

**AGREEMENT FOR WIRELESS AND RADIO FREQUENCY ENGINEERING AND
COMMUNICATIONS CONSULTING SERVICES**

BETWEEN

CITY AND COUNTY OF DENVER

AND

CENTERLINE SOLUTIONS, LLC

AT

DENVER INTERNATIONAL AIRPORT

AGREEMENT

THIS AGREEMENT FOR WIRELESS AND RADIO FREQUENCY ENGINEERING AND COMMUNICATIONS CONSULTING SERVICES (Contract Number PLANE-201310449-00) ('Agreement'), made and entered into as of the date set forth on the signature page below (the "Effective Date") by and between the **CITY AND COUNTY OF DENVER**, a municipal corporation of the State of Colorado ("City"), Party of the First Part, and **CENTERLINE SOLUTIONS, LLC**, a Colorado limited liability company ("Consultant"), Party of the Second Part;

WITNESSETH:

WHEREAS, the City owns and operates Denver International Airport ("DIA" or the "Airport"), and will require professional services for wireless and radio frequency engineering and communications consulting services, and such other work as may be requested by the City, at Denver International Airport; and

WHEREAS, The City undertook a competitive selection process for such services, the Consultant as selected and is qualified and ready, willing and able to provide the requested hardware, software and professional services to the City, in accordance with the terms of this Agreement;

NOW, THEREFORE, for and in consideration of the premises and other good and valuable consideration, the parties hereto agree as follows:

1. LINE OF AUTHORITY:

The City's Manager of Aviation, his designee or successor in function (the "Manager of Aviation" or the "Manager") authorizes all work performed under this Agreement. The Manager hereby delegates his authority over the work described herein to the Airport's Deputy Manager of Aviation / Information Technologies (the "Deputy Manager") as the Manager's authorized representative for the purpose of administering, coordinating and approving work performed by the Consultant under this Agreement. The Deputy Manager's authorized representative for day-to-day administration of the Consultant's services under this Agreement is the Project Manager. The Consultant shall submit its reports, memoranda, correspondence and submittals to the Project Manager. The Manager and the Deputy Manager may rescind or amend any such designation of representatives or delegation of authority and the Deputy Manager may from time to time designate a different individual to act as Project Manager, upon notice to the Consultant.

2. SCOPE OF WORK:

A. The Consultant, under the general direction of, and in coordination with the Manager, or other designated supervisory personnel as set forth herein, shall diligently perform any and all authorized services provided under this Agreement. The Consultant shall provide the goods and services provided in the attached **Exhibit A, "SCOPE OF WORK"**.

B. Additional Services: The Consultant may also perform services, hereinafter referred to as "Additional Services," which relate to the subject matter of this Agreement, but which the Deputy Manager determines to be not described in the Scope of Work or in excess of the requirements of the Scope of Work. Change orders and/or additional Statements of Work (SOWs) will be provided as needed to document work beyond that identified in **Exhibit A**. The Consultant shall be compensated for such Additional Services only if the services and the amount of fees and reimbursable expenses for the services have been authorized in writing in advance by the Deputy Manager. The total amount of fees and reimbursable expense costs for Additional Services shall not cause this Agreement to exceed the Maximum Contract Liability set forth herein, and in no event shall the approval of Additional Services and the cost of performing them be deemed to constitute an agreement by the City to an increase in the Maximum Contract Liability.

C. The Consultant shall faithfully perform the work required under this Agreement in accordance with standards of care, skill, training, diligence and judgment provided by highly competent service providers who perform work of a similar nature to the work described in this Agreement.

3. TERM:

The Term of this Agreement shall commence on the Effective Date, and shall terminate three (3) years thereafter (the "Initial Term"), unless sooner terminated. Upon mutual agreement of the Parties, the term of this Agreement may be extended for a period of two (2) additional years beyond the Initial Term, by written amendment to this Agreement. Notwithstanding any other extension of term under this paragraph 3 the term of this Agreement may be extended by the mutual agreement of the parties, confirmed by written notice from the City to the Consultant, to allow the completion of any work which has been commenced prior to the date upon which this Agreement otherwise would terminate. However, no extension of the Term shall increase the Maximum Contract Liability stated herein; such amount may be changed only by a duly executed written amendment to this Agreement.

4. COMPENSATION AND PAYMENT:

A. Fee: The City agrees to pay to the Consultant, and the Consultant agrees to accept as its sole compensation for services rendered and costs incurred under this Agreement, the rates set forth on **Exhibit B, "RATES AND CHARGES"** and as may be further described herein.

B. Reimbursement Expenses: There are no reimbursable expenses allowed under this Agreement, unless approved in writing, in advance, by the Deputy Manager.

C. Invoicing: Consultant shall provide the City with a monthly invoice in a format and with a level of detail acceptable to the City. The City shall pay any undisputed amounts in accordance with its obligations under the City's Prompt Payment Ordinance.

D. Maximum Contract Liability:

(i) Any other provision of this Agreement notwithstanding, in no event shall the City be liable to pay for services rendered and expenses incurred by the Consultant under the terms of this Agreement for any amount in excess of Eight Hundred Thousand Dollars and 00 Cents (\$800,00.00) (the "Maximum Contract Liability"). Funding under the provisions of this paragraph 4.D. may be payable from the City's Airport System Capital Replacement Fund and/or Airport Operations and Maintenance Fund. The Consultant acknowledges that the City is not obligated to execute an Order, agreement or an amendment to this Agreement for any services and that any services performed by Consultant beyond that specifically described in an Order are performed at Consultant's risk and without authorization under this Agreement.

(ii) The Parties agree that the City's payment obligation, whether direct or contingent, shall extend only to funds appropriated as stated herein and encumbered for the purpose of this Agreement. The Parties agree that (a) the City does not by this Agreement irrevocably pledge present cash reserves for payment or performance in future fiscal years and (b) this Agreement is not intended to create a multiple-fiscal year direct or indirect debt or financial obligation of the City.

5. TAXES AND COSTS:

A. The Consultant, at its own expense, shall promptly pay, when due, all taxes, bills, debts and obligations it incurs performing work under this Agreement and shall allow no lien, mortgage, judgment or execution to be filed against land, facilities or improvements owned by the City.

B. The City shall provide to Consultant, at no cost, all necessary clearances and permits necessary to install and/or deliver the products and/or services under Agreement. Where such clearances, permits, leases, or fees of a similar nature are required to be obtained and paid for directly by Consultant, the City shall reimburse Consultant the actual cost of such items.

C. The City affirms that it is a tax-exempt entity under the Laws of the State of Colorado and this purchase qualifies for the Denver and Colorado sales tax exemption for sales to the United States government, the State of Colorado, its departments and institutions, and its political subdivisions (county and local governmental, school districts and special districts); is a government purchase used only in an official governmental capacity; and will be paid directly by a government agency. Taking into account the City's status, Consultant confirms that all Charges are inclusive of all taxes, levies, duties and assessments ("Taxes") of every nature in effect as of the Effective Date and due in connection with its performance of its obligations under this Agreement. Consultant is responsible for payment of such Taxes to the appropriate governmental authority.

6. STATUS OF CONSULTANT:

It is agreed and understood by and between the parties hereto that the status of the Consultant shall be that of an independent contractor retained on a contractual basis to perform professional or technical services for limited periods of time as described in Section 9.1.1(E)(x) of the Charter of the City and County of Denver, and it is not intended, nor shall it be construed, that the Consultant or its personnel are employees or officers of the City under Chapter 18 of the Revised Municipal Code for any purpose whatsoever.

7. NO AUTHORITY TO BIND CITY TO CONTRACTS:

The Consultant has no authority to bind the City on any contractual matters. Final approval of all contractual matters which obligate the City must be by the City as required by Charter and Ordinance.

8. PERSONNEL ASSIGNMENTS:

A. The Consultant shall assign a Project Manager to this Project that has experience and knowledge satisfactory to the City. The Project Manager shall be the contact person in dealing with the City's Project Manager on matters concerning this Project and shall have the authority to act for the Consultant's organization. Consultant's designated Project Manager shall remain assigned on this contract during the entire contract term, while in the employ of the Consultant, or, until such time that his performance is deemed unsatisfactory by the City and a formal written request is submitted which requests the removal of the Consultant's Project Manager.

B. The Consultant may submit and the City will consider a request for reassignment of a Project Manager, should the Consultant deem it to be in the best interest of the City, the best interest of the Consultant's organization or in the best interest of the Consultant's Project Manager.

C. If the City allows the removal of a Project Manager, the replacement Project Manager must have, at least, similar or equal experience and qualifications to that of the original Project Manager. The replacement Project Manager's assignment is subject to the approval of the Deputy Manager of Aviation.

D. All key professional personnel identified by the Consultant will be assigned by the Consultant or subcontractors to perform work under the Work. The Deputy Manager must approve additional personnel in writing. It is the intent of the parties hereto that all key professional personnel be engaged to perform their specialty for all such services required by the Work, and that the Consultant's and the sub-consultant's key professional personnel be retained for the life of this Agreement to the extent practicable and to the extent that such services maximize the quality of work performed hereunder.

E. If the Consultant decides to replace any of its key professional personnel, it shall notify the Deputy Manager in writing of the changes it desires to make. No such replacement shall be made until the replacement is approved in writing by the Deputy Manager, which approval shall not be unreasonably withheld. The Deputy Manager shall respond to the Consultant's written notice regarding replacement of key professional personnel within fifteen days after the Deputy Manager receives the list of key professional personnel, which the Consultant desires to replace. If the Deputy Manager or his designated representative does not respond within that time, the listed personnel shall be deemed to be approved.

F. If, during the term of this Agreement, the Deputy Manager determines that the performance of approved key personnel is not acceptable, he shall notify the Consultant, and he may give the Consultant notice of the period of time, which the Deputy Manager considers reasonable to correct such performance. If the Deputy Manager notifies the Consultant that certain of its key personnel should be reassigned, the Consultant will use its best efforts to obtain adequate substitute personnel within ten days from the date of the Deputy Manager's notice.

9. SUBCONTRACTORS:

A. Although the Consultant may retain, hire and contract with outside subcontractors, no final agreement or contract with any such subcontractor shall be entered into without the prior written consent of the Deputy Manager or his authorized representative. Requests for such approval must be made in writing and include a description of the nature and extent of the services to be provided, the name, address and professional experience of the proposed subcontractor, and any other information requested by the Deputy Manager. Any final agreement or contract with an approved subcontractor must contain a valid and binding provision whereby the subcontractor waives any and all rights to make any claim of payment against the City or to file or claim any lien or encumbrance against any City property arising out of the performance or non-performance of the contract.

B. Because the Consultant's represented professional qualifications are a consideration to the City in entering into this Agreement, the Deputy Manager shall have the right to reject any proposed outside subcontractor deemed by him, in his sole discretion, to be unqualified or unsuitable for any reason to perform the proposed services, and the Deputy Manager shall have the right to limit the number of outside subcontractors, or to limit the percentage of Work to be performed by them, all in his sole and absolute discretion.

C. The Consultant shall not retain any subcontractor to perform work under this Agreement if the Consultant is aware, after a reasonable written inquiry has been made, that the subcontractor is connected with the sale or promotion of equipment or material which is or may be used on work related to or following on from this Agreement, or that any other conflict of interest exists.

10. NO EMPLOYMENT OF ILLEGAL ALIENS TO PERFORM WORK UNDER THE AGREEMENT:

A. The Agreement is subject to Article 17.5 of Title 8, Colorado Revised Statutes, and Den. Rev. Mun. Code 20-90 and the Consultant is liable for any violations as provided in said statute and ordinance.

B. The Consultant certifies that:

(1) At the time of its execution of this Agreement, it does not knowingly employ or contract with an illegal alien who will perform work under this Agreement.

(2) It will participate in the E-Verify Program, as defined in § 8 17.5-101(3.7), C.R.S., to confirm the employment eligibility of all employees who are newly hired for employment to perform work under this Agreement.

C. The Consultant also agrees and represents that:

(1) It shall not knowingly employ or contract with an illegal alien to perform work under the Agreement.

(2) It shall not enter into a contract with a subcontractor or subconsultant that fails to certify to the Consultant that it shall not knowingly employ or contract with an illegal alien to perform work under the Agreement.

(3) It has confirmed the employment eligibility of all employees who are newly hired for employment to perform work under this Agreement, through participation in the E-Verify Program.

(4) It is prohibited from using either the E-Verify Program or the Department Program procedures to undertake pre-employment screening of job applicants while performing its obligations under the Agreement, and it has complied with all federal requirements regarding the use of the E-Verify program, including, by way of example, requirements related to employee notification and preservation of employee rights.

(5) If it obtains actual knowledge that a subcontractor or subconsultant performing work under the Agreement knowingly employs or contracts with an illegal alien, it will notify such subcontractor and the City within three days. The Consultant will also then terminate such subcontractor or subconsultant if within three days after such notice the subcontractor or subconsultant does not stop employing or contracting with the illegal alien, unless during such three day period the subcontractor or subconsultant provides information to establish that the subcontractor or subconsultant has not knowingly employed or contracted with an illegal alien.

(6) It will comply with any reasonable request made in the course of an investigation by the Colorado Department of Labor and Employment under authority of § 8-17.5-102(5), C.R.S. or the City Auditor under authority of Den. Rev. Mun. Code 20-90.3.

11. NO DISCRIMINATION IN EMPLOYMENT:

In connection with the performance of work under this Agreement, the Consultant agrees not to fail or refuse to hire, discharge, promote or demote, or to discriminate in matters of compensation, terms, conditions or privileges of employment against any person otherwise qualified, solely because of race, color, religion, national origin, gender, age, military status, sexual orientation, marital status, or physical or mental disability; and the Consultant further agrees to insert the foregoing provision in all subcontracts hereunder.

12. DSBO GOALS:

The Consultant may be subject to the City's ordinance, DRMC Chapter 28, Article III (MBE/WBE Ordinance) which prohibits discrimination in the awarding of contracts and subcontracts and directs the DSBO Director to establish goals for MBE and WBE participation in the preconstruction and construction of City-owned facilities. The goal for this Agreement is: *Not Applicable*. If it is determined that project goals apply, such project goals must be met with certified MBE and WBE participants or by demonstrating good faith efforts under the MBE/WBE Ordinance. The Consultant must comply with the terms and conditions of the MBE/WBE Ordinance in soliciting and contracting with its subcontractors in administering the performance of the work hereunder. It shall be an ongoing, affirmative obligation of the Consultant to maintain, at a minimum, compliance with the originally achieved level of MBE/WBE participation upon which this Agreement was awarded, for the duration of this Agreement, unless the City initiates a material alteration to the scope of work.

13. PREVAILING WAGES:

Employees of the Consultant or its subcontractors may be subject to the payment of prevailing wages pursuant to D.R.M.C. 20-76, depending upon the nature of the Work. By executing this Agreement, the Consultant covenants that it is familiar with this Code Section and is prepared to pay or cause to be paid prevailing wages, if any, applicable to the work conducted by the Consultant's or its subcontractor's employees. The schedule of prevailing wage is periodically updated and Consultant is responsible for payment of then current prevailing wage. The Consultant may obtain a current schedule of prevailing wage rates at any time from the City Auditor's Office.

14. PROMPT PAY:

The Consultant is subject to D.R.M.C. Section 20-112 wherein the Consultant is to pay its subcontractors in a timely fashion. A payment is timely if it is mailed to the subcontractor no later than seven days after receipt of any payment from City. Any late payments are subject to a late payment penalty as provided for in the prompt pay ordinance (Section 20-107 through 20-118).

15. CITY REVIEW OF PROCEDURES:

The Consultant agrees that, upon request of the Deputy Manager, at any time during the term of the Agreement or three years thereafter, it will make full disclosure to the City of the means, methods, and procedures used in performance of services hereunder.

16. COORDINATION OF SERVICES:

The Consultant agrees to perform its work under this Agreement in accordance with the operational requirements of DIA, and all work and movement of personnel or equipment on areas included within the DIA site shall be subject to the regulations and restrictions established by the City or its authorized agents.

17. INSURANCE:

A. The Consultant shall obtain and keep in force during the entire term of this Agreement, including any warranty periods, all of the minimum insurance coverage forms and amounts set forth in **Exhibit D**, which is incorporated into this Agreement by this reference. The Consultant shall submit to the City fully completed and executed certificates of insurance (ACORD form or equivalent approved by the City) which specifies the issuing company or companies, policy numbers and policy periods for each required form of coverage. The certificates for each insurance policy are to be signed by a person authorized by the insurer to bind coverage on its behalf, and must be submitted to the City at the time the Consultant signs this Agreement.

B. All certificates and any required endorsements must be received and approved by the City before any work commences. Each insurance policy required by this Agreement must be in effect at or prior to commencement of work under this Agreement and remain in effect for the duration of the project, including any warranty periods. Failure to maintain the insurance policies as required by this Agreement or to provide evidence of renewal is a material breach of the Agreement. All subcontractors' work shall also be subject to the minimum requirements identified in **Exhibit D**. All subcontractors' certificates and endorsements must be received and approved by the Consultant before work commences. The City reserves the right to request copies of these certificates at any time.

C. All certificates required by this Agreement shall be sent directly to Denver International Airport, Risk Management, Airport Office Building, Room 8810, 8500 Pena Boulevard, Denver, Colorado 80249. The City Project/Agreement number and project description shall be noted on the certificate of insurance. The City reserves the right to require complete, certified copies of all insurance policies required by this Agreement at any time.

D. The City's acceptance of any submitted insurance certificate is subject to the approval of the City's Risk Management Administrator. All coverage requirements specified in the certificate shall be enforced unless waived or otherwise modified in writing by the City's Risk Management Administrator.

E. The Consultant shall comply with all conditions and requirements set forth in the insurance certificate for each required form of coverage during all periods in which coverage is in effect.

F. The insurance coverage forms specified in this Agreement are the minimum requirements, and these requirements do not lessen or limit the liability of the Consultant under the terms of this Agreement, including the Indemnification provisions herein. The Consultant shall maintain, at its own expense, any additional kinds and amounts of insurance that it may deem necessary to cover its obligations and liabilities under this Agreement.

18. DEFENSE AND INDEMNIFICATION:

A. Consultant hereby agrees to defend, indemnify, and hold harmless City, its appointed and elected officials, agents and employees against all liabilities, claims, judgments, suits or demands for damages to persons or property arising out of, resulting from, or relating to the work performed under this Agreement (“Claims”), unless such Claims have been specifically determined by the trier of fact to be the sole negligence or willful misconduct of the City. This indemnity shall be interpreted in the broadest possible manner to indemnify City for any acts or omissions of Consultant or its subcontractors either passive or active, irrespective of fault, including City’s concurrent negligence whether active or passive, except for the sole negligence or willful misconduct of City.

B. Consultant’s duty to defend and indemnify City shall arise at the time written notice of the Claim is first provided to City regardless of whether Claimant has filed suit on the Claim. Consultant’s duty to defend and indemnify City shall arise even if City is the only party sued by claimant and/or claimant alleges that City’s negligence or willful misconduct was the sole cause of claimant’s damages.

C. Consultant will defend any and all Claims which may be brought or threatened against City and will pay on behalf of City any expenses incurred by reason of such Claims including, but not limited to, court costs and attorney fees incurred in defending and investigating such Claims or seeking to enforce this indemnity obligation. Such payments on behalf of City shall be in addition to any other legal remedies available to City and shall not be considered City’s exclusive remedy.

D. Insurance coverage requirements specified in this Agreement shall in no way lessen or limit the liability of the Consultant under the terms of this indemnification obligation. The Consultant shall obtain, at its own expense, any additional insurance that it deems necessary for the City’s protection.

E. This defense and indemnification obligation shall survive the expiration or termination of this Agreement.

19. COLORADO GOVERNMENTAL IMMUNITY ACT:

The parties hereto understand and agree that the City and County of Denver, its officers, officials and employees, are relying on, and do not waive or intend to waive by any provisions of this Agreement, the monetary limitations or any other rights, immunities and protections

provided by the Colorado Governmental Immunity Act, §§ 24-10-101 to 120, C.R.S., or otherwise available to the City and County of Denver, its officers, officials and employees.

20. INTELLECTUAL PROPERTY INDEMNIFICATION AND LIMITATION OF LIABILITY:

Consultant shall (i) defend City against any third party claim that the Work, or materials provided by Consultant to City infringe a patent, copyright or other intellectual property right, and (ii) pay the resulting costs and damages finally awarded against City by a court of competent jurisdiction or the amounts stated in a written settlement signed by Consultant. The foregoing obligations are subject to the following: the City (a) notifies the Consultant promptly in writing of such claim, (b) grants the Consultant sole control over the defense and settlement thereof subject to the final approval of the City Attorney, and (c) reasonably cooperates in response to request for assistance. Should such a claim be made, or in the Consultant's opinion be likely to be made, the Consultant may, at its option and expense, (1) procure for the City the right to make continued use thereof, or (2) replace or modify such so that it becomes non-infringing. If the preceding two options are commercially unreasonable, then Consultant shall refund the portion of any fee for the affected Work. The Consultant shall have no indemnification obligation to the extent that the infringement arises out of or relates to: (a) the use or combination of the subject Work and/or materials with third party products or services, (b) use for a purpose or in a manner for which the subject Work and/or materials were not designed in accordance with Consultant's standard documentation; (c) any modification to the subject Work and/or materials made by anyone other than the Consultant or its authorized representatives, if the infringement claim could have been avoided by using the unaltered version of the Work and/or materials, (d) any modifications to the subject Work and/or materials made by the Consultant pursuant to the City's specific instructions, or (e) any technology owned or licensed by the indemnitee from third parties. THIS SECTION STATES THE INDEMNITEE'S SOLE AND EXCLUSIVE REMEDY AND THE INDEMNITOR'S ENTIRE LIABILITY FOR THIRD PARTY INFRINGEMENT CLAIMS.

21. INTELLECTUAL PROPERTY RIGHTS; OWNERSHIP OF HARDWARE AND SOFTWARE:

A. Ownership: The City and Consultant intend that all property rights to any and all materials, text, logos, documents, booklets, manuals, references, guides, brochures, advertisements, music, sketches, plans, drawings, prints, photographs, specifications, software, data, products, ideas, inventions, and any other work or recorded information created by the Consultant and paid for by the City pursuant to this Agreement, in preliminary or final forms and on any media (collectively, "Materials"), shall belong to the City. The Consultant shall disclose all such items to the City. To the extent permitted by the U.S. Copyright Act, 17 USC § 101, et seq., the Materials are a "work made for hire" and all ownership of copyright in the Materials shall vest in the City at the time the Materials are created. To the extent that the Materials are not a "work made for hire," the Consultant hereby sells, assigns and transfers all right, title and interest in and to the Materials to the City, including the right to secure copyright, patent, trademark, and other intellectual property rights throughout the world and to have and to hold such copyright, patent, trademark and other intellectual property rights in perpetuity. Upon

the City's written concurrence that the hardware and software are satisfactorily installed and payment to the Consultant by City under the terms of this Agreement, title to the hardware shall automatically pass to the City.

B. License Grant: *Not Applicable*.

C. Reservation of Rights: Consultant reserves all rights not expressly granted to City in this Agreement. Except as expressly stated, nothing herein shall be construed to: (1) directly or indirectly grant to a receiving party any title to or ownership of a providing party's intellectual property rights in services or materials furnished by such providing party hereunder, or (2) preclude such providing party from developing, marketing, using, licensing, modifying or otherwise freely exploiting services or materials that are similar to or related to the Work or materials provided hereunder. Notwithstanding anything to the contrary herein, City acknowledges that Consultant has the right to use any City provided materials solely for the benefit of City in connection with the Work performed hereunder for City.

22. OWNERSHIP OF WORK PRODUCT:

Except as otherwise set forth at paragraph 21, above, all plans, drawings, reports, other submittals, and other documents submitted to the City or its authorized agents by the Consultant shall become and are the property of the City, and the City may, without restriction, make use of such documents and underlying concepts as it sees fit. The Consultant shall not be liable for any damage which may result from the City's use of such documents for purposes other than those described in this Agreement.

23. COMPLIANCE WITH PATENT, TRADEMARK, COPYRIGHT AND SOFTWARE LICENSING LAWS:

A. The Consultant agrees that all work performed under this Agreement shall comply with all applicable patent, trademark, copyright and software licensing laws, rules, regulations and codes of the United States. The Consultant will not utilize any protected patent, trademark or copyright in performance of its work unless it has obtained proper permission and all releases and other necessary documents. If the Consultant prepares any design documents which specify any material, equipment, process or procedure which is protected, the Consultant shall disclose such patents, trademarks and copyrights in the construction drawings or specifications.

B. The Consultant further agrees to release, indemnify and save harmless the City, its officers, agents and employees, pursuant to Paragraph 18, "Defense and Indemnification," and Paragraph 20, "Intellectual Property Indemnification and Limitation of Liability," from any and all claims, damages, suits, costs, expenses, liabilities, actions or proceedings of any kind or nature whatsoever, of or by anyone whomsoever, in any way resulting from, or arising out of, directly or indirectly, the performance of work under this Agreement which violates or infringes upon any patent, trademark, copyright or software license protected by law, except in cases where the Consultant's personnel are working under the direction of City personnel and do not have direct knowledge or control of information regarding patents, trademarks, copyrights and software licensing.

24. SOFTWARE SOURCE CODE ESCROW:

Not Applicable.

25. ADVERTISING AND PUBLIC DISCLOSURES:

The Consultant shall not include any reference to this Agreement or to work performed hereunder in any of its advertising or public relations materials without first obtaining the written approval of the Manager. Any oral presentation or written materials related to DIA shall include only presentation materials, work product, and technical data which have been accepted by the City, and designs and renderings, if any, which have been accepted by the City. The Manager shall be notified in advance of the date and time of any such presentations. Nothing herein, however, shall preclude the Consultant's use of this contract and its component parts in GSA form 254 or 255 presentations, or the transmittal of any information to officials of the City, including without limitation, the Mayor, the Manager, any member or members of City Council, and the Auditor.

26. COLORADO OPEN RECORDS ACT:

The Consultant acknowledges that the City is subject to the provisions of the Colorado Open Records Act, Colorado Revised Statutes §24-72-201 et seq., and the Consultant agrees that it will fully cooperate with the City in the event of a request or lawsuit arising under such act for the disclosure of any materials or information which the Consultant asserts is confidential and exempt from disclosure. Any other provision of this Agreement notwithstanding, including exhibits, attachments and other documents incorporated into this Agreement by reference, all materials, records and information provided by the Consultant to the City shall be considered confidential by the City only to the extent provided in the Open Records Act, and the Consultant agrees that any disclosure of information by the City consistent with the provisions of the Open Records Act shall result in no liability of the City.

27. DATA CONFIDENTIALITY:

A. For the purpose of this Agreement, confidential information means any information, knowledge and data marked “Confidential Information” or “Proprietary Information” or similar legend. All oral and/or visual disclosures of Confidential Information shall be designated as confidential at the time of disclosure, and be summarized, in writing, by the disclosing Party and given to the receiving Party within thirty (30) days of such oral and/or visual disclosures.

B. The disclosing Party agrees to make known to the receiving Party, and the receiving Party agrees to receive Confidential Information solely for the purposes of this Agreement. All Confidential Information delivered pursuant to this Agreement:

(i) shall not be distributed, disclosed, or disseminated in any way or form by the receiving Party to anyone except its own employees, corporate partners, affiliates and alliance partners who have a need to know said Confidential Information;

(ii) shall be treated by the receiving Party with the same degree of care to avoid disclosure to any third Party as is used with respect to the receiving Party's own information of like importance which is to be kept confidential.

C. These obligations shall not apply, however, to any information which:

(i) is already in the public domain or becomes available to the public through no breach of this Agreement by the receiving Party; or

(ii) was in the receiving Party's possession prior to receipt from the disclosing Party; or

(iii) is received by the receiving Party independently from a third Party free to disclose such information; or

(iv) is subsequently independently developed by the receiving Party as proven by its written records; or

(v) is disclosed when such disclosure is compelled pursuant to legal, judicial, or administrative proceeding, or otherwise required by law, subject to the receiving Party giving all reasonable prior notice to the disclosing Party to allow the disclosing Party to seek protective or other court orders.

D. Upon the request from the disclosing Party, the receiving Party shall return to the disclosing Party all Confidential Information, or if directed by the disclosing Party, shall destroy such Confidential Information.

28. EXAMINATION OF RECORDS:

A. The Consultant agrees that the City's duly authorized representatives, including but not limited to the City's Auditor, shall, until the expiration of three (3) years after the final payment under this Agreement, have access to and the right to examine any directly pertinent books, documents, papers and records of the Consultant involving this Agreement.

B. In connection with any services performed hereunder on items of work toward which federal funds may be received under the Airport and Airway Development Act of 1970, as amended, the City, the Federal Aviation Administration, the Comptroller General of the United States, and any of their duly authorized representatives, shall have access to any books, documents, papers and records of the Consultant which are directly pertinent to a specific grant program for the purpose of making audit, examination, excerpts and transcriptions. The Consultant further agrees that such records will contain information concerning the personnel, hours and specific tasks performed, along with the applicable federal project number.

29. INFORMATION FURNISHED BY CITY:

The City will furnish to the Consultant available information concerning DIA and any such other matters that may be necessary or useful in connection with the work to be performed by the Consultant under this Contract. The Consultant shall be responsible for the verification of the information provided to the Consultant.

30. TERMINATION:

A. The City has the right to terminate this Agreement without cause on thirty (30) days written notice to the Consultant, and with cause on ten (10) days written notice to the Consultant. However, nothing herein shall be construed as giving the Consultant the right to perform services under this Agreement beyond the time when such services become unsatisfactory to the Manager.

B. If the Consultant is discharged before all the services contemplated hereunder have been completed, or if the Consultant's services are for any reason terminated, stopped or discontinued because of the inability of the Consultant to provide service under this Agreement, the Consultant shall be paid only for those services satisfactorily performed prior to the time of termination.

C. If this Agreement is terminated, the City shall take possession of all materials, equipment, tools and facilities owned by the City which the Consultant is using by whatever method it deems expedient, and the Consultant shall deliver to the City all drafts or other documents it has completed or partially completed under this Agreement, together with all other items, materials and documents which have been paid for by the City, and these documents and materials shall be the property of the City.

D. Upon termination of this Agreement by the City, the Consultant shall have no claim of any kind whatsoever against the City by reason of such termination or by reason of any act incidental thereto, except as follows: if the termination is for the convenience of the City the Consultant shall be entitled to reimbursement for the reasonable cost of the Work to the date of termination, including multiplier, and reasonable costs of orderly termination, provided request for such reimbursement is made no later than six (6) months from the effective date of termination. The Consultant shall not be entitled to loss of anticipated profits or any other consequential damages as a result of any such termination for convenience, and in no event shall the total sums paid exceed the Contract Amount.

31. RIGHTS AND REMEDIES NOT WAIVED:

In no event shall any payment by the City hereunder constitute or be construed to be a waiver by the City of any breach of covenant or default which may then exist on the part of the Consultant, and the making of any such payment when any such breach or default shall exist

shall not impair or prejudice any right or remedy available to the City with respect to such breach or default; and no assent, expressed or implied, to any breach of any one or more covenants, provisions or conditions of this Agreement shall be deemed or taken to be a waiver of any other breach.

32. SURVIVAL OF CERTAIN CONTRACT PROVISIONS:

The parties understand and agree that all terms and conditions of this Agreement, including any warranty provision, which by reasonable implication contemplate continued performance or compliance beyond the termination of this Agreement (by expiration of the term or otherwise) shall survive such termination and shall continue to be enforceable as provided herein.

33. NOTICES:

Notwithstanding any other provision of this Agreement, notices concerning termination of this Agreement, notices of alleged or actual violations of the terms of this Agreement, and other notices of similar importance shall be made as follows:

by Consultant to: Manager of Aviation
 Denver International Airport
 8500 Peña Boulevard, 9th Floor
 Denver, Colorado 80249-6340

And by City to: Centerline Solutions, LLC
 16360 Table Mountain Parkway
 Golden, CO 80403

Said notices shall be delivered personally during normal business hours to the appropriate office above or by prepaid U.S. certified mail, return receipt requested. Mailed notices shall be deemed effective upon deposit with the U.S. Postal Service. Either party may from time to time designate substitute addresses or persons where and to whom such notices are to be mailed or delivered, but such substitutions shall not be effective until actual receipt of written notification thereof.

34. NO THIRD PARTY BENEFICIARIES:

It is expressly understood and agreed that enforcement of the terms and conditions of this Agreement and all rights of action relating to such enforcement shall be strictly reserved to the City and the Consultant, and nothing contained in this Agreement shall give or allow any such claim or right of action by any other or third person on such Agreement. It is the express intention of the City and the Consultant that any person other than the City or the Consultant receiving services or benefits under this Agreement shall be deemed to be an incidental beneficiary only.

35. ASSIGNMENT:

The Consultant shall not assign, pledge or transfer its duties and rights under this Agreement, in whole or in part, without first obtaining the written consent of the Manager. Any attempt by the Consultant to assign or transfer its rights hereunder without such prior written consent shall, at the option of the Manager, automatically terminate this Agreement and all rights of the Consultant hereunder. Such consent may be granted or denied at the sole and absolute discretion of the Manager.

36. CONFLICT OF INTEREST:

The Consultant agrees that it and its subsidiaries, affiliates, subcontractors, principals, or employees will not engage in any transaction, activity or conduct which would result in a conflict of interest. The Consultant represents that it has disclosed any and all current or potential conflicts of interest. A conflict of interest shall include transactions, activities, or conduct that would affect the judgment, actions or work of the Consultant by placing the Consultant's own interests, or the interest of any party with whom the Consultant has a contractual arrangement, in conflict with those of the City. The City, in its sole discretion, shall determine the existence of a conflict of interest and may terminate this Agreement if such a conflict exists, after it has given the Consultant written notice which describes such conflict. The Consultant shall have thirty days after the notice is received in which to eliminate or cure the conflict of interest in a manner which is acceptable to the City.

37. GOVERNING LAW; BOND ORDINANCES; VENUE; DISPUTES:

A. This Agreement is made under and shall be governed by the laws of Colorado. Each and every term, provision or condition herein is subject to the provisions of Colorado law, the Charter of the City and County of Denver, and the ordinances and regulations enacted pursuant thereto. Venue for any action arising hereunder shall be in the City and County of Denver, Colorado.

B. This Agreement is in all respects subject and subordinate to any and all City bond ordinances applicable to the Denver Municipal Airport System and to any other bond ordinances which amend, supplement, or replace such bond ordinances.

C. All disputes between the City and Consultant regarding this Agreement shall be resolved by administrative hearing pursuant to the procedure established by D.R.M.C. § 5-17.

38. COMPLIANCE WITH ALL LAWS AND REGULATIONS:

All of the work performed under this Agreement by the Consultant shall comply with all applicable laws, rules, regulations and codes of the United States and the State of Colorado, the charter, ordinances and rules and regulations of the City and County of Denver, and all Denver International Airport Rules and Regulations.

39. FEDERAL PROVISIONS:

This Agreement is subject and subordinate to the terms, reservations, restrictions and conditions of any existing or future agreements between the City and the United States, the execution of which has been or may be required as a condition precedent to the transfer of federal rights or property to the City for airport purposes and the expenditure of federal funds for the extension, expansion or development of the Denver Municipal Airport System, including DIA. The provisions of the attached Appendices Nos. 1 and 3 are incorporated herein by reference.

40. AIRPORT SECURITY:

A. It is a material requirement of this Contract that the Consultant shall comply with all rules, regulations, written policies and authorized directives from the City and/or the Transportation Security Administration with respect to Airport security. The Consultant shall conduct all of its activities at the Airport in compliance with the Airport security program, which is administered by the Security Section of the Airport Operations Division, Department of Aviation. Violation by the Consultant or any of its employees, subcontractors or vendors of any rule, regulation or authorized directive from the City or the Transportation Security Administration with respect to Airport Security shall be grounds for immediate termination by the City of this Contract for cause.

B. The Consultant shall promptly upon notice of award of this Contract, meet with the Airport's Assistant Security Manager to establish badging and vehicle permit requirements for the Consultant's operations under this Contract. The Consultant shall obtain the proper access authorizations for all of its employees, subcontractors and vendors who will enter the Airport to perform work or make deliveries, and shall be responsible for each such person's compliance with all Airport rules and regulations, including without limitation those pertaining to security. Any person who violates such rules may be subject to revocation of his/her access authorization. The failure of the Consultant or any subcontractor to complete any required services hereunder shall not be excused on account of the revocation for good cause of access authorization of any person.

C. The security status of the Airport is subject to change without notice. If the security status of the Airport changes at any time during the term of this Contract, the Consultant shall take immediate steps to comply with security modifications which occur as a result of the changed status. The Consultant may at any time obtain current information from the Airport Security Office regarding the Airport's security status in relation to the Consultant's operations at the Airport.

D. The Consultant shall return to the City at the expiration or termination of this Contract, or upon demand by the City, all access keys or access badges issued to it or any subcontractor for any area of the Airport, whether or not restricted. If the Consultant fails to do so, the Consultant shall be liable to reimburse the City for all the City's costs for work required

to prevent compromise of the Airport security system. The City may withhold funds in the amount of such costs from any amounts due and payable to the Consultant under this Contract.

41. USE, POSSESSION OR SALE OF ALCOHOL OR DRUGS:

The Consultant and Consultant's agents shall cooperate and comply with the provisions of the City and County of Denver Executive Order No. 94 and Attachment A thereto concerning the use, possession or sale of alcohol or drugs. Violation of these provisions or refusal to cooperate with implementation of the policy can result in the City's barring the Consultant and Consultant's agents from City facilities or participating in City operations.

42. CITY SMOKING POLICY:

Consultant acknowledges that smoking is not permitted in Airport buildings and facilities except for designated Airport Smoking Concessions, and so agrees that it will prohibit smoking by its employees and the public in indoor areas and within 15 feet of entryways of the Airport Premises, except as may otherwise be permitted by the Colorado Clean Indoor Air Act, C.R.S. §§ 25-14-201 to 209. Consultant and its officers, agents, and employees shall cooperate and comply with the provisions of the Denver Revised Municipal Code, §§ 24-301 to 317 et. seq., the Colorado Clean Indoor Air Act, C.R.S. §§ 25-14-201 to 209, City's Executive Order No. 99 dated December 1, 1993, and Executive Order No. 13 dated July 31, 2002.

43. PARAGRAPH HEADINGS:

The captions and headings set forth herein are for convenience of reference only, and shall not be construed so as to define or limit the terms and provisions hereof.

44. CONTRACT DOCUMENTS; ORDER OF PRECEDENCE:

This Agreement consists of Sections 1 through 51 which precede the signature page, and the following attachments which are incorporated herein and made a part hereof by reference (the "Contract Documents"):

Appendix No. 1:	Standard Federal Assurances
Appendix No. 3:	Nondiscrimination in Airport Employment Opportunities
Exhibit A:	Scope of Work
Exhibit B:	Rates and Charges
Exhibit C:	<i>Reserved</i>
Exhibit D	Certificate of Insurance

In the event of an irreconcilable conflict between a provision of Sections 1 through 51 and any of the listed attachments or between provisions of any attachments, such that it is impossible to give effect to both, the order of precedence to determine which document shall control to resolve such conflict, is as follows, in descending order:

Appendices No. 1 and 3

Sections 1 through 51 hereof
Exhibit A
Exhibit B
Exhibit D

45. AGREEMENT AS COMPLETE INTEGRATION; AMENDMENTS:

This Agreement is intended as the complete integration of all understandings between the parties. No prior or contemporaneous addition, deletion, or other amendment hereto shall have any force or effect whatsoever, unless embodied herein in writing. No subsequent novation, renewal, addition, deletion, or other amendment hereto shall have any force or effect unless embodied in a written amendatory or other agreement properly executed by the parties. This Agreement and any amendments shall be binding upon the parties, their successors and assigns.

46. INUREMENT:

The rights and obligations of the parties herein set forth shall inure to the benefit of and be binding upon the parties hereto and their respective successors and assigns permitted under this Agreement.

47. FORCE MAJEURE:

Neither party shall be liable for any failure to perform any of its obligations hereunder due to or caused by, in whole or in part, fire, strikes, lockouts, unusual delay by common carriers, unavoidable casualties, war, riots, acts of terrorism, acts of civil or military authority, acts of God, judicial action, or any other causes beyond the control of the parties. Both parties shall have the duty to take reasonable actions to mitigate or prevent further delays or losses resulting from such causes.

48. SEVERABILITY; ENTIRE AGREEMENT:

If any part, portion or provision of this Agreement shall be found or declared null, void, or unenforceable for any reason whatsoever by any court of competent jurisdiction or any governmental agency having applicable authority, only such part, portion, or provision shall be affected thereby and all other parts, portions and provisions of this Agreement shall remain in full force and effect. The Contract Documents form the entire agreement between the parties and are fully binding on the parties. No oral representations or other agreements have been made except as specifically stated in the Contract Documents.

49. COUNTERPARTS OF THIS AGREEMENT:

This Agreement may be executed in counterparts, each of which shall be deemed to be an original of this Agreement.

50. ELECTRONIC SIGNATURES AND ELECTRONIC RECORDS:

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

51. CITY EXECUTION OF AGREEMENT:

This Agreement is expressly subject to and shall not be or become effective or binding on the City until it has been approved by City Council, if so required by law, and fully executed by all signatories of the City and County of Denver.

[SIGNATURE PAGE FOLLOWS]

Contract Control Number:

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

SEAL

CITY AND COUNTY OF DENVER

ATTEST:

By _____

APPROVED AS TO FORM:

REGISTERED AND COUNTERSIGNED:

By _____

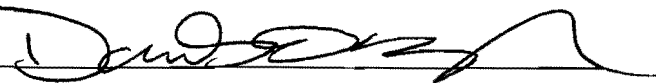
By _____

By _____



Contract Control Number: PLANE-201310449-00

Contractor Name: CENTERLINE SOLUTIONS LLC

By: 

Name: Daniel D McLaughlin
(please print)

Title: COO
(please print)

ATTEST: [if required]

By: _____

Name: _____
(please print)

Title: _____
(please print)



APPENDIX NO. 1

STANDARD FEDERAL ASSURANCES

NOTE: As used below the term "contractor" shall mean and include the "Party of the Second Part," and the term "sponsor" shall mean the "City".

During the term of this contract, the contractor, for itself, its assignees and successors in interest (hereinafter referred to as the "contractor") agrees as follows:

1. Compliance with Regulations. The contractor shall comply with the Regulations relative to nondiscrimination in federally assisted programs of the Department of Transportation (hereinafter "DOT") Title 49, Code of Federal Regulations, Part 21, as they may be amended from time to time (hereinafter referred to as the Regulations), which are herein incorporated by reference and made a part of this contract.

2. Nondiscrimination. The contractor, with regard to the work performed by it during the contract, shall not discriminate on the grounds of race, color, sex, creed or national origin in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The contractor shall not participate either directly or indirectly in the discrimination prohibited by section 21.5 of the Regulations, including employment practices when the contract covers a program set forth in Appendix B of the Regulations.

3. Solicitations for Subcontractors, Including Procurements of Materials and Equipment. In all solicitations either by competitive bidding or negotiation made by the contractor for work to be performed under a subcontract, including procurements of materials or leases of equipment, each potential subcontractor or supplier shall be notified by the contractor of the contractor's obligations under this contract and the Regulations relative to nondiscrimination on the grounds of race, color, or national origin.

4. Information and Reports. The contractor shall provide all information and reports required by the Regulations or directives issued pursuant thereto and shall permit access to its books, records, accounts other sources of information, and its facilities as may be determined by the sponsor or the Federal Aviation Administration (FAA) to be pertinent to ascertain compliance with such Regulations, orders, and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish this information, the contractor shall so certify to the sponsor of the FAA, as appropriate, and shall set forth what efforts it has made to obtain the information.

5. Sanctions for Noncompliance. In the event of the contractor's noncompliance with the nondiscrimination provisions of this contract, the sponsor shall impose such contract sanctions as it or the FAA may determine to be appropriate, including, but not limited to:

a. Withholding of payments to the contractor under the contract until the contractor complies, and/or

b. Cancellation, termination, or suspension of the contract, in whole or in part.

6. Incorporation of Provisions. The contractor shall include the provisions of paragraphs 1 through 5 in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Regulations or directives issued pursuant thereto. The contractor shall take such action with respect to any subcontract or procurement as the sponsor or the FAA may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, however, that in the event a contractor becomes involved in, or is threatened with, litigation with a subcontractor or supplier as a result of such direction, the contractor may request the sponsor to enter into such litigation to protect the interests of the sponsor and, in addition, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

APPENDIX NO. 3

NONDISCRIMINATION IN AIRPORT EMPLOYMENT OPPORTUNITIES

The Party of the Second Part assures that it will comply with pertinent statutes, Executive Orders and such rules as are promulgated to assure that no person shall, on the grounds of race, creed, color, national origin, sex, age, or handicap be excluded from participating in any activity conducted with or benefiting from Federal assistance. This Provision obligates the Party of the Second Part or its transferee for the period during which Federal assistance is to provide, or is in the form of personal property or real property or an interest herein or structures or improvements thereon. In these cases, this Provision obligates the Party of the Second Part or any transferee for the longer of the following periods: (a) the period during which the property is used by the sponsor or any transferee for a purpose for which Federal assistance is extended, or for another purpose involving the provision of similar services or benefits; or (b) the period during which the airport sponsor or any transferee retains ownership or possession of the property. In the case of contractors, this Provision binds the contractors from the bid solicitation period through the completion of the contract.

It is unlawful for airport operators and their lessees, tenants, concessionaires and contractors to discriminate against any person because of race, color, national origin, sex, creed, or handicap in public services and employment opportunities.

EXHIBIT A

SCOPE OF WORK

EXHIBIT A

**WIRELESS AND RADIO FREQUENCY ENGINEERING
AND CONSULTING SERVICES**

SCOPE OF WORK

- A. General. The Consultant shall be required, when and as requested in writing by the City, to provide staff, both on-site and on an on-demand basis, to provide various elements of wireless telecommunications design, analysis, troubleshooting, measurement, installation, and project management support for new and existing radio frequency systems at Denver International Airport (DIA).
1. On-site staff will augment the DIA Technologies RF and Wireless staff, while coordinating with various technical and engineering departments. Office space and limited support facilities will be provided by DIA for the Consultant’s on-site staff.
 2. Consultant staff utilized for Task Order work may be located off-site. Work on these tasks may be designed and managed by the Consultant’s own office with trips to DIA for meetings, field investigations, inspections and other activities relative to assigned tasks.
- B. Telecommunications and Radio Frequency (RF) Systems. The Consultant may be required to provide various elements of design, modification and coordination on the systems listed below. This is not an all-inclusive list and the Consultant may also be required to work with other new or existing systems at DIA.

Table 1 – List of Telecommunications and Radio Frequency Systems	
Automatic Vehicle Identification	Microwave Radio Networks
OET-65 Compliance	Radio Frequency Application Coordination
VHF Air to Ground	Radio Frequency Distribution System
Broadcast Origination	Satellite Communications
Cable Television	Software Development
Communications Centers	SONET/DISC*S Networks
Differential GPS	System Control and Data Acquisition
FCC Licensing and Compliance	Systems Integration
AM Broadcast Station (TIS)	Satellite Earth Stations
LPFM	Taxi Staging
Cellular Telephone Networks	Telephone Crash and Briefing Networks
PCS Networks	Unlicensed Radio Systems
MMDS	800 & 900 Trunked Radio Systems
LTE	All other RF Systems at DIA

- C. Budget and Planning. The Consultant shall assist the DIA Technologies RF and Wireless staff in the annual budget and planning process as it relates to the implementation, maintenance, expansion, modification or replacement of airport RF systems. This assistance shall include identification of projects, preparation of budgetary

Exhibit A, Scope of Work

estimates, prioritization of projects, project planning documents and participation in planning and budget meetings.

- D. Project Requirements. The Consultant shall assist the DIA Technologies RF and Wireless staff in the definition of requirements for RF system projects, whether stand-alone or as part of a larger project. The Consultant shall formalize these requirements into scope of work documents for implementation by internal airport staff or include these requirements as design criteria for larger projects to be designed and executed by others.
- E. Monitor Requirements. The Consultant shall monitor these requirements through completion, reporting to the DIA Project Manager on progress and issues. The Consultant shall maintain a database of action items, responsible parties, and originators of requirements as a vehicle for monitoring and reporting progress.
- F. Inventory Frequencies. The Consultant shall be responsible to inventory all airport-approved or FCC-licensed RF systems and frequencies on and within five miles of DIA and also create, maintain and keep current a database of these systems and frequencies.
- G. RF Consulting and Design. The Consultant shall perform incidental RF design and general RF consulting work as requested by the DIA RF and Wireless Supervisor. This work shall include field investigation, production of drawings, proposed procurement documents, and other requests which may be required.
- H. Design Work. Incidental design work is generally produced for execution by internal DIA Technologies or other Technologies contract staff, for inter-department design coordination or record-keeping purposes. Some work will require the involvement of a Colorado Registered Professional Engineer when required for permitting purposes.
- I. Task Order Work. Certain design or general consulting projects will be assigned to the Consultant on a Task Order basis. These task orders may require the Consultant to perform a well-defined scope of work, or RF interference, coverage, capacity or access problem, which may involve field investigation, analysis, design, production of contract documents, bidding and negotiation support, construction administration or written recommended solutions to RF problems. Task orders generally address a well-defined scope of work with well-defined deliverables and outcomes. The Consultant will normally be given a finite time and a maximum fee for performing work under each task order.
- J. Review RF Applications. As requested by the DIA Technologies RF and Wireless Supervisor, the Consultant shall review and recommend approval, disapproval or modification of all RF applications for new, or modification of existing, RF systems on DIA.

Exhibit A, Scope of Work

- K. Project Management. The airport generally has one or more design/construction projects in progress at any time. These projects involve teams of technicians, engineers and other designers with varying degrees of familiarity with DIA and the varied special systems and system requirements.
- L. Project Coordination. The Consultant may be required to coordinate with third-party designers on large, multi-discipline projects to ensure that:
1. DIA end-user RF requirements are incorporated into the third-party designer's work.
 2. The systems designed by the third-party Consultant are in compliance with DIA engineering and construction design guidelines, Technologies' RF Technical Standards, and other RF requirements.
 3. The systems designed for the project do not interfere with existing or planned DIA RF systems and correctly interface with the DIA Premise Wiring and Communications System.
- M. Review Designs. The Consultant shall review the third-party design work prior to bid to ensure the design fully complies with the items identified above.
- N. Value Engineering. The Consultant shall, if requested, participate in any value engineering or cost reduction exercises to ensure that changes to the design do not adversely affect the ability of DIA to effectively operate or maintain the system(s) in question.
- O. Meetings. The Consultant shall participate in project meetings, design sessions and other activities where RF systems issues are discussed.
- P. Systems Testing. The Consultant shall act on behalf of DIA in all RF system testing, commissioning and acceptance activities.
- Q. Staff Augmentation. When requested by the DIA Technologies RF and Wireless Supervisor, the Consultant shall serve as a functional extension of DIA Technologies staff. These activities may include participation in internal design and planning sessions, tenant and management meetings, RF interference issues, capacity, coverage and access issue resolution or any other activity where the DIA Technologies staff requires the Consultant's services.
- R. Staff Assignments. The Consultant shall also provide specially assigned staff for specific purposes as requested by the DIA Technologies RF and Wireless Supervisor. This type of assignment may include such specialty areas as FCC license applications and research, technical RF license/lease language recommendations and technical exhibits, white papers/recommendations concerning specific emerging RF technologies

and standards, non-ionizing RF radiation and maximum permissible exposure level (MPE) studies and other related assignments.

- S. Firm Experience. Consultant should demonstrate experience with all radio systems listed in Table 1 above. This experience should include the design, licensing, procurement, installation, operation, and maintenance. Companies must show relevant company experience for the following at a minimum:
- P25 LMR Systems (specifically Harris and Motorola)
 - WiFi Systems (and other license-free radio systems)
 - FCC Compliance, License Requests, Region 7 Coordination
 - VHF Air-to-Ground Systems
 - Dispatch Consoles and Communications Centers
 - Microwave Links
 - Analysis and Measurement of Maximum Permissible Exposure (MPE) per FCC

Consultant must have capabilities to measure radio performance in accordance with (IAW) standards such as TIA/EIA 603, TSB-88, FCC emission mask, and others. Consultant must also have the ability to calculate intermodulation products, radio desensitization, interference and other radio transmission impairments of a hostile electromagnetic environment.

- T. Tools, Software, Equipment and Training. The consultant will, on occasion, be required to conduct specialized testing. The consultant is expected to own general purpose RF test equipment such as spectrum analyzers, signal generators, service monitors, transmitters, test receivers, an RF exposure meter, external amplifiers, attenuators and other equipment needed for task orders. Rental of specialized equipment, when needed, will be reimbursable, but general purpose RF test equipment is the responsibility of the consultant.

Software tools used to provide design and planning are required. These include microwave link analysis, multi-site radio coverage analysis, topographical data (30 meter or less), indoor radio mapping software, and other engineering tools required for tasks.

Consultant should have automated tools for calculating intermodulation products and radio desensitization to assist in radio site planning and active interference complaints.

Engineers and technicians assigned to tasks must be able to operate both the equipment and software as needed to complete the task.

- U. Labor Categories and Qualifications. The firm shall employ at least one professional electrical engineer licensed in the State of Colorado with experience in wireless systems. The firm shall employ at least one person qualified to fill each of the following categories (some personnel can qualify for more than one category, but principal engineer and a senior engineer must be separate employees of the firm).

1. Program Manager. The program manager shall hold a 4-year college degree in engineering, physical sciences or management and shall have a minimum of 15 years of experience managing wireless projects.

Exhibit A, Scope of Work

2. Principal Engineer. As a minimum, the principal engineer shall hold a BSEE from a four-year ABET-accredited institution. An MSEE is preferred. The principal engineer shall have a minimum of 15 years of experience after graduation designing, analyzing, and supervising the construction of wireless facilities. At least one engineer holding this position shall be a licensed professional engineer in the State of Colorado.
 3. Senior Engineer. As a minimum, a senior engineer shall hold a BSEE from a four-year ABET-accredited institution. A senior engineer shall have at least 10 years of experience after graduation designing, analyzing, and supervising the construction of wireless facilities. He or she will be familiar with land mobile radio, cellular radio, PCS, point-to-point microwave, paging, and unlicensed band radios. Two or more years of experience with P25 systems and Wireless LAN systems are required.
 4. Staff Engineer. As a minimum, a staff engineer shall hold a BSEE from a four-year ABET-accredited institution or a BSEET from a four-year institution. A staff engineer shall have at least five years of experience after graduation in wireless communications or may have less than five years of experience if he or she holds a BSEE from a four-year accredited institution. A Cisco Certified Network Associate (CCNA) is a plus.
 5. Senior Radio Technician. A senior radio technician shall have at least 5 years of experience in the installation, repair, and troubleshooting of land mobile radio systems. Formal training in one or more manufacturer radio systems is required. A two-year associate degree in electronics is preferred. At least two years of experience with P25 radio systems is required. A Cisco Certified Network Associate (CCNA) is a plus.
 6. Radio Installer. A radio installer shall have at least 1 year experience in the installation and checkout of land mobile radio systems. Formal training in one or more manufacturer radio systems is required.
 7. Draftsman. A draftsman shall have formal training in the use of one or more computer-aided drafting programs, including AutoCAD.
- V. Professional Responsibility. The firm's employees and agents shall conduct themselves in a professional and courteous manner at all times while on DIA's premises. All personnel will comply with all airport rules and regulations. Under no circumstances shall any employee or representative of the firm request, demand, or accept any gratuity: (1) while on the airport, or (2) related to any work or services under this agreement, or (3) with respect to any other department or consulting service under contract with the City and County of Denver.

END

EXHIBIT B – RATES AND CHARGES

**WIRELESS AND RADIO FREQUENCY ENGINEERING
AND COMMUNICATIONS CONSULTING SERVICES RFP**

COST PROPOSAL WORKSHEET

Classification	Hourly Rate
Principal Engineer	\$125
Senior Engineer	\$110
Staff Engineer	\$90
Radio Technician	\$60
Radio Installer	\$60
Draftsman	\$45

**CITY AND COUNTY OF DENVER
INSURANCE REQUIREMENTS FOR THE DEPARTMENT OF AVIATION**

Certificate Holder Information:

CITY AND COUNTY OF DENVER
Attn: Risk Management, Suite 8810
Manager of Aviation
Denver International Airport
8500 Peña Boulevard, Room 8810
Denver CO 80249

CONTRACT NAME & NUMBER TO WHICH THIS INSURANCE APPLIES: 201310449 – Wireless & Radio Frequency Engineering and Consulting Services

I. MANDATORY COVERAGE

Colorado Workers' Compensation and Employer Liability Coverage

Coverage: COLORADO Workers' Compensation

Minimum Limits of Liability (In Thousands)

WC Limits: \$100, \$500, \$100

And Employer's Liability Limits:

Any Policy issued under this section must contain, include or provide for the following:

1. All States Coverage or Colorado listed as a covered state for the Workers' Compensation
2. Waiver of Subrogation and Rights of Recovery against the City and County of Denver (the "City"), its officers, officials and employees.

Commercial General Liability Coverage

Coverage: Commercial General Liability (coverage at least as broad as that provided by ISO form CG0001 or equivalent)

Minimum Limits of Liability (In Thousands):

Each Occurrence:	\$1,000
General Aggregate Limit:	\$2,000
Products-Completed Operations Aggregate Limit:	\$2,000
Personal & Advertising Injury:	\$1,000
Fire Damage Legal - Any one fire:	\$1,000

Any Policy issued under this section must contain, include or provide for the following:

1. City, its officers, officials and employees as additional insureds, per ISO form CG2010 and CG 2037 or equivalents.
2. Coverage for defense costs of additional insureds outside the limits of insurance, per CG0001.
3. Liability assumed under an Insured Contract (Contractual Liability).
4. The full limits of coverage must be dedicated to apply to this project/location, per ISO form CG2503 or equivalent.
5. Waiver of Subrogation and Rights of Recovery, per ISO form CG2404 or equivalent.
6. Separation of Insureds Provision required
7. General Aggregate Limit Applies Per: Policy ___Project ___Location___, if applicable

Business Automobile Liability Coverage

Coverage: Business Automobile Liability (coverage at least as broad as ISO form CA0001)

Minimum Limits of Liability (In Thousands): Combined Single Limit \$1,000

Any Policy issued under this section must contain, include or provide for the following:

1. Symbol 1, coverage for any auto. If no autos are owned, Symbols 8 & 9, (Hired and Non-owned) auto liability.
2. If this contract involves the transport of hazardous cargo such as fuel, solvents or other hazardous materials may occur, then Broadened Pollution Endorsement, per ISO form CA 9948 or equivalent and MCS 90 are required.

II. ADDITIONAL COVERAGE

Umbrella Liability

Coverage:

Umbrella Liability, Non Restricted Area		
Minimum Limits of Liability (In Thousands)	Each Occurrence and aggregate	\$1,000
Umbrella Liability Restricted Area	Each Occurrence and aggregate	\$9,000

Any Policy issued under this section must contain, include or provide for the following:

1. City, its officers, officials and employees as additional insureds.
2. Coverage in excess of, and at least as broad as, the primary policies in sections WC-1, CGL-1, and BAL-1.
3. **If operations include unescorted airside access at DIA, then a \$9 million Umbrella Limit is required.**

Professional Liability, Design, Engineering and Construction Supervision

Coverage: Professional Liability

Minimum Limits of Liability (In Thousands)	Per Claim	\$1,000
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Any Policy issued under this section must contain, include or provide for the following:

1. Coverage must extend, by endorsement or otherwise, to cover the full scope of any and all environmental work performed under the insured's contract with the City.
2. Coverage shall extend to cover the full scope of all cost estimating work performed under the insured's contract with the City.
3. Coverage shall apply for three (3) years after project is complete.
4. Coverage is to be on a primary basis, if other professional coverage is carried.

Contractors Pollution Liability Coverage (including asbestos)

Coverage: Contractors Pollution Liability

Minimum Limits of Liability (In Thousands)	\$1,000 per occurrence, \$2,000 aggregate
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Any Policy issued under this section must contain, include or provide for the following:

1. Coverage must extend, by endorsement or otherwise, to cover the full scope of all work performed by, or on behalf of, the Insured under the Insured's contract with the City.
2. Coverage shall cover the Insured's completed operations for a period no less than 3 years.
3. City, its officers, officials and employees as additional insureds, and shall include liability and defense of claims arising out of the work performed by, or on behalf of, the Insured.
4. Full limits of coverage dedicated to apply to this project/location.
5. Waiver of Subrogation and Rights of Recovery against the City and County of Denver, its officers, officials and employees.
6. Coverage shall apply to sudden and gradual pollution conditions resulting from the escape or release of smoke, vapors, fumes, acids, alkalis, toxic chemicals, liquids, or gases, natural gas, waste materials, or other irritants, contaminants, or pollutants (including asbestos).
7. If the coverage is written on a claims-made basis
 - a. the Insured warrants that any retroactive date applicable to coverage under the policy precedes the effective date of this Contract; and
 - b. continuous coverage will be maintained or an extended reporting period will be maintained for a period no less than three (3) years beginning from the time that work under this contract is completed.

Installation Floater

Minimum Limits of Liability (In Thousands)

Completed Value Basis

Unless otherwise provided, the Insured shall purchase and maintain, in a company or companies lawfully authorized to do business in the jurisdiction in which the Project is located, Builders' Risk Insurance in the amount of the initial Contract Sum, plus value of subsequent modifications, change orders, and cost of material supplied or installed by others, comprising total value of the entire Project at the site on a replacement cost basis.

- a. Policy must provide coverage from the time any covered property becomes the responsibility of the Insured, and continue without interruption during construction, renovation, or installation, including any time during which the covered property is being transported to the construction installation site, or awaiting installation, whether on or off site.
- b. Such Builders' Risk Insurance shall be maintained, unless otherwise provided in the Contract Documents or otherwise agreed in writing by all persons and entities who are beneficiaries of such insurance, until formal acceptance of the project by the owner (DIA) or the placement of permanent property insurance coverage, whichever is later.
- c. The Builders' Risk insurance shall include interests of the Denver International Airport and if applicable, affiliated or associate entities, the General Contractor, subcontractors and sub-tier contractors in the Project.
- d. The Builders Risk insurance shall be written on a **Special Completed Value** Covered Cause of Loss form and shall include theft, vandalism, malicious mischief, collapse, false-work, temporary buildings, transit, debris removal, demolition, increased cost of construction, flood (including water damage), earthquake, and if applicable, all below and above ground structures, piping, foundations including underground water and sewer mains, pilings including the ground on which the structure rests and excavation, backfilling, filling and grading.
- e. The Builders' Risk shall include a Beneficial Occupancy Clause. The policy shall specifically permit occupancy of the building during construction. City and County of Denver Contractor shall take reasonable steps to obtain consent of the insurance company and delete any provisions with regard to restrictions within any Occupancy Clauses within the Builder's Risk Policy. The Builder's Risk Policy shall remain in force until acceptance of the project by the City.
- f. Equipment Breakdown Coverage (a.k.a. Boiler & Machinery) shall be included as required by the Contract Documents or by law, which shall specifically covers insured equipment during installation and testing (including cold and hot testing).

The deductible shall not exceed \$25,000 and shall be the responsibility of the Contractor except for losses that involve all Acts of God such as flood, earthquake, windstorm, tsunami, or volcano.

III. ADDITIONAL CONDITIONS

It is understood and agreed, for the benefit of the City, that the following additional conditions shall apply to all coverage specified herein

- All coverage provided herein shall be primary and any insurance maintained by the City shall be considered excess.
- With the exception of professional liability and auto liability, a Waiver of Subrogation and Rights of Recovery against the City, its officers, officials and employees is required for each coverage period.
- The City shall have the right to verify or confirm, at any time, all coverage, information or representations contained herein, and the insured and its undersigned agent shall promptly and fully cooperate in any such audit the City may elect to undertake.
- Advice of renewal is required.
- All insurance companies issuing policies hereunder must carry at least an A -VI rating from A.M. Best Company or obtain a written waiver of this requirement from the City's Risk Administrator.
- Compliance with coverage requirement by equivalent herein must be approved in writing by the City's Risk Administrator prior to contract execution.
- No changes, modifications or interlineations on this document shall be allowed without the review and

approval of the Risk Administrator prior to contract execution.

NOTICE OF CANCELLATION

It is understood and agreed that should any Policy issued hereunder be cancelled or non-renewed before the expiration date thereof, or sustain a material change in coverage adverse to the City, the issuing company or its authorized Agent shall give notice to the Department of Aviation in accordance with policy provisions.