

May 3, 2018

Glen Kau, Director of Public Works
Kristy Morris, Ph.D, Environmental Analyst
City of Hermosa Beach
1315 Valley Drive
Hermosa Beach, CA 90254

RE: PROPOSAL FOR MS4 PERMIT CONSULTING FY2018-19

Dear Mr. Kau and Dr. Morris:

McGowan Consulting is pleased to provide this proposal to assist the City of Hermosa Beach (City) in implementing the requirements of the Municipal Stormwater Permit (LA MS4 Permit)¹ during fiscal year 2018-2019 (FY1819). We specialize in providing top-notch, customized stormwater quality and watershed protection consulting services to small municipal clients. Our staff are experts in resolving municipal stormwater regulatory challenges and we have an in-depth understanding of the City's stormwater quality needs and constraints. The enclosed Statement of Qualifications provides further details of our expertise.

This proposal provides a scope of services designed to: assist the City in implementing its individual requirements under the LA MS4 Permit; represent the City's interests at stakeholder and Co-Permittee meetings; work with City staff in pursuing grant funding for regional and distributed water quality improvement projects; and support the City in decision making and implementation of its individual responsibilities under the Beach Cities Enhanced Watershed Management Program (EWMP) and Coordinated Integrated Monitoring Program (CIMP). We have developed this proposal based on the regulatory requirements of the current 4th term LA MS4 Permit and our understanding of the City's particular needs. Regional Water Quality Control Board (Regional Board) staff have stated that they anticipate the adoption of a new LA MS4 Permit this year, therefore, it is assumed that the 5th term LA MS4 Permit will be adopted during FY1819. The level of effort in certain subtasks reflects support for the permit negotiation process but does not assume any significant new effort to implement the 5th term LA MS4 Permit during FY1819 given the uncertainty of timing and content of the next permit.

McGowan Consulting also serves as watershed coordinator for the Beach Cities Watershed Management Group to facilitate implementation of the Beach Cities CIMP and EWMP and watershed annual reporting; however, that watershed coordination work is contracted separately under the Beach Cities' memorandum of understanding for CIMP Implementation (Beach Cities CIMP MOU) and so is excluded from this scope of services.

Scope of Services

As authorized by the Federal Clean Water Act and the California Porter-Cologne Act, the LA MS4 Permit

¹ Order No. R4-2012-0175 NPDES Permit No. CAS004001 Waste Discharge Requirements for Municipal Separate Storm Sewer System (MS4) Discharges within the Coastal Watersheds of Los Angeles County, except those Discharges Originating from the City of Long Beach

identifies conditions, requirements and programs that municipalities must implement to protect regional water resources from adverse impacts associated with pollutants in stormwater and urban runoff. Although the 4th term LA MS4 Permit expired in December 2017, the City is obligated to continue to comply with the permit requirements, including the elements of the approved Beach Cities EWMP and CIMP, until a new 5th term LA MS4 Permit is issued.

This scope of services is organized into tasks according to the following LA MS4 Permit program areas:

- Task 1 – Stormwater Program Management and Coordination;
- Task 2 - Public Information and Participation Program;
- Task 3 - Industrial/Commercial Facilities Control Program;
- Task 4 - Planning & Land Development and Construction Programs;
- Task 5 - Public Agency Activities Program;
- Task 6 - Illicit Connection & Illicit Discharge Elimination; and
- Task 7 – Pursuit and Implementation of Grant Funding for Stormwater Projects

Task 1 Stormwater Program Management

The LA MS4 Permit affects a wide range of municipal activities and requires effective management and coordination of LA MS4 Permit activities across municipal functions. Task 1 is focused on providing assistance to the City in stormwater program management and coordination and annual reporting.

Subtask 1.1 Coordination and Communication

This subtask provides an allocation of time for internal project management and organization and regular communication via email and telephone with City staff, and periodic meetings with City staff on the status of work progress, regulatory and watershed developments, grant funding opportunities, need for action or response, and to obtain direction from City staff as needed. In addition, this subtask includes time to track and update City staff on the progress of the County's Safe Clean Water funding measure and legal challenges to the MS4 Permit.

Subtask 1.2 Annual Reporting

The City is required to submit an individual annual report to the Regional Board by December 15th each year covering the preceding reporting period that aligns with the City's fiscal year (July 1st-June 30th). This subtask covers McGowan Consulting's preparation of the individual annual report for the City based on information already in-hand and information to be provided by City staff covering activities implemented during the reporting year. By August 15th, 2018 McGowan Consulting will prepare a first draft individual annual report given the information already in hand and provide City staff a list of information needed to complete the individual annual report. Information requested may include but is not limited to:

- Budgetary information on stormwater expenditures in each category for FY17-18 and projected budget for FY18-19;
- Public outreach and education events and materials;
- Low impact development (LID) project information for private and public development and redevelopment projects completed within the reporting year;
- Building & Safety's storm-water related construction inspection and plan check review records (including SWPPP/ESCP review and approval);
- Public works capital improvement projects related to stormwater; and

- Illicit connection and discharge incident results and records, including enforcement actions taken.

The County of Los Angeles has developed the GIS-based Watershed Reporting Adaptive Management and Planning System (WRAMPS) which includes a Project Module to assist Permittees and watershed groups in compiling and analyzing the LID project data necessary for completing the individual and watershed annual reports. WRAMPS produces effectiveness assessment metrics for annual reporting cumulatively from one reporting year to the next. It is assumed that LID project information for FY1718 will be provided by City staff to McGowan Consulting for the purposes of annual reporting either in the Excel® spreadsheet template format provided by WRAMPS or the LID Project form developed by McGowan Consulting.

Given timely receipt of the requested annual report information from City staff in the necessary electronic formats no later than September 15th, 2018, a complete second draft individual annual report for City staff review will be delivered in electronic format by October 15th, 2018. A two-week turnaround for City staff review with a consolidated set of City staff comments, and a single revision of the annual report are assumed. Following receipt of comments from City staff, the individual annual report will be revised, and the final individual annual report prepared in the form of electronic PDF files. Because the individual annual reports inform the preparation of the watershed annual report that is also due by December 15th, 2018, it is critical that the City's individual annual report be complete by November 1st, 2018. The individual annual reports also inform the preparation of the biennial Adaptive Management Report also due by December 15th, 2018.

The joint Beach Cities Watershed annual report will also be prepared by McGowan Consulting and is covered by the separate contract under the Beach Cities CIMP MOU. Since Regional Board staff have requested that each Permittee's individual annual report be submitted as an attachment to its watershed annual report rather than separately, McGowan Consulting will deliver the City's individual annual report in the preferred electronic format to Regional Board staff along with the Beach Cities watershed annual report. An electronic copy of the individual annual report will be provided for the City's records.

Subtask 1.2 Deliverables:

- First draft, second draft and final FY17-18 Individual Annual Report

Subtask 1.3 Permit-wide Planning and Coordination

This subtask includes time to participate in LA MS4 Permit Co-Permittee meetings and coordination conference calls to share information, resources and address co-permittee and watershed group challenges cooperatively amongst the 84 co-permittees of the LA MS4 Permit. An allocation of time is provided for attendance at bi-monthly LA Permit Group Meetings. Additionally, it is anticipated that the 5th term LA MS4 Permit will be negotiated and adopted during the fiscal year and attendance at two (2) Regional Board special meetings or workshops regarding the draft permit is also assumed. An allocation of time is included to review and comment on the anticipated draft 5th term LA MS4 Permit as well as other regulatory actions by the Regional Board and State Water Resources Control Board (State Board). Much of the work in this subtask, such as attending meetings and reviewing and analyzing the draft permit, will be performed in common for McGowan Consulting clients with similar interests and characteristics, and as such the effort assumed in this subtask is reduced based on cost-sharing among several clients.

Task 2 Public Information and Participation Program

Each co-permittee is responsible for developing and implementing a Public Information and Participation Program (PIPP) that addresses specific LA MS4 Permit requirements and meets the general objectives of:

- Measurably increasing the knowledge of target audiences about the adverse impacts of stormwater pollution on receiving waters and the potential solutions to mitigate these impacts
- Measurably changing the waste disposal and stormwater pollutant generating behavior of target audiences
- Involving and engaging a diversity of socio-economic groups and ethnic communities in mitigating the impacts of stormwater pollution.

Each of the required elements of the PIPP may be met by the City either through a County-wide, watershed group, or individual program approach. The County has stated that it will continue implementing the following County-wide efforts on behalf of the Permittees: maintaining the countywide hotline (888-Clean-LA) and website (888cleanLA.com) for public reporting, broadcasting public service announcements and conducting regional advertising campaigns, and implementing a K-12 outreach program. In addition, the Beach Cities WMG continues to work jointly to develop some of the required elements of the PIPP—effort to develop joint PIPP materials is included in the separate contract under the Beach Cities CIMP MOU and is excluded from this scope of services.

This task provides for McGowan Consulting to assist the City in implementing City-specific elements of the PIPP requirements, such as disseminating outreach materials to the City's residents and businesses, customizing or updating existing outreach materials, and providing recommendations for updating the City's stormwater webpages or providing links on its webpage to stormwater websites that include educational materials. An allocation of time is provided for McGowan Consulting to prepare stormwater updates for City Council as directed by City staff to educate the public and update the Council members on issues such as: LA MS4 Permit negotiations, LA County Safe, Clean Water Program and proposed parcel tax, and EWMP adaptive management actions. This task also provides an allocation of time for McGowan Consulting to provide staffing at one (1) half-day (three- to four-hour long) community outreach event.

It is assumed that the City's solid waste franchise contract and Recycled Beverage Container and Oil Payment Program implemented by other contract service providers will address the LA MS4 Permit requirement to distribute information to residents on proper handling of wastes such as vehicle waste fluids, household waste materials, construction waste materials, green waste and animal waste, and that no assistance is needed from McGowan Consulting to meet that requirement. It is also assumed that printing of public education materials for distribution to the public will be procured directly by the City through direct purchase orders with vendors or through a joint agreement among the Beach Cities WMG and are excluded from this Scope of Services.

Task 2 Deliverables:

- Customization/update and/or dissemination of outreach materials
- Memo with recommendations for content changes or additions to the City's website and outreach

materials

- Staffing for a stormwater booth at one half-day community outreach event
- City Council staff reports or presentations

Task 3 Industrial & Commercial Facilities Control Program

The LA MS4 permit requires the implementation of an Industrial/Commercial Facilities Control Program to track, inspect and ensure that source control measures are being implemented at industrial and commercial facilities that are considered critical sources of pollutants in storm water. Subtask 3.1 addresses the tracking and assistance to commercial and industrial facilities, excluding food service establishments, while Subtask 3.2 addresses the tracking, education and assistance to food service establishments via the Clean Bay Restaurant Program.

Subtask 3.1 Industrial & Commercial Facilities Tracking and Assistance

In FY1718, McGowan Consulting assisted the three (3) industrial critical source facilities in the City with filing for Industrial General Permit coverage in the form of a No Exposure Certification through the State Water Resource Control Board's SMARTS website. Subsequently, the City was notified that one of the sites will be changing ownership during FY1819 and will need to refile for a new NEC through SMARTS. An allocation of time has been included in this subtask for McGowan Consulting to assist the business in filing for a new NEC. This subtask assumes the other two sites' NEC applications were completed during FY1718.

The City completed the first required round of commercial facility inspections by the LA MS4 Permit deadline of December 28, 2014, and the second required round by December 28, 2017, therefore, it is assumed that there will be no commercial inspections during FY1819 other than the Clean Bay Certification restaurant inspections described in subtask 3.2. There is a small allocation of four (4) hours in this subtask for updating the commercial facilities inventory as needed based on information collected by City field staff during routine activities (e.g., should City staff discover a business has closed or a new business has opened).

Subtask 3.1 Deliverables:

- Training session for targeted City staff
- Updated commercial facilities inventory based on information obtained by City field staff

Subtask 3.2 Business Assistance (Clean Bay Restaurant Program)

This subtask provides for McGowan Consulting to conduct Clean Bay Certification assessments at the approximately one hundred and four (104) restaurant facilities in the City. McGowan Consulting will conduct an initial inspection at each facility using the City's customized Clean Bay Certified Checklist. McGowan Consulting will use the completed inspection reports to update the City's Commercial/Industrial Facility Inventory and make recommendations to City Staff on which sites should become certified or re-certified. Identified stormwater violations or necessary corrections will be discussed with the facility owner or representative and referred to City staff for follow up. McGowan Consulting will also coordinate with The Bay Foundation staff to ensure that certified sites are recognized on their website and through social media. It is assumed that City staff will be responsible for any necessary follow ups and for the distribution of window clings to Clean Bay certified restaurants.

Subtask 3.2 Deliverables

- Completed assessment forms for each restaurant
- Updated restaurant facilities inventory based on recent assessment results, including recommendations for certification and any necessary follow ups

Task 4 Planning & Land Development and Construction Programs

The Planning and Land Development provisions of the LA MS4 Permit require the City to ensure that private development and redevelopment projects provide for permanent measures to reduce storm water pollutant loads from the development site by conditioning approval of these projects with low impact development (LID) requirements. The City is also responsible for requiring that its qualifying capital improvement projects incorporate LID requirements, including the City's Green Street Policy. During FY1718, McGowan Consulting completed a revision to the draft LID Developer's Guide, which provides guidance to assist the development community working within the City with proper implementation of the LID Requirements. This task assumes that the LID Developer's Guide was finalized during FY1718.

McGowan Consulting understands that a revision of the LID ordinance is contemplated during FY1819 to increase the proportion of redevelopment projects that are subject to LID. This revision would accelerate the City's overall rate of reduction in effective impervious area over time which would support the City's attainment of milestones and schedule commitments in the approved Beach Cities EWMP. It is also possible that revision to the City's ordinance may be required after the issuance of the 5th term LA MS4 Permit. Accordingly, an allocation of effort is provided for McGowan Consulting to assist City staff in preparing a revision to Chapter 8.44.095 Stormwater and Urban Runoff Pollution Control of the City's municipal code to address minor changes required by the 5th term LA MS4 Permit and/or to revise the LID provisions to carry out adaptive management actions consistent with the Beach Cities EWMP. It is assumed that this revision will not be a wholesale repeal and replacement of Chapter 8.44.095, but rather that the chapter will remain substantially intact with redline changes to be made at select locations.

The Development Construction provisions of the LA MS4 Permit require the City to ensure that development and redevelopment projects implement measures to reduce storm water pollutant loads from the development site during construction, including its own capital improvement projects. An allocation of time is included in this task for McGowan Consulting to track reporting by construction sites disturbing 1 acre or more in the State Board's online SMARTS system on a quarterly basis to ensure the proper reporting requirements have been met. For public works construction projects, it is essential for the City to ensure that online reporting is completed in a timely manner. This quarterly tracking will allow McGowan Consulting to alert City staff of potential paperwork deficiencies and need for closer follow up at large construction sites, whether they are City-owned public works projects or private commercial projects.

Most construction sites in the City are less than one acre in size and for such sites the City is responsible for ensuring that development contractors implement a prescribed list of stormwater BMPs outlined in the LA MS4 Permit consistent with the training previously provided by McGowan Consulting—the small site construction brochure developed jointly by the Beach Cities WMG is targeted at small construction site developers and can be used by City building & safety staff to educate and enforce these requirements. The City is also required to review and approve construction plan documents for sites one acre or greater subject to the statewide Construction General Permit (CGP) for consistency with a similar set of prescribed

stormwater BMPs in the LA MS4 Permit. The City must also carry out inspections of CGP sites at frequencies consistent with the LA MS4 Permit requirements. It is assumed that the City is utilizing contracted or in-house Building and Safety inspectors that are trained and knowledgeable in inspection procedures consistent with the State Board Qualified SWPPP Practitioner program for the CGP for these inspections and construction plan reviews and will provide the necessary information to McGowan Consulting for annual reporting purposes. This task includes an allocation of time to conduct one (1) refresher training with City staff on the LA MS4 Permit construction program requirements.

Task 5 Public Agency Activities Program

The Public Agency Activities program focuses primarily on activities of public works and community service staff and requires implementation of BMPs to minimize water quality impacts from the operation and maintenance of public facilities, including parks, streets, recreational and other municipally owned or operated facilities. Trash reduction efforts to meet the Santa Monica Bay Debris TMDL are included in subtask 5.1 and training of public works personnel in positions whose activities may affect stormwater quality is included in subtask 5.2.

Subtask 5.1 Trash/Debris TMDL Support

By August 20th, 2018 the City will need to determine a compliance strategy for installing full capture systems for trash to attain the Santa Monica Bay Debris TMDL in areas of the City outside of tributary areas to planned regional BMP projects. This strategy will need to be outlined in a plan that is to be submitted with the biennial Adaptive Management Report due in December 15th, 2018. Installation of 50% of the specified full capture systems will need to be completed by March 20th, 2019, and it is assumed the City will be responsible for completing installation by the deadline. This subtask provides an allocation of 48 hours for McGowan Consulting to assist City staff in developing the City's compliance strategies for trash reduction in the Santa Monica Bay and preparing the narrative plan that will be incorporated into the Adaptive Management Report, which is being completed through a separate contract under the CIMP MOU.

It is assumed that City staff will prepare GIS-based mapping to support this plan including, but not limited to, maps depicting:

- Storm drain networks within the City
- Locations of existing Full Capture Systems installed in City catch basins
- Locations of proposed certified Full Capture Systems to address 50% of the City's drainage area outside of the tributary area to planned regional BMPs
- GIS-based delineation of tributary area to each proposed and existing Full Capture System
- Locations of planned regional BMP projects with GIS-based delineation of tributary areas to each.

Subtask 5.2 Public Works Activities Training

The City must train all employees in targeted positions whose interactions, jobs, and activities affect stormwater quality. This training requirement also applies to contractors performing privatized/contracted municipal services such as landscape maintenance or trash collection. Training must address the requirements of the overall stormwater management program, as well as training specific to the duties carried out by the employee or contractor. This task provides for preparation and

delivery of an interactive training for targeted City staff and any contracted service providers selected by the City. The training will provide an overview of the permit requirements and then focus the majority of training time on storm water practices related to their specific duties. A single 1- to 1.5-hour presentation is assumed with additional time for open discussion.

Subtask 5.2 Deliverables:

- Training session for targeted staff

Task 6 Illicit Connection & Illicit Discharge Elimination Program Implementation

The City's Illicit Connection and Illicit Discharge (ICID) Elimination program includes procedures for conducting investigations to identify the source of suspected illicit discharges and procedures for eliminating the discharge. The City's ICID procedures manual was updated in in FY15-16 for consistency with the 2012 LA MS4 Permit requirements and with the Non-Stormwater Screening and Monitoring procedures outlined in the Beach Cities CIMP. Since two rounds of training of City staff and contractors in illicit discharge identification have been completed during the current permit term, no additional training of existing field staff is required, however training of new staff members must be provided within 180 days of starting employment.

This task provides for McGowan Consulting support of City staff as needed in implementing the ICID program and/or training newly hired staff in illicit discharge identification.

Task 6 Deliverables:

- As needed training session for newly hired field staff

Task 7 Pursuit and Implementation of Grant Funding for Stormwater Projects

As part of its commitment in the Beach Cities EWMP, the City must make a good faith effort to pursue funding for the regional and distributed capital projects that are proposed for construction within its jurisdiction. Grant funding allows the City to leverage municipal resources for the construction of such capital projects. This task provides for McGowan Consulting to assist the City in the tracking and pursuit of grant funding. Once grant money is secured by the City, there are reporting and implementation requirements requisite to obtaining the funds. This task also provides for McGowan Consulting to assist City staff in meeting these requirements for awarded grant funds.

Subtask 7.1 Pursuit of Grant Funding

This subtask provides an allocation of effort for McGowan Consulting to assist City staff in preparing one (1) complete grant application for a capital project chosen in consultation with City staff based on the City's priorities for a targeted grant solicitation. This allocation of effort includes time for McGowan Consulting to assist City staff in preparing one (1) grant application and supporting information. It is assumed that City staff will provide the following items for the grant application:

- Engineers cost estimate for selected project;
- Schematics and/or GIS-based maps requested by the application; and
- Project scope/description.

Time is also allocated in this subtask for McGowan Consulting to track and evaluate grant solicitations

and funding opportunities.

Subtask 7.2 Implementation of Grant Program Requirements

In December 2016, the State Board approved funding under the Prop 1 Stormwater Implementation grant program for the design and construction of the Hermosa Beach Greenbelt Infiltration Project (Project). The eligible start date for reimbursement of grant funds was December 1, 2017. The Project is currently in the design phase and is expected to begin construction during FY1819. One of the first deliverables under the grant program is a Project Assessment and Evaluation Plan (PAEP) and Quality Assurance Project Plan (QAPP) to demonstrate that expected outcomes have been met following construction of the Project. This subtask provides an allocation of time for McGowan Consulting to review and comment on the PAEP and QAPP being prepared by the Project's design contractor under a separate contract. The Prop 1 Stormwater Implementation grant program also requires the submittal of quarterly invoice packages to the Grant Manager. An allocation of three (3) hours per quarter has been included to allow McGowan Consulting to review these packages prior to submittal. It is assumed that City staff and/or the Project's design contractor will prepare and submit the invoice packages.

An allotment of time is also included in this task to attend one (1) City Council meeting to support City staff in providing an update on the progress of the Hermosa Greenbelt Project, if needed.

COST OF SERVICES

McGowan Consulting will conduct the work effort described in the above Scope of Services for an amount not to exceed \$76,313 as detailed in the attached Budget Table and Rate Schedule. In order to provide a measure of flexibility to best meet the needs of the City, it is understood that reallocation of level-of-effort between tasks and subtasks may occur so long as the total contract amount is not exceeded. When possible, consulting time for attending meetings and performing tasks in common for clients will be distributed between two or more clients, thereby reducing individual costs to each client. Subtasks where such cost-sharing has been assumed in the level of effort are identified with an asterisk (*) in the Budget Table. Invoices will be submitted based on actual effort expended in accordance with the attached rate schedule for FY18-19. Labor rates shown in the Rate Schedule include automobile mileage, parking fees, and routine printing and copying. Other direct costs chargeable to the project may include: subcontracted graphic design, illustration and translation services; report reproduction and binding; courier services; and other direct project costs not specifically included in labor rates.

McGowan Consulting will inform City staff of changing requirements and emerging issues as part of regular communication. It is the nature of regulatory-driven programs to be subject to uncertainty and unpredictable events such as changes in regulatory requirements with the issuance of the 5th term permit, new/emerging regulatory issues, or significant additional support required by City staff that was unanticipated. If such unpredictable event(s) or needs arise, we are prepared to assist the City and, if necessary and at City staff's direction, we will submit a request for an authorization for scope change to provide the City with additional consulting services to respond to meet the need.

Please do not hesitate to contact me if you have any questions or require additional information or scope clarification. Thank you for the opportunity to continue to work with you and your colleagues at the City of Hermosa Beach.

Sincerely,

A handwritten signature in blue ink that reads "Kathleen McGowan". The signature is fluid and cursive, with the first name "Kathleen" and last name "McGowan" clearly distinguishable.

Kathleen C. McGowan, P.E.
Principal

Attachments:

Budget Table
Rate Schedule

**MS4 Permit Consulting Budget
FY18-19 City of Hermosa Beach**

Task Description	Labor Hours	FY1819 Budget
Task 1 Stormwater Program Management		
1.1 - Coordination and Communication	60	\$8,760
1.2 - Annual Reporting	50	\$7,300
1.3 - Permit-wide Planning and Coordination *	34	\$4,964
Subtotal Task 1	144	\$21,024
Task 2 Public Information and Participation Program		
PIPP Program Implementation	52	\$7,280
Subtotal Task 2	52	\$7,280
Task 3 Industrial & Commercial Facilities Control Program		
3.1 - Industrial/Commercial Facilities Tracking and Inventory	8	\$760
3.2 - Business Assistance (Clean Bay Restaurant)	107	\$10,165
Subtotal Task 3	115	\$10,925
Task 4 Planning & Land Development and Construction Programs		
Planning & Land Development and Construction Support	78	\$11,388
Subtotal Task 4	78	\$11,388
Task 5 Public Agency Activities Program		
5.1 - Trash/Debris TMDL Support	48	\$7,008
5.2 - Public Works Activities Training *	24	\$3,504
Subtotal Task 5	72	\$10,512
Task 6 Illicit Connection & Illicit Discharge Elimination Program		
IC&ID Program Support	10	\$1,460
Subtotal Task 6	10	\$1,460
Task 7 Pursuit and Implementation of Grant Funding for Stormwater Projects		
7.1 - Pursuit of Grant Funding	60	\$8,760
7.2 - Implementation of Grant Program Requirements	34	\$4,964
Subtotal Task 7	94	\$13,724
TOTAL ALL TASKS	565	\$76,313

* indicates tasks that incorporate cost/labor savings due to work performed in common for more than one client

McGowan Consulting, LLC

Labor Rates

Contract Year 2018-19¹

Professional/Staff Rates

Principal	\$158 per hour
Sr. Scientist	\$131 per hour
Staff Scientist	\$58 per hour

Expenses

Labor rates include: automobile mileage within greater Los Angeles and Orange County area, parking, routine printing and copying

Other direct costs chargeable to the project include: graphic layout and illustration, webpage design and hosting, translation services, report reproduction and binding, courier services, blueprint services, graphics services, project-specific publications, and any other direct project costs not included in the labor rates.

¹ Labor rates to be adjusted annually based on increases in the Consumer Price Index for the Los Angeles area as calculated by the U.S. Department of Labor Bureau of Labor Statistics