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AGREEMENT

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THIS AGREEMENT is made and entered, in duplicate, as of September 18, 2013, for reference purposes only, pursuant to a minute order adopted by the City Council of the City of Long Beach at its meeting on September 17, 2013, by and between IMS INFRASTRUCTURE MANAGEMENT SERVICES, LLC, an Arizona limited liability company ("Consultant"), with a place of business at 1820 W. Drake Drive, Suite 108, Tempe, Arizona 85283, and the CITY OF LONG BEACH, a municipal corporation ("City").

WHEREAS, City requires specialized services requiring unique skills to be performed in connection with engineering consulting services for the development of the City's pavement maintenance and management system ("Project"); and

WHEREAS, City has selected Consultant in accordance with City's administrative procedures and City has determined that Consultant and its employees are qualified, licensed, if so required, and experienced in performing these specialized services; and

WHEREAS, City desires to have Consultant perform these specialized services, and Consultant is willing and able to do so on the terms and conditions in this Agreement;

NOW, THEREFORE, in consideration of the mutual terms, covenants, and conditions in this Agreement, the parties agree as follows:

SCOPE OF WORK OR SERVICES. 1.

Consultant shall furnish specialized services more particularly described in Exhibit "A", attached to this Agreement and incorporated by this reference, in accordance with the standards of the profession, and City shall pay for these services in the manner described below, not to exceed Six Hundred Thirty One Thousand Two Hundred Ninety-Three Dollars (\$631,293), at the rates or charges shown in Exhibit "B".

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- Consultant may select the time and place of performance for B. these services; provided, however, that access to City documents, records and the like, if needed by Consultant, shall be available only during City's normal business hours and provided that milestones for performance, if any, are met.
- C. Consultant has requested to receive regular payments. City shall pay Consultant in due course of payments following receipt from Consultant and approval by City of invoices showing the services or task performed, the time expended (if billing is hourly), and the name of the Project. Consultant shall certify on the invoices that Consultant has performed the services in full conformance with this Agreement and is entitled to receive payment. Each invoice shall be accompanied by a progress report indicating the progress to date of services performed and covered by the invoice, including a brief statement of any Project problems and potential causes of delay in performance, and listing those services that are projected for performance by Consultant during the next invoice cycle. Where billing is done and payment is made on an hourly basis, the parties acknowledge that this arrangement is either customary practice for Consultant's profession, industry or business, or is necessary to satisfy audit and legal requirements which may arise due to the fact that City is a municipality.
- D. Consultant represents that Consultant has obtained all necessary information on conditions and circumstances that may affect its performance and has conducted site visits, if necessary.
- Consultant shall not begin work until this Ε. CAUTION: Agreement has been signed by both parties and until Consultant's evidence of insurance has been delivered to and approved by City.
- TERM. The term of this Agreement shall commence at midnight on 2. October 1, 2013, and shall terminate at 11:59 p.m. on October 1, 2014, unless sooner terminated as provided in this Agreement, or unless the services or the Project is completed sooner.

3. COORDINATION AND ORGANIZATION.

A. Consultant shall coordinate its performance with City's representative, if any, named in Exhibit "C", attached to this Agreement and incorporated by this reference. Consultant shall advise and inform City's representative of the work in progress on the Project in sufficient detail so as to assist City's representative in making presentations and in holding meetings on the Project. City shall furnish to Consultant information or materials, if any, described in Exhibit "D", attached to this Agreement and incorporated by this reference, and shall perform any other tasks described in the Exhibit.

- B. The parties acknowledge that a substantial inducement to City for entering this Agreement was and is the reputation and skill of Consultant's key employee, Stephen J. Smith. City shall have the right to approve any person proposed by Consultant to replace that key employee.
- 4. <u>INDEPENDENT CONTRACTOR</u>. In performing its services, Consultant is and shall act as an independent contractor and not an employee, representative or agent of City. Consultant shall have control of Consultant's work and the manner in which it is performed. Consultant shall be free to contract for similar services to be performed for others during this Agreement; provided, however, that Consultant acts in accordance with Section 9 and Section 11 of this Agreement. Consultant acknowledges and agrees that (a) City will not withhold taxes of any kind from Consultant's compensation; (b) City will not secure workers' compensation or pay unemployment insurance to, for or on Consultant's behalf; and (c) City will not provide and Consultant is not entitled to any of the usual and customary rights, benefits or privileges of City employees. Consultant expressly warrants that neither Consultant nor any of Consultant's employees or agents shall represent themselves to be employees or agents of City.

INSURANCE.

A. As a condition precedent to the effectiveness of this

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Agreement, Consultant shall procure and maintain, at Consultant's expense for the duration of this Agreement, from insurance companies that are admitted to write insurance in California and have ratings of or equivalent to A:V by A.M. Best Company or from authorized non-admitted insurance companies subject to Section 1763 of the California Insurance Code and that have ratings of or equivalent to A:VIII by A.M. Best Company, the following insurance:

- (a) Commercial general liability insurance (equivalent in scope to ISO form CG 00 01 11 85 or CG 00 01 10 93) in an amount not less than \$1,000,000 per each occurrence and \$2,000,000 general aggregate. This coverage shall include but not be limited to broad form contractual liability, cross liability, independent contractors liability, and products and completed operations liability. City, its boards and commissions, and their officials, employees and agents shall be named as additional insureds by endorsement (on City's endorsement form or on an endorsement equivalent in scope to ISO form CG 20 10 11 85 or CG 20 26 11 85 or both CG 20 10 07 04 and CG 20 37 07 04 or both CG 20 33 07 04 and CG 20 37 07 04), and this insurance shall contain no special limitations on the scope of protection given to City, its boards and commissions, and their officials, employees and agents. This policy shall be endorsed to state that the insurer waives its right of subrogation against City, its boards and commissions, and their officials, employees and agents.
- (b) Workers' Compensation insurance as required by the California Labor Code and employer's liability insurance in an amount not less than \$1,000,000. This policy shall be endorsed to state that the insurer waives its right of subrogation against City, its boards and commissions, and their officials, employees and agents.
- (c) Professional liability or errors and omissions insurance in an amount not less than \$1,000,000 per claim.

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- (d) Commercial automobile liability insurance (equivalent in scope to ISO form CA 00 01 06 92), covering Auto Symbol 1 (Any Auto) in an amount not less than \$500,000 combined single limit per accident.
- self-insured retention, B. self-insurance program, or deductible must be separately approved in writing by City's Risk Manager or designee and shall protect City, its officials, employees and agents in the same manner and to the same extent as they would have been protected had the policy or policies not contained retention or deductible provisions.
- Each insurance policy shall be endorsed to state that C. coverage shall not be reduced, non-renewed or canceled except after thirty (30) days prior written notice to City, shall be primary and not contributing to any other insurance or self-insurance maintained by City, and shall be endorsed to state that coverage maintained by City shall be excess to and shall not contribute to insurance or self-insurance maintained by Consultant. Consultant shall notify City in writing within five (5) days after any insurance has been voided by the insurer or cancelled by the insured.
- If this coverage is written on a "claims made" basis, it must D. provide for an extended reporting period of not less than one hundred eighty (180) days, commencing on the date this Agreement expires or is terminated, unless Consultant guarantees that Consultant will provide to City evidence of uninterrupted, continuing coverage for a period of not less than three (3) years, commencing on the date this Agreement expires or is terminated.
- Consultant shall require that all subconsultants or contractors Ε. that Consultant uses in the performance of these services maintain insurance in compliance with this Section unless otherwise agreed in writing by City's Risk Manager or designee.
- Prior to the start of performance, Consultant shall deliver to F. City certificates of insurance and the endorsements for approval as to sufficiency

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and form. In addition, Consultant shall, within thirty (30) days prior to expiration of the insurance, furnish to City certificates of insurance and endorsements evidencing renewal of the insurance. City reserves the right to require complete certified copies of all policies of Consultant and Consultant's subconsultants and contractors, at any time. Consultant shall make available to City's Risk Manager or designee all books, records and other information relating to this insurance, during normal business hours.

- G. Any modification or waiver of these insurance requirements shall only be made with the approval of City's Risk Manager or designee. Not more frequently than once a year, City's Risk Manager or designee may require that Consultant, Consultant's subconsultants and contractors change the amount, scope or types of coverages required in this Section if, in his or her sole opinion, the amount, scope or types of coverages are not adequate.
- The procuring or existence of insurance shall not be Η. construed or deemed as a limitation on liability relating to Consultant's performance or as full performance of or compliance with the indemnification provisions of this Agreement.
- 6. This Agreement ASSIGNMENT AND SUBCONTRACTING. contemplates the personal services of Consultant and Consultant's employees, and the parties acknowledge that a substantial inducement to City for entering this Agreement was and is the professional reputation and competence of Consultant and Consultant's Consultant shall not assign its rights or delegate its duties under this employees. Agreement, or any interest in this Agreement, or any portion of it, without the prior approval of City, except that Consultant may with the prior approval of the City Manager of City, assign any moneys due or to become due Consultant under this Agreement. Any attempted assignment or delegation shall be void, and any assignee or delegate shall acquire no right or interest by reason of an attempted assignment or delegation. Furthermore, Consultant shall not subcontract any portion of its performance without the

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prior approval of the City Manager or designee, or substitute an approved subconsultant or contractor without approval prior to the substitution. Nothing stated in this Section shall prevent Consultant from employing as many employees as Consultant deems necessary for performance of this Agreement.

- by 7. CONFLICT OF INTEREST. Consultant, executing this Agreement, certifies that, at the time Consultant executes this Agreement and for its duration. Consultant does not and will not perform services for any other client which would create a conflict, whether monetary or otherwise, as between the interests of City and the interests of that other client. And, Consultant shall obtain similar certifications from Consultant's employees, subconsultants and contractors.
- 8. MATERIALS. Consultant shall furnish all labor and supervision, supplies, materials, tools, machinery, equipment, appliances, transportation and services necessary to or used in the performance of Consultant's obligations under this Agreement, except as stated in Exhibit "D".
- All materials, information and data 9. OWNERSHIP OF DATA. prepared, developed or assembled by Consultant or furnished to Consultant in connection with this Agreement, including but not limited to documents, estimates, graphs, charts, computer disks, computer source calculations, studies, maps, documentation, samples, models, reports, summaries, drawings, designs, notes, plans, information, material and memorandum ("Data") shall be the exclusive property of City. Data shall be given to City, and City shall have the unrestricted right to use and disclose the Data in any manner and for any purpose without payment of further compensation to Consultant. Copies of Data may be retained by Consultant but Consultant warrants that Data shall not be made available to any person or entity for use without the prior approval of City. This warranty shall survive termination of this Agreement for five (5) years.
- 10. TERMINATION. Either party shall have the right to terminate this Agreement for any reason or no reason at any time by giving fifteen (15) calendar days prior notice to the other party. In the event of termination under this Section, City shall

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pay Consultant for services satisfactorily performed and costs incurred up to the effective date of termination for which Consultant has not been previously paid. The procedures for payment in Section 1.B. with regard to invoices shall apply. On the effective date of termination. Consultant shall deliver to City all Data developed or accumulated in the performance of this Agreement, whether in draft or final form, or in process. And, Consultant acknowledges and agrees that City's obligation to make final payment is conditioned on Consultant's delivery of the Data to City.

- CONFIDENTIALITY. Consultant shall keep all Data confidential and 11. shall not disclose the Data or use the Data directly or indirectly, other than in the course of performing its services, during the term of this Agreement and for five (5) years following expiration or termination of this Agreement. In addition, Consultant shall keep confidential all information, whether written, oral or visual, obtained by any means whatsoever in the course of performing its services for the same period of time. Consultant shall not disclose any or all of the Data to any third party, or use it for Consultant's own benefit or the benefit of others except for the purpose of this Agreement.
- BREACH OF CONFIDENTIALITY. Consultant shall not be liable for 12. a breach of confidentiality with respect to Data that: (a) Consultant demonstrates Consultant knew prior to the time City disclosed it; or (b) is or becomes publicly available without breach of this Agreement by Consultant; or (c) a third party who has a right to disclose does so to Consultant without restrictions on further disclosure; or (d) must be disclosed pursuant to subpoena or court order.

ADDITIONAL COSTS AND REDESIGN. 13.

Any costs incurred by City due to Consultant's failure to meet Α. the standards required by the scope of work or Consultant's failure to perform fully the tasks described in the scope of work which, in either case, causes City to request that Consultant perform again all or part of the Scope of Work shall be at the sole cost of Consultant and City shall not pay any additional compensation to

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Consultant for its re-performance.

- If the Project involves construction and the scope of work B. requires Consultant to prepare plans and specifications with an estimate of the cost of construction, then Consultant may be required to modify the plans and specifications, any construction documents relating to the plans and specifications, and Consultant's estimate, at no cost to City, when the lowest bid for construction received by City exceeds by more than ten percent (10%) Consultant's estimate. This modification shall be submitted in a timely fashion to allow City to receive new bids within four (4) months after the date on which the original plans and specifications were submitted by Consultant.
- 14. AMENDMENT. This Agreement, including all Exhibits, shall not be amended, nor any provision or breach waived, except in writing signed by the parties which expressly refers to this Agreement.
- LAW. This Agreement shall be construed in accordance with the 15. laws of the State of California, and the venue for any legal actions brought by any party with respect to this Agreement shall be the County of Los Angeles, State of California for state actions and the Central District of California for any federal actions. Consultant shall cause all work performed in connection with construction of the Project to be performed in compliance with (1) all applicable laws, ordinances, rules and regulations of federal, state, county or municipal governments or agencies (including, without limitation, all applicable federal and state labor standards, including the prevailing wage provisions of sections 1770 et seq. of the California Labor Code); and (2) all directions, rules and regulations of any fire marshal, health officer, building inspector, or other officer of every governmental agency now having or hereafter acquiring jurisdiction.

16. PREVAILING WAGES.

Α. Consultant agrees that all public work (as defined in California Labor Code section 1720) performed pursuant to this Agreement (the "Public Work"), if any, shall comply with the requirements of California Labor Code

sections 1770 *et seq*. City makes no representation or statement that the Project, or any portion thereof, is or is not a "public work" as defined in California Labor Code section 1720.

- B. In all bid specifications, contracts and subcontracts for any such Public Work, Consultant shall obtain the general prevailing rate of per diem wages and the general prevailing rate for holiday and overtime work in this locality for each craft, classification or type of worker needed to perform the Public Work, and shall include such rates in the bid specifications, contract or subcontract. Such bid specifications, contract or subcontract must contain the following provision: "It shall be mandatory for the contractor to pay not less than the said prevailing rate of wages to all workers employed by the contractor in the execution of this contract. The contractor expressly agrees to comply with the penalty provisions of California Labor Code section 1775 and the payroll record keeping requirements of California Labor Code section 1771."
- 17. <u>ENTIRE AGREEMENT</u>. This Agreement, including all Exhibits, constitutes the entire understanding between the parties and supersedes all other agreements, oral or written, with respect to the subject matter in this Agreement.

18. INDEMNITY.

A. Consultant shall indemnify, protect and hold harmless City, its Boards, Commissions, and their officials, employees and agents ("Indemnified Parties"), from and against any and all liability, claims, demands, damage, loss, obligations, causes of action, proceedings, awards, fines, judgments, penalties, costs and expenses, including attorneys' fees, court costs, expert and witness fees, and other costs and fees of litigation, arising or alleged to have arisen, in whole or in part, out of or in connection with (1) Consultant's breach or failure to comply with any of its obligations contained in this Agreement, including any obligations arising from the Project's compliance with or failure to comply with applicable laws, including all applicable federal and state labor requirements

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including, without limitation, the requirements of California Labor Code section 1770 et seq. or (2) negligent or willful acts, errors, omissions or misrepresentations committed by Consultant, its officers, employees, agents, subcontractors, or anyone under Consultant's control, in the performance of work or services under this Agreement (collectively "Claims" or individually "Claim").

- In addition to Consultant's duty to indemnify, Consultant shall В. have a separate and wholly independent duty to defend Indemnified Parties at Consultant's expense by legal counsel approved by City, from and against all Claims, and shall continue this defense until the Claims are resolved, whether by settlement, judgment or otherwise. No finding or judgment of negligence, fault, breach, or the like on the part of Consultant shall be required for the duty to defend to arise. City shall notify Consultant of any Claim, shall tender the defense of the Claim to Consultant, and shall assist Consultant, as may be reasonably requested, in the defense.
- If a court of competent jurisdiction determines that a Claim was caused by the sole negligence or willful misconduct of Indemnified Parties, Consultant's costs of defense and indemnity shall be (1) reimbursed in full if the court determines sole negligence by the Indemnified Parties, or (2) reduced by the percentage of willful misconduct attributed by the court to the Indemnified Parties.
- The provisions of this Section shall survive the expiration or D. termination of this Agreement.
- AMBIGUITY. In the event of any conflict or ambiguity between this 19. Agreement and any Exhibit, the provisions of this Agreement shall govern.

NONDISCRIMINATION. 20.

In connection with performance of this Agreement and subject Α. to applicable rules and regulations, Consultant shall not discriminate against any employee or applicant for employment because of race, religion, national origin, color, age, sex, sexual orientation, gender identity, AIDS, HIV status, handicap or

disability. Consultant shall ensure that applicants are employed, and that employees are treated during their employment, without regard to these bases. These actions shall include, but not be limited to, the following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship.

B. It is the policy of City to encourage the participation of

- B. It is the policy of City to encourage the participation of Disadvantaged, Minority and Women-Owned Business Enterprises in City's procurement process, and Consultant agrees to use its best efforts to carry out this policy in its use of subconsultants and contractors to the fullest extent consistent with the efficient performance of this Agreement. Consultant may rely on written representations by subconsultants and contractors regarding their status. Consultant shall report to City in May and in December or, in the case of short-term agreements, prior to invoicing for final payment, the names of all subconsultants and contractors hired by Consultant for this Project and information on whether or not they are a Disadvantaged, Minority or Women-Owned Business Enterprise, as defined in Section 8 of the Small Business Act (15 U.S.C. Sec. 637).
- 21. <u>EQUAL BENEFITS ORDINANCE</u>. Unless otherwise exempted in accordance with the provisions of the Ordinance, this Agreement is subject to the applicable provisions of the Equal Benefits Ordinance (EBO), section 2.73 et seq. of the Long Beach Municipal Code, as amended from time to time.
 - A. During the performance of this Agreement, the Consultant certifies and represents that the Consultant will comply with the EBO. The Consultant agrees to post the following statement in conspicuous places at its place of business available to employees and applicants for employment:

"During the performance of a contract with the City of Long Beach, the Consultant will provide equal benefits to employees with spouses and its

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employees with domestic partners. Additional information about the City of Long Beach's Equal Benefits Ordinance may be obtained from the City of Long Beach Business Services Division at 562-570-6200."

- The failure of the Consultant to comply with the EBO will be B. deemed to be a material breach of the Agreement by the City.
- If the Consultant fails to comply with the EBO, the City may C. cancel, terminate or suspend the Agreement, in whole or in part, and monies due or to become due under the Agreement may be retained by the City. The City may also pursue any and all other remedies at law or in equity for any breach.
- Failure to comply with the EBO may be used as evidence D. against the Consultant in actions taken pursuant to the provisions of Long Beach Municipal Code 2.93 et seq., Contractor Responsibility.
- If the City determines that the Consultant has set up or used its contracting entity for the purpose of evading the intent of the EBO, the City may terminate the Agreement on behalf of the City. Violation of this provision may be used as evidence against the Consultant in actions taken pursuant to the provisions of Long Beach Municipal Code Section 2.93 et seq., Contractor Responsibility.
- NOTICES. Any notice or approval required by this Agreement shall 22. be in writing and personally delivered or deposited in the U.S. Postal Service, first class, postage prepaid, addressed to Consultant at the address first stated above, and to City at 333 West Ocean Boulevard, Long Beach, California 90802, Attn: City Manager, with a copy to the City Engineer at the same address. Notice of change of address shall be given in the same manner as stated for other notices. Notice shall be deemed given on the date deposited in the mail or on the date personal delivery is made, whichever occurs first.

23. COPYRIGHTS AND PATENT RIGHTS.

Consultant shall place the following copyright protection on all

- B. City reserves the exclusive right to seek and obtain a patent or copyright registration on any Data or other result arising from Consultant's performance of this Agreement. By executing this Agreement, Consultant assigns any ownership interest Consultant may have in the Data to City.
- C. Consultant warrants that the Data does not violate or infringe any patent, copyright, trade secret or other proprietary right of any other party. Consultant agrees to and shall protect, defend, indemnify and hold City, its officials and employees harmless from any and all claims, demands, damages, loss, liability, causes of action, costs or expenses (including reasonable attorney's fees) whether or not reduced to judgment, arising from any breach or alleged breach of this warranty.
- 24. COVENANT AGAINST CONTINGENT FEES. Consultant warrants that Consultant has not employed or retained any entity or person to solicit or obtain this Agreement and that Consultant has not paid or agreed to pay any entity or person any fee, commission or other monies based on or from the award of this Agreement. If Consultant breaches this warranty, City shall have the right to terminate this Agreement immediately notwithstanding the provisions of Section 10 or, in its discretion, to deduct from payments due under this Agreement or otherwise recover the full amount of the fee, commission or other monies.
- 25. <u>WAIVER</u>. The acceptance of any services or the payment of any money by City shall not operate as a waiver of any provision of this Agreement or of any right to damages or indemnity stated in this Agreement. The waiver of any breach of this Agreement shall not constitute a waiver of any other or subsequent breach of this Agreement.
- 26. <u>CONTINUATION</u>. Termination or expiration of this Agreement shall not affect rights or liabilities of the parties which accrued pursuant to Sections 7, 10, 11, 17, 19, 22 and 28 prior to termination or expiration of this Agreement.

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27. TAX REPORTING. As required by federal and state law, City is obligated to and will report the payment of compensation to Consultant on Form 1099-Misc. Consultant shall be solely responsible for payment of all federal and state taxes resulting from payments under this Agreement. Consultant shall submit Consultant's Employer Identification Number (EIN), or Consultant's Social Security Number if Consultant does not have an EIN, in writing to City's Accounts Payable, Department of Financial Management. Consultant acknowledges and agrees that City has no obligation to pay Consultant until Consultant provides one of these numbers.

- 28. <u>ADVERTISING</u>. Consultant shall not use the name of City, its officials or employees in any advertising or solicitation for business or as a reference, without the prior approval of the City Manager or designee.
- 29. <u>AUDIT</u>. City shall have the right at all reasonable times during the term of this Agreement and for a period of five (5) years after termination or expiration of this Agreement to examine, audit, inspect, review, extract information from and copy all books, records, accounts and other documents of Consultant relating to this Agreement.
- 30. <u>THIRD PARTY BENEFICIARY</u>. This Agreement is not intended or designed to or entered for the purpose of creating any benefit or right for any person or entity of any kind that is not a party to this Agreement.

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| IN WITNESS WHEREOF, the parties have caused this document to be duly |
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| executed with all formalities required by law as of the date first stated above. |
| IMS INFRASTRUCTURE MANAGEMENT SERVICES, LLC, an Arizona limited liability company By Name Name Title New York Name |
| October 9, 2013 By Name Stephen Smith Title Member Manager |
| "Consultant" |
| CITY OF LONG BEACH, a municipal corporation , 2013 By Assistant City Manager |
| "City" City Manager EXECUTED PURSUAL TO SECTION 301 OF THE CITY CHARTE |
| This Agreement is approved as to form on, 2013. |
| CHARLES PARKIN, City Attorney |
| By Deputy |
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EXHIBIT A

Scope of Work

| Task Summary Descriptions |
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| Narrative Project Description and Schedule |
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| Narrative Project Description and Schedule |
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| Subtotal for Task 0 |
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Page 1 of 6

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Work_Scope_Milestones_02262013.xls

| 1, 4 | 10% | QA/QC'd electronic data files for Task 5.1 | | General Pavement Trend | 3 | | 38 |
|---------------|------------------|--|----------------------------|-----------------------------------|----|-----|--------------|
| 1, 4 | 30% | secondary Arterials, and city-owned freeway, responses to stail's comments; and Final graphs, tables, charts, and figures for the PMP report. | | General Pavement Trend | | Çī | 37 |
| | | QA/QC'd General Pavement Trend graphs, tables, charts, and figures for each of the nine City Council Districts and city-wide Major Arterials, | | | | | |
| 1, 4 | 40% | report. | | General Pavement Trend | ı | 5 | 36 |
| | | comments; and Draft Final General Pavement Trend Chapters for the PMP | | | | | |
| | | Arterials, Secondary Arterials, and city-owned freeway; responses to Staff's | | | | | |
| | | specific to each of the nine City Council Districts and city-wide Major | | | | | |
| | | CAPACE and farres presenting General Payament Trend information | | | | | |
| 2,3 | TUU% | On /Orla magnetic adjacency and approximation of the provincing approximation of the provincin | | Subtotal for Task 4 | T | T | 35 |
| 1,4 | 20% | UA/UC d electronic data files for Task 4.2 | | Current (2013) Pavement Condition | 4 | 4 | 34 |
| 1,4 | 70% | QA/QC'd electronic data files for Task 4.1 | | Current (2013) Pavement Condition | _ | 4 | 33 |
| , , , | 30% | report. | | Current (2013) Pavement Condition | L | 4 | 32 |
| 7 | 200 | freeway; responses to Staff's comments; and Final Figures for the PMP | | | | | ; |
| | | Districts and city-wide Major Arterials, Secondary Arterials, and city-owned | | | | | |
| | | QA/QC'd Current (2013) PCI Figures for each of the nine City Council | | | | | |
| 1,4 | 40% | for the PMP report. | | Current (2013) Pavement Condition | Н | 4 | 31 |
| | | Staff's comments; and Final Current (2013) Pavement Condition Chapters | | | | | |
| | | Major Arterials, Secondary Arterials, and city-owned freeway; responses to | | | | | |
| | | | | | | | |
| | | charts, and figures presenting Current (2013) Pavement Condition | | | | | |
| | | QA/QC'd narrative discussions, descriptions, data, analysis, graphs, tables, | - | | | 7 | |
| 2, 3 | 100% | | | Subtotal for Task 3 | | 1 | 8 |
| 1, 4 | 5% | QA/QC'd MicroPAVER data files for Task 3.6 and Task 3.7 | | Pavement Condition Survey | 1 | ω | 29 |
| 1,4 | 5% | QA/QC'd electronic data files for Task 3.5 | | Pavement Condition Survey | 8 | 3 | 28 |
| 1, 4 | 5% | items of Task 2.2. | | Pavement Condition Survey | 7 | w | 27 |
| | <u> </u> | QA/QC'd MicroPAVER Network data table with: all items of Task 1.2 and all | | | | | |
| 1, 4 | 10% | developed and the critical PCI established using the critical PCI method. | | Pavement Condition Survey | 6 | ω | 26 |
| | | Condition Index (PCI) for the pavement. Life Cycle curves are to be | | | | | |
| | | QA/QC'd MicroPAVER Analysis of the processed pavement distress information an analyzed by MicroPAVER to calculate the Pavement | | | | | |
| 1, 4 | 10% | Condition Survey Chapters for the PMP report. | | Pavement Condition Survey | 5 | w | 25 |
| | | Staff's comments; and Draft Final Pavement Condition Survey and Visual | | | | | |
| | - | to ensure statistical reliability of automated collection data; responses to | | | | | |
| | - | with photographic images, data, and analysis required by the QA/QC Plan | | | | | |
| | | QA/QC'd Pavement Condition Survey and Visual Condition Survey narrative | | | | | |
| 1, 4 | 10% | to determine type, quantity and severity of pavement surface distress. | | Pavement Condition Survey | 4 | ω | 24 |
| | | QA/QC'd Data Processing of collected information that has been analyzed | | | | | |
| Comments | 6) ** | Deliverables | Start Date * Finish Date * | Task Summary Descriptions | ,P | No. | No. |
| Footnotes and | Task Deliverable | Required | Proposed | | | _ | itom moti |

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| | | | besonerd | | Rentired | Task | Deliverable | Footnotes and | |
|--------------|------|--|--------------------|------------------|--|-------|---------------|-----------------------|---|
| E S | N S | Pt Task Summary Descriptions | Start Date * Fir | Finish Date * | Deliverables | ** (9 | Weight (%)*** | Comments | |
| ╢ | 2 | General Payemen | ╂ | 11- | OA/OC'd electronic data files for Task 5.2 | - | | 1, 4 | |
| 5 8 | 1 | 1 | | | | | 经营业的 | 2,3 | |
| | | | | <u>σ \$ ₹ δ</u> | QA/QC'd narrative discussions, descriptions, data, analysis, graphs, tables, charts, and figures presenting Predicted PCI information specific to each of the nine City Council Districts and city-wide Major Arterials, Secondary Arterials, and city-owned freeway; responses to Staff's comments; and Draff Final Predicted PCI Chapters for the PMP report. | | | | |
| 41 | 9 | 1 Predicted PCI | | | | 40% | | 1, 4 | |
| | | | · | O E 4 | QA/QC'd Predicted PCI graphs, tables, charts, and figures for each of the nine City Council Districts and city-wide Major Arterials, Secondary Arterials and city-owned freeway: responses to Staff's comments: and | | | | |
| 42 | v | 2 Predicted PCI. | | <u> </u> | Final graphs, tables, charts, and figures for the PMP report. | 30% | : | 1,4 | |
| 1 2 | 9 | Т | | la | QA/QC'd electronic data files for Task 6.1 | 10% | | 1, 4 | |
| 4 | 9 | Т | | Q | QA/QC'd electronic data files for Task 6.2 | 20% | | 1,4 | |
| 45 | 43 | 7.5 | 是现代的理解 | 上 一 | | 100% | | 2,3 | |
| | ı | A THE PARTY OF THE | | | QA/QC'd narrative discussions, descriptions, data, analysis, graphs, tables, charts, and figures presenting Maintenance and Rehabilitation (M & R) Work Planning information specific to each of the nine City Council Districts and city-wide Major Arterials, Secondary Arterials, and city-wowned freeway, responses to Staff's comments; and Draff Final Maintenance and Rehabilitation (M & R) Work Planning Chapters for the PMP report. | 40% | | 4.1 | |
| 3 4 | , | | | 0 12 8 5 5 5 | QA/OC'd Maintenance and Rehabilitation (M & R) Work Planning graphs, tables, charts, and figures for each of the nine City Council Districts and city-wide Major Arterials, Secondary Arterials, and city-owned freeway; responses to Staff's comments; and Final Maintenance and Rehabilitation (M& R) Work Planning graphs, tables, charts, and figures for the PMP report. | 30% | | 1, 4 | |
| 48 | ^ | \top | | a | QA/QC'd electronic data files for Task 7.1 | 10% | | 1,4 | |
| 49 | 7 | 1 | | 5 | QA/QC'd electronic data files for Task 7.2 | 20% | | 1, 4 | |
| 52 | | Subtotal for Task 7 | さら ちば | The state of the | 특성 해방 사용이 가입을 가지고 하시겠다. 이라스스 바라 1 시간에 하시아 가입니다. | 100% | | 2,3 | |
| 51 | 8 | 1 Budget Analysis | | OOGE | QA/QC'd narrative discussions, descriptions, data, analysis, graphs, tables, charts, and figures presenting Budget Analysis information specific to each of the nine City Council Districts and city-wide Major Arterials, Secondary Arterials, and city-owned freeway; responses to Staff's comments; and Final Budget Analysis Chapters for the PMP report. | 40% | | 1, 4 | |
| C | α | 2 Rindraf Analveis | | | QA/QC'd Budget Analysis graphs, tables, charts, and figures for each of the nine City Council Districts and city-wide Major Arterials, Secondary Arterials, and city-owned freeway; responses to Staff's comments; and Final Budget Analysis graphs, tables, charts, and figures for the PMP report. | 30% | | 1, 4 | |
| 1 2 | o | ┰ | | | QA/QC'd electronic data files for Task 8.1 | 10% | | 1,4 | |
| ┥ | Work | 7 🛎 | • | | Page 3 of 6 | | | Run Date: Run Time | Run Date: 2/26/2013 Run Time: 11:47 AM |
| | | | | | | | | | |

| 70 | 69 11 | 68 11 | 67 11 | | 66 11 | | | | | 65 | 64 10 | 63 10 | | | | | + | 61 10 | | | | | 60 | 59 9 | ╁ | ╁╴ | | 56 9 | | | | 55 | 54 8 55 |
|----------------------|---|---|---------------------------------|--|-----------------------|--|---|--|--|----------------------|---|---|-----------------|---|---|--|---|-----------------|--|---|--|--|--|--|--|---|--|--|--|---|---|---|---|
| | 4 R | υR | 2 R | | 1 R | | | | | | 4 R | 3 R | 2 R | | | | \perp | 11 | | | | | | 4 C | 3 C | ┺. | | 1 0 | | | | | 4 8 |
| Subtotal for Task 11 | Recommended Work Plan | Recommended Work Plan | Recommended Work Plan | | Recommended Work Plan | | | | | Subtotal for Task 10 | Recommendations | Recommendations | Recommendations | | | | | Recommendations | | | | | Subtotal for Task 9 | Conclusions | Conclusions | Conclusions | | Conclusions | | | | Subtotal for Task 8 | Budget Analysis Subtotal for Task 8 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | - | | | - | |
| | | | | | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100 | | | : | | | | | | | | | | | | | | - Contraction | | | | | | | | | | | | | | | | |
| | QA/QC'd electronic data files for Task 11.2 | QA/QC'd electronic data files for Task 11.1 | and figures for the PMP report. | QA/QC'd Recommended Work Plan graphs, tables, charts, and figures for each of the nine City Council Districts and city-wide Major Arterials, Secondary Arterials, and city-owned freeway; responses to Staff's comments; and Draft Final Recommended Work Plan graphs, tables, charts, | | Draft Final Recommended Work Plan Chapters for the PMP report. | Arterials and city-numbed freeway: responses to Staff's comments; and | charts, and figures presenting Recommended Work Plan specific to each of the nine City Council Districts and city wide Major Arterials Secondary | QA/QC'd narrative discussions, descriptions, data, analysis, graphs, tables, | | QA/QC'd electronic data files for Task 10.2 | QA/QC'd electronic data files for Task 10.1 | report. | Final Recommendations graphs, tables, charts, and figures for the PMP | Arterials, and city-owned freeway; responses to Staff's comments; and | the nine City Council Districts and city-wide Major Arterials, Secondary | QA/QC'd Recommendations graphs, tables, charts, and figures for each of | | Draft Final Recommendations Chapters for the PMP report. | Arterials and situational freeway, responses to Staff's comments, and | nine City Council Districts and city-wide Major Arterials. Secondary | Charts, and figures presenting Recommendations specific to each of the | OA/OCIA parentina discussiona desta applicate ampha taking | QA/QC'd electronic data files for Task 9.2 | QA/QC'd electronic data files for Task 9.1 | graphs, tables, charts, and figures for the PMP report. | QA/QC'd Conclusions graphs, tables, charts, and figures for each of the nine City Council Districts and city-wide Major Arterials, Secondary Arterials, and city-owned freeway; responses to Staff's comments; and Final Conclusions | Conclusions Chapters for the PMP report. | Council Districts and city-wide Major Arterials, Secondary Arterials, and city- owned freeway: responses to Staff's comments; and Draft Final | | QA/QC'd narrative discussions, descriptions, data, analysis, graphs, tables, charts, and figures presenting Conclusions specific to each of the nine City | QA/QC'd narrative discussions, descriptions, data, analysis, graphs, tables, charts, and figures presenting Conclusions specific to each of the nine City | QA/QC'd electronic data files for Task 8.2 QA/QC'd narrative discussions, descriptions, data, analysis, graphs, tables, charts, and figures presenting Conclusions specific to each of the nine City |
| 100% | 20% | 10% | 30% | | 40% | } | | • | | 100% | 20% | 10% | 30% | | | - | | 40% | | | | | ************************************** | 20% | 10% | 30% | | 40% | | - | | 100% | 100% |
| 2,3 | 1,4 | 1, 4 | 1, 4 | | 1, 4 | | | | | 2, 3 | 1, 4 | 1, 4 | 1,4 | | | | | 1, 4 | | | | | 2, 3 | 1, 4 | 1, 4 | 1,4 | | 1, 4 | | | | 2, 3 | 1, 4 2, 3 |

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|-------------|---------------|-------------|---|--|--|---|---------------|---------------|---------------|
| Item No. | Task No. | | Task Summary Descriptions | Start Date * | Proposed e * Finish Date * | nedun eu Deliverables | Weight (%) ** | Weight (%)*** | Comments |
| | | | | | | QA/QC'd narrative discussions, descriptions, data, analysis, graphs, tables, charts, and figures presenting Project Level Rehabilitation Projects (Design Level) information specific to each of the nine City Council Districts and city-wide Major Arterials, Secondary Arterials, and city-owned freeway; responses to Staff's comments, and Draft Final Project Level Rehabilitation Projects (Design Level) Chapters for the PMP report. | 40% | | t-i 4 |
| 1/ | 7 | -1 | Project Level Keliabilitation (1 jects (Design Level) | | | QA/QC'd Project Level Rehabilitation Projects (Design Level) graphs, tables, charts, and figures for each of the nine City Council Districts and city-wide | | | The stay of |
| 77 | 12 | 7 | | | | Major Arterials, Secondary Arterials, and city-owned freeway; responses to Staff's comments; and Draft Final Conclusions graphs, tables, charts, and figures for the PMP report. | | | 1, 4 |
| 73 | 12 | 8 | | | | QA/QC'd electronic data files for Task 12.1 | 10% | | 1, 4 |
| 47 | 12 | 4 | = | And the property of the party o | THE STATE OF THE S | QA/QC'd electronic data files for Task 12.2 | 20% | | 1, 4 |
| 7) | S. Sandardina | 0 E 0 | | | | QA/QCd narrative discussions, descriptions, data, analysis, graphs, tables, charts, and figures presenting Work and Construction Activities information specific to each of the nine City Council Districts and city-wide Major Arterials, Secondary Arterials, and city-owned freeway; responses to Staff's comments: and Draft Final Work and Construction Activities Chapters for | | | |
| 76 | 13 | | Work and Construction Activities | \$ | | the PMP report. | 40% | | 1, 4 |
| 1 | 4 | | | | | QA/QC'd Work and Construction Activities graphs, tables, charts, and figures for each of the nine City Council Districts and city-wide Major Arterials, Secondary Arterials, and city-owned freeway; responses to Staff's comments; and Draff Final Work and Construction Activities graphs, tables, charts, and figures for the PMP report. | 30% | | 1, 4 |
| 2 | 13 | 1 6 | \top | | | QA/QC'd electronic data files for Task 13.1 | 10% | | 1,4 |
| £ | 13 | ┷ | Work and Constru | | | QA/QC'd electronic data files for Task 13.2 | | | 1,4 |
| 8 | 9 | | Subtotal for Task 13 | | | | 100% | | 2,3 |
| ~ ~ | 77 | | Re-incoction of Pavements | | | QA/QC'd narrative discussions, descriptions, data, analysis, graphs, tables, charts, and figures presenting Re-inspection of Pavements information specific to each of the nine City Council Districts and city-wide Major Arterials, Secondary Arterials, and city-owned freeway; responses to Staff's comments; and Draft Final Re-inspection of Pavements Chapters for the PMP report. | 40% | | 1,4 |
| } | 1 | | | | | OA/QC'd Work and Construction Activities graphs, tables, charts, and figures for each of the nine City Council Districts and city-wide Major Arterials, Secondary Arterials, and city-owned freeway; responses to Staff's comments; and Draft Final Re-inspection of Pavements graphs, tables, | | | |
| 82 | 14 | 7 | Re-inspection of Pavements | | | charts, and figures for the PMP report. | 30% | | 1, 4 |
| 83 | 14 | | | | | QA/QC'd electronic data files for Task 14.1 | 10% | | 1,4 |
| 8 | 14 | 4 | Re-inspection of Pavements | | | QA/QC'd electronic data files for Task 14.2 | 20% | | 1, 4 |

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City of Long Beach - Department of Public Works Work Scope Deliverables and Milestones for

Pavement Management Program (PMP) Utilizing Automated Condition Surveying

| 97 | 96 | 95 | 94 | 93 | 92 | | 91 | | | | | 90 | 89 | 88 | 87 | | | | | 86 | | | | | | 85 | No. | Item |
|------------------------------|----------------------|---|---|--|---|--|---|---|--|--|---|--|---|---|--------------------|--|---|---|---|--------------------|---|---|--|---|--|----------------------|---------------------------|---------------|
| | | 16 | 16 | 16 | 16 | _ | 16 | | | | | | 15 | 15 | 15 | | | | | 15 | | | | | | | No. | Task |
| | | 5 | 4 | ω | 2 | | 1 | | | | | | 4 | | 2 | | | | | ы | | | | | | | Pţ. | |
| Total for all Tasks (0 - 16) | Subtotal for Task 16 | Final PMP report volumes and appendices | Final PMP report volumes and appendices | Final PMP report volumes and appendices | Final PMP report volumes and appendices | | Final PMP report volumes and appendices | | | | | Subtotal for Task 15 | Implementing a PMP | Implementing a PMP | Implementing a PMP | | | | | Implementing a PMP | | | | | | Subtotal for Task 14 | Task Summary Descriptions | |
| | | | | | | | | | • | | | | - | | | | | | | | | | | | | | Start Date * 1 | Proposed |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | Finish Date * | sed |
| | | QA/QC'd electronic data files for Task 16.2 | QA/QC'd electronic data files for Task 16.1 | Staff training of PMP processes and PMP implementation | processes and PMP implementation | QA/QC'd Staff training manual and presentation materials regarding PMP | PMP. | owned freeway; responses to Staff's comments; and presentation of Final | Districts and City-wide for Major Arterials, Secondary Highways, and city- | deliverables and assembled and bound for each of nine City Council | QA/QC'd Final PMP report volumes and appendices compiled for all Task | The second secon | QA/QC'd electronic data files for Task 15.2 | QA/QC'd electronic data files for Task 15.1 | report. | Final Implementing a PMP graphs, tables, charts, and figures for the PMP | Arterials, and city-owned freeway; responses to Staff's comments; and | of the nine City Council Districts and city-wide Major Arterials, Secondary | QA/QC'd Implementing a PMP graphs, tables, charts, and figures for each | report. | comments; and Draft Final Implementing a PMP Chapters for the PMP | Secondary Arterials, and city-owned freeway; responses to Staff's | each of the nine City Council Districts and city-wide Major Arterials, | charts, and figures presenting Implementing a PMP information specific to | QA/QC'd narrative discussions, descriptions, data, analysis, graphs, tables, | | Deliverables | |
| | 100% | 5% | 10% | 10% | 20% | | 55% | | | | | 100% | 20% | 10% | 30% | | | | - | 40% | | | | | | 100% | Weight (%) ** | Task |
| | | , | | | | | | | | | | | | | | | | | | | | | | | | | Weight (%)*** | Deliverable |
| | 2,3 | 1,4 | 1, 4 | 1,4 | 1, 4 | | 1, 4 | | | | | 2,3 | 1, 4 | 1, 4 | 1,4 | | | | | 1, 4 | | | • | | | 2,3 | Comments | Footnotes and |

- Footnotes and Comments
 Staff's peer review must result in acceptance of deliverables
- Consultant may invoice for Task only upon Staff's approval of all Task deliverables
- Final Weighted % for each Task will be based on final negotiated contract
- Allow one week for Staff's review per Task submittal Proposers shall insert "Start" and "Finish" dates for all Tasks (MM/DD/YYYY)
- ** Task Weight % may be modified by Proposers** Deliverable Weight % shall be entered by Proposers for all Tasks, subtotaled per Task, and Total 100%

EXHIBIT "B"

Rates or Charges

Memorandum



IMS Infrastructure Management Services 1820 W. Drake Drive, Suite 108 Tempe, AZ 85283 Phone: (480) 839-4347 Fax: (480) 839-4348 www.ims-rst.com

To: Onofre Ramirez, P.E.

Date: 10/3/2013

Ara Maloyan, P.E.

File CC:

Stephen J. Smith, P.E., P.Eng. From:

Project: Long Beach, CA

Subject: Personnel Hourly Rates

Project No: 13313

HOURLY RATES AND IMS PERSONNEL

The chart below illustrates each personnel assigned to IMS, their hourly unit rates, and their assigned role. These rates were used to develop the project budget and may be used for additional time and materials work at the request of the City of Long Beach. The assigned hours and estimated expenses have been provided in the IMS fee schedule.

Hourly Rates

| Description | | Unit Rate |
|---------------------------|---------------------------------------|---------------|
| | | |
| Project Principal/Manager | S. Smith | 135.00 |
| Project Engineer III | D. Butler, M. Shaeffer | 120.00 |
| Project Engineer II | I. Sanchez | 90.00 |
| Project Engineer I | D. Bratton, R. Barkman | 75.00 |
| Staff Professional III | A. Sadowky, Z. Thomason | 100.00 |
| Staff Professional II | D. Hardt, J.Tourek | 85.00 |
| Staff Professional I | D. White | 65.00 |
| Project Technician III | J. Day, M. Powell | 80.00 |
| Project Technician II | | 70.00 |
| Project Technician I | A. Butler, A. Konves, T. Bugai | 55.00 |
| Administration II | L. Benson, A. Davis, M. Dicarlo | 50.00 |
| RST Operator III | K. McCourt, D. McAlister | 65.00 |
| RST Operator II | V. Lopez, S. Berdine, J. Hopkinson | 55.00 |
| RST Operator I | M. Holmes, R. Peeters | 45.00 |
| Expenses | | cost plus 15% |

EXHIBIT "C"

City's Representative:

Onofre Ramirez, Senior Civil Engineer

EXHIBIT "D"

Materials/Information Furnished: None