



## **City of Palo Alto**

### **City Council Staff Report**

**(ID # 11997)**

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**Report Type: Consent Calendar**

**Meeting Date: 5/24/2021**

**Summary Title: Supervisory Control and Data Acquisition Upgrade Contract at Regional Water Quality Control Plant**

**Title: Approval of a Contract With Wunderlich—Malec Engineering in the Amount of \$186,284 to Upgrade the Software for the Supervisory Control and Data Acquisition System (SCADA) at the Regional Water Quality Control Plant**

**From: City Manager**

**Lead Department: Public Works**

#### **Recommendation**

Staff recommends that Council approve and authorize the City Manager or their designee to execute the attached contract with Wunderlich—Malec Engineering (Attachment A) in an amount not to exceed \$186,824 for services to upgrade the software for the Supervisory Control and Data Acquisition System (SCADA) at the Regional Water Quality Control Plant.

#### **Background**

The Regional Water Quality Control Plant (Plant) utilizes SCADA software called “iFix,” which is made by GE Digital. The SCADA software centralizes the management and control of all Plant industrial process equipment, operator interface screens, alarm monitoring, and data collection systems used in data review, process control, and regulatory reporting. The software allows for a consistent graphical interface presenting monitored data, calculations, alarms, and equipment run status. The software is essential for staff to monitor, change setpoints, and control the treatment process for a 24/7 operation that protects public health and the environment.

#### **Discussion**

The GE iFix SCADA software has been in use at the Plant since about 1997. The project enhances data management around a centralized data storage architecture. The project updates the software to the latest version of iFix (i.e., 5.8 to 6.1), restructures the data flow, and improves data access control/security. The SCADA upgrade also allows retirement of unsupported legacy software that must be updated to Hach Company “Hach WIMS” software concurrent with this project to improve the core data architecture, which is used to prepare for periodic state and federal regulatory reporting.

### Scope of Services Description

The Consultant will provide services to upgrade the SCADA software. The work to be performed under this contract include

Task	Description
1	iFIX Database Consolidation and Update
2	GE Proficy Historian Implementation
3	HMI Conversion Services
4	Develop Alarm and Event Management
5	Develop Security
6	Software and Hardware Configuration
7	Project Management
8	Implementation
9	Technical Training
10	Operator Training
11	Acceptance and Testing
12	Warranty and Maintenance with 24/7

### Scope of Solicitation Process

On September 2, 2020, the City posted a Request for Proposals (RFP) notice through Planet Bids for Supervisory Control and Data Acquisition (SCADA) Software Upgrade. A total of 24 firms downloaded the RFP documents and attachments related to the Project through Planet Bids. The solicitation period was 28 days. On September 30, 2020, proposals were received from four qualified firms: I. B. Abel, Inc.; Telstar Instruments; Woodard & Curran; and Wunderlich-Malec Engineering.

Proposal Title/Number	Supervisory Control and Data Acquisition (SCADA) Software Upgrade (RFP 178989)
Proposed Length of the Project	4 – 6 months
Number of Notices sent to Vendors via City's eProcurement system	5
Number of solicitation packages downloaded by Vendors	24
Total days to submit Proposal	28
Pre-Proposal Meeting	9/9/2020
Number of Company Attendees at Pre-Proposal Meeting	22 participants – 9 companies
Number of Proposals received	4
Number of Companies interviewed	1
Range of Proposal Amounts	\$157,220 to \$506,160

### Evaluation of Proposals

An evaluation committee consisting of Public Works Department staff was formed to review the proposals and conduct interviews. The committee carefully reviewed each firm's qualifications and submittal in response to the criteria identified in the RFP, including quality and completeness of the proposal, quality and effectiveness of services, experience with projects of similar scope and complexity, prior record of performance, cost, proposer's financial stability, and their ability to provide future maintenance and/or services. Of the four firms proposing, only Wunderlich-Malec was invited to interview. One proposal with pricing similar to Wunderlich-Malec's proposal was of a significantly lesser quality, while the remaining two proposals included pricing two to three times higher than that proposed by Wunderlich-Malec.

Staff recommends moving forward with Wunderlich—Malec because the firm's proposal and interview provided a more comprehensive approach to the different aspects of this project. The firm demonstrated a clear understanding of the project and proposed innovative solutions to some of the most important challenges described in the RFP. In addition, the firm has extensive experience in the upgrade of software with other local water and wastewater agencies (e.g., Valley Water, Dublin San Ramon Services District, and Northern California Power Agency).

The total not to exceed budget amount proposed for this contract is \$186,824, comprised of \$169,840 for the basic services and \$16,984 for additional services, as needed. If this project is not approved, the Plant will continue to use a less secure and efficient SCADA system than the proposed system. Staff chose to upgrade instead of replacing the SCADA system because of cost efficiency (e.g., an estimated \$600,000 or more to replace the system).

### **Resource Impact**

Funding for this contract is available in the Wastewater Treatment Enterprise Fund FY2021 Adopted Operating Budget.

Palo Alto treats the combined wastewater from Palo Alto, Los Altos, Los Altos Hills, Mountain View, Stanford University, and the East Palo Alto Sanitary District. Palo Alto's cost share of this project is approximately 35% and the other five agencies' share is approximately 65%.

This contract for professional services permits the City to suspend, in whole or in part, or terminate the Contract for convenience (with or without cause) by providing written notice by the City Manager. In the event the City finds itself facing a challenging budget situation, and it is determined that City resources need to be refocused elsewhere, the City can terminate for convenience. Other options include termination due to non-appropriation of funds or amending the contract to reduce the cost, for example, by reducing the scope of work.

### **Stakeholder Engagement**

This project is part of the RWQCP's operating budget funded by Palo Alto and the five partner agencies who use the RWQCP for wastewater treatment. The five partner agencies are regularly updated on RWQCP needs. Updates are provided each year at an annual meeting and at other periodic meetings established to inform partner agency staff. With respect to Palo Alto itself,

the open meetings on the budget process serve as the main vehicle for engaging the community.

**Policy Implications**

Authorization of this Project does not represent a change in existing policies.

**Environmental Review**

The software upgrade is not a project subject to review under the California Environmental Quality Act (CEQA), as it will not cause either a direct physical change in the environment, or a reasonably foreseeable indirect physical change in the environment (Pub. Res. Code section 21065).

**Attachments:**

- Attachment A: Wunderlich—Malec Engineering Contract

**CITY OF PALO ALTO CONTRACT NO. C21178989****AGREEMENT FOR PROFESSIONAL SERVICES  
BETWEEN THE CITY OF PALO ALTO AND  
WUNDERLICH-MALEC SYSTEMS, INC.**

This Agreement for Professional Services (this “Agreement”) is entered into as of the 17th day of May 2021 (the “Effective Date”), by and between the CITY OF PALO ALTO, a California chartered municipal corporation (“CITY”), and WUNDERLICH-MALEC SYSTEMS, INC., a Minnesota Corporation, located at 5101 Blue Circle Drive, Eden Prairie, MN 55343 (“CONSULTANT”).

The following recitals are a substantive portion of this Agreement and are fully incorporated herein by this reference:

**RECITALS**

A. CITY intends to upgrade the existing Supervisory Control and Data Acquisition (SCADA) Software (the “Project”) and desires to engage a consultant to design, upgrade and migrate a new SCADA system software in connection with the Project (the “Services”, as detailed more fully in Exhibit A).

B. CONSULTANT represents that it, its employees and subconsultants, if any, possess the necessary professional expertise, qualifications, and capability, and all required licenses and/or certifications to provide the Services.

C. CITY, in reliance on these representations, desires to engage CONSULTANT to provide the Services as more fully described in Exhibit A, entitled “SCOPE OF SERVICES”.

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

**SECTION 1. SCOPE OF SERVICES.** CONSULTANT shall perform the Services described in Exhibit A in accordance with the terms and conditions contained in this Agreement. The performance of all Services shall be to the reasonable satisfaction of CITY.

☐ **Optional On-Call Provision** (This provision only applies if checked and only applies to on-call agreements.)

CITY may elect to, but is not required to, authorize on-call Services up to the maximum compensation amount set forth in Section 4 (Not to Exceed Compensation). CONSULTANT shall provide on-call Services only by advanced, written authorization from CITY as detailed in this Section. On-call Services, if any, shall be authorized by CITY, as needed, with a Task Order assigned and approved by CITY’s Project Manager, as identified in Section 13 (Project Management). Each Task Order shall be in substantially the same form as Exhibit A-1 entitled “PROFESSIONAL SERVICES TASK ORDER”.

Each Task Order shall contain a specific scope of services, schedule of performance and maximum compensation amount, in accordance with the provisions of this Agreement. Compensation for on-call Services shall be specified by CITY in the Task Order, based on whichever is lowest: the compensation structure set forth in Exhibit C, the hourly rates set forth in Exhibit C-1, or a negotiated lump sum.

To accept a Task Order, CONSULTANT shall sign the Task Order and return it to CITY's Project Manager within the time specified by the Project Manager, and upon authorization by CITY (defined as counter-signature by the CITY Project Manager), the fully executed Task Order shall become part of this Agreement. The cumulative total compensation due to CONSULTANT for all Task Orders issued under this Agreement shall not exceed the amount of compensation set forth in Section 4. CONSULTANT shall only be compensated for on-call Services performed under an authorized Task Order and only up to the maximum compensation amount set forth in Section 4. Performance of and payment for any on-call Services are subject to all requirements and restrictions in this Agreement.

## **SECTION 2. TERM.**

The term of this Agreement shall be from the date of its full execution through January 31, 2022 unless terminated earlier pursuant to Section 19 (Termination) of this Agreement.

**SECTION 3. SCHEDULE OF PERFORMANCE.** Time is of the essence in the performance of Services under this Agreement. CONSULTANT shall complete the Services within the term of this Agreement and in accordance with the schedule set forth in Exhibit B, entitled "SCHEDULE OF PERFORMANCE". Any Services for which times for performance are not specified in this Agreement shall be commenced and completed by CONSULTANT in a reasonably prompt and timely manner based upon the circumstances and direction communicated to the CONSULTANT. CITY's agreement to extend the term or the schedule for performance shall not preclude recovery of damages for delay if the extension is required due to the fault of CONSULTANT.

**SECTION 4. NOT TO EXCEED COMPENSATION.** The compensation to be paid to CONSULTANT for performance of the Services shall be based on the compensation structure detailed in Exhibit C, entitled "COMPENSATION," including any reimbursable expenses specified therein, and the maximum total compensation shall not exceed **One Hundred Sixty-Nine Thousand Eight Hundred Forty Dollars (\$169,840)**. The hourly schedule of rates, if applicable, is set out in Exhibit C-1, entitled "SCHEDULE OF RATES." Any work performed or expenses incurred for which payment would result in a total exceeding the maximum compensation set forth in this Section 4 shall be at no cost to the CITY.

☒ **Optional Additional Services Provision** (This provision applies only if checked and a not-to-exceed compensation amount for Additional Services is allocated below under this Section 4.)

In addition to the not-to-exceed compensation specified above, CITY has set aside the not-to-exceed compensation amount of **Sixteen Thousand Nine Hundred Eighty-Four Dollars (\$16,984)** for the performance of Additional Services (as defined below). The total compensation for performance of the Services, Additional Services and any reimbursable expenses specified in Exhibit C, shall not exceed **One Hundred Eighty-Six Thousand Eight Hundred Twenty-Four Dollars (\$186,824)**, as detailed in Exhibit C.

“Additional Services” means any work that is determined by CITY to be necessary for the proper completion of the Project, but which is not included within the Scope of Services described at Exhibit A. CITY may elect to, but is not required to, authorize Additional Services up to the maximum amount of compensation set forth for Additional Services in this Section 4. CONSULTANT shall provide Additional Services only by advanced, written authorization from CITY as detailed in this Section. Additional Services, if any, shall be authorized by CITY with a Task Order assigned and authorized by CITY’s Project Manager, as identified in Section 13 (Project Management). Each Task Order shall be in substantially the same form as Exhibit A-1, entitled “PROFESSIONAL SERVICES TASK ORDER”. Each Task Order shall contain a specific scope of services, schedule of performance and maximum compensation amount, in accordance with the provisions of this Agreement. Compensation for Additional Services shall be specified by CITY in the Task Order, based on whichever is lowest: the compensation structure set forth in Exhibit C, the hourly rates set forth in Exhibit C-1, or a negotiated lump sum.

To accept a Task Order, CONSULTANT shall sign the Task Order and return it to CITY’s Project Manager within the time specified by the Project Manager, and upon authorization by CITY (defined as counter-signature by the CITY Project Manager), the fully executed Task Order shall become part of this Agreement. The cumulative total compensation to CONSULTANT for all Task Orders authorized under this Agreement shall not exceed the amount of compensation set forth for Additional Services in this Section 4. CONSULTANT shall only be compensated for Additional Services performed under an authorized Task Order and only up to the maximum amount of compensation set forth for Additional Services in this Section 4. Performance of and payment for any Additional Services are subject to all requirements and restrictions in this Agreement.

**SECTION 5. INVOICES.** In order to request payment, CONSULTANT shall submit monthly invoices to the CITY describing the Services performed and the applicable charges (including, if applicable, an identification of personnel who performed the Services, hours worked, hourly rates, and reimbursable expenses), based upon Exhibit C or, as applicable, CONSULTANT’s schedule of rates set forth in Exhibit C-1. If applicable, the invoice shall also describe the percentage of completion of each task. The information in CONSULTANT’s invoices shall be subject to verification by CITY. CONSULTANT shall send all invoices to CITY’s Project Manager at the address specified in Section 13 (Project Management) below. CITY will generally process and pay invoices within thirty (30) days of receipt of an acceptable invoice.

**SECTION 6. QUALIFICATIONS/STANDARD OF CARE.** All Services shall be performed by CONSULTANT or under CONSULTANT’s supervision. CONSULTANT represents that it, its employees and subcontractors, if any, possess the professional and technical personnel necessary to perform the Services required by this Agreement and that the personnel have sufficient skill and experience to perform the Services assigned to them. CONSULTANT represents that it, its employees and subcontractors, if any, have and shall maintain during the term of this Agreement all licenses, permits, qualifications, insurance and approvals of whatever nature that are legally required to perform the Services. All Services to be furnished by CONSULTANT under this Agreement shall meet the professional standard and quality that prevail among professionals in the same discipline and of similar knowledge and skill engaged in related work throughout California under the same or similar circumstances.

**SECTION 7. COMPLIANCE WITH LAWS.** CONSULTANT shall keep itself informed of and in compliance with all federal, state and local laws, ordinances, regulations, and orders that may affect in any manner the Project or the performance of the Services or those engaged to perform Services under this Agreement, as amended from time to time. CONSULTANT shall procure all permits and licenses, pay all charges and fees, and give all notices required by law in the performance of the Services.

**SECTION 8. ERRORS/OMISSIONS.** CONSULTANT is solely responsible for costs, including, but not limited to, increases in the cost of Services, arising from or caused by CONSULTANT's errors and omissions, including, but not limited to, the costs of corrections such errors and omissions, any change order markup costs, or costs arising from delay caused by the errors and omissions or unreasonable delay in correcting the errors and omissions.

**SECTION 9. COST ESTIMATES.** If this Agreement pertains to the design of a public works project, CONSULTANT shall submit estimates of probable construction costs at each phase of design submittal. If the total estimated construction cost at any submittal exceeds the CITY's stated construction budget by ten percent (10%) or more, CONSULTANT shall make recommendations to CITY for aligning the Project design with the budget, incorporate CITY approved recommendations, and revise the design to meet the Project budget, at no additional cost to CITY.

**SECTION 10. INDEPENDENT CONTRACTOR.** CONSULTANT acknowledges and agrees that CONSULTANT and any agent or employee of CONSULTANT will act as and shall be deemed at all times to be an independent contractor and shall be wholly responsible for the manner in which CONSULTANT performs the Services requested by CITY under this Agreement. CONSULTANT and any agent or employee of CONSULTANT will not have employee status with CITY, nor be entitled to participate in any plans, arrangements, or distributions by CITY pertaining to or in connection with any retirement, health or other benefits that CITY may offer its employees. CONSULTANT will be responsible for all obligations and payments, whether imposed by federal, state or local law, including, but not limited to, FICA, income tax withholdings, workers' compensation, unemployment compensation, insurance, and other similar responsibilities related to CONSULTANT's performance of the Services, or any agent or employee of CONSULTANT providing same. Nothing in this Agreement shall be construed as creating an employment or agency relationship between CITY and CONSULTANT or any agent or employee of CONSULTANT. Any terms in this Agreement referring to direction from CITY shall be construed as providing for direction as to policy and the result of CONSULTANT's provision of the Services only, and not as to the means by which such a result is obtained.

**SECTION 11. ASSIGNMENT.** The parties agree that the expertise and experience of CONSULTANT are material considerations for this Agreement. CONSULTANT shall not assign or transfer any interest in this Agreement nor the performance of any of CONSULTANT's obligations hereunder without the prior written approval of the City Manager. Any purported assignment made without the prior written approval of the City Manager will be void and without effect. Subject to the foregoing, the covenants, terms, conditions and provisions of this Agreement will apply to, and will bind, the heirs, successors, executors, administrators and assignees of the parties.



**SECTION 12. SUBCONTRACTING.**

☒ **Option A: No Subcontractor:** CONSULTANT shall not subcontract any portion of the Services to be performed under this Agreement without the prior written authorization of the City Manager or designee. In the event CONSULTANT does subcontract any portion of the work to be performed under this Agreement, CONSULTANT shall be fully responsible for all acts and omissions of subcontractors.

☐ **Option B: Subcontracts Authorized:** Notwithstanding Section 11 (Assignment) above, CITY agrees that subcontractors may be used to complete the Services. The subcontractors authorized by CITY to perform work on this Project are:

CONSULTANT shall be responsible for directing the work of any subcontractors and for any compensation due to subcontractors. CITY assumes no responsibility whatsoever concerning compensation of subcontractors. CONSULTANT shall be fully responsible to CITY for all acts and omissions of subcontractors. CONSULTANT shall change or add subcontractors only with the prior written approval of the City Manager or designee.

**SECTION 13. PROJECT MANAGEMENT.** CONSULTANT will assign Dieter Schulze as the CONSULTANT's Project Manager to have supervisory responsibility for the performance, progress, and execution of the Services and represent CONSULTANT during the day-to-day performance of the Services. If circumstances cause the substitution of the CONSULTANT's Project Manager or any other of CONSULTANT's key personnel for any reason, the appointment of a substitute Project Manager and the assignment of any key new or replacement personnel will be subject to the prior written approval of the CITY's Project Manager. CONSULTANT, at CITY's request, shall promptly remove CONSULTANT personnel who CITY finds do not perform the Services in an acceptable manner, are uncooperative, or present a threat to the adequate or timely completion of the Services or a threat to the safety of persons or property.

CITY's Project Manager is David Hui, Public Works Department, Environmental Services Division, RWQCP 2501 Embarcadero Way, Palo Alto, CA, 94303, Telephone: 650-617-3162. CITY's Project Manager will be CONSULTANT's point of contact with respect to performance, progress and execution of the Services. CITY may designate an alternate Project Manager from time to time.

**SECTION 14. OWNERSHIP OF MATERIALS.** All work product, including without limitation, all writings, drawings, studies, sketches, photographs, plans, reports, specifications, computations, models, recordings, data, documents, and other materials and copyright interests developed under this Agreement, in any form or media, shall be and remain the exclusive property of CITY without restriction or limitation upon their use. CONSULTANT agrees that all copyrights which arise from creation of the work product pursuant to this Agreement are vested in CITY, and CONSULTANT hereby waives and relinquishes all claims to copyright or other intellectual property rights in favor of CITY. Neither CONSULTANT nor its subcontractors, if any, shall make any of such work product available to any individual or organization without the prior written approval of the City Manager or designee. CONSULTANT makes no representation of the suitability of the work product for use in or application to circumstances not contemplated by the Scope of Services.

**SECTION 15. AUDITS.** CONSULTANT agrees to permit CITY and its authorized representatives to audit, at any reasonable time during the term of this Agreement and for four (4) years from the date of final payment, CONSULTANT's records pertaining to matters covered by this Agreement, including without limitation records demonstrating compliance with the requirements of Section 10 (Independent Contractor). CONSULTANT further agrees to maintain and retain accurate books and records in accordance with generally accepted accounting principles for at least four (4) years after the expiration or earlier termination of this Agreement or the completion of any audit hereunder, whichever is later.

**SECTION 16. INDEMNITY.**

☐[Option A applies to the following design professionals pursuant to Civil Code Section 2782.8: architects; landscape architects; registered professional engineers and licensed professional land surveyors.] 16.1. To the fullest extent permitted by law, CONSULTANT shall indemnify, defend and hold harmless CITY, its Council members, officers, employees and agents (each an "Indemnified Party") from and against any and all third party demands, claims, or liability of any nature, including death or injury to any person, property damage or any other loss, including all costs and expenses of whatever nature including attorney's fees, experts fees, court costs and disbursements ("Claims") to the extent that such Claims arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of CONSULTANT, its officers, employees, agents or contractors under this Agreement, regardless of whether or not it is caused in part by an Indemnified Party. CITY will reimburse CONSULTANT for the proportionate percentage of defense costs exceeding CONSULTANT's proportionate percentage of fault as determined by the final judgment of a court of competent jurisdiction.

☒[Option B applies to any consultant who does not qualify as a design professional as defined in Civil Code Section 2782.8.] 16.1. To the fullest extent permitted by law, CONSULTANT shall indemnify, defend and hold harmless CITY, its Council members, officers, employees and agents (each an "Indemnified Party") from and against any and all demands, claims, or liability of any nature, including death or injury to any person, property damage or any other loss, including all costs and expenses of whatever nature including attorney's fees, experts fees, court costs and disbursements ("Claims") resulting from, arising out of or in any manner related to the negligence, recklessness, or willful misconduct of CONSULTANT, its officers, employees, agents or contractors under this Agreement, regardless of whether or not it is caused in part by an Indemnified Party.

16.2. Notwithstanding the above, nothing in this Section 16 shall be construed to require CONSULTANT to indemnify an Indemnified Party from a Claim arising from the active negligence or willful misconduct of an Indemnified Party that is not contributed to by any act of, or by any omission to perform a duty imposed by law or agreement by, CONSULTANT, its officers, employees, agents or contractors under this Agreement.

16.3. The acceptance of CONSULTANT's Services and duties by CITY shall not operate as a waiver of the right of indemnification. The provisions of this Section 16 shall survive the expiration or early termination of this Agreement.

## **SECTION 16.A. LIMITATION OF LIABILITY.**

16.A.1. **LIMITATION OF LIABILITY OF CONSULTANT.** NOTWITHSTANDING ANY OTHER PROVISION OF THIS AGREEMENT, IN NO EVENT SHALL CONSULTANT BE LIABLE TO CITY, REGARDLESS OF WHETHER ANY CLAIM IS BASED ON CONTRACT OR TORT, FOR SPECIAL, CONSEQUENTIAL, INDIRECT OR INCIDENTAL DAMAGES OR FOR ANY LOSS OF PROFIT OR LOSS OF BUSINESS BY CITY, EVEN IF CONSULTANT HAS BEEN ADVISED OF THE POSSIBILITY OF ANY SUCH POTENTIAL CLAIM, LOSS OR DAMAGE. EXCEPT AS PROVIDED IN THE IMMEDIATELY FOLLOWING SENTENCE, IN NO EVENT SHALL THE TOTAL AGGREGATE LIABILITY UNDER THIS AGREEMENT OF CONSULTANT TO CITY EXCEED THE DOLLAR AMOUNT PROVIDED FOR IN SECTION 4 (“NOT TO EXCEED COMPENSATION”) OF THIS AGREEMENT. CONSULTANT’S LIABILITY LIMIT SET FORTH HEREIN SHALL NOT APPLY TO (1) DAMAGES CAUSED BY CONSULTANT’S GROSS NEGLIGENCE OR WILLFUL MISCONDUCT, (2) CONSULTANT’S OBLIGATIONS TO INDEMNIFY AND DEFEND CITY PURSUANT TO SECTION 16 (“INDEMNIFICATION”) OF THIS AGREEMENT, (3) LIMIT CLAIMS OR GENERAL DAMAGES THAT FALL WITHIN THE INSURANCE COVERAGE OF THIS AGREEMENT, (4) STATUTORY DAMAGES, AND (5) WRONGFUL DEATH CAUSED BY CONSULTANT.

16.A.2. **LIMITATION OF LIABILITY OF CITY.** CITY’S PAYMENT OBLIGATIONS UNDER THIS AGREEMENT SHALL BE LIMITED TO THE PAYMENT OF THE COMPENSATION PROVIDED FOR IN SECTION 4 (“NOT TO EXCEED COMPENSATION”) OF THIS AGREEMENT. NOTWITHSTANDING ANY OTHER PROVISION OF THIS AGREEMENT, IN NO EVENT SHALL CITY BE LIABLE, REGARDLESS OF WHETHER ANY CLAIM IS BASED ON CONTRACT OR TORT, FOR ANY SPECIAL, CONSEQUENTIAL, INDIRECT OR INCIDENTAL DAMAGES, INCLUDING, BUT NOT LIMITED TO, LOST PROFITS, ARISING OUT OF OR IN CONNECTION WITH THIS AGREEMENT OR THE SERVICES PERFORMED IN CONNECTION WITH THIS AGREEMENT.

**SECTION 17. WAIVERS.** No waiver of a condition or nonperformance of an obligation under this Agreement is effective unless it is in writing in accordance with Section 29.4 of this Agreement. No delay or failure to require performance of any provision of this Agreement shall constitute a waiver of that provision as to that or any other instance. Any waiver granted shall apply solely to the specific instance expressly stated. No single or partial exercise of any right or remedy will preclude any other or further exercise of any right or remedy.

## **SECTION 18. INSURANCE.**

18.1. CONSULTANT, at its sole cost and expense, shall obtain and maintain, in full force and effect during the term of this Agreement, the insurance coverage described in Exhibit D, entitled “INSURANCE REQUIREMENTS”. CONSULTANT and its contractors, if any, shall obtain a policy endorsement naming CITY as an additional insured under any general liability or automobile policy or policies.

18.2. All insurance coverage required hereunder shall be provided through carriers with AM Best’s Key Rating Guide ratings of A-:VII or higher which are licensed or

authorized to transact insurance business in the State of California. Any and all contractors of CONSULTANT retained to perform Services under this Agreement will obtain and maintain, in full force and effect during the term of this Agreement, identical insurance coverage, naming CITY as an additional insured under such policies as required above.

18.3. Certificates evidencing such insurance shall be filed with CITY concurrently with the execution of this Agreement. The certificates will be subject to the approval of CITY's Risk Manager and will contain an endorsement stating that the insurance is primary coverage and will not be canceled, or materially reduced in coverage or limits, by the insurer except after filing with the Purchasing Manager thirty (30) days' prior written notice of the cancellation or modification. If the insurer cancels or modifies the insurance and provides less than thirty (30) days' notice to CONSULTANT, CONSULTANT shall provide the Purchasing Manager written notice of the cancellation or modification within two (2) business days of the CONSULTANT's receipt of such notice. CONSULTANT shall be responsible for ensuring that current certificates evidencing the insurance are provided to CITY's Chief Procurement Officer during the entire term of this Agreement.

18.4. The procuring of such required policy or policies of insurance will not be construed to limit CONSULTANT's liability hereunder nor to fulfill the indemnification provisions of this Agreement. Notwithstanding the policy or policies of insurance, CONSULTANT will be obligated for the full and total amount of any damage, injury, or loss caused by or directly arising as a result of the Services performed under this Agreement, including such damage, injury, or loss arising after the Agreement is terminated or the term has expired.

## **SECTION 19. TERMINATION OR SUSPENSION OF AGREEMENT OR SERVICES.**

19.1. The City Manager may suspend the performance of the Services, in whole or in part, or terminate this Agreement, with or without cause, by giving ten (10) days prior written notice thereof to CONSULTANT. If CONSULTANT fails to perform any of its material obligations under this Agreement, in addition to all other remedies provided under this Agreement or at law, the City Manager may terminate this Agreement sooner upon written notice of termination. Upon receipt of any notice of suspension or termination, CONSULTANT will discontinue its performance of the Services on the effective date in the notice of suspension or termination.

19.2. In event of suspension or termination, CONSULTANT will deliver to the City Manager on or before the effective date in the notice of suspension or termination, any and all work product, as detailed in Section 14 (Ownership of Materials), whether or not completed, prepared by CONSULTANT or its contractors, if any, in the performance of this Agreement. Such work product is the property of CITY, as detailed in Section 14 (Ownership of Materials).

19.3. In event of suspension or termination, CONSULTANT will be paid for the Services rendered and work products delivered to CITY in accordance with the Scope of Services up to the effective date in the notice of suspension or termination; provided, however, if this Agreement is suspended or terminated on account of a default by CONSULTANT, CITY will be obligated to compensate CONSULTANT only for that portion of CONSULTANT's Services provided in material conformity with this Agreement as such determination is made by the City Manager acting in the reasonable exercise of his/her discretion. The following Sections will

survive any expiration or termination of this Agreement: 14, 15, 16, 17, 19.2, 19.3, 19.4, 20, 25, 27, 28, 29 and 30.

19.4. No payment, partial payment, acceptance, or partial acceptance by CITY will operate as a waiver on the part of CITY of any of its rights under this Agreement, unless made in accordance with Section 17 (Waivers).

## **SECTION 20. NOTICES.**

All notices hereunder will be given in writing and mailed, postage prepaid, by certified mail, addressed as follows:

To CITY:                      Office of the City Clerk  
                                     City of Palo Alto  
                                     Post Office Box 10250  
                                     Palo Alto, CA 94303

With a copy to the Purchasing Manager

To CONSULTANT: Attention of the Project Manager at the address of  
CONSULTANT recited on the first page of this Agreement.

CONSULTANT shall provide written notice to CITY of any change of address.

## **SECTION 21. CONFLICT OF INTEREST.**

21.1. In executing this Agreement, CONSULTANT covenants that it presently has no interest, and will not acquire any interest, direct or indirect, financial or otherwise, which would conflict in any manner or degree with the performance of the Services.

21.2. CONSULTANT further covenants that, in the performance of this Agreement, it will not employ subcontractors or other persons or parties having such an interest. CONSULTANT certifies that no person who has or will have any financial interest under this Agreement is an officer or employee of CITY; this provision will be interpreted in accordance with the applicable provisions of the Palo Alto Municipal Code and the Government Code of the State of California, as amended from time to time. CONSULTANT agrees to notify CITY if any conflict arises.

21.3. If the CONSULTANT meets the definition of a "Consultant" as defined by the Regulations of the Fair Political Practices Commission, CONSULTANT will file the appropriate financial disclosure documents required by the Palo Alto Municipal Code and the Political Reform Act of 1974, as amended from time to time.

## **SECTION 22. NONDISCRIMINATION; COMPLIANCE WITH ADA.**

22.1. As set forth in Palo Alto Municipal Code Section 2.30.510, as amended from time to time, CONSULTANT certifies that in the performance of this Agreement, it shall not discriminate in the employment of any person due to that person's race, skin color, gender, gender

identity, age, religion, disability, national origin, ancestry, sexual orientation, pregnancy, genetic information or condition, housing status, marital status, familial status, weight or height of such person. CONSULTANT acknowledges that it has read and understands the provisions of Section 2.30.510 of the Palo Alto Municipal Code relating to Nondiscrimination Requirements and the penalties for violation thereof, and agrees to meet all requirements of Section 2.30.510 pertaining to nondiscrimination in employment.

22.2. CONSULTANT understands and agrees that pursuant to the Americans Disabilities Act (“ADA”), programs, services and other activities provided by a public entity to the public, whether directly or through a contractor or subcontractor, are required to be accessible to the disabled public. CONSULTANT will provide the Services specified in this Agreement in a manner that complies with the ADA and any other applicable federal, state and local disability rights laws and regulations, as amended from time to time. CONSULTANT will not discriminate against persons with disabilities in the provision of services, benefits or activities provided under this Agreement.

**SECTION 23. ENVIRONMENTALLY PREFERRED PURCHASING AND ZERO WASTE REQUIREMENTS.** CONSULTANT shall comply with the CITY’s Environmentally Preferred Purchasing policies which are available at CITY’s Purchasing Department, hereby incorporated by reference and as amended from time to time. CONSULTANT shall comply with waste reduction, reuse, recycling and disposal requirements of CITY’s Zero Waste Program. Zero Waste best practices include, first, minimizing and reducing waste; second, reusing waste; and, third, recycling or composting waste. In particular, CONSULTANT shall comply with the following Zero Waste requirements:

(a) All printed materials provided by CONSULTANT to CITY generated from a personal computer and printer including but not limited to, proposals, quotes, invoices, reports, and public education materials, shall be double-sided and printed on a minimum of 30% or greater post-consumer content paper, unless otherwise approved by CITY’s Project Manager. Any submitted materials printed by a professional printing company shall be a minimum of 30% or greater post-consumer material and printed with vegetable-based inks.

(b) Goods purchased by CONSULTANT on behalf of CITY shall be purchased in accordance with CITY’s Environmental Purchasing Policy including but not limited to Extended Producer Responsibility requirements for products and packaging. A copy of this policy is on file at the Purchasing Department’s office.

(c) Reusable/returnable pallets shall be taken back by CONSULTANT, at no additional cost to CITY, for reuse or recycling. CONSULTANT shall provide documentation from the facility accepting the pallets to verify that pallets are not being disposed.

**SECTION 24. COMPLIANCE WITH PALO ALTO MINIMUM WAGE ORDINANCE.** CONSULTANT shall comply with all requirements of the Palo Alto Municipal Code Chapter 4.62 (Citywide Minimum Wage), as amended from time to time. In particular, for any employee otherwise entitled to the State minimum wage, who performs at least two (2) hours of work in a calendar week within the geographic boundaries of the City, CONSULTANT shall pay such employees no less than the minimum wage set forth in Palo Alto Municipal Code Section 4.62.030 for each hour worked within the geographic boundaries of the City of Palo Alto. In addition, CONSULTANT shall post notices regarding the Palo Alto Minimum Wage Ordinance in accordance with Palo Alto Municipal Code Section 4.62.060.

**SECTION 25. NON-APPROPRIATION.** This Agreement is subject to the fiscal provisions of the Charter of the City of Palo Alto and the Palo Alto Municipal Code, as amended from time to time. This Agreement will terminate without any penalty (a) at the end of any fiscal year in the event that funds are not appropriated for the following fiscal year, or (b) at any time within a fiscal year in the event that funds are only appropriated for a portion of the fiscal year and funds for this Agreement are no longer available. This Section shall take precedence in the event of a conflict with any other covenant, term, condition, or provision of this Agreement.

**SECTION 26. PREVAILING WAGES AND DIR REGISTRATION FOR PUBLIC WORKS CONTRACTS.**

☒ 26.1. **This Project is not subject to prevailing wages and related requirements.** CONSULTANT is not required to pay prevailing wages and meet related requirements under the California Labor Code and California Code of Regulations in the performance and implementation of the Project if the contract:

- (1) is not a public works contract;
- (2) is for a public works construction project of \$25,000 or less, per California Labor Code Sections 1782(d)(1), 1725.5(f) and 1773.3(j); or
- (3) is for a public works alteration, demolition, repair, or maintenance project of \$15,000 or less, per California Labor Code Sections 1782(d)(1), 1725.5(f) and 1773.3(j).

**OR**

☐ 26.1. **This Project is subject to prevailing wages and related requirements as a “public works” under California Labor Code Sections 1720 et seq. and related regulations.** CONSULTANT is required to pay general prevailing wages as defined in California Labor Code Section 1773.1 and Subchapter 3, Title 8 of the California Code of Regulations Section 16000 et seq., as amended from time to time. Pursuant to Labor Code Section 1773, the CITY has obtained the general prevailing rate of per diem wages and the general rate for holiday and overtime work in this locality for each craft, classification, or type of worker needed to execute the contract for this Project from the State of California Department of Industrial Relations (“DIR”). Copies of these rates may be obtained at the CITY’s Purchasing Department office. The general prevailing wage rates are also available at the DIR, Division of Labor Statistics and Research, web site (see e.g. <http://www.dir.ca.gov/DLSR/PWD/index.htm>) as amended from time to time. CONSULTANT shall post a copy of the general prevailing wage rates at all Project job sites and shall pay the adopted prevailing wage rates as a minimum. CONSULTANT shall comply with all applicable provisions of Division 2, Part 7, Chapter 1 of the California Labor Code (Labor Code Section 1720 et seq.), including but not limited to Sections 1725.5, 1771, 1771.1, 1771.4, 1773.2, 1774, 1775, 1776, 1777.5, 1782, 1810, 1813 and 1815, and all applicable implementing regulations, including but not limited to Subchapter 3, Title 8 of the California Code of Regulations Section 16000 et seq. (8 CCR Section 16000 et seq.), as amended from time to time. CONSULTANT shall comply with the requirements of Exhibit E, entitled “DIR REGISTRATION FOR PUBLIC WORKS CONTRACTS”, for any contract for public works construction, alteration, demolition, repair or maintenance, including but not limited to the obligations to register with, and furnish certified payroll records directly to, DIR.

**SECTION 27. CLAIMS PROCEDURE FOR “9204 PUBLIC WORKS PROJECTS”.** For purposes of this Section 27, a “9204 Public Works Project” means the erection, construction, alteration, repair, or improvement of any public structure, building, road, or other public improvement of any kind. (Cal. Pub. Cont. Code § 9204.) Per California Public Contract Code Section 9204, for Public Works Projects, certain claims procedures shall apply, as set forth in Exhibit F, entitled “Claims for Public Contract Code Section 9204 Public Works Projects”.



**This Project is a 9204 Public Works Project** and is required to comply with the claims procedures set forth in Exhibit F, entitled “Claims for Public Contract Code Section 9204 Public Works Projects”.

**OR**



**This Project is not a 9204 Public Works Project.**

**SECTION 28. CONFIDENTIAL INFORMATION.**

28.1. In the performance of this Agreement, CONSULTANT may have access to CITY’s Confidential Information (defined below). CONSULTANT will hold Confidential Information in strict confidence, not disclose it to any third party, and will use it only for the performance of its obligations to CITY under this Agreement and for no other purpose. CONSULTANT will maintain reasonable and appropriate administrative, technical and physical safeguards to ensure the security, confidentiality and integrity of the Confidential Information. Notwithstanding the foregoing, CONSULTANT may disclose Confidential Information to its employees, agents and subcontractors, if any, to the extent they have a need to know in order to perform CONSULTANT’s obligations to CITY under this Agreement and for no other purpose, provided that the CONSULTANT informs them of, and requires them to follow, the confidentiality and security obligations of this Agreement.

28.2. “Confidential Information” means all data, information (including without limitation “Personal Information” about a California resident as defined in Civil Code Section 1798 et seq., as amended from time to time) and materials, in any form or media, tangible or intangible, provided or otherwise made available to CONSULTANT by CITY, directly or indirectly, pursuant to this Agreement. Confidential Information excludes information that CONSULTANT can show by appropriate documentation: (i) was publicly known at the time it was provided or has subsequently become publicly known other than by a breach of this Agreement; (ii) was rightfully in CONSULTANT’s possession free of any obligation of confidence prior to receipt of Confidential Information; (iii) is rightfully obtained by CONSULTANT from a third party without breach of any confidentiality obligation; (iv) is independently developed by employees of CONSULTANT without any use of or access to the Confidential Information; or (v) CONSULTANT has written consent to disclose signed by an authorized representative of CITY.

28.3. Notwithstanding the foregoing, CONSULTANT may disclose Confidential Information to the extent required by order of a court of competent jurisdiction or governmental body, provided that CONSULTANT will notify CITY in writing of such order immediately upon receipt and prior to any such disclosure (unless CONSULTANT is prohibited by law from doing



so), to give CITY an opportunity to oppose or otherwise respond to such order.

28.4. CONSULTANT will notify City promptly upon learning of any breach in the security of its systems or unauthorized disclosure of, or access to, Confidential Information in its possession or control, and if such Confidential Information consists of Personal Information, CONSULTANT will provide information to CITY sufficient to meet the notice requirements of Civil Code Section 1798 et seq., as applicable, as amended from time to time.

28.5. Prior to or upon termination or expiration of this Agreement, CONSULTANT will honor any request from the CITY to return or securely destroy all copies of Confidential Information. All Confidential Information is and will remain the property of the CITY and nothing contained in this Agreement grants or confers any rights to such Confidential Information on CONSULTANT.

28.6. If selected in Section 30 (Exhibits), this Agreement is also subject to the terms and conditions of the Information Privacy Policy and Cybersecurity Terms and Conditions.

## **SECTION 29. MISCELLANEOUS PROVISIONS.**

29.1. This Agreement will be governed by California law, without regard to its conflict of law provisions.

29.2. In the event that an action is brought, the parties agree that trial of such action will be vested exclusively in the state courts of California in the County of Santa Clara, State of California.

29.3. The prevailing party in any action brought to enforce the provisions of this Agreement may recover its reasonable costs and attorneys' fees expended in connection with that action. The prevailing party shall be entitled to recover an amount equal to the fair market value of legal services provided by attorneys employed by it as well as any attorneys' fees paid to third parties.

29.4. This Agreement, including all exhibits, constitutes the entire and integrated agreement between the parties with respect to the subject matter of this Agreement, and supersedes all prior agreements, negotiations, representations, statements and undertakings, either oral or written. This Agreement may be amended only by a written instrument, which is signed by the authorized representatives of the parties and approved as required under Palo Alto Municipal Code, as amended from time to time.

29.5. If a court of competent jurisdiction finds or rules that any provision of this Agreement is void or unenforceable, the unaffected provisions of this Agreement will remain in full force and effect.

29.6. In the event of a conflict between the terms of this Agreement and the exhibits hereto (per Section 30) or CONSULTANT's proposal (if any), the Agreement shall control. In the event of a conflict between the exhibits hereto and CONSULTANT's proposal (if any), the exhibits shall control.

29.7. The provisions of all checked boxes in this Agreement shall apply to this Agreement; the provisions of any unchecked boxes shall not apply to this Agreement.

29.8. All section headings contained in this Agreement are for convenience and reference only and are not intended to define or limit the scope of any provision of this Agreement.

29.9. This Agreement may be signed in multiple counterparts, which, when executed by the authorized representatives of the parties, shall together constitute a single binding agreement.

**SECTION 30. EXHIBITS.** Each of the following exhibits, if the check box for such exhibit is selected below, is hereby attached and incorporated into this Agreement by reference as though fully set forth herein:

- |                                     |              |   |
|-------------------------------------|--------------|---|
| <input checked="" type="checkbox"/> | EXHIBIT A:   | SCOPE OF SERVICES   |
| <input checked="" type="checkbox"/> | EXHIBIT A-1  | PROFESSIONAL SERVICES TASK ORDER                                      |
| <input checked="" type="checkbox"/> | EXHIBIT B:   | SCHEDULE OF PERFORMANCE   |
| <input checked="" type="checkbox"/> | EXHIBIT C:   | COMPENSATION  |
| <input checked="" type="checkbox"/> | EXHIBIT C-1: | SCHEDULE OF RATES   |
| <input checked="" type="checkbox"/> | EXHIBIT D:   | INSURANCE REQUIREMENTS  |
| <input type="checkbox"/>            | EXHIBIT E:   | DIR REGISTRATION FOR PUBLIC WORKS CONTRACTS                           |
| <input type="checkbox"/>            | EXHIBIT F:   | CLAIMS FOR PUBLIC CONTRACT CODE SECTION 9204<br>PUBLIC WORKS PROJECTS |
| <input checked="" type="checkbox"/> | EXHIBIT G:   | INFORMATION PRIVACY POLICY  |
| <input checked="" type="checkbox"/> | EXHIBIT H:   | CYBERSECURITY TERMS AND CONDITIONS                                    |

***THIS AGREEMENT IS NOT COMPLETE UNLESS ALL SELECTED EXHIBITS ARE ATTACHED.***

**CONTRACT No. C21178989 SIGNATURE PAGE**

IN WITNESS WHEREOF, the parties hereto have by their duly authorized representatives executed this Agreement as of the date first above written.

**CITY OF PALO ALTO**

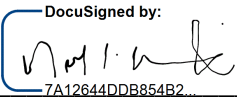
\_\_\_\_\_  
City Manager

APPROVED AS TO FORM:

\_\_\_\_\_  
City Attorney or designee

**WUNDERLICH-MALEC SYSTEMS,  
INC.**


**Officer 1**

By: \_\_\_\_\_  
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Neal Wunderlich, President  
Name: \_\_\_\_\_

President  
Title: \_\_\_\_\_

**Officer 2 (Required for Corp. or LLC)**

By: \_\_\_\_\_  
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Karen Roiland, Chief Financial Officer  
Name: \_\_\_\_\_

Chief Financial Officer  
Title: \_\_\_\_\_

## **EXHIBIT A SCOPE OF SERVICES**

CONSULTANT shall provide the Services detailed in this Exhibit A, entitled “SCOPE OF SERVICES”.

1. iFix Database consolidation and update

The consultant will consolidate ifix databases from all the SCADA field servers. All the tags and drivers need to be modified and verified for the upgrade.

2. GE Proficy Historian implementation

The consultant will install a Historian 8.1 server and will use an Oracle Database for archiving data. The new GE Proficy Historian server and archival database shall be in production before HMI graphics are converted.

3. HMI Conversion Services

The consultant will be converting the existing HMI and changing the network. City Operator will work with consultant in reviewing the converted graphics and pop-up windows. Converting project must keep the existing behavior of all graphics as intact as possible to minimize operator error. The consultant is expected to work very closely with the Palo Alto Regional Water Quality Control Plant (PARWQCP) operation team to ensure the new system is fully accurate and no unwanted changes are introduced during the upgrade process.

The consultant shall use an up-to-date electronic copy of the system and graphics files of the existing system. The consultant shall be responsible for extracting all relevant information from the existing system files. In cases where the new system does not support an existing graphic or elements of the graphic's behavior, the consultant shall use off-the-shelf graphics provided by GE and if it is not available, consultant shall build new graphic elements to provide the functionality needed. New graphic screens shall be created to consolidate duplicate or excess screens.

Prior to the start of the conversion process, the consultant and the PARWQCP staff shall create an understanding on basic conventions to be followed during the development of the new system. Details such as text fonts and sizes, background color(s), static and dynamic colors, dynamic element behavior, and the hierarchy of graphic navigation shall be demonstrated and documented. The consultant shall test the converted graphics and sub models and demonstrate to the PARWQCP that they work and are fully accurate.

The consultant shall turn over all graphics source code or any other engineering/configuration data to the PARWQCP upon completion of the project.

The consultant shall be responsible for converting and testing the graphics based on the snapshot of the current files.

#### 4. Alarm & Events Management

The consultant shall implement an alarm Management Software/System to send alarm notification via text messages to Motorola XPR digital display radios. The system will include sending alarm text to the radio and sounding PARWQCP-wide alarm if the alarm has not been acknowledged within a specific time. For management needs, the PARWQCP staff intends to trend the alarms for purposes of better management of assets and providing integration with the maintenance management system. The consultant shall contact and incorporate PARWQCP staff input in configuring an alarm management system with additional alarms.

4.1. Following alarm events shall be recorded in the database at a minimum:

- 4.1.1 Initial Alarm
- 4.1.2 Alarm Acknowledge
- 4.1.3 Alarm Reset
- 4.1.4 Alarm return to normal condition

4.2 The alarm management software shall generate reports showing the following at a minimum:

- 4.2.1 Frequency of total alarms over time
- 4.2.2 By area
- 4.2.3 By priority
- 4.2.4 By tag name
- 4.2.5 By frequency

All alarm events shall be time stamped. The alarm management shall replicate the existing system alarm lines and functionality.

#### 5. Security

Consultant will recommend and implement a security scheme as part of this upgrade. Different security levels shall be programmed and assigned to PARWQCP personnel. A minimum of five levels of security shall be designed and implemented for this upgrade. In addition, the PARWQCP expects Consultant to implement a Radio-Frequency Identification (RFID) and password login system for this upgrade.

#### 6. Software and Hardware

All server operating systems will be Microsoft Server 2016 and client operating systems will be Microsoft Windows 10. Database software will be Oracle 19c. Server hardware will be HPE DL380 server and client hardware will be HP Z station.

#### 7. Project Management

The City intends to implement a plant information management system around the same time frame as the SCADA. Therefore, iFix database conversion and GE Proficy Historian should be completed as top priorities in the project.

The consultant shall develop a project management plan to effectively coordinate and communicate between the PARWQCP and the consultant's staff. To achieve this goal, the consultant shall assign a qualified Project Manager to the project. The Project Manager shall act as the single point of contact for all matters related to project scope, schedule, and cost. The Project Manager shall develop the project implementation plan in conjunction with the Project Team and shall be responsible for its execution in accordance with the scope of this contract. In addition, the consultant shall provide:

7.1 Weekly status reports

7.2 A mutually agreed upon method to manage project related communications/questions/comments, to be provided by the consultant

7.3 Project Plan documentation including any subsidiary plans such as communications plan, schedule charts, scope management plan, risk management plan, etc.

7.4 Change management process and communication plan

7.5 Testing and approval Plan

The consultant shall introduce their key staff to the PARWQCP project staff and begin with a project kickoff meeting. PARWQCP will provide meeting space and communications equipment as necessary. The consultant shall provide a detailed project schedule using Microsoft Project with various activities by consultant and the PARWQCP staff, show important milestones, critical path etc. The monthly report shall include the status and progress of various deliverables, forecast for next month's activities, deviation from original schedules, and reasons, if any.

## 8. Implementation

The consultant is responsible for commissioning the new SCADA system at the PARWQCP upon graphics conversion. The consultant shall provide adequate training, documentation, and project communications to ensure a timely, event free, and orderly roll out of the new system in parallel to the existing system. The PARWQCP will provide a training facility for all training held on site. The implementation plan shall consider training for operators and maintenance staff who work on different shifts and consultant shall provide trainings according to the shift schedule.

## 9. Technical Training

The consultant shall provide technical training to the PARWQCP control system technical staff, as follows. This training shall be provided on-site as part of project. The control system staff attending these training is expected to be no more than 6 people. The PARWQCP will provide a training facility equipped with computers and a projector system. The PARWQCP shall have the right to switch any of these courses with other similar or related courses at the consultant site. All the work shall be done at the consultant site without any disruption to the Operator. The major changes of security and alarms handling should be a session or a class which is taught by the consultant staff person who did the actual changes for this system. This class shall be one to two sessions agreed upon by PARWQCP and consultant. In addition, consultant who is doing the presentation shall be trained with GE certification. The training venue at PARWQCP will be setup by the PARWQCP staff, and the training venue at consultant site will be set up by the consultant.

## 10. Operator Training

Additionally, the consultant is responsible for providing “user training” for operators and other stakeholders during the commissioning phase of the project. This training shall also be provided on site in a classroom type environment. This training will need to be provided covering all shifts and operations schedule.

Currently there are approximately 25 operators working 3 shifts. Other stakeholders include but are not limited to:

- 10.1 Operational staff
- 10.2 Mechanical Maintenance staff
- 10.3 Electrical & Instrumentation staff
- 10.4 Management staff

Consultant shall be responsible for creating a custom package that explains the new graphics layout, functionality, alarm management and in-depth explanation for all the graphics. Consultant shall also explain features of the new iFIX 6.1 as it relates to the PARWQCP configuration and controls. Consultant shall provide training documentation on changes for classroom use and future reference. The PARWQCP shall record and video record the training sessions for future use.

## 11. Acceptance and Testing

### 11.1 Preliminary Testing

The consultant shall develop a plan for testing procedures and approvals. Project staff from the PARWQCP shall participate in the testing process. If the consultant chooses to develop the system off site, the PARWQCP staff shall have remote access to the system for testing purposes. The test should at a minimum check for accuracy of implementation, failure modes, and functional correctness for a period sufficient to demonstrate proper operations. System malfunctions discovered during the testing shall be documented and corrected. Communication and tracking of these events shall utilize the communication method developed by the consultant as noted in project management section.

If off-site system development takes place, upon completion of the remote testing, a system familiarization meeting, at the consultant’s expense, shall be held at the consultant’s site. Up to three (3) PARWQCP project staff or City designated personnel/consultants shall be invited to this final testing and familiarization of the system meeting, prior to the shipment of the system for commissioning.

### 11.2 Commissioning

The commissioning of the system means that the entire PARWQCP is running on the new system without errors. The consultant shall be responsible for commissioning and startup of the system on site. The commissioning of the system shall be completed based on process areas of the PARWQCP, in phases, where one

process area at a time is brought online in parallel to the existing and operating GE iFIX 5.8. The consultant shall propose a timeline and consultant's staffing level to be on site for the commissioning phase. The PARWQCP recommends that it should be a minimum of 90-day period in which the new system is rolled out and properly commissioned.

### 11.3 Performance

The responsiveness, data acquisition & display, control and graphic refresh rate of the new system shall at a minimum match the current GE iFIX 6.1 system.

### 11.4 Acceptance

As noted above, this project is expected to be a turnkey solution. It shall consist of installing new hardware and upgrading licensed software on site and bringing the PARWQCP online with the new system in parallel to the existing system for a period to be mutually developed. After the parallel run time has expired, the PARWQCP shall be running on the new system error free for a minimum of 30 consecutive days for acceptance to take place. The PARWQCP staff reserves the right to accept the system in case of minor configuration errors provided they are corrected during the acceptance phase in a timely manner. The consultant shall provide documentation as part of the 30-day acceptance testing as noted under the documentation section below.

### 11.5 Documentation

The consultant shall document all standard and customized changes to the new system. All hardware changes and additions, including but not limited to architecture of the Client/Server, shall be documented in AUTOCAD 2017 or later version. Consultant shall provide 2 sets of hardcopies and 2 sets of soft copies in USB media format. In addition, the consultant is responsible for providing an up-to-date copy of the configuration files based on the final accepted system configuration. The consultant shall at a minimum provide one set of As-Shipped GE iFIX 6.1 Full Back-up files, and one set of final system configuration files as accepted on site. This can be provided on a USB or backed up to onsite hard drives. In addition, consultant shall provide 2 sets of standard hardcopy GE iFIX 6.1 installation and configuration manuals.

## 12. Warranty and Maintenance

The consultant shall provide one-year full system warranty period after successful implementation of the software and upon receiving acceptance signatures from the City. During the warranty period, the consultant shall offer free technical telephone support 24/7. A two-hour initial response/acknowledgement on weekdays shall be provided to all support requests during this time.



**EXHIBIT A-1****PROFESSIONAL SERVICES TASK ORDER**

CONSULTANT shall perform the Services detailed below in accordance with all the terms and conditions of the Agreement referenced in Item 1A below. All exhibits referenced in Item 8 are incorporated into this Task Order by this reference. CONSULTANT shall furnish the necessary facilities, professional, technical and supporting personnel required by this Task Order as described below.

CONTRACT NO.

OR PURCHASE ORDER REQUISITION NO. (AS APPLICABLE)

- 1A. MASTER AGREEMENT NO. (MAY BE SAME AS CONTRACT / P.O. NO. ABOVE):
- 1B. TASK ORDER NO.:
2. CONSULTANT NAME:
3. PERIOD OF PERFORMANCE: START: COMPLETION:
- 4 TOTAL TASK ORDER PRICE: \$ \_\_\_\_\_
- BALANCE REMAINING IN MASTER AGREEMENT/CONTRACT \$ \_\_\_\_\_
5. BUDGET CODE \_\_\_\_\_
- COST CENTER \_\_\_\_\_
- COST ELEMENT \_\_\_\_\_
- WBS/CIP \_\_\_\_\_
- PHASE \_\_\_\_\_
6. CITY PROJECT MANAGER'S NAME & DEPARTMENT: \_\_\_\_\_
7. DESCRIPTION OF SCOPE OF SERVICES (Attachment A)
- MUST INCLUDE:
- SERVICES AND DELIVERABLES TO BE PROVIDED
- SCHEDULE OF PERFORMANCE
- MAXIMUM COMPENSATION AMOUNT AND RATE SCHEDULE (as applicable)
- REIMBURSABLE EXPENSES, if any (with "not to exceed" amount)
8. ATTACHMENTS: A: Task Order Scope of Services B (if any): \_\_\_\_\_

**I hereby authorize the performance of the work described in this Task Order.**

**I hereby acknowledge receipt and acceptance of this Task Order and warrant that I have authority to sign on behalf of Consultant.**

**APPROVED:**  
CITY OF PALO ALTO

**APPROVED:**  
COMPANY NAME: \_\_\_\_\_

BY: \_\_\_\_\_  
Name \_\_\_\_\_  
Title \_\_\_\_\_  
Date \_\_\_\_\_

BY: \_\_\_\_\_  
Name \_\_\_\_\_  
Title \_\_\_\_\_  
Date \_\_\_\_\_

## EXHIBIT B SCHEDULE OF PERFORMANCE

CONSULTANT shall perform the Services so as to complete each milestone within the number of days/weeks specified below. The time to complete each milestone may be increased or decreased by mutual written agreement of the Project Managers for CONSULTANT and CITY so long as all work is completed within the term of the Agreement. CONSULTANT shall provide a detailed schedule of work consistent with the schedule below within 2 weeks of receipt of the notice to proceed ("NTP") from the CITY.

### Milestones

### Completion Number of Days/ (as specified below) from NTP

1. Acceptance, Testing and Project Completion      230 days

Task	Description	Number of Days from NTP
1	iFIX Database Consolidation and Update	30
2	GE Proficy Historian Implementation	30
3	HMI Conversion Services	60
4	Develop Alarm and Event Management	90
5	Develop Security	120
6	Software and Hardware Configuration	120
7	Project Management	150
8	Implementation	180
9	Technical Training	210
10	Operator Training	210
11	Acceptance and Testing	230
12	Warranty and Maintenance with 24/7	230 + 365

☒ Optional Schedule of Performance Provision for On-Call or Additional Services Agreements.  
(This provision only applies if checked and only applies to on-call agreements per Section 1 or agreements with Additional Services per Section 4.)

The schedule of performance shall be as provided in the approved Task Order, as detailed in Section 1 (Scope of Services) in the case of on-call Services, or as detailed in Section 4 in the case of Additional Services, provided in all cases that the schedule of performance shall fall within the term as provided in Section 2 (Term) of this Agreement.

## EXHIBIT C COMPENSATION

CITY agrees to compensate CONSULTANT for Services performed in accordance with the terms and conditions of this Agreement, and as set forth in the budget schedule below. Compensation shall be calculated based on the rate schedule attached as Exhibit C-1 up to the not to exceed budget amount for each task set forth below.

CITY's Project Manager may approve in writing the transfer of budget amounts between any of the tasks or categories listed below, provided that the total compensation for the Services, including any specified reimbursable expenses, and the total compensation for Additional Services (if any, per Section 4 of the Agreement) do not exceed the amounts set forth in Section 4 of this Agreement.

CONSULTANT agrees to complete all Services, any specified reimbursable expenses, and Additional Services (if any, per Section 4), within this/these amount(s). Any work performed or expenses incurred for which payment would result in a total exceeding the maximum amount of compensation set forth in this Agreement shall be at no cost to the CITY.

<b>BUDGET SCHEDULE</b>	<b>NOT TO EXCEED AMOUNT</b>
------------------------	-----------------------------

Task	Description	Total Price NTE
1	iFIX Database Consolidation and Update	8,680.00
2	GE Proficy Historian Implementation	11,160.00
3	HMI Conversion Services	21,700.00
4	Develop Alarm and Event Management	30,360.00
5	Develop Security	6,200.00
6	Software and Hardware Configuration	3,720.00
7	Project Management	26,500.00
8	Implementation	4,960.00
9	Technical Training	4,960.00
10	Operator Training	9,300.00
11	Acceptance and Testing	21,700.00
12	Warranty and Maintenance with 24/7	20,600.00

Sub-total for Services	\$169,840.00
Reimbursable Expenses (if any)	\$0.00
<b>Total for Services and Reimbursable Expenses</b>	<b>\$169,840.00</b>
Additional Services (if any, per Section 4)	\$16,984.00
<b>Maximum Total Compensation</b>	<b>\$186,824.00</b>

## **REIMBURSABLE EXPENSES**

CONSULTANT'S ordinary business expenses, such as administrative, overhead, administrative support time/overtime, information systems, software and hardware, photocopying, telecommunications (telephone, internet), in-house printing, insurance and other ordinary business expenses, are included within the scope of payment for Services and are not reimbursable expenses hereunder.

Reimbursable expenses, if any are specified as reimbursable under this section, will be reimbursed at actual cost. The expenses (by type, e.g. travel) for which CONSULTANT will be reimbursed are: **NONE** up to the not-to-exceed amount of **\$0.00**.

A. Travel outside the San Francisco Bay Area, including transportation and meals, if specified as reimbursable, will be reimbursed at actual cost subject to the City of Palo Alto's policy for reimbursement of travel and meal expenses.

B. Long distance telephone service charges, cellular phone service charges, facsimile transmission and postage charges, if specified as reimbursable, will be reimbursed at actual cost.

All requests for reimbursement of expenses, if any are specified as reimbursable under this section, shall be accompanied by appropriate backup documentation and information.

## EXHIBIT C-1 SCHEDULE OF RATES

CONSULTANT's schedule of rates is as follows:

<b>WM Project Staff Rate Schedule</b>	<b>Rate</b>	
Project Executive	\$185.00	Per Hour
Sr. Project Manager	\$175.00	Per Hour
Project Manager	\$165.00	Per Hour
Sr. Controls Engineer	\$165.00	Per Hour
Controls Engineer	\$155.00	Per Hour
Jr. Controls Engineer	\$145.00	Per Hour
Senior Design Engineer	\$175.00	Per Hour
Design Engineer	\$165.00	Per Hour
Design/CAD Support	\$145.00	Per Hour

Time and material projects are subject to the following understanding:

1. Materials when required will be competitively bid and quoted upon completion of design, billed at Cost + 15%. Cost includes applicable tax, freight and handling charges detailed on invoices.
2. Subcontractor services are provided at Cost + 15%. No subcontractor services are anticipated. This would apply to electrical installation or conduit and cable as an example.
3. Normal business hours considered to be Monday thru Friday, excluding holidays, between 8am and 5pm, and serve as the basis for hours/effort quoted.
4. Special consideration given for project effort requiring work outside of normal hours. The requirement for work outside of normal business hours must be stated in the request for services. Flexible scheduling is possible and encouraged.
5. Over-time is defined as effort in excess of (40) hours per week or (8) hours per day, for all effort outside of straight-time hours without prior agreement. Overtime hours are charged at 1.5x Straight Time rate.
6. Premium-time is defined as effort on Sundays and Holidays, Premium-time hours are charged at 2.0x Straight Time rate.
7. Use of over-time or premium-time rates shall be based on written/email approval from the City Project Manager in advance. For planned work, over-time and/or premium-time shall be clearly indicated in the price proposal for the specified work.
8. Travel, living, per diem are billed at Cost + 5%. Consultant follows standard GSA guidelines for per diem.

## EXHIBIT “D” INSURANCE REQUIREMENTS

CONTRACTORS TO THE CITY OF PALO ALTO (CITY), AT THEIR SOLE EXPENSE, SHALL FOR THE TERM OF THE CONTRACT OBTAIN AND MAINTAIN INSURANCE IN THE AMOUNTS FOR THE COVERAGE SPECIFIED BELOW, **AFFORDED BY COMPANIES WITH AM BEST’S KEY RATING OF A-:VII, OR HIGHER, AUTHORIZED TO TRANSACT INSURANCE BUSINESS IN THE STATE OF CALIFORNIA.**

AWARD IS CONTINGENT ON COMPLIANCE WITH CITY’S INSURANCE REQUIREMENTS, AS SPECIFIED, BELOW:

REQUIR ED	TYPE OF COVERAGE	REQUIREMENT	MINIMUM LIMITS	
			EACH OCCURREN CE	AGGREGATE
YES	WORKER’S COMPENSATION	STATUTORY		
YES	EMPLOYER’S LIABILITY	STATUTORY		
YES	GENERAL LIABILITY, INCLUDING PERSONAL INJURY, BROAD FORM PROPERTY DAMAGE BLANKET CONTRACTUAL, PRODUCTS/COMPLETED OPERATIONS AND FIRE LEGAL LIABILITY	BODILY INJURY	\$2,000,000	\$2,000,000
		PROPERTY DAMAGE	\$2,000,000	\$2,000,000
		BODILY INJURY & PROPERTY DAMAGE COMBINED.	\$2,000,000	\$2,000,000
YES	TECHNOLOGY ERRORS AND OMISSIONS LIABILITY COVERAGE. THE POLICY SHALL AT A MINIMUM COVER PROFESSIONAL MISCONDUCT OR LACK OF REQUISITE SKILL FOR THE PERFORMANCE OF SERVICES DEFINED IN THE CONTRACT AND SHALL ALSO PROVIDE COVERAGE FOR THE FOLLOWING RISKS: (i) NETWORK SECURITY LIABILITY ARISING FROM UNAUTHORIZED ACCESS TO, USE OF, OR TAMPERING WITH COMPUTERS OR COMPUTER SYSTEMS, INCLUDING HACKERS, EXTORTION, AND (ii) LIABILITY ARISING FROM INTRODUCTION OF ANY FORM OF MALICIOUS SOFTWARE INCLUDING COMPUTER VIRUSES INTO, OR OTHERWISE CAUSING DAMAGE TO THE CITY’S OR THIRD PERSON’S COMPUTER, COMPUTER SYSTEM, NETWORK, OR SIMILAR COMPUTER RELATED PROPERTY AND THE DATA, SOFTWARE AND PROGRAMS THEREON. CONTRACTOR SHALL MAINTAIN IN FORCE DURING THE FULL LIFE OF THE CONTRACT.  THE POLICY SHALL PROVIDE COVERAGE FOR BREACH RESPONSE COSTS AS WELL AS REGULATORY FINES AND PENALTIES AS WELL AS CREDIT MONITORING EXPENSES WITH LIMITS SUFFICIENT TO RESPOND TO THESE OBLIGATIONS.	ALL DAMAGES	\$2,000,000	\$2,000,000

YES	<p>Cyber and Privacy Insurance SUCH INSURANCE SHALL INCLUDE COVERAGE FOR LIABILITY ARISING FROM COVERAGE IN AN AMOUNT SUFFICIENT TO COVER THE FULL REPLACEMENT VALUE OF DAMAGE TO, ALTERATION OF, LOSS OF, THEFT, DISSEMINATION OR DESTRUCTION OF ELECTRONIC DATA AND/OR USE OF CONFIDENTIAL INFORMATION, "PROPERTY" OF THE CITY OF PALO ALTO THAT WILL BE IN THE CARE, CUSTODY, OR CONTROL OF VENDOR.</p> <p>INFORMATION INCLUDING BUT NOT LIMITED TO, BANK AND CREDIT CARD ACCOUNT INFORMATION OR PERSONAL INFORMATION, SUCH AS NAME, ADDRESS, SOCIAL SECURITY NUMBERS, PROTECTED HEALTH INFORMATION OR OTHER PERSONAL IDENTIFICATION INFORMATION, STORED OR TRANSMITTED IN ELECTRONIC FORM.</p>	ALL DAMAGES	\$2,000,000	\$2,000,000
YES	AUTOMOBILE LIABILITY, INCLUDING ALL OWNED, HIRED, NON-OWNED	<p>BODILY INJURY</p> <ul style="list-style-type: none"> <li>- EACH PERSON \$1,000,000</li> <li>- EACH OCCURRENCE \$1,000,000</li> </ul> <p>PROPERTY DAMAGE \$1,000,000</p> <p>BODILY INJURY AND PROPERTY DAMAGE, COMBINED \$1,000,000</p>		
NO	PROFESSIONAL LIABILITY, INCLUDING, ERRORS AND OMISSIONS, MALPRACTICE (WHEN APPLICABLE), AND NEGLIGENT PERFORMANCE	ALL DAMAGES	\$1,000,000	
YES	<p><b>THE CITY OF PALO ALTO IS TO BE NAMED AS AN ADDITIONAL INSURED:</b> CONTRACTOR, AT ITS SOLE COST AND EXPENSE, SHALL OBTAIN AND MAINTAIN, IN FULL FORCE AND EFFECT THROUGHOUT THE ENTIRE TERM OF ANY RESULTANT AGREEMENT, THE INSURANCE COVERAGE HEREIN DESCRIBED, INSURING NOT ONLY CONTRACTOR AND ITS SUBCONSULTANTS, IF ANY, BUT ALSO, WITH THE EXCEPTION OF WORKERS' COMPENSATION, EMPLOYER'S LIABILITY AND PROFESSIONAL INSURANCE, <b>NAMING AS ADDITIONAL INSURED CITY, ITS COUNCIL MEMBERS, OFFICERS, AGENTS, AND EMPLOYEES.</b></p>			

I. INSURANCE COVERAGE MUST INCLUDE:

- A. A CONTRACTUAL LIABILITY ENDORSEMENT PROVIDING INSURANCE COVERAGE FOR CONTRACTOR'S AGREEMENT TO INDEMNIFY CITY.

II. ENDORSEMENT PROVISIONS, WITH RESPECT TO THE INSURANCE AFFORDED TO "ADDITIONAL INSURED"

- A. PRIMARY COVERAGE

WITH RESPECT TO CLAIMS ARISING OUT OF THE OPERATIONS OF THE NAMED INSURED, INSURANCE AS AFFORDED BY THIS POLICY IS PRIMARY AND IS NOT ADDITIONAL TO OR CONTRIBUTING WITH ANY OTHER INSURANCE CARRIED BY OR FOR THE BENEFIT OF THE ADDITIONAL INSURED.

B. CROSS LIABILITY

THE NAMING OF MORE THAN ONE PERSON, FIRM, OR CORPORATION AS INSURED UNDER THE POLICY SHALL NOT, FOR THAT REASON ALONE, EXTINGUISH ANY RIGHTS OF THE INSURED AGAINST ANOTHER, BUT THIS ENDORSEMENT, AND THE NAMING OF MULTIPLE INSURED, SHALL NOT INCREASE THE TOTAL LIABILITY OF THE COMPANY UNDER THIS POLICY.

III. CONTRACTOR MUST SUBMIT CERTIFICATE(S) OF INSURANCE EVIDENCING  
REQUIRED COVERAGE AT THE FOLLOWING URL:

<https://www.planetbids.com/portal/portal.cfm?CompanyID=25569>.

C. NOTICE OF CANCELLATION

1. IF THE POLICY IS CANCELED BEFORE ITS EXPIRATION DATE FOR ANY REASON OTHER THAN THE NON-PAYMENT OF PREMIUM, THE CONSULTANT SHALL PROVIDE CITY AT LEAST A THIRTY (30) DAY WRITTEN NOTICE BEFORE THE EFFECTIVE DATE OF CANCELLATION.
2. IF THE POLICY IS CANCELED BEFORE ITS EXPIRATION DATE FOR THE NON-PAYMENT OF PREMIUM, THE CONSULTANT SHALL PROVIDE CITY AT LEAST A TEN (10) DAY WRITTEN NOTICE BEFORE THE EFFECTIVE DATE OF CANCELLATION.

**VENDORS ARE REQUIRED TO FILE THEIR EVIDENCE OF INSURANCE  
AND ANY OTHER RELATED NOTICES WITH THE CITY OF PALO ALTO  
AT THE FOLLOWING URL:**

<HTTPS://WWW.PLANETBIDS.COM/PORTAL/PORTAL.CFM?COMPANYID=25569>

**OR**

[HTTP://WWW.CITYOFPALOALTO.ORG/GOV/DEPTS/ASD/PLANET\\_BIDS\\_HOW\\_TO.ASP](HTTP://WWW.CITYOFPALOALTO.ORG/GOV/DEPTS/ASD/PLANET_BIDS_HOW_TO.ASP)



**EXHIBIT G INFORMATION PRIVACY POLICY**

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Attachment I

**POLICY AND PROCEDURES 1-64/IT**

Revised: December 2017

**INFORMATION PRIVACY POLICY****POLICY STATEMENT**

The City of Palo Alto (the "City") strives to promote and sustain a superior quality of life for persons in Palo Alto. In promoting the quality of life of these persons, it is the policy of the City, consistent with the provisions of the California Public Records Act, California Government Code §§ 6250 – 6270, to take appropriate measures to safeguard the security and privacy of the personal (including, without limitation, financial) information of persons, collected in the ordinary course and scope of conducting the City's business as a local government agency. These measures are generally observed by federal, state and local authorities and reflected in federal and California laws, the City's rules and regulations, and industry best practices, including, without limitation, the provisions of California Civil Code §§ 1798.3(a), 1798.24, 1798.79.8(b), 1798.80(e), 1798.81.5, 1798.82(e), 1798.83(e)(7), and 1798.92(c). Though some of these provisions do not apply to local government agencies like the City, the City will conduct business in a manner which promotes the privacy of personal information, as reflected in federal and California laws. The objective of this Policy is to describe the City's data security goals and objectives, to ensure the ongoing protection of the Personal Information, Personally Identifiable Information, Protected Critical Infrastructure Information and Personally Identifying Information of persons doing business with the City and receiving services from the City or a third party under contract to the City to provide services. The terms "Personal Information," "Protected Critical Infrastructure Information", "Personally Identifiable Information" and "Personally Identifying Information" (collectively, the "Information") are defined in the California Civil Code sections, referred to above, and are incorporated in this Policy by reference.

**PURPOSE**

The City, acting in its governmental and proprietary capacities, collects the Information pertaining to persons who do business with or receive services from the City. The Information is collected by a variety of means, including, without limitation, from persons applying to receive services provided by the City, persons accessing the City's website, and persons who access other information portals maintained by the City's staff and/or authorized third-party contractors. The City is committed to protecting the privacy and security of the Information collected by the City. The City acknowledges federal and California laws, policies, rules, regulations and procedures, and industry best practices are dedicated to ensuring the Information is collected, stored and utilized in compliance with applicable laws.

## POLICY AND PROCEDURES 1-64/IT

Revised: December 2017

The goals and objectives of the Policy are: (a) a safe, productive, and inoffensive work environment for all users having access to the City's applications and databases; (b) the appropriate maintenance and security of database information assets owned by, or entrusted to, the City; (c) the controlled access and security of the Information provided to the City's staff and third party contractors; and (d) faithful compliance with legal and regulatory requirements.

### SCOPE

The Policy will guide the City's staff and, indirectly, third party contractors, which are by contract required to protect the confidentiality and privacy of the Information of the persons whose personal information data are intended to be covered by the Policy and which will be advised by City staff to conform their performances to the Policy should they enjoy conditional access to that information.

### CONSEQUENCES

The City's employees shall comply with the Policy in the execution of their official duties to the extent their work implicates access to the Information referred to in this Policy. A failure to comply may result in employment and/or legal consequences.

### EXCEPTIONS

In the event that a City employee cannot fully comply with one or more element(s) described in this Policy, the employee may request an exception by submitting Security Exception Request. The exception request will be reviewed and administered by the City's Information Security Manager (the "ISM"). The employee, with the approval of his or her supervisor, will provide any additional information as may be requested by the ISM. The ISM will conduct a risk assessment of the requested exception in accordance with guidelines approved by the City's Chief Information Officer ("CIO") and approved as to form by the City Attorney. The Policy's guidelines will include at a minimum: purpose, source, collection, storage, access, retention, usage, and protection of the Information identified in the request. The ISM will consult with the CIO to approve or deny the exception request. After due consideration is given to the request, the exception request disposition will be communicated, in writing, to the City employee and his or her supervisor. The approval of any request may be subject to countermeasures established by the CIO, acting by the ISM.

### MUNICIPAL ORDINANCE

This Policy will supersede any City policy, rule, regulation or procedure regarding information privacy.

### RESPONSIBILITIES OF CITY STAFF

**POLICY AND PROCEDURES 1-64/IT**  
**Revised: December 2017**

**A. RESPONSIBILITY OF CIO AND ISM**

The CIO, acting by the ISM, will establish an information security management framework to initiate and coordinate the implementation of information security measures by the City's government.

The City's employees, in particular, software application users and database users, and, indirectly, third party contractors under contract to the City to provide services, shall be guided by this Policy in the performance of their job responsibilities.

The ISM will be responsible for: (a) developing and updating the Policy; (b) enforcing compliance with and the effectiveness of the Policy; (c) the development of privacy standards that will manifest the Policy in detailed, auditable technical requirements, which will be designed and maintained by the persons responsible for the City's IT environments; (d) assisting the City's staff in evaluating security and privacy incidents that arise in regard to potential violations of the Policy; (e) reviewing and approving department-specific policies and procedures which fall under the purview of this Policy; and (f) reviewing Non-Disclosure Agreements (NDAs) signed by third party contractors, which will provide services, including, without limitation, local or 'cloud-based' software services to the City.

**B. RESPONSIBILITY OF INFORMATION SECURITY STEERING COMMITTEE**

The Information Security Steering Committee (the "ISSC"), which is comprised of the City's employees, drawn from the various City departments, will provide the primary direction, prioritization and approval for all information security efforts, including key information security and privacy risks, programs, initiatives and activities. The ISSC will provide input to the information security and privacy strategic planning processes to ensure that information security risks are adequately considered, assessed and addressed at the appropriate City department level.

**C. RESPONSIBILITY OF USERS**

All authorized users of the Information will be responsible for complying with information privacy processes and technologies within the scope of responsibility of each user.

**D. RESPONSIBILITY OF INFORMATION TECHNOLOGY (IT) MANAGERS**

The City's IT Managers, who are responsible for internal, external, direct and indirect connections to the City's networks, will be responsible for configuring, maintaining and securing the City's IT networks in compliance with the City's information security and privacy policies. They are also responsible for timely internal reporting of events that may have compromised network, system or data security.



**POLICY AND PROCEDURES 1-64/IT**  
Revised: December 2017

**E. RESPONSIBILITY OF AUTHORIZATION COORDINATION**

The ISM will ensure that the City's employees secure the execution of Non-Disclosure Agreements (NDA), whenever access to the Information will be granted to third party contractors, in conjunction with the Software as a Service (SaaS) Security and Privacy Terms and Conditions. An NDA must be executed prior to the sharing of the Information of persons covered by this Policy with third party contractors. The City's approach to managing information security and its implementation (i.e. objectives, policies, processes, and procedures for information security) will be reviewed independently by the ISM at planned intervals, or whenever significant changes to security implementation have occurred.

The CIO, acting by the ISM, will review and recommend changes to the Policy annually, or as appropriate, commencing from the date of its adoption.

**GENERAL PROCEDURE FOR INFORMATION PRIVACY**

**A. OVERVIEW**

The Policy applies to activities that involve the use of the City's information assets, namely, the Information of persons doing business with the City or receiving services from the City, which are owned by, or entrusted to, the City and will be made available to the City's employees and third party contractors under contract to the City to provide Software as a Service consulting services. These activities include, without limitation, accessing the Internet, using e-mail, accessing the City's intranet or other networks, systems, or devices.

The term "information assets" also includes the personal information of the City's employees and any other related organizations while those assets are under the City's control. Security measures will be designed, implemented, and maintained to ensure that only authorized persons will enjoy access to the information assets. The City's staff will act to protect its information assets from theft, damage, loss, compromise, and inappropriate disclosure or alteration. The City will plan, design, implement and maintain information management systems, networks and processes in order to assure the appropriate confidentiality, integrity, and availability of its information assets to the City's employees and authorized third parties.

**B. PERSONAL INFORMATION AND CHOICE**

Except as permitted or provided by applicable laws, the City will not share the Information of any person doing business with the City, or receiving services from the City, in violation of this Policy, unless that person has consented to the City's sharing of such information during the conduct of the City's business as a local government agency with third parties under contract to the City to provide services.

POLICY AND PROCEDURES 1-64/IT  
Revised: December 2017

C. METHODS OF COLLECTION OF PERSONAL INFORMATION

The City may gather the Information from a variety of sources and resources, provided that the collection of such information is both necessary and appropriate in order for the City to conduct business as a local government agency in its governmental and proprietary capacities. That information may be gathered at service windows and contact centers as well as at web sites, by mobile applications, and with other technologies, wherever the City may interact with persons who need to share such formation in order to secure the City's services.

The City's staff will inform the persons whose Information are covered by this Policy that the City's web site may use "cookies" to customize the browsing experience with the City of Palo Alto web site. The City will note that a cookie contains unique information that a web site can use to track, among others, the Internet Protocol address of the computer used to access the City's web sites, the identification of the browser software and operating systems used, the date and time a user accessed the site, and the Internet address of the website from which the user linked to the City's web sites. Cookies created on the user's computer by using the City's web site do not contain the Information, and thus do not compromise the user's privacy or security. Users can refuse the cookies or delete the cookie files from their computers by using any of the widely available methods. If the user chooses not to accept a cookie on his or her computer, it will not prevent or prohibit the user from gaining access to or using the City's sites.

D. UTILITIES SERVICE

In the provision of utility services to persons located within Palo Alto, the City of Palo Alto Utilities Department ("CPAU") will collect the Information in order to initiate and manage utility services to customers. To the extent the management of that information is not specifically addressed in the Utilities Rules and Regulations or other ordinances, rules, regulations or procedures, this Policy will apply; provided, however, any such Rules and Regulations must conform to this Policy, unless otherwise directed or approved by the Council. This includes the sharing of CPAU-collected Information with other City departments except as may be required by law.

Businesses and residents with standard utility meters and/or having non-metered monthly services will have secure access through a CPAU website to their Information, including, without limitation, their monthly utility usage and billing data. In addition to their regular monthly utilities billing, businesses and residents with non-standard or experimental electric, water or natural gas meters may have their usage and/or billing data provided to them through non-City electronic portals at different intervals than with the standard monthly billing.

**POLICY AND PROCEDURES 1-64/IT**  
Revised: December 2017

Businesses and residents with such non-standard or experimental metering will have their Information covered by the same privacy protections and personal information exchange rules applicable to Information under applicable federal and California laws.

**E. PUBLIC DISCLOSURE**

The Information that is collected by the City in the ordinary course and scope of conducting its business could be incorporated in a public record that may be subject to inspection and copying by the public, unless such information is exempt from disclosure to the public by California law.

**F. ACCESS TO PERSONAL INFORMATION**

The City will take reasonable steps to verify a person's identity before the City will grant anyone online access to that person's Information. Each City department that collects Information will afford access to affected persons who can review and update that information at reasonable times.

**G. SECURITY, CONFIDENTIALITY AND NON-DISCLOSURE**

Except as otherwise provided by applicable law or this Policy, the City will treat the Information of persons covered by this Policy as confidential and will not disclose it, or permit it to be disclosed, to third parties without the express written consent of the person affected. The City will develop and maintain reasonable controls that are designed to protect the confidentiality and security of the Information of persons covered by this Policy.

The City may authorize the City's employee and or third party contractors to access and/or use the Information of persons who do business with the City or receive services from the City. In those instances, the City will require the City's employee and/or the third party contractors to agree to use such Information only in furtherance of City-related business and in accordance with the Policy.

If the City becomes aware of a breach, or has reasonable grounds to believe that a security breach has occurred, with respect to the Information of a person, the City will notify the affected person of such breach in accordance with applicable laws. The notice of breach will include the date(s) or estimated date(s) of the known or suspected breach, the nature of the Information that is the subject of the breach, and the proposed action to be taken or the responsive action taken by the City.

**H. DATA RETENTION / INFORMATION RETENTION**



**POLICY AND PROCEDURES 1-64/IT**  
**Revised: December 2017**

The City will store and secure all Information for a period of time as may be required by law, or if no period is established by law, for seven (7) years, and thereafter such information will be scheduled for destruction.

**I. SOFTWARE AS A SERVICE (SAAS) OVERSIGHT**

The City may engage third party contractors and vendors to provide software application and database services, commonly known as Software-as-a-Service (SaaS).

In order to assure the privacy and security of the Information of those who do business with the City and those who received services from the City, as a condition of selling goods and/or services to the City, the SaaS services provider and its subcontractors, if any, including any IT infrastructure services provider, shall design, install, provide, and maintain a secure IT environment, while it performs such services and/or furnishes goods to the City, to the extent any scope of work or services implicates the confidentiality and privacy of the Information.

These requirements include information security directives pertaining to: (a) the IT infrastructure, by which the services are provided to the City, including connection to the City's IT systems; (b) the SaaS services provider's operations and maintenance processes needed to support the IT environment, including disaster recovery and business continuity planning; and (c) the IT infrastructure performance monitoring services to ensure a secure and reliable environment and service availability to the City. The term "IT infrastructure" refers to the integrated framework, including, without limitation, data centers, computers, and database management devices, upon which digital networks operate.

Prior to entering into an agreement to provide services to the City, the City's staff will require the SaaS services provider to complete and submit an Information Security and Privacy Questionnaire. In the event that the SaaS services provider reasonably determines that it cannot fulfill the information security requirements during the course of providing services, the City will require the SaaS services provider to promptly inform the ISM.

**J. FAIR AND ACCURATE CREDIT TRANSACTION ACT OF 2003**

CPAU will require utility customers to provide their Information in order for the City to initiate and manage utility services to them.

Federal regulations, implementing the Fair and Accurate Credit Transactions Act of 2003 (Public Law 108-159), including the Red Flag Rules, require that CPAU, as a "covered financial institution or creditor" which provides services in advance of payment and which can affect consumer credit, develop and implement procedures for an identity theft program for new and existing accounts to detect, prevent, respond and mitigate potential identity theft of its customers' Information.

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**POLICY AND PROCEDURES 1-64/IT**  
Revised: December 2017

CPAU procedures for potential identity theft will be reviewed independently by the ISM annually or whenever significant changes to security implementation have occurred. The ISM will recommend changes to CPAU identity theft procedures, or as appropriate, so as to conform to this Policy.

There are California laws which are applicable to identity theft; they are set forth in California Civil Code § 1798.92.

**NOTE:** Questions regarding this policy should be referred to the Information Technology Department, as appropriate.

Recommended:	<div>Digitally signed by Jonathan Richenthal DN: cn=Jonathan Richenthal, o=City of San Jose, ou=City of San Jose, email=jrichenthal@cityofsanjose.org</div> <hr/> Director Information Technology/CIO	<div>12/5/2017</div> <hr/> Date
Approved:	<div>Digitally signed by Joe A. Garcia DN: cn=Joe A. Garcia, o=City of San Jose, ou=City of San Jose, email=jgarcia@cityofsanjose.org</div> <hr/> City Manager	<div>12/13/2017</div> <hr/> Date



**EXHIBIT H CYBERSECURITY TERMS AND CONDITIONS**

City of Palo Alto  
Information Security  
Document Version: V2.7  
Doc: InfoSec 110

**EXHIBIT H**

<b>VENDOR CYBERSECURITY TERMS AND CONDITIONS</b>	
<p><i>This Exhibit shall be made a part of the City of Palo Alto's Professional Services Agreement or any other contract entered into by and between the City of Palo Alto (the "City") and _____ (the "Consultant") for the provision of Software as a Service services to the City (the "Agreement").</i></p>	

In order to assure the privacy and security of the personal information of the City's customers and people who do business with the City, including, without limitation, vendors, utility customers, library patrons and other individuals and businesses, who are required to share such information with the City, as a condition of receiving services from the City or selling goods and services to the City, including, without limitation, the Software as a Service services provider (the "Consultant") and its subcontractors, if any, including, without limitation, any Information Technology ("IT") infrastructure services provider, shall design, install, provide, and maintain a secure IT environment, described below, while it renders and performs the Services and furnishes goods, if any, described in the Statement of Work, Exhibit B, to the extent any scope of work implicates the confidentiality and privacy of the personal information of the City's customers. The Consultant shall fulfill the data and information security requirements (the "Requirements") set forth in Part A below.

A "secure IT environment" includes: (a) the IT infrastructure, by which the Services are provided to the City, including connection to the City's IT systems; (b) the Consultant's operations and maintenance processes needed to support the environment, including disaster recovery and business continuity planning; and (c) the IT infrastructure performance monitoring services to ensure a secure and reliable environment and service availability to the City. "IT infrastructure" refers to the integrated framework, including, without limitation, data centers, computers, and database management devices, upon which digital networks operate.

In the event that, after the Effective Date, the Consultant reasonably determines that it cannot fulfill the Requirements, the Consultant shall promptly inform the City of its determination and submit, in writing, one or more alternate countermeasure options to the Requirements (the "Alternate Requirements" as set forth in Part B), which may be accepted or rejected in the reasonable satisfaction of the Information Security Manager (the "ISM").

**Part A. Requirements:**

The Consultant shall at all times during the term of any contract between the City and the Consultant:

- (a) Appoint or designate an employee, preferably an executive officer, as the security liaison to the City with respect to the Services to be performed under this Agreement.
- (b) Comply with the City's Information Privacy Policy:

Page 1 of 3



- (c) Have adopted and implemented information security and privacy policies that are documented, are accessible to the City and conform to ISO 27001/2 – Information Security Management Systems (ISMS) Standards. See the following:  
[http://www.iso.org/iso/home/store/catalogue\\_tc/catalogue\\_detail.htm?csnumber=42103](http://www.iso.org/iso/home/store/catalogue_tc/catalogue_detail.htm?csnumber=42103)  
[http://www.iso.org/iso/iso\\_catalogue/catalogue\\_tc/catalogue\\_detail.htm?csnumber=50297](http://www.iso.org/iso/iso_catalogue/catalogue_tc/catalogue_detail.htm?csnumber=50297)
- (d) Conduct routine data and information security compliance training of its personnel that is appropriate to their role.
- (e) Develop and maintain detailed documentation of the IT infrastructure, including software versions and patch levels.
- (f) Develop an independently verifiable process, consistent with industry standards, for performing professional and criminal background checks of its employees that (1) would permit verification of employees' personal identity and employment status, and (2) would enable the immediate denial of access to the City's confidential data and information by any of its employees who no longer would require access to that information or who are terminated.
- (g) Provide a list of IT infrastructure components in order to verify whether the Consultant has met or has failed to meet any objective terms and conditions.
- (h) Implement access accountability (identification and authentication) architecture and support role-based access control ("RBAC") and segregation of duties ("SoD") mechanisms for all personnel, systems, and software used to provide the Services. "RBAC" refers to a computer systems security approach to restricting access only to authorized users. "SoD" is an approach that would require more than one individual to complete a security task in order to promote the detection and prevention of fraud and errors.
- (i) Assist the City in undertaking annually an assessment to assure that: (1) all elements of the Services' environment design and deployment are known to the City, and (2) it has implemented measures in accordance with industry best practices applicable to secure coding and secure IT architecture.
- (j) Provide and maintain secure intersystem communication paths that would ensure the confidentiality, integrity, and availability of the City's information.
- (k) Deploy and maintain IT system upgrades, patches and configurations conforming to current patch and/or release levels by not later than one (1) week after its date of release. Emergency security patches must be installed within 24 hours after its date of release.
- (l) Provide for the timely detection of, response to, and the reporting of security incidents, including on-going incident monitoring with logging.
- (m) Notify the City within one (1) hour of detecting a security incident that results in the unauthorized access to or the misuse of the City's confidential data and information.
- (n) Inform the City that any third party service provider(s) meet(s) all of the Requirements.
- (o) Perform security self-audits on a regular basis and not less frequently than on a quarterly basis, and provide the required summary reports of those self-audits to the ISM on the annual anniversary date or any other date agreed to by the Parties.
- (p) Accommodate, as practicable, and upon reasonable prior notice by the City, the City's performance of random site security audits at the Consultant's site(s), including the site(s) of a third party service provider(s), as applicable. The scope of these audits will extend to the Consultant's and its third party service provider(s)' awareness of security policies and





practices, systems configurations, access authentication and authorization, and incident detection and response.

- (q) Cooperate with the City to ensure that to the extent required by applicable laws, rules and regulations, the Confidential Information will be accessible only by the Consultant and any authorized third party service provider's personnel.
- (r) Perform regular, reliable secured backups of all data needed to maximize the availability of the Services.
- (s) Maintain records relating to the Services for a period of three (3) years after the expiration or earlier termination of this Agreement and in a mutually agreeable storage medium. Within thirty (30) days after the effective date of expiration or earlier termination of this Agreement, all of those records relating to the performance of the Services shall be provided to the ISM.
- (t) Maintain the Confidential Information in accordance with applicable federal, state and local data and information privacy laws, rules, and regulations.
- (u) Encrypt the Confidential Information before delivering the same by electronic mail to the City and or any authorized recipient.
- (v) Unless otherwise addressed in the Agreement, shall not hold the City liable for any direct, indirect or punitive damages whatsoever including, without limitation, damages for loss of use, data or profits, arising out of or in any way connected with the City's IT environment, including, without limitation, IT infrastructure communications.

**Part B. Alternate Requirements:**

## Certificate of Completion

Envelope Id: 2B25A10EDE78447092A01D479687DE37	Status: Completed
Subject: Please DocuSign: C21178989 Wunderlich-Malec_20210429_CleanCopy.pdf	
Source Envelope:	
Document Pages: 39	Signatures: 2
Certificate Pages: 2	Initials: 0
AutoNav: Enabled	Envelope Originator:
Envelopeld Stamping: Enabled	O'Brien, Nanette
Time Zone: (UTC-08:00) Pacific Time (US & Canada)	250 Hamilton Ave
	Palo Alto , CA 94301
	Nanette.OBrien@CityofPaloAlto.org
	IP Address: 199.33.32.254

## Record Tracking

Status: Original	Holder: O'Brien, Nanette	Location: DocuSign
4/29/2021 10:09:43 PM	Nanette.OBrien@CityofPaloAlto.org	
Security Appliance Status: Connected	Pool: StateLocal	
Storage Appliance Status: Connected	Pool: City of Palo Alto	Location: DocuSign

## Signer Events

Signature	Timestamp
<p>Neal Wunderlich, President</p> <p>neal.wunderlich@wmeng.com</p> <p>President</p> <p>Security Level: Email, Account Authentication (None)</p>	<p>Sent: 4/29/2021 10:26:29 PM</p> <p>Viewed: 5/1/2021 8:44:12 AM</p> <p>Signed: 5/3/2021 10:45:17 AM</p>

**Electronic Record and Signature Disclosure:**  
Not Offered via DocuSign

<p>Karen Roiland, Chief Financial Officer</p> <p>karen.roiland@wmeng.com</p> <p>Security Level: Email, Account Authentication (None)</p>	 <p>Signature Adoption: Pre-selected Style</p> <p>Using IP Address: 104.240.243.185</p>	<p>Sent: 5/3/2021 10:45:20 AM</p> <p>Viewed: 5/3/2021 11:16:31 AM</p> <p>Signed: 5/3/2021 11:23:24 AM</p>
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**Electronic Record and Signature Disclosure:**  
Not Offered via DocuSign

In Person Signer Events	Signature	Timestamp
Editor Delivery Events	Status	Timestamp
Agent Delivery Events	Status	Timestamp
Intermediary Delivery Events	Status	Timestamp
Certified Delivery Events	Status	Timestamp
Carbon Copy Events	Status	Timestamp

<p>David Hui</p> <p>David.Hui@CityofPaloAlto.org</p> <p>Security Level: Email, Account Authentication (None)</p>	<div style="border: 2px solid blue; padding: 5px; text-align: center; font-weight: bold; color: blue;">COPIED</div>	<p>Sent: 5/3/2021 11:23:28 AM</p>
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**Electronic Record and Signature Disclosure:**  
Not Offered via DocuSign

Carbon Copy Events	Status	Timestamp
Bill Storey, Director of Sales bill.storey@wmeng.com Director of Sales Wunderlich Malec Engineering Security Level: Email, Account Authentication (None)	<div>COPIED</div>	Sent: 5/3/2021 11:23:30 AM
<b>Electronic Record and Signature Disclosure:</b> Not Offered via DocuSign		

Witness Events	Signature	Timestamp
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Notary Events	Signature	Timestamp
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Envelope Summary Events	Status	Timestamps
Envelope Sent	Hashed/Encrypted	4/29/2021 10:26:29 PM
Certified Delivered	Security Checked	5/3/2021 11:16:31 AM
Signing Complete	Security Checked	5/3/2021 11:23:24 AM
Completed	Security Checked	5/3/2021 11:23:30 AM

Payment Events	Status	Timestamps
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