Meeting Date: **7/30/2013**

Report Type: Consent

Report ID: 2013-00535

City of SACRAMENTO

City Council Report
915 I Street, 1st Floor
www.CityofSacramento.org

Title: Supplemental Agreement: Sewer System Regulatory Assistance (I14110100)

Location: Citywide

Issue: This supplemental agreement is needed for continued services to maintain compliance with regulatory requirements and the California Sportfishing Protection Alliance consent decree governing the City's separated sewer system.

Recommendation: Pass a Motion authorizing the City Manager or the City Manager's designee to execute Supplemental Agreement No. 1 to City Agreement No. 2013-0031 with HDR Engineering, Inc., for FY 2013-14 regulatory compliance services, in an amount not to exceed $827,337, bringing the agreement's total not-to-exceed amount to $1,260,395.

Contact: Bill Busath, Engineering Services Manager, (916) 808-1434; Sherill Huun, Supervising Engineer, (916) 808-1455, Department of Utilities

Presenter: None

Department: Department Of Utilities

Division: Water Quality Engineering

Dept ID: 14001331

Attachments:

1-Description/Analysis

2-Background

3-Location Map

4-Supplemental Agreement

City Attorney Review

Approved as to Form
Sheri Chapman
7/17/2013 3:38:55 PM

City Treasurer Review

Reviewed for Impact on Cash and Debt
Russell Fehr
7/1/2013 3:50:13 PM

Approvals/Acknowledgements

Department Director or Designee: Dave Brent - 7/16/2013 12:30:07 PM

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Description/Analysis

Issue Detail: The Department of Utilities seeks approval of a supplemental agreement with HDR Engineering, which is necessary to assist with ongoing regulatory compliance for the City's separated sewer system.

Policy Considerations: The City has coverage under the Statewide General Waste Discharge Requirements (WDR), Order No. 2006-0003, for the City's separated sanitary sewer system. In addition to these State regulations, the City must comply with the January 9, 2012, consent decree that resolved litigation filed by the California Sportfishing Protection Alliance (CSPA), and requires a reduction in sanitary sewer overflows in the City's separated sewer collection system. The City has an existing agreement with HDR Engineering to provide support services necessary for continued compliance with the WDR and consent decree requirements.

Economic Impacts: None.

Environmental Considerations: The Environmental Planning Services Manager has reviewed the proposed supplemental agreement and has determined that it is exempt from the California Environmental Quality Act (CEQA) under section 15061(b)(3) of the CEQA Guidelines. The activity in covered by the general rule that CEQA applies only to projects which have the potential for causing a significant effect on the environment. Where it can be seen with certainty that there is no possibility that the activity in question may have a significant effect on the environment, the activity is not subject to CEQA.

Sustainability: This supplemental agreement is consistent with the 2030 General Plan and with the goals and targets of the City's Sustainability Master Plan. Implementation of the State WDR and CSPA consent decree requirements provides for proper and efficient operation, management, and maintenance of the City's separated sewer collection system.

Commission/Committee Action: Not applicable.

Rational for Recommendation: Approval of the Sewer System Regulatory Assistance supplemental agreement with HDR is

recommended to obtain the continued professional services needed to comply with the WDR and CSPA consent decree.

Financial Considerations: The supplemental agreement adds $827,337 to the not-to-exceed cost, raising the total not-to-exceed cost for professional services to $1,260,395. There are sufficient funds in I14110100 (Wastewater Fund 6006) for this agreement.

Emerging Small Business Development (ESBD): HDR Engineering, Inc. is not certified as an Emerging or Small Business Enterprise.

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Background

As required by the State, the City has coverage under the Statewide General Waste Discharge Requirements (WDR) Order No. 2006-0003 for the City maintained and owned separated sewer system. The Location Map indicates the separated sewer system and combined sewer system (CSS) operated by the Department of Utilities (DOU). The sewer system areas within the City boundary that are not operated by DOU are served by the Sacramento Area Sewer District.

The City separated sewer system includes approximately 570 miles of sewer mains. As required by the WDR, the City began reporting sewer overflows within this system to the State's on-line public reporting database, California Integrated Water Quality System (CIWQS), on September 2, 2007, adopted a Sewer System Management Plan (SSMP) on April 21, 2009, and completed the first bi-annual audit of the SSMP in May, 2011. The City does not own any of the service laterals connecting to the main lines.

While a SSMP audit was being conducted, the City entered into negotiations with the California Sportfishing Protection Alliance (CSPA) to resolve a complaint filed by CSPA in the federal District Court on March 3, 2011. CSPA's complaint alleged various Clean Water Act violations arising from sanitary sewer overflows. The final consent decree between the City and CSPA was approved January 9, 2012. The consent decree is operative through December 31, 2017, and requires the following:

- Additional funding - phased in over 5 years
- Annual reductions in sewer overflows
- Accelerated system-wide cleaning and condition assessment
- Implementation of Targeted Grease and Root Control Programs
- Implementation of a Fats, Oil and Grease restaurant inspection and enforcement program
- System Repair and Rehabilitation

As indicated in the Location Map, the CSS is located within the City's downtown area. The CSS includes 257 miles of combined sewer mains

and two combined sewage wastewater treatment plants. The WDR and CSPA consent decree are not applicable to the combined sewer system; however, DOU will develop consistent policies and procedures for both systems. The City is required to report CSS outflows to CIWQS.

On August 24, 2012, the DOU issued a request for qualifications (RFQ) that solicited qualifications from consulting firms to assist the City with regulatory compliance with the State WDR and CSPA consent decree, for up to three years. On September 18, 2012, DOU received statements of qualifications from three firms. The evaluation committee included two representatives from the DOU Field Services Division, one representative from the DOU Engineering Services Division, and one representative from the Sacramento Regional County Sanitation District. The committee selected HDR Engineering, Inc., as the firm most qualified to perform these services. HDR Engineering met all of the RFQ requirements and was the highest ranked firm.

On January 14, 2013, the City Council authorized Agreement No. 2013-0031 with HDR Engineering, to provide regulatory compliance support services for the remainder of FY2012/13, with a potential maximum of two successive one-year extensions upon the approval of Supplemental Agreement(s) specifying the scope of services and payment provisions for each extended term. The total amount for FY2012/13 services was $433,058, and was encumbered in the Sewer System Management Plan Project (I14110100). There are sufficient funds in I14110100 (Sewer Fund 6006) for this amendment extending the agreement term for FY 2013/14. This FY 2013/14 Agreement with HDR Engineering, Inc. is for an amount not to exceed $827,337, bringing the agreement's total not-to-exceed amount to $1,260,395.

Completion of the tasks required by the WDR and CSPA consent decree is accomplished by City staff and through annual professional services agreements or construction contracts when staff expertise or equipment is not available. The FY2013/14 Sewer System Regulatory Assistance services supplemental agreement describes tasks that include project management, CSPA consent decree management, maintenance and risk-based scheduling, database management, and other related program support (e.g., Fats oils and grease, chemical root control, closed circuit TV QA/QC, SSMP program updates). HDR Engineering Inc. and its

subcontractors will provide essential overall coordination to facilitate compliance with the WDR and CSPA consent decree. The work for this supplemental agreement provides services for the second of the three years authorized by the original agreement.

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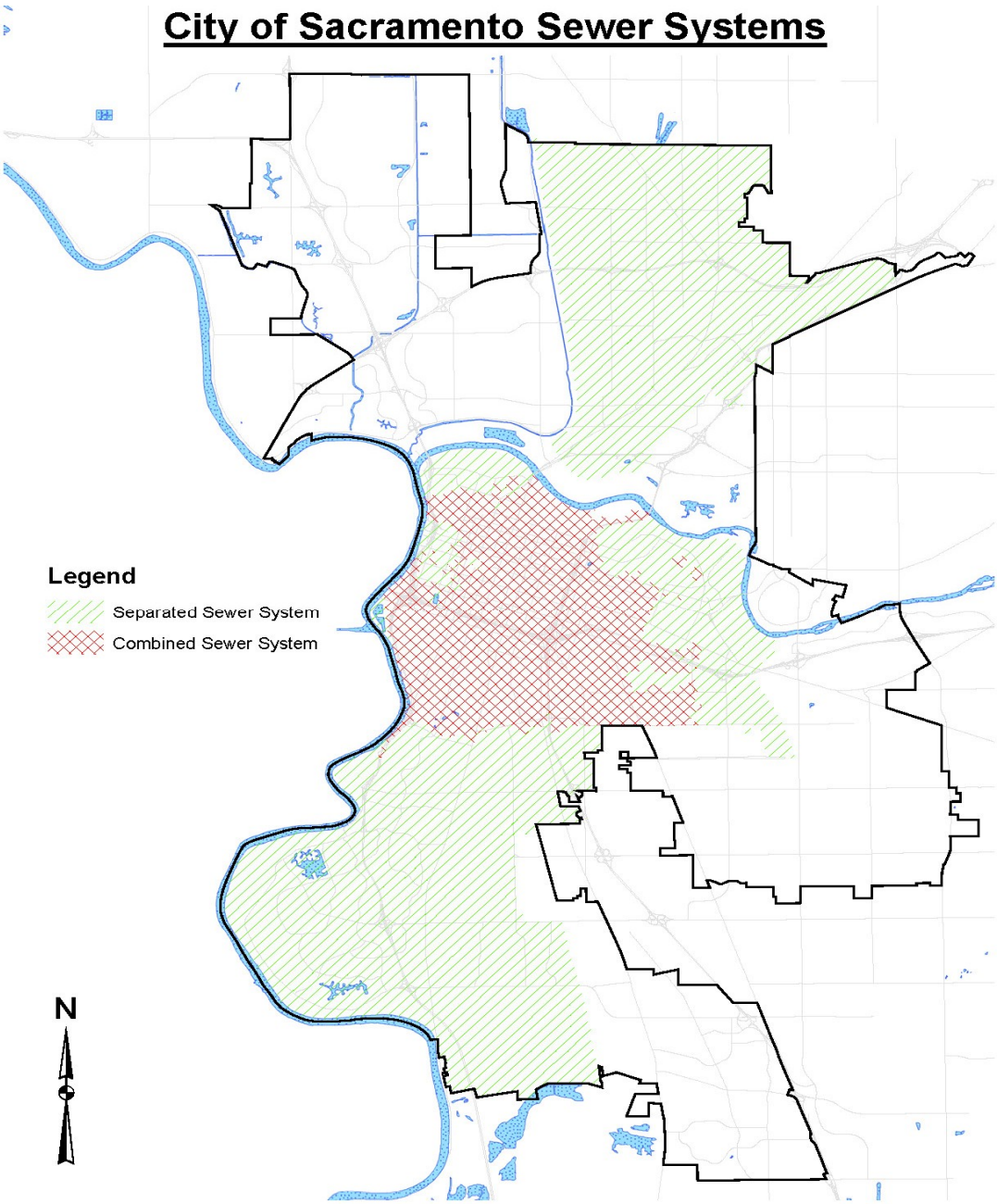

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SUPPLEMENTAL AGREEMENT

Project Title and Job Number: Sewer System Regulatory Assistance (I14110100) **Date: 7/16/2013**
Purchase Order #: SACTO-0000019609 **Supplemental Agreement No.: 1**

The City of Sacramento ("City") and HDR Engineering, Inc. ("Contractor"), as parties to that certain Professional Services Agreement designated as Agreement Number 2013-0031, including any and all prior supplemental agreements modifying the agreement (the agreement and supplemental agreements are hereafter collectively referred to as the "Agreement"), hereby supplement and modify the Agreement as follows:

1. Exhibit A of the Agreement is amended as follows:

   a. In Exhibit A, Section 1, the City Representative is changed. The new City Representative is:

   Roxanne Dilley
   Associate Engineer
   1395 35th Avenue
   Sacramento, CA 95822
   Phone: (916) 808-1458
   Fax: (916) 808-1497
   Email: rdilley@cityofsacramento.org

   b. The scope of Services specified in Exhibit A of the Agreement is amended by adding additional services as follows:

   This supplemental agreement adds FY2013/2014 services to the Agreement. Contractor shall perform the work and services specified in "Attachment 2 to Exhibit A," which is attached hereto and incorporated herein by this reference.

2. The Budget for performance of the 2013-2014 State Sanitary Sewer Waste Discharge Requirements and California Sportfishing Protection Alliance Consent Decree support services, as described in Attachment 2 to Exhibit A, is set forth on "Attachment 2 to Exhibit B," attached hereto and incorporated herein by this reference.

3. In consideration of the additional and/or revised services described in section 1, above, the maximum not-to-exceed amount that is specified in Exhibit B of the Agreement for payment of Contractor's fees and expenses, is **increased** by $827,337, and said maximum not-to-exceed amount is amended as follows:

Agreement's original not-to-exceed amount:	$433,058
Net change by previous supplemental agreements:	$0
Not-to-exceed amount prior to this supplemental agreement:	$433,058
Increase by this supplemental agreement:	$827,337
New not-to exceed amount including all supplemental agreements:	$1,260,395

4. Contractor agrees that the amount of increase or decrease in the not-to-exceed amount specified in section 3, above, shall constitute full compensation for the additional and/or revised services specified in section 1, above, and shall fully compensate Contractor for any and all direct and indirect costs that may be incurred by Contractor in connection with such additional and/or revised services, including costs associated with any changes and/or delays in work schedules or in the performance of other services or work by Contractor.

5. Contractor warrants and represents that the person or persons executing this supplemental agreement on behalf of Contractor has or have been duly authorized by Contractor to sign this supplemental agreement and bind Contractor to the terms hereof.

6. Except as specifically revised herein, all terms and conditions of the Agreement shall remain in full force and effect, and Contractor shall perform all of the services, duties, obligations, and conditions required under the Agreement, as supplemented and modified by this supplemental agreement.

(Rev. 9-17-12)

SUPPLEMENTAL AGREEMENT

Approval Recommended By:

_____

Roxanne Dilley

Approved By:

_____

HDR Engineering, Inc.

Approved By:

_____

City of Sacramento

Approved As To Form By:

_____

City Attorney

Attested To By:

_____

City Clerk

(Rev. 9-17-12)

ATTACHMENT 2 to EXHIBIT A
SCOPE OF WORK

PRIME Contractor:	**HDR Engineering, Inc.**
Contract No.:	
Contract Title:	**Sewer System Regulatory Assistance Year 2 (FY 2013-2014)**

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SCOPE OF WORK

PRIME Contractor:	**HDR Engineering, Inc.**
Contract No.:	
Contract Title:	**Sewer System Regulatory Assistance Year 2 (FY 2013-2014)**

This Scope of Work describes the consulting services to be provided by HDR Engineering, Inc., and its subcontractors collectively ("CONTRACTOR") to the City of Sacramento Department of Utilities (DOU) for sewer system regulatory assistance needed to comply with the California Sportfishing Protection Alliance consent decree (CSPA CD) filed on January 9, 2012, (Civil Case No.: CV 11-00601-KJM-EFB) and with the State Water Resources Control Board Order No. 2006-0003. Services will include the following tasks:

Task 1: Project Management

Task 1.1: Project Management

Activities to manage and administer the work, including project management, preparation of monthly progress reports, conducting periodic progress meetings with DOU staff, overall coordination, coordination with other tasks (including input), and quality assurance/quality control (QA/QC) efforts are included in each of the tasks of this project. The activities associated with project management include the following:

CONTRACTOR Responsibilities

1. Prepare project guide and updates.
2. Prepare meeting summaries with concerns, issues, and assignments.
3. Develop detailed schedule for the CONTRACTOR project team and DOU staff members participating in CONTRACTOR's contract activities.
4. Provide project management and project administrative support.
5. Implement CONTRACTOR's Quality Control Program for the deliverables associated with this project.
6. Be responsible for the management and coordination of the work defined in this scope, as directed by the DOU, including the labor and expenses associated with project tracking, scheduling, technical consultation, and quality control services for this work. Some of the deliverables will require information from other tasks.
7. As the project progresses, review with the DOU, at least monthly, the level of effort and labor hours needed for the tasks estimated in this scope of work and identify any needed changes in level of effort in the various tasks.
8. Schedule briefing meetings for draft and final deliverables.
9. Provide monthly invoices with summary and percentages of work completed by task.
10. Maintain project files.
11. Provide memo and report type deliverables in electronic format.

DOU Responsibilities

1. Overall project direction and contract management.
2. Address policy considerations, issues, and decisions.
3. Provide requested information to CONTRACTOR at agreed due dates.
4. Provide meeting coordination and scheduling support for meetings, including locations.

5. Provide access to all needed staff, including attendance and participation in meetings, interviews, and workshops with CONTRACTOR staff as assigned and scheduled.
6. Review and provide comments on draft deliverables within 10 business days of receipt.

Assumptions

1. Invoicing shall comply with City of Sacramento standards for payment and audit in accordance with the contract.
2. Deliverable documents will be submitted in electronic form as draft and final once DOU comments have been incorporated.
3. The DOU will provide services or requested information described under general and task specific DOU Responsibilities.
4. Up to 12 progress meetings are budgeted under this task.

Deliverables

1. Project schedule.
2. Monthly invoices and progress reports.
3. Project guide and updates.
4. Meeting agenda and minutes.

Task 2: Staff Augmentation

Task 2.1: CSPA CD Manager

The objective of this task is to support the DOU in managing the DOU's CSPA CD and assist in meeting compliance. Activities listed here are those that may be performed by the CONTRACTOR as part of staff augmentation based on requests by DOU. The estimate for this task includes 864 CONTRACTOR hours.

CONTRACTOR Responsibilities

1. Oversee the DOU's effort in meeting the CSPA CD requirements and the Waste Discharge Requirements (WDR) requirements.
    a. Develop and maintain (quarterly) project schedule for overall CSPA CD compliance efforts and tasks.
    b. Work with DOU to identify key performance indicators (KPIs) and tracking system(s). Provide technical expertise in recommending overall cost-effective compliance strategies.
    c. Conduct periodic progress meetings with DOU management staff, monthly, as required, to update management on the progress in meeting CSPA CD requirements and resolving issues projected to impede compliance.
    d. Lead the production of annual CSPA CD reports, as required.
    e. Prepare quarterly interim CSPA compliance reports.
    f. Provide recommendations for staff training.
2. Support, schedule and/or lead work teams needed to develop or implement new programs:
    a. Fat, oil, and grease (FOG) and root control program.
    b. Computerized maintenance management system (CMMS) selection and implementation.
    c. Enforcement program (including eventually private lateral enforcement).
3. Monitor data required for progress and compliance reporting.

a. Develop interim milestones and tools for monitoring progress.

4. Provide recommendations for internal document storage and access.
5. Provide recommendations for communications with the public regarding the Sewer System Management Plan (SSMP) and CSPA CD compliance effort, including providing recommendations for revisions to the DOU website and recommendations for internal communications.
6. Work with DOU on update of the 2008-2009 SSMP that describes the new consent decree activities and conforms to the updated WDR Monitoring and Reporting Program.

DOU Responsibilities

1. Provide input on reports and tracking milestones.
2. Provide access to data sources needed to document compliance.
3. Provide access to staff that have consent decree production or tracking responsibilities.

Assumptions

1. Further work related to consent decree management will require additional authorization by the DOU.

Deliverables

1. Support up to 864 hours to perform CSPA CD management tasks.
2. CSPA CD compliance master schedule (quarterly).
3. CSPA interim compliance reports (quarterly).
4. Draft CSPA annual report.

Task 2.2: Maintenance Scheduler

The objective of this task is to augment DOU staff and work with the City of Sacramento's CMMS and other pertinent software programs, databases, and spreadsheets to plan, schedule, report, and evaluate work related to the maintenance and repair of the sewer system according to the requirements of the CSPA CD. The objective is to plan, schedule, document, report, and evaluate the quality and quantity of work needed to accomplish the goals in the CSPA CD. Activities listed here are those that may be performed by the contractor as part of staff augmentation based on requests by DOU. The estimate for this task includes 912 CONTRACTOR hours.

CONTRACTOR Responsibilities

1. Work with the DOU's Wastewater Collection System Database Manager and Wastewater Collection supervisors to develop cleaning schedules required by the CSPA CD for targeted and scheduled maintenance, FOG, and root control programs:
    a. Create and manage work orders and cleaning schedules in the CMMS.
    b. Manage requests for changes to cleaning schedules.
2. Work with the DOU's Wastewater Collection Database Manager to input schedule changes.
3. Work with the DOU's Wastewater Collection System Database Manager and Wastewater Collection supervisors to develop methods for capturing and evaluating cleaning findings.
4. Track and compile the following data for analysis, mapping, evaluation, and reporting:
    a. Routine Cleaning Activity.
    b. Sewer Cleaning QA/QC.
    c. Sewer Closed-Circuit Television (CCTV) QA/QC.
    d. Scheduled Maintenance Activities.
    e. Root Control Program.
    f. FOG Program.

5. Review CCTV inspection data and requests for follow up work orders (i.e., repair, inspection, and capital improvement program [CIP]) and track what has happened with the identified NASSCO PACP category 5s and make certain the 5s are addressed within the CSPA CD required time period.
6. Make field visits to work sites and work with staff to determine best methods and plan out how work is to be completed. Observe ongoing maintenance and inspections to determine compliance with applicable department standards.

DOU Responsibilities

1. Provide access to data and systems needed to complete CONTRACTOR services.
2. Providing input and review of the proposed plan modifications.

Assumptions

1. Systems, reports, and data will be maintained on City of Sacramento servers and updated with DOU software.
2. CONTRACTOR will review CCTV databases for tracking purposes and will not be reviewing CCTV videos.

Deliverables

1. Support up to 912 CONTRACTOR hours.

Task 2.3: Database Manager

The objective is to effectively manage data in a manner that will ultimately result in high data quality that will be used for analysis and reporting. The Database Manager will augment DOU staff and work with the City of Sacramento's CMMS and other pertinent software programs, databases, and spreadsheets to input, track, and report data needed to meet the requirements of the CSPA CD and SSMP performance evaluations. Activities listed here are those that may be performed by the contractor as part of staff augmentation based on requests by DOU. The estimate for this task includes 832 CONTRACTOR hours.

CONTRACTOR Responsibilities

1. Assist with implementing desktop software, paper documentation systems.
2. Develop data analysis processes that will utilize data from different sources (CMMS, Granite XP, geographic information system [GIS], databases, and spreadsheets) for use in weekly, monthly, and/or annual reporting.
3. Collect and maintain the data sets needed to support the maintenance, repair, rehabilitation, and replacement decision process.
4. Work with the DOU's Asset Management staff to enter contract CCTV data into the CMMS for tracking and corrective action as needed.
5. Conduct ongoing QA/QC of CMMS work order and other database and spreadsheet information.
6. Assist in preparing maps for use in determining maintenance effectiveness.
7. Assisting with technology for remote manhole surcharge notifications and data analysis.

DOU Responsibilities

1. No Additional responsibilities.

Assumptions

1. Multiple systems and data formats will need to be tracked and potentially merged. This may lead to the tracking of additional data.

Deliverables

1. Support for up to 832 CONTRACTOR hours.

Task 3: As Needed Technical Support

The purpose of this task is to perform assessments and analysis and provide recommendations for items not specifically addressed in Task 2.

Task 3.1: FOG Program Update

The objective of this task is to take the findings of the FOG Program Evaluation performed in FY13 and develop and implement several key FOG program elements to, at a minimum, meet the FOG Program requirements of the CD. The framework for these elements includes definition of the City's FOG Program philosophy, policies, and procedures, compiled into a comprehensive FOG Program Manual.

CONTRACTOR Responsibilities

1. Develop a comprehensive FOG Program Manual

   The key program elements include:
   - Legal authority provisions (current and future)
   - General FOG requirements for FSEs
   - FOG pretreatment device sizing and approval criteria for FSEs
   - Program requirements applied to New FSEs vs. Existing FSEs
   - Variance/Waiver determination criteria
   - Outreach and Education Program
   - FSE Inspection Program
   - FSE Enforcement Program
   - FOG Data Management
   - Multi-family and single family residential Program
   - Collection system support Program

DOU Responsibilities

1. Make appropriate DOU staff available to participate in program development and to make key decisions on many of the above elements.

Assumptions

1. Some of the elements can be documented simply through figures or diagrams, while others will require more detailed procedures and tables.
2. Elements such as the multi-family and single family residential program may consist of only a brief description for now, to be further developed with more detailed procedures in the future as this element increases in priority.

Deliverables

1. FOG Program Manual

Task 3.2: Chemical Root Control Technical Support

The objective of this task is to work with DOU staff to coordinate the selection, application and evaluation of the DOU's Chemical Root Control Program. Additionally the CONTRACTOR will work with DOU staff to define criteria for measuring the effectiveness of the program as well as for sizing potential future program size.

CONTRACTOR Responsibilities

1. Identify high, moderate and low risk pipe problems within neighborhoods.
2. Identify the pipes from maps generated by GIS using risk data that are needed for contracting purposes.
3. Work with DOU IT to develop a process for loading root control data into CMMS.
4. Data collection from CMMS and CCTV for evaluation of root control effectiveness, and develop recommendations for inclusion in the CSPA Annual Report.
5. Oversight, input, and reporting on program progress.

DOU Responsibilities

1. Develop RFQ for root chemical application.
2. Manage chemical root control contractor, including planning, dispatch, inspection and close out of work orders.

Assumptions

1. CONTRACTOR will be limited to planning and technical support
2. Activities on this task is to be conducted upon DOU's request

Task 3.3: Risk Based Scheduling Tool – CCTV and Cleaning Optimization Support

The objective of this task is to support DOU in developing and implementing tools and processes to: identify and prioritize when pipe cleaning and CCTV work orders should be performed to reduce SSOs while minimizing preparation time; and provide cleaning, CCTV, and SSO data to DOU in a meaningful and readily accessible format for asset management.

This task will build upon work begun in FY13 that supports a risk based scheduling approach for cleaning and CCTV. Frequency optimization will be achieved through the use of code based condition findings and a predefined set of criteria to clean or CCTV and an appropriate frequency.

CONTRACTOR Responsibilities

1. Work with DOU staff to develop an automated process for rescheduling CCTV data based on Asset Management's pre-defined decision criteria and existing CCTV condition data.
2. Develop a process to identify pipes with a 4 or 5 PACP score and track follow up work orders.
3. Evaluate CMMS fields to identify necessary data points in the Frequency Optimization Tool for cleaning optimization.
4. Work with DOU staff to identify the criteria for cleaning frequency optimization.
5. Work with DOU IT staff to develop a routine for automatically updating the existing CMMS schedules based on the frequency optimization recommendations.
6. Develop error reports to identify all assets that have had their schedules removed or have received more than one schedule for each unique work type.
7. Develop initial frequency and schedule recommendations based on existing CMMS and CCTV data to create a level loaded schedule.

DOU Responsibilities

1. Provide design input and review.

Assumptions

1. Tool will have read access to DOU data sets and will generate reports for schedule optimization and schedule exceptions.
2. Tool will not have write access to directly update the CMMS or CCTV databases
3. Activity on this task is to be conducted upon DOU's request

Deliverables

1. Brief design document including functionality, database structure, and user interface for the optimization tool.
2. Proof of Concept Tool & Help Manual.
3. Technical Memorandum Tool Implementation Plan.

Task 3.4: Optional As-needed Support

Potential additional scope items for this task are:

- SSMP Program Updates
- SWRCB Pre-Audit Questionnaire
- CCTV QA/QC Program Development
- Cityworks Reimplementation Support

Notes to Scope of Work

The period during which the Contractor services described herein will be performed from approximately July 1, 2013 through June 30, 2014. However, upon mutual consent of DOU and Contractor, some activities may extend beyond this time period. Remaining budget from FY 2013/2014 may be utilized for assignments continuing in FY 2014/2015.

The City Representative can approve reallocations of budgeted amounts from one task to another, and can approve carrying over unused funding from one Fiscal Year into the next, provided that the not-to-exceed amount specified in Exhibit B in not exceeded.

Attachment 2 to Exhibit B

Task No.	Task Description	Principal	Technical Specialist	Project Manager	Maint Sched	Database Manager	Collect System Tech Specialist	Project Engineer	O&M Support	Project Controller	Project Coord	Total HDR Labor Hours	Total HDR Labor ($)	Total HDR Expenses ($)	Subs ($)	Total Cost ($)
Task 1 - Project Management																
1.1	Project Management	48	144	144	0	0	0	0	0	50	50	436	$ 86,068	$ 6,885		$ 92,953
	Subtotal Task 1	**48**	**144**	**144**	**0**	**0**	**0**	**0**	**0**	**50**	**50**	**436**	**$ 86,068**	**$ 6,885**	**$ -**	**$ 92,953**
Task 2 - Staff Augmentation																
2.1	CSPA CD Manager	0	0	864	0	0	0	0	0	0	0	864	$ 171,850	$ 13,748		$ 185,598
2.2	Maintenance Scheduler	0	0	48	720	0	48	96	0	0	0	912	$ 137,822	$ 11,026		$ 148,848
2.3	Database Manager	0	0	48	384	304	0	96	0	0	0	832	$ 131,213	$ 10,497		$ 141,710
	Subtotal Task 2	**0**	**0**	**960**	**1,104**	**304**	**48**	**192**	**0**	**0**	**0**	**2,608**	**$ 440,885**	**$ 35,271**	**$ -**	**$ 476,156**
Task 3 - As Needed Technical Support																
3.1	FOG Program Assessment	0	0	48	0	0	0	0	0	0	0	48	$ 9,547	$ 764	$ 47,250	$ 57,561
3.2	Chemical Root Control Technical Support	0	0	144	240	144	0	0	0	0	0	528	$ 87,149	$ 6,972		$ 94,121
3.3	Risk Based Sceduling Tool	0	48	48	144	288	48	0	0	0	0	576	$ 98,654	$ 7,892		$ 106,547
	Subtotal Task 3	**0**	**48**	**240**	**384**	**432**	**48**	**0**	**0**	**0**	**0**	**1,152**	**$ 195,350**	**$ 15,628**	**$ 47,250**	**$ 258,228**
COLUMN TOTALS		**48**	**192**	**1,344**	**1,488**	**736**	**96**	**192**	**0**	**50**	**50**	**4,196**	**$ 722,303**	**$ 57,784**	**$ 47,250**	**$ 827,337**

Note: The City Representative can approve reallocations of the above budget amounts from one task to another, and can approve carrying over unused funding from one Fiscal Year into the next, provided that the not-to-exceed amount specified in Exhibit B in not exceeded.

HDR ENGINEERING, INC.

STANDARD RATE SCHEDULE

July 2013 to June 2014

City of Sacramento

Sewer System Regulatory Assistance, Bid Transaction #Q13141311008

Principal	$295
Technical Specialist	$205 to $295
Project Manager	$175 to $215
O&M Specialist	$165 to $195
Database Manager	$155 to $190
Maintenance Scheduler	$135 to $160
Project Engineer	$125 to $175
Project Controller	$125 to $150
Senior Administration/Technician	$90 to $130
Project Coordinator	$80 to $105
Clerical	$65 to $85

Please Note: Rates include current overhead rate plus profit and are adjusted annually.

EXPENSES

In-House Expenses

Technology Charge per Direct Labor Hour	$3.70
Vehicle Mileage (per mile)	Current Federal Travel Regulation (FTR)
Color Copy (per copy)	$0.75 to $1.50
Photocopies (per copy)	$0.10 to $0.20
Bond Plotting - Black & White (per square foot)	$0.135
Bond Plotting - Color (per square foot)	$0.50
Vellum - Black & White (per square foot)	$0.50
Mylar - Black & White (per square foot)	$0.90

Please Note:Technology charges include computer, CADD, network, software, and other related technology services. Expenses and subconsultants are charged with a five percent markup.