, electronic, facsimiles or digital. All such counterparts shall together constitute but one and the same Agreement.

9.4 <u>Integration; Amendment.</u>

This Agreement including the attachments hereto is the entire, complete and exclusive expression of the understanding of the parties. It is understood that there are no oral agreements between the parties hereto affecting this Agreement and this Agreement supersedes and cancels any and all previous negotiations, arrangements, agreements and understandings, if any, between the parties, and none shall be used to interpret this Agreement. No amendment to or modification of this Agreement shall be valid unless made in writing and approved by the Consultant and by the City Council. The parties agree that this requirement for written modifications cannot be waived and that any attempted waiver shall be void.

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9.5 Severability.

In the event that any one or more of the phrases, sentences, clauses, paragraphs, or sections contained in this Agreement shall be declared invalid or unenforceable by a valid judgment or decree of a court of competent jurisdiction, such invalidity or unenforceability shall not affect any of the remaining phrases, sentences, clauses, paragraphs, or sections of this Agreement which are hereby declared as severable and shall be interpreted to carry out the intent of the parties hereunder unless the invalid provision is so material that its invalidity deprives either party of the basic benefit of their bargain or renders this Agreement meaningless.

9.6 Warranty & Representation of Non-Collusion.

No official, officer, or employee of City has any financial interest, direct or indirect, in this Agreement, nor shall any official, officer, or employee of City participate in any decision relating to this Agreement which may affect his/her financial interest or the financial interest of any corporation, partnership, or association in which (s)he is directly or indirectly interested, or in violation of any corporation, partnership, or association in which (s)he is directly or indirectly interested, or in violation of any State or municipal statute or regulation. The determination of "financial interest" shall be consistent with State law and shall not include interests found to be "remote" or "non-interests" pursuant to Government Code Sections 1091 or 1091.5. Consultant warrants and represents that it has not paid or given, and will not pay or give, to any third party including, but not limited to, any City official, officer, or employee, any money, consideration, or other thing of value as a result or consequence of obtaining or being awarded any agreement. Consultant further warrants and represents that (s)he/it has not engaged in any act(s), omission(s), or other conduct or collusion that would result in the payment of any money, consideration, or other thing of value to any third party including, but not limited to, any City official, officer, or employee, as a result of consequence of obtaining or being awarded any agreement. Consultant is aware of and understands that any such act(s), omission(s) or other conduct resulting in such payment of money, consideration, or other thing of value will render this Agreement void and of no force or effect.

Consultant's Authorized Initials _______

9.7 <u>Corporate Authority.</u>

The persons executing this Agreement on behalf of the parties hereto warrant that (i) such party is duly organized and existing, (ii) they are duly authorized to execute and deliver this Agreement on behalf of said party, (iii) by so executing this Agreement, such party is formally bound to the provisions of this Agreement, and (iv) the entering into this Agreement does not violate any provision of any other Agreement to which said party is bound. This Agreement shall be binding upon the heirs, executors, administrators, successors and assigns of the parties.

[SIGNATURES ON FOLLOWING PAGE]

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IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the date and year first-above written. CITY: CITY OF CARSON, a municipal corporation Lula Davis-Holmes, Mayor ATTEST: Dr. Khaleah K. Bradshaw, City Clerk APPROVED AS TO FORM: ALESHIRE & WYNDER, LLP Sunny K. Soltani, City Attorney [rjl] **CONSULTANT:** CROWN CASTLE FIBER LLC, a New York limited liability company Lisa Gugliada Title: Associate General Counsel

> Address: 8020 Katy Freeway Houston, TX 77024

Two corporate officer signatures required when Consultant is a corporation, with one signature required from each of the following groups: 1) Chairman of the Board, President or any Vice President; and 2) Secretary, any Assistant Secretary, Chief Financial Officer or any Assistant Treasurer. CONSULTANT'S SIGNATURES SHALL BE DULY NOTARIZED, AND APPROPRIATE ATTESTATIONS SHALL BE INCLUDED AS MAY BE REQUIRED BY THE BYLAWS, ARTICLES OF INCORPORATION, OR OTHER RULES OR REGULATIONS APPLICABLE TO CONSULTANT'S BUSINESS ENTITY.

By: Name: Title:

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy or validity of that document.

STATE OF CALIFORNIA FLORIDA	
COUNTY OF LOS ANCELES MIAMI-DADE	
On <u>7/24/2024</u> , 2024 before me, <u>Janine Suzanne Torre</u> basis of satisfactory evidence to be the person(s) whose na acknowledged to me that he/she/they executed the same his/her/their signature(s) on the instrument the person(s), or executed the instrument. I certify under PENALTY OF PERJURY under the laws of the	imes(s) is/are subscribed to the within instrument and in his/her/their authorized capacity(ies), and that by the entity upon behalf of which the person(s) acted,
and correct.	State of Camorina that the folegoing paragraph is true
WITNESS my hand and official seal. Signature:	JANINE SUZANNE TORRES Notary Public-State of Florida Commission # HH257601 Commission Expires 7/19/2026
OPTION Though the data below is not required by law, it may prove value prevent fraudulent reattachment of this form.	
CAPACITY CLAIMED BY SIGNER INDIVIDUAL CORPORATE OFFICER	DESCRIPTION OF ATTACHED DOCUMENT
TITLE(S) PARTNER(S) LIMITED GENERAL ATTORNEY-IN-FACT	TITLE OR TYPE OF DOCUMENT
☐ TRUSTEE(S) ☐ GUARDIAN/CONSERVATOR ☐ OTHER	NUMBER OF PAGES
SIGNER IS REPRESENTING: (NAME OF PERSON(S) OR ENTITY(IES))	DATE OF DOCUMENT
	SIGNER(S) OTHER THAN NAMED ABOVE

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy or validity of that document.

STATE	OF CALIFORNIA FLORIDA		<u>.</u>
COUNT	TY OF LOS ANCELES MIAMI-DADE		
basis of acknowlhis/her/t executed	2024, 2024 before me, J_a_n_ine Suzanne T_orres, per satisfactory evidence to be the person(s) whose na ledged to me that he/she/they executed the same their signature(s) on the instrument the person(s), or d the instrument.	mes(s) is/are subscribed to the win his/her/their authorized capacithe entity upon behalf of which	within instrument and sity(ies), and that by a the person(s) acted,
WITNE	SS my hand and official seal.	TOURN PRODUCTS STREET OF THE PARTY COUNT CAPE AND RESERVED AND AND AND AND AND AND AND AND AND AN	
Signatur	re: <u>Janine Suzanne Torres</u>	JANINE SUZANNE TORRES Notary Public-State of Florida Commission # HH257601 Commission Expires 7/19/2026	
	OPTION the data below is not required by law, it may prove variandulent reattachment of this form.		ocument and could
	CAPACITY CLAIMED BY SIGNER INDIVIDUAL CORPORATE OFFICER	DESCRIPTION OF ATTACH	ED DOCUMENT
	TITLE(S) PARTNER(S)	TITLE OR TYPE OF DO	OCUMENT
	TRUSTEE(S) GUARDIAN/CONSERVATOR OTHER	NUMBER OF PA	GES
	R IS REPRESENTING: E OF PERSON(S) OR ENTITY(IES))	DATE OF DOCUM	IENT
		SIGNER(S) OTHER THAN N	AMED ABOVE

EXHIBIT "A" SCOPE OF SERVICES

I. Consultant will perform the following Dark Fiber and Lease/License Services ("Products"):

Consultant shall perform all of the work, furnish all labor, materials, equipment, tools, utility services, and transportation, and comply with all of the specifications and requirements in the Bid Documents for the project entitled RFP No. 23-049 Dark Fiber Leases and/or Dark Fiber Indefeasible Right of Use (IRU), in accordance with the Special Requirements attached hereto as Exhibit B (the "Special Requirements") and in accordance with the Order Form 2024-119062 attached hereto as Exhibit B, Schedule 2 (the "Order Form"), and exclusive of any construction work detailed in RFP No, 23-049 (collectively, "IT Disaster Recovery Project" or the "Project"). The IT Disaster Recovery Project requires Consultant to provide a primary dark fiber pair and redundant dark fiber pair between Carson's City Hall and the Meet-Me-Room of several carrier neutral data centers located in downtown Los Angeles, California, and support City's regional data center as a component of City's IT Disaster Recovery Protocols (along the route as set forth on the Order Form) and in accordance with the route map. In the event of any conflict between the terms of this Agreement and any attachments, the following order of precedence shall apply: (1) Exhibit B - the Special Requirements; (2) the Agreement; (3) the Order Form; and (4) the Bid Documents. As used herein, "Bid Documents" refers to all of the documents included in the solicitation of bids for the IT Disaster Recovery Project, including but not limited to, the RFP, Instructions to Bidders, Consultant's Bid/Proposal, Contract Documents, Special Provisions, Technical Provisions, Construction Plans, Standard Plans, Drawings, Reference Specifications, all applicable permit requirements, any addenda, and any other documents included, referenced, or incorporated therein.

More specially, Consultant shall:

- **A.** Provide and lease to City three (3) redundant single-mode dark fiber routes to complete a fully redundant (2) fiber strand, dark fiber pair, between three City designated hub site locations:
 - 1. City Hall 701 E Carson St Carson CA 90745
 - 2. City's Los Angeles, CA Colocation Site (City may relocate demarcation to any Irvine, CA Colocation on Consultant's Network (On-Net) during term)
 - 3. City's Irvine, CA Colocation Site (City may relocate demarcation to any Irvine, CA Colocation on Consultant's Network (On-Net) during term)
- **B.** Provide regular and scheduled maintenance to ensure operational integrity and performance of dark fiber services. Consultant or City reported incidents of performance shall be documented in an incident management system and tracked through to resolution, including fiber testing documentation ensuring less than 0.3 dB loss per splice, per industry standards.

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- **C.** Maintain adequate and qualified personnel needed to meet the workload requirements for all maintenance activities on a 24 hour/7 days per week/365 days per year basis.
- **D.** Provide City with fiber testing documentation and construction completion report.
- II. As part of the Services, Consultant will prepare and deliver the following tangible work products to the City:
 - **A.** Network related outages confirmed by Consultant or City.
 - **B.** Inspection reports related to the City's dark fiber services.
 - **C.** Quarterly Business Reviews.
- III. In addition to the requirements of Section 6.2, during performance of the Services, Consultant will keep the City appraised of the status of performance by delivering the following status reports:

As directed by the City's Contract Officer.

IV. All work product is subject to review and acceptance by the City, and must be revised by the Consultant without additional charge to the City until found satisfactory and accepted by City.

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EXHIBIT "B" SPECIAL REQUIREMENTS (Superseding Contract Boilerplate)

(new text shown in **bold italics**, deleted text in strikethrough)

I. Section 1.1 (Scope of Services) of the Agreement is hereby amended to read in its entirety as follows:

"1.1 Scope of Services.

In compliance with all terms and conditions of this Agreement, the Consultant shall provide those services specified in the "Scope of Services" attached hereto as in Exhibit "A" and incorporated herein by this reference, which may be referred to herein as the "services" or "work" hereunder, in accordance with the Special Requirements contained in Exhibit 'B" (the "Special Requirements") and Order Form 2024-119062 contained in Exhibit "B," Schedule 2 (the "Order Form"), all of which are attached hereto and incorporated herein by this reference. As a material inducement to the City entering into this Agreement, Consultant represents and warrants that it has the qualifications, experience, and facilities necessary to properly perform the services required under this Agreement in a thorough, competent, and professional manner, and is experienced in performing the work and services contemplated herein. Consultant shall at all times faithfully, competently and to the best of its ability, experience and talent, perform all services described herein. Consultant covenants that it shall follow the highest professional standards in performing the work and services required hereunder and that all materials will be both of good quality as well as fit for the purpose intended. For purposes of this Agreement, the phrase "highest professional standards" shall mean those standards of practice recognized by one or more first-class firms performing similar work under similar circumstances."

II. Section 1.4 (Licenses, Permits, Fees and Assessments) of the Agreement is hereby amended to read in its entirety as follows:

"1.4 Licenses, Permits, Fees and Assessments.

Subject to the provisions of Exhibit "B" hereof, Consultant shall obtain at its sole cost and expense such licenses, permits and approvals as may be required by law for the performance of the services required by this Agreement. Consultant shall have the sole obligation to pay for any fees, assessments and taxes, plus applicable penalties and interest, which may be imposed by law and arise from or are necessary for the Consultant's performance of the services required by this Agreement, and shall indemnify, defend and hold harmless City, its officers, employees or agents of City, against any such fees, assessments, taxes, penalties or interest levied, assessed or imposed against City hereunder."

III. Section 1.10 (Warranty) is hereby added to the Agreement as follows:

"1.10 <u>Warranty</u>. Consultant warrants all Products licensed under this Agreement shall comply with the specifications set forth in <u>Exhibit "B."</u> Consultant agrees that City shall be entitled to Product Credits in the event of any Product Outage in accordance with the provisions of <u>Exhibit "B."</u>"

IV. Section 3.4 (Term) of the Agreement is hereby amended to read in its entirety as follows:

"3.4 Term.

Unless earlier terminated in accordance with Article 7 of this Agreement, this Agreement shall continue in full force and effect until completion of the services but not exceeding *ten* one (101) years from the date hereof, except as otherwise provided in the Schedule of Performance (Exhibit "D")."

V. Section 5.3 (Indemnification) of the Agreement is hereby amended by addition of the following to the end of the section:

"EXCEPT FOR CONSULTANT'S INDEMNIFICATION OBLIGATIONS UNDER THIS SECTION 5.3: (A) CONSULTANT SHALL NOT BE LIABLE TO THE CITY FOR ANY INDIRECT, CONSEQUENTIAL, SPECIAL, EXEMPLARY, INCIDENTAL, OR PUNITIVE DAMAGES, INCLUDING WITHOUT LIMITATION LOSS OF USE OR DATA, OR LOST BUSINESS, REVENUE, PROFITS OR GOODWILL, ARISING IN CONNECTION WITH THIS AGREEMENT OR ANY PRODUCT OR ANY ORDER FORM AND (B) CONSULTANT'S TOTAL LIABILITY TO THE CITY IN CONNECTION WITH THIS AGREEMENT FOR ANY AND ALL CAUSES OF ACTION AND CLAIMS, INCLUDING WITHOUT LIMITATION, BREACH OF CONTRACT, BREACH OF WARRANTY, NEGLIGENCE, STRICT LIABILITY, MISREPRESENTATION AND OTHER TORTS, SHALL BE LIMITED TO FIVE TIMES THE CONTRACT SUM OR THE APPLICABLE INSURANCE COVERAGE LISTED IN SECTION 5.1, WHICHEVER IS GREATER; PROVIDED, HOWEVER, THERE SHALL BE NO LIMITS ON CONSULTANT'S LIABILITY IN THE EVENT OF CONSULTANT'S GROSS NEGLIGENCE OR WILLFUL **MISCONDUCT.**"

- VI. Schedule 1 (Dark Fiber Supplement) is hereby attached to this <u>Exhibit "B"</u> and incorporated into the Agreement.
- VII. Schedule 2 (Order Form) is hereby attached to this <u>Exhibit "B"</u> and incorporated into the Agreement.

SCHEDULE 1 TO EXHIBIT B (SPECIAL REQUIREMENTS) DARK FIBER SUPPLEMENT

This Dark Fiber Supplement ("Supplement") isby and between CROWN CASTLE FIBER LLC ("Crown Castle") and the City of Carson ("Licensee") and is hereby incorporated into and made a part of the Telecommunications License Agreement between the Parties (the "Agreement"). Unless otherwise defined herein, capitalized terms in this Supplement shall have the meanings given in the Agreement. Section and subsection headings contained in this Supplement are inserted for convenience of reference only, shall not be deemed to be a part of this Supplement for any purpose, and shall not in any way define or affect the meaning, construction or scope of any of the provisions hereof.

1. General Provisions

- A. Acceptance Date. The "Acceptance Date" for each Product shall be the earliest of (a) the date on which Licensee delivers written notice of acceptance, (b) the date on which Licensee begins to use the Service, other than for testing purposes, or (c) the second (2nd) business day following Crown Castle's delivery of notice of the installation of the Service (such notice, a "Connection Notice unless Licensee notifies Crown Castle in writing within said two-day period of a Defect in the Service, specifying in detail the nature of such Defect. A "Defect" exists if the Service fails to perform materially in accordance with its technical specifications as set forth in the applicable Supp lement ("Specifications"). Upon receipt of notice of a Defect, Crown Castle and Licensee shall work cooperatively to promptly remedy such Defect, and Crown Castle shall deliver another Connection Notice, whereupon the process described in the first sentence of this Section shall apply again. If the Acceptance Date is delayed as a result of any failure, act or omission of Licensee, Crown Castle will give Licensee written notice to cure such failure within five (5) calendar days. If Licensee fails to cure within such period, the Acceptance Date will be deemed to be the end of such five (5) calendar-day period.
- **B.** Taxes and Fees. All charges set forth in an Order Form(s) are exclusive of, and Licensee shall be responsible for and agrees to pay, any and all applicable international, federal, state and local use, excise, sales, value added, consumption, gross receipts, access, franchise and other taxes, fees, assessments, duties and surcharges (including, without limitation, any universal service fund surcharge) levied or imposed upon Crown Castle or Licensee in connection with the provision, sale or use of the Product or facility furnished to Licensee and which Crown Castle is required or permitted to collect from Licensee (collectively referred to as "Taxes"). Licensee shall not be responsible for, and Taxes will not include, taxes on Crown Castle's net income. If Licensee believes it is exempt from Taxes, Licensee shall provide Crown Castle with a valid and duly executed exemption certificate and any other information with respect to such exemption as Crown Castle may require; such certificate will be honored from the date that Crown Castle receives such certificate and additional information from Licensee. If any such exemption is ruled invalid by the tax or governmental authority for any reason, Licensee shall reimburse Crown Castle for any Taxes, including without limitation any penalties and interest, arising from or in connection with such invalid claim of exemption.

C. CROWN CASTLE EQUIPMENT AND NETWORK; LICENSEE EQUIPMENT.

- (I) Crown Castle Equipment; Crown Castle Network. The telecommunications devices, apparatus and associated equipment owned, leased, or otherwise obtained by Crown Castle to provide Products("Crown Castle Equipment") and Crown Castle's fiber optic cable network and associated optical/electronic equipment used to deliver Products, whether owned, leased or otherwise obtained by Crown Castle(the "Crown Castle Network") shall remain the sole and exclusive property of Crown Castle notwithstanding that it may be or become attached or affixed to real property, and nothing contained herein or in any Order Form grants or conveys to Licensee any right, title or interest in any Crown Castle Equipment or the Crown Castle Network. Licensee may not, and may not permit others to, alter, adjust, encumber, tamper, repair, rearrange, change, remove, relocate, or damage any Crown Castle Equipment or the Crown Castle Network without the prior written consent of Crown Castle. Licensee may not cause any liens to be placed on any Crown Castle Equipment or the Crown Castle Network, and will cause any such liens to be removed within ten (10) days of Licensee's knowledge thereof. Licensee shall be liable to Crown Castle for any loss or damage to the Crown Castle Equipment or Crown Castle Network caused by Licensee or Licensee's employees, contractors, agents or end users. Nothing herein shall prevent Crown Castle from using the Crown Castle Network and Crown Castle Equipment to provide products to other customers.
- (II) Extension of Network. To the extent an Order Form requires Crown Castle to complete construction, extend the Crown Castle Network and/or obtain additional Underlying Rights, Licensee shall use commercially reasonable efforts to assist Crown Castle in obtaining such Underlying Rights as necessary to provide the Product. Crown Castle may, without liability to either Party, terminate a Product prior to delivery, if Crown Castle encounters unexpected construction costs, or unavailability of or excess costs for Underlying Rights, that make the construction economically or legally unfeasible. Following the Acceptance Date of the Product, in the event that Crown Castle is unable to maintain any necessary Underlying Rights without incurring additional costs, unless Licensee bears the costs of obtaining such Underlying Rights, Crown Castle may cancel the applicable Order Form and shall incur no liability to Licensee hereunder. Without limiting the foregoing, Crown Castle shall not be deemed to be in breach of this Agreement for its failure to meet any anticipated Product installation or delivery date if

such failure is caused, in whole or in part, by (i) a Force Majeure Event, (ii) failure to obtain, or delay in obtaining, any required Underlying Rights, (iii) construction delays, or (iv) any other circumstances beyond the control of Crown Castle. "<u>Underlying Rights</u>" means any and all agreements, licenses, conduit use agreements, pole attachment agreements, leases, easements, rights-of-way, franchises, permits, governmental and regulatory approvals and authorizations, and other rights, consents, and approvals that are necessary to construct, install, maintain, operate, and repair the Crown Castle Network and/or for Crown Castle to provide a Product other than building access rights described in Section 7.1. Without limiting the foregoing, Underlying Rights include agreements for Off-Net Products that are necessary for Crown Castle to provide a Product. <u>Off-Net Products</u>" shall mean any products provided by a third-party. "<u>On-Net Products</u>" shall mean Products that use transmission and related facilities owned and controlled by Crown Castle.

(III) Licensee Equipment. Licensee shall, at its own expense, procure any equipment necessary to implement or receive each Product ("Licensee Equipment"). Crown Castle will have no obligation to install, maintain, or repair Licensee Equipment. Promptly upon notice from Crown Castle, Licensee shall eliminate any hazard, interference or Product obstruction that any such Licensee Equipment is causing or may cause as reasonably determined by Crown Castle.

D. MAINTENANCE.

- (I) Scheduled Maintenance. Crown Castle will endeavor to conduct (or cause to be conducted) scheduled maintenance that is reasonably expected to interrupt the Product between 12:00 midnight and 6:00 a.m. local time or, upon Licensee's reasonable request, at a time mutually agreed to by Licensee and Crown Castle. Crown Castle will use commercially reasonable efforts to notify Licensee of scheduled maintenance that is reasonably expected to interrupt the Product via telephone or e-mail, no less than five (5) days prior to commencement of such maintenance activities. Licensee shall provide a list of Licensee contacts for maintenance and escalation purposes, which may be included on the Order Forms, and Licensee shall provide updated lists to Crown Castle, as necessary.
- (II) Emergency Maintenance. Crown Castle may perform emergency maintenance in its reasonable discretion, with or without prior notice to Licensee, to preserve the overall integrity of the Crown Castle Network. Crown Castle will notify Licensee as soon as reasonably practicable of any such emergency maintenance activity that materially and adversely impacts a Product.
- (III) Product Issues. Licensee may notify Crown Castle's Network Operating Center ("NOC") of Product problems by telephone 888-LT-FIBER, or at the contacts listed in Crown Castle's Customer Support Information provided to Licensee, which may be updated by Crown Castle from time to time. If Crown Castle dispatches a field technician to Licensee or an end-user location and the problem is caused by (i) the Licensee Equipment or any end-user's equipment or (ii) any acts or omissions of Licensee or its end user, or of any of its or their invitees, licensees, customers or contractors, Licensee will pay Crown Castle for any and all associated time and materials at Crown Castle's then-standard rates.

E. IMPLEMENTATION REQUIREMENTS.

- (I) Access to Premises. Unless otherwise provided for in the applicable Order Form, Licensee, at its own expense, shall secure throughout the Product Term any easements, leases, licenses or other agreements necessary to allow Crown Castle to use pathways into and in each building which Licensee's or its end-user's premises is located, to the Demarcation Point. Such access rights shall grant to Crown Castle the right to access such premises to the extent reasonably requested by Crown Castle to install, maintain, repair, replace and remove any and all equipment, cables or other devices Crown Castle deems reasonably necessary to provide the Product. Upon expiration or termination of the applicable Product Term, Licensee shall grant Crown Castle access to its premises as necessary to enable Crown Castle to remove the Crown Castle Equipment. Crown Castle, its employees, contractors and agents shall have access to any Crown Castle Equipment or facilities at a Licensee or end user premises. Notwithstanding anything to the contrary herein, Crown Castle shall have no liability for any delay or failure in its performance to the extent caused by any delay or failure of Licensee (including, but not limited to, the failure to provide Crown Castle prompt access) and/or caused by any notice or access restrictions or requirements. "Demarcation Point" shall mean the network interface point where Crown Castle hands off the Product to Licensee. The Demarcation Point delineates where responsibility for the Parties' respective networks, equipment and/or maintenance obligations begin and end. Licensee is responsible, at its sole cost and expense, for connecting to the Demarcation Point.
- (II) Space and Power. Licensee shall procure and make available to Crown Castle, at Licensee's locations and at end user locations where a Product is provided or licensed, at Licensee's sole cost and expense, adequate space, AC power and HVAC for Crown Castle Equipment.
- (III) Property Owner Not Liable. Neither Licensee nor any of Licensee's end-users shall have any recourse against any property owner or property manager of any premises to which any Product is delivered and/or at which Crown Castle Network or Equipment is located, as a result of or in reliance upon this Agreement. Without limiting the foregoing, this

provision shall not be construed to impose any liability on Crown Castle, nor shall Crown Castle have any liability, for or on behalf of such property owner or property manager.

2. ADDITIONAL TERMS

The following additional terms and conditions shall apply to the provision of licensed dark fiber.

"Cable" means fiber optic cable with fiber optic filaments contained in any suitable jacketing or sheath that is already in place, or is yet to be installed, and to which Crown Castle has or will have access by ownership, lease, right to use, or otherwise.

"<u>Dark Fiber</u>" or "<u>Fibers</u>" means one or more specified strands of dedicated optical fiber within a Cable without optronics or electricity, subject to the terms of the Agreement.

"Licensee Fibers" or "Product" means the Fibers that are licensed to Licensee under an Order Form.

"Location" is an address wherein Crown Castle will hand off Licensee Fibers to Licensee.

"Product Credit" means a credit that Licensee may be eligible to receive pursuant to Section 7 below.

"Product Outage" means a loss of continuity or other material degradation of the Licensee Fibers such that Licensee is unable to utilize the Licensee Fibers for transmission of optical signals.

"Route" means the geographic path along which the Cable and Licensee Fibers are located.

"Route Segment" means a portion of the Route between any two Locations.

3. SPECIFICATIONS

3.1 Specifications. The Specifications applicable to the Licensee Fibers are set forth in the attached Schedule **A**, incorporated herein by reference.

4. USE OF AND ACCESS TO LICENSEE FIBERS; RELOCATION

- **4.1 License.** Subject to the terms and conditions set forth in the Agreement and this Supplement, Crown Castle and Licensee may from time to time execute one or more Order Forms pursuant to which Crown Castle grants to Licensee a license to use Licensee Fibers designated on the Order Form. Each Order Form will specify the number, identity, type, and route of the Licensee Fibers, and the permitted Locations where Licensee may access the Licensee Fibers. Crown Castle may not be the owner of the Licensee Fibers but may instead lease, license, or acquire a right to use such Licensee Fibers from a third party together with the right to sub-lease Licensee Fibers to Crown Castle's Licensees.
- **4.2 Limitations on Rights and Obligations.** In addition to, and not in limitation of, any limitations set forth in the Agreement, the Parties agree that:
 - **4.2.1 Use by Licensee.** Licensee shall have no right or interest in the Licensee Fibers other than a license to use the Licensee Fibers. A license of Licensee Fibers does not convey any ownership interest in the Licensee Fibers or the Cable. Licensee is solely responsible for all optical and other equipment required to enable Licensee to utilize the Licensee Fibers for optical communications.
 - **4.2.2 Use by Crown Castle.** Nothing herein shall be construed as limiting or restricting Crown Castle or its Affiliates in any manner from using its or their own Cables, fibers, or any other facilities, easements and/or rights of way for the installation of additional fiber optic cables, for use as telecommunications facilities, or for any other purpose.
 - **4.2.3 Subordination.** Licensee understands and agrees that Crown Castle's ability to grant Licensee the license to use the Licensee Fibers pursuant to this Agreement, and to attach, install, construct, operate, and maintain the Crown Castle Network and the Licensee Fibers, is at all times subject and subordinate to, and limited by, the Underlying Rights, applicable laws, rules, ordinances, codes, and regulations. By virtue of the Agreement, Licensee shall only have a license to use the Licensee Fibers or related facilities, expressly granted herein, and in no event shall such license be construed to be greater than the Underlying Rights to use such Licensee Fibers. Crown Castle shall not be liable for any acts or omissions by Crown Castle, its employees or affiliates that interfere with or otherwise affect Licensee's use of the Licensee Fibers to the extent such acts or omissions are required by the Underlying Rights, including, without limitation acts or omissions that deny the use of, alter or remove the Cable.

- **4.2.4 Sublicensing.** Licensee shall not assign, sell, transfer, lease, sublease, license, sub-license, or otherwise grant a right to use the Licensee Fibers to any third party without the prior written consent of Crown Castle.
- **4.2.5.** Access to Licensee Fibers. Licensee may access the Licensee fibers only at the Demarcation Points specified in the applicable Order Form. Licensee may not access or take any action that impacts the Licensee Fibers or the Cable at any other locations.

4.3 Relocation.

- **4.3.1 Relocation Required By Crown Castle**. In the event that Crown Castle is required by any underlying service provider, public authorities, or lawful order or decree of a regulatory agency or court or any other reason beyond Crown Castle's reasonable control, to relocate or modify any or all Cable on the Route upon which the Licensee Fibers are located, Crown Castle alone shall bear the costs for any such work. Crown Castle shall not be responsible for the costs of, nor shall it be liable for, the removal, relocation or replacement of any Licensee Equipment or other Licensee property on the Licensee's side of the Demarcation Point. If the relocation or replacement of the Cable is requested or caused by a third party, Crown Castle shall attempt to obtain reimbursement of Crown Castle's costs from said third party. Notice to Licensee will be provided as soon as reasonably practicable. Neither Crown Castle nor any of its affiliates or agents shall incur liability for any Product Outage, disruption, degradation, interference, or interruption of any Product in connection with any such removal or relocation. Crown Castle and Licensee shall cooperate in performing such relocation or modifications so as to minimize any interference with the use of the Licensee Fibers and the Cable and to avoid conflicting physically or otherwise interfering with joint users of the Cable or any other property impacted by the installation, construction, maintenance or use of the Cable, to the extent reasonably possible. Any such relocation shall be accomplished consistently with the Specifications.
- **4.3.2 Relocation Requested By Licensee.** Licensee may request relocation of the Licensee Fibers. Any such relocation shall be subject to Crown Castle's approval (which shall be in Crown Castle's sole discretion), the execution of an Order Form, and Licensee's payment to Crown Castle of such additional charges as Crown Castle may require. No relocation or replacement of the Cable or related facilities shall be performed without the prior written agreement of Crown Castle, which shall be in Crown Castle's sole discretion.

5. TERMINATION AND CONDEMNATION

- Segment may be terminated by Crown Castle without liability (unless due to a default by Crown Castle under any applicable Underlying Rights agreement), upon reasonable notice to Licensee, to the extent Crown Castle is no longer authorized under the Underlying Rights to install, construct, maintain, operate, or convey the license to use the Cable or other property as contemplated by the Agreement. If a Route Segment is terminated pursuant to this Section, Crown Castle shall make reasonable efforts to find alternate capacity or facilities owned or controlled by Crown Castle to meet Licensee's needs, but under no circumstances shall Crown Castle be obligated to contract for or to construct new facilities, or otherwise incur any additional cost or expenses, to replace the Cable or Licensee Fibers on the Route Segments terminated under this Section 5.1. If Crown Castle is unable to find alternate capacity or facilities owned or controlled by Crown Castle to meet Licensee's needs, fees to be paid by Licensee shall be appropriately reduced on a prorated basis.
- **5.2** Condemnation Proceedings/Termination Rights. If at any time during the Product Term, all or any significant portion of the Cable is taken for any public or quasi-public purpose by any lawful power or authority by the exercise of the right of condemnation or eminent domain and, after exercise of the Parties' commercially prudent efforts, the Cable cannot be relocated pursuant to Section 4.3 herein, either Party may elect to terminate the impacted Licensee Fibers upon giving the other thirty (30) days prior written notice. If Licensee Fibers are terminated in accordance with this Section, the applicable license shall be deemed canceled and neither Party shall have any further obligations to the other, except that both Parties shall be entitled to participate in any condemnation proceedings to seek to obtain compensation via separate awards for the economic value of their respective interest in the Cable.

6. FEES

Licensee shall pay the fees set forth in Order Forms executed hereunder. On January 1 of each year, the MRCs shall be escalated by three percent (3%). In addition, in the event that amounts charged to Crown Castle under any Underlying Rights are increased or Crown Castle's costs or expenses are increased due to any Underlying Rights, Crown Castle shall have the right to charge Licensee for its pro rata share of such increases, which shall be added to the MRCs to be paid by Licensee for the applicable Product Term.

7. SERVICE LEVEL AGREEMENT

- 7.1 MTTR Objectives.
 - **7.1.1 Mean Time to Respond.** "Mean Time to Respond" is the average time required for Crown Castle to begin troubleshooting a reported failure. The Mean Time to Respond objective is two (2) hours from Crown Castle's receipt of notice of such failure.
 - **7.1.2 Mean Time to Repair.** "Mean Time to Repair" is the average time required to restore the Licensee Fibers to an operational condition as defined herein. The Mean Time to Repair objective is eight (8) hours from Crown Castle's receipt of notice of such failure.
- **7.2 Product Outage.** Subject to this Section 7, in the event of a Product Outage, Licensee may be entitled to a Product Credit as provided in Section 7.3 below. A Product Outage shall be deemed to begin upon the earlier of Crown Castle's actual knowledge of the Product Outage or Crown Castle's receipt of notice from Licensee of the Product Outage, and end when the Licensee Fibers are operational and in material conformance with the applicable Specifications. Notwithstanding anything to the contrary in this Supplement, in the Agreement or in any Order Form, in no event shall a Product Outage or failure to meet any objectives or parameters under this Supplement be deemed to be or constitute a breach by Crown Castle of this Supplement, the Agreement or any Order Form.
- **7.3 Service Level Objective.** If Crown Castle fails to repair a Product Outage within eight (8) hours of notice from Licensee of such Product Outage ("Repair Window"), Licensee may be entitled to a Product Credit as follows:

Measurement Timeframe	Product Credit for Affected Product
Per Incident	1/30 th of the MRC of the affected Product for each consecutive twelve (12) hour period (or fraction thereof) after the Repair Window up to a maximum of 50% of the MRC

- **7.4 Product Credits.** The number of minutes of separate and discrete Product Outages will not be cumulated to determine the applicable Product Credit. Product Credits hereunder may not be applied to usage charges, government fees, taxes, or surcharges, or any third party charges passed through to Licensee by Crown Castle. Product Credits issued to Licensee hereunder shall be Licensee's sole and exclusive remedy at law or in equity on account of any Product Outage. Product Credits will not be issued to Licensee if Licensee's account with Crown Castle is in arrears. Notwithstanding anything to the contrary herein, the above-stated Product Credits shall not apply to Off-Net Products, and in the event of a Product Outage or other failure of any Off-Net Product provided by Crown Castle to Licensee, Crown Castle agrees to pass through a credit equal to the credit received by Crown Castle from its underlying provider(s) for such Product Outage, in lieu of the above-stated Product Credits. In no event shall Crown Castle's total liability for all Product Outages and/or failure to meet any objectives or parameters set forth in this Supplement in any month exceed a credit equal to fifty percent (50%) of the MRC for the affected Product for such month.
- **7.5 Product Credit Request.** Licensee must submit a written request to claim a Product Credit no later than thirty (30) days following the event that gives rise to Licensee's right to request the Product Credit. Failure to request a credit within such period shall constitute a waiver of any claim for an Product Credit.
- **7.6 Events Excepted From Product Credit.** Notwithstanding the foregoing, Licensee shall not receive any Product Credit for any Product Outage, failure to meet any objectives or parameters hereunder, or delay in performing repairs, arising from or caused, in whole or in part, by any of the following events:
 - a. Licensee's (including its agents, contractors and vendors) acts or omissions;
 - b. Failure on the part of Licensee Equipment, Licensee provided optical fiber, end user equipment or Licensee's vendor's equipment;
 - c. Failure of electrical power not provided by Crown Castle;
 - d. Election by Licensee, after requested by Crown Castle, not to release the Licensee Fibers for testing and repair;
 - e. Crown Castle's inability to obtain access required to remedy a defect in a Product, including lack of access due to utility safety restrictions;
 - f. Scheduled maintenance periods;
 - g. Scheduled upgrade of Product at the request of Licensee;
 - h. Force Maieure Event: or
 - i. Disconnection or suspension of the Product by Crown Castle pursuant to a right provided under this Agreement.

Schedule A

1.1 Fiber Specifications

1. Type and Constitution. Single-mode Fibers are made of high grade doped silica core surrounded by a silica cladding; and coated with a dual layer, UV-cured acrylic-based coating.

			Single Mode		
Properties	Units	Single Mode	Enhanced	MetroCor	NZDSF
Glass Geometry					
Mode Field Diameter at 1310 nm	(µm)	9.2 ± 0.4	9.2 ± 0.4	N/A	N/A
Mode Field Diameter at 1550 nm	(µm)	10.4 ± 0.8	10.4 ± 0.8	8.1 ± 0.5	9.2 ± 0.8
Fiber Attenuation					
Maximum value at 1310 nm	(dB/km)	0.4	0.4	0.5	N/A
Maximum value at 1550 nm	(dB/km)	0.3	0.3	0.3	0.3

2. Fiber Optic Specification

(a) Bi-directional splice value ("Splice Value") ≤ 0.20 dB at 1550 nm. In exceptional cases, a Splice Value may be accepted if its value is higher than 0.20 dB at 1550 nm. An exception case is, for instance, when three (3) re-trials of a splice cannot improve the Splice Value. The Splice Value will be given by the equation:

(b) Splice attenuation average ("<u>Splice Attenuation Average</u>") ≤ 0.15 dB at 1550 nm. The Splice Attenuation Average is given by:

$\frac{\Sigma \ Splice \ Values}{Number \ of \ splices \ in \ the \ Route \ Segment}$

(c) It is recognized by the Parties that due to the use of ribbon fiber optic cable on some of the segments, the Splice Value of individual splices may exceed 0.20 dB. However, the Splice Attenuation Average for any Route Segment as designated in (b) above shall supersede all other splicing requirements.

3. Connectors

- (a) Maximum Unitary ODF/S Connector (1 connector + 1 adapter + 1 connector)
- (b) Maximum Connector/pigtail loss. The attenuation contribution of each pigtail with associated connector is considered to be 1.0 dB, comprised of 0.8 dB connector loss and 0.20 dB splice loss (pigtail to cable splice).

4. Fiber Optic Test Parameters

I. Standard Fiber Optic Testing:

(a) Bi-directional OTDR

 Span traces will be captured at 1310nm and 1550nm. Traces will be provided in native format and / or PDF.

(b) Bi-Directional Power Meter.

(i) Bi-Directional power meter results will be furnished with light source data at 1550nm. Data will be supplied in a excel format with all locations clearly identified including demarcation details.

II. Additional Fiber Optic Testing (for an additional charge):

(a) Optical Return Loss/Reflectance

- (i) The ORL value measures the total light reflected back to the transmitter caused by the system components of the fiber under test and can degrade the performance by affecting the stability of the laser; this in turn can create bit errors.
- (ii) Specifications ORL

Vendor and Telcordia specifications regarding Optical Return Loss are as follows:

Parameter	Required Threshold
Optical Return Loss	>30 dB

(b) Polarization Mode Dispersion.

- (i) PMD is caused by different polarizations of the light pulse traveling along the fiber at slightly different speeds due to imperfections of size and material properties along the length of the fiber. This causes the light pulses or waveforms to spread out or broaden causing possible bit error rate of the transmission signal. The higher the bandwidth, the shorter the pulse and the increase of importance of testing prior network turn up.
- (ii) Polarization-Mode Dispersion Measurement for Single-Mode Optical Fibers by Interferometry Method.
- (iii) PMD coefficient of the tested fiber should not exceed <0.2 ps/km_{1/2}.

(c) Chromatic Dispersion

- (i) Chromatic Dispersion is the broadening or spreading of a pulse of light due to the nonzero spectral width of a transmission signal. The effects of chromatic dispersion can limit the network transmission rate or the length of fiber a signal can be transmitted before requiring re-generation.
- (ii) Specifications Chromatic Dispersion
- (iii) Record the total Chromatic dispersion for the tested span, the value per kilometer should be within the range specified below.

Type	Dispersion @ 1550nm
SMF (ITU-T	\leq 18 ps/(nm*km)
6.652.D)	
ELEAF (ITU-T	4 ps/(nm*km)
G.655)	
TrueWave RS (ITU- T G.655)	4.5 ps/(nm*km)
TrueWave Classic (early G.655)	2 ps/(nm*km)
DSF (ITU-T G.653)	0 ps/(nm*km)
SMF-LS	-1 ps/(nm*km)

Note 1: DSF not recommended for DWDM

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SCHEDULE 2 TO EXHIBIT B (SPECIAL REQUIREMENTS) ORDER FORM



Order Form

Order Type: New SO # 2024-119062

Licensee of Custon	mer Contact De	tan				
Licensee or Customer	City of Carson					
Address & Contact	City, State Phone	701 E CARSON ST CARSON, CALIFORNI 818-312-7768	A 90745	Fax		
Billing Address & Contact	Billing Address City, State	City of Carson 701 E Carson Street Carson, CA 90745		Email Phone Fax		
Technical Contact		Gary Carter gcarter@carsonca.gov		Primary Phone Alternate Phone	(310) 830-7000	
Product Detail	100					
Dark Fiber #1	0.000 (0.0	Point to Point	Estimated Route Miles		Eatim. Fiber Miles	94.00
	Install Lead Time	\$2,960.00 60 Days	NRC	\$0.00		
Location A	701 E Carson St, 1st CCI to provide LOA	Floor, Carson, CA 90745				
Location Z		venue Ave, 1st Floor, Irv	ine, CA 92614			
Dark Fiber #2	100 (100 (100 (100 (100 (100 (100 (100	Point to Point	Estimated Route Miles	- CONTROL - CONT	Eatim. Fiber Miles	120.00
	MRC Install Lead Time	82,960.00 80 Days	NRC	\$0.00		
Location A	17222 Von Karman A CCI to provide LOA	venue Ave, 1st Floor, Irv	ine, CA 92614			
Location Z		or, 5th Floor, Los Angele	s, CA 90017			
Dark Fiber #3	The second secon	Point to Point \$2,960.00	Estimated Route Miles	36.00	Eatim. Files Miles	72.00
	Install Lead Time	80 Days		200		
Location A	600 W 7th St, 5th Floo CCI to provide LOA	or, 5th Floor, Los Angele	s, CA 90017			
Location Z		Floor, Carson, CA 90745				

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Order Form

Order Type: New SO # 2024-119062

Order Summary					
Salespe Client Service		Anthony Santana Term (Months) Angelo Piperni Gary Carter Contact Email		120 gcarten@carsonca.gov	
Pricing & Contract Terms			NRC*	MRC*	
		Dark Fiber	\$0.00	\$8,850.00	
		Total	\$0.00	\$8,850.00	
		*Pricing show	n does not reflect a	pplicable taxes and fees	i.
SPECIAL ORDER PROVISION	IS	enne una opperation min	and the second		
Licensee such Replacement P pocket costs and expense incu underlying third-party provider	rred by Provider arising	from or in connection wit	th the termination of	the Initial Product, inclu	iding, without limitation, all
herein shall be provisioned as ORDER ACCEPTANCE	cuted by both parties, is depicted in the map att	ncorporating the terms, co ached hereto as Exhibit 1,	nditions and provisi , which is incorporat	ions of the Agreement; a ted by reference.	and, (B) the Products set forth
herein shall be provisioned as ORDER ACCEPTANCE This Order Form is entered into b provisions of the Master Telecom incorporated herein by reference.	cuted by both parties, in depicted in the map att. etween Provider (or "Con immications License Agr. In the event the date in the ions Version 5.0" available or Service Level Agreense	ncorporating the terms, co ached hereto as Exhibit 1, upamy") and Customer (or "I element or other master agree e previous sentence is blank e at https://www.crowncastl nt applicable to the type of p	nditions and provisi which is incorporat licensee") effective a ment between the par or the Agreement is e.com/berms-and-con-	ions of the Agreement; a led by reference. s of the date of the last significated ties dated no longer in effect, then the dations ("Online Terms").	and, (B) the Products set forth nature below, and is subject to the "Agreement"), which is "Oder Form vil be governed by the in addition, if Company and Licensee
herein shall be provisioned as ORDER ACCEPTANCE This Order Form is entered into be provisions of the Master Telecom incorporated herein by reference. "Crown Castle Terms and Condition have not executed a Supplement of the provision of the condition of the condition of the the condition of the condition of the condition of the the condition of the condition of the condition of the the condition of the condition of the condition of the the condition of the condition of the condition of the the condition of the condition of the condition of the the condition of the condition of the condition of the the condition of the condition of the condition of the the condition of the condition of the condition of the condition of the c	cuted by both parties, in depicted in the map att. etween Provider (or "Con immications License Agr. In the event the date in the ions Version 5.0" available or Service Level Agreense	ncorporating the terms, co ached hereto as Exhibit 1, upany") and Customer (or "I sement or other master agree e previous sentence is blank e at https://mww.crowncastl mt appikcable to the type of p rm shall apply.	nditions and provisi which is incorporat licensee") effective a ment between the par or the Agreement is e.com/berms-and-con-	ions of the Agreement; a led by reference. s of the date of the last significated ties dated no longer in effect, then the dations ("Online Terms").	and, (B) the Products set forth nature below; and is subject to the
herein shall be provisioned as ORDER ACCEPTANCE This Order Form is entered into be provisions of the Master Telecom incorporated herein by reference. "Crown Castle Terms and Condition have not executed a Supplement of the provision of the condition of the condition of the the condition of the condition of the condition of the the condition of the condition of the condition of the the condition of the condition of the condition of the the condition of the condition of the condition of the the condition of the condition of the condition of the the condition of the condition of the condition of the the condition of the condition of the condition of the the condition of the condition of the condition of the condition of the c	cuted by both parties, in depicted in the map att. etween Provider (or "Con munications License Agr. In the event the date in tho ons Version 5.0" available or Service Level Agreense oduct under this Order Fo	ncorporating the terms, co ached hereto as Exhibit 1, upany") and Customer (or "I sement or other master agree e previous sentence is blank e at https://mww.crowncastl mt appikcable to the type of p rm shall apply.	nditions and provisi which is incorporat licensee") effective a ment between the par or the Agreement is e.com/berms-and-con-	ions of the Agreement; and by reference. s of the date of the last signifies dated no longer in effect, then the ditions ("Online Terms"), by this Order Form, then the second of the s	and, (B) the Products set forth nature below, and is subject to the
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herein shall be provisioned as ORDER ACCEPTANCE This Order Form is entered into be provisions of the Master Telecom incorporated herein by reference. "Crown Castle Terms and Conditi have not executed a Supplement or Online Terms applicable to the pro-	cuted by both parties, in depicted in the map att. etween Provider (or "Con immications License Agr. In the event the date in the ons Version 5.0" available of Service Level Agreeme oduct under this Order Fo Ligensee of	ncorporating the terms, co ached hereto as Exhibit 1, upany") and Customer (or "I sement or other master agree e previous sentence is blank e at https://mww.crowncastl mt appikcable to the type of p rm shall apply.	nditions and provisi, which is incorporational incorporation in the particular to the particular to the Agreement is e.com/terms-and-convoduct contemplated.	ions of the Agreement; and by reference. s of the date of the last signifies dated no longer in effect, then the ditions ("Online Tenns"), by this Order Form, then the Company of	and, (B) the Products set forth nature below, and is subject to the
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EXHIBIT "C" SCHEDULE OF COMPENSATION

I. Consultant shall be compensated in accordance with the following, which will include any and all expenses:

SERVICES	MONTHLY RATE	SUB-BUDGET
A: One-Time Implementation Services: Dark Fiber Testing. (Implementation)	\$0.00	\$0.00
B: Provide the City with Dark Fiber Services throughout the entire Contract Term	\$8,850.00	\$1,062,000.00

Established rates for variable items shall be at rates set forth below for the duration of Contract Term.

DARK FIBER SERVICE(S):

Dark Fiber			
Route	Location A	Location Z	Monthly Recurring Cost (USD)
Dark Fiber			
Route#1:			
Single Mode			
2-count			
Fiber (pair)		Los Angeles, CA	
Carson, CA		Colocation	
to Los		Facility	
Angeles, CA	Carson, CA	(Consultant	
Data Center	City-owned	On-Net	
(On-Net)	Data Center	Colocation)	\$2,950.00
Dark Fiber			
Redundant			
Route#2:			
Single Mode			
2-count		Irvine, CA	
Fiber (pair)		Colocation	
Carson, CA		Facility	
to Irvine, CA	Carson, CA	(Consultant	
Data Center	City-owned	On-Net	
(On-Net)	Data Center	Colocation)	\$2,950.00

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Dark Fiber			
Redundant			
Route#3:			
Single Mode			
2-count			
Fiber (pair)	Irvine, CA City-	Los Angeles, CA	
Irvine, CA to	owned Data	Colocation	
Los Angeles,	Center	Facility	
CA Data	(Consultant	(Consultant	
Center (On-	On-Net	On-Net	
Net)	Colocation)	Colocation)	\$2,950.00

- II. Within the budgeted amounts for each Task, and with the approval of the Contract Officer, funds may be shifted from one Task sub-budget to another so long as the Contract Sum is not exceeded per Section 2.1, unless Additional Services are approved per Section 1.8.
- III. The City will compensate Consultant for the Services performed upon submission of a valid invoice. Each invoice is to include:
 - **A.** Line items for all personnel describing the work performed, the number of hours worked, and the hourly rate.
 - **B.** Line items for all materials and equipment properly charged to the Services.
 - **C.** Line items for all other approved reimbursable expenses claimed, with supporting documentation.
 - **D.** Line items for all approved subcontractor labor, supplies, equipment, materials, and travel properly charged to the Services.
- IV. The total compensation for the Services shall not exceed \$1,062,000 as provided in Section 2.1 of this Agreement.

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EXHIBIT "D" SCHEDULE OF PERFORMANCE

I. Consultant shall perform all services timely in accordance with the following schedule:

Service	Start Date	Deadline Date	Time to Perform
A: One-Time Implementation Services: Dark Fiber Testing. (Implementation)	No Later than (120) Days after Contract Execution	10/31/24	120 Days
B: Provide the City with Dark Fiber Services throughout the entire Contract Term	11/1/24 or whenever implementation is completed, whichever is earlier	N/A	10 Years

II. The Contract Officer may approve extensions for performance of the services in accordance with Section 3.2.

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