



CITY OF PACIFIC GROVE
300 Forest Avenue, Pacific Grove, California 93950

AGENDA REPORT

TO: Honorable Mayor and Members of City Council

FROM: Jessica Kahn, Environmental Programs Manager

MEETING DATE: March 2, 2016

SUBJECT: Agreement with Wallace Group for the Engineering Design of Urban Runoff Diversion - Phase 4 Project

CEQA: Certified Final Environmental Impact Report (FEIR) for the Area of Special Biological Significance Stormwater Management, 2014.

RECOMMENDATION

Approve a resolution to authorize the City Manager to execute an agreement with Wallace Group for the engineering design for Urban Runoff Diversion - Phase 4 Project, in an amount not to exceed \$150,000.

DISCUSSION

The City of Pacific Grove was awarded a \$100,000 grant from the Monterey Peninsula Water Management District (MPWMD) to fund development expenses associated with the Stormwater and Dry Weather Flow Reuse Project. A component of this project is to initialize the capture of stormwater flows west of Lovers Point Park. This component is referred to as the "Urban Runoff Diversion - Phase 4 Project". The goals of the diversion project are to capture stormwater for reuse by the Monterey Regional Water Pollution Control Agency (MRWPCA) and to reduce bacteria and other pollutant loading into the Monterey Bay Sanctuary, particularly during the dry season, when flows are prohibited by the ASBS Special Protections. Phases 1-3 of the Urban Runoff Diversion diverts approximately 700 acres of dry weather runoff to the sanitary sewer system. Additional funding is being sought for the construction of this project through the State Water Resources Control Board Proposition 1 Program.

In 2013 the City completed the 40% design of the Ocean View Boulevard Conveyance (Sub-Project 3 of the Monterey-Pacific Grove ASBS Stormwater Management Project). This project would convey stormwater through three pump stations from the existing storm drain along Ocean View Boulevard to the Point Pinos Treatment Facility, with underground storage proposed beneath the intersection of Caledonia Street and Pacific Avenue. This project design serves as the basis for the Urban Diversion Phase 4 Project, however, improvements will be connected to a MRWPCA Pump Station (i.e. not continue west towards the future Point Pinos Treatment facility) eliminating the need for one or more of the pump stations proposed in the original project. Stormwater storage will also be considered at the Golf Course rather than at Caledonia Park.

On November 6, 2015 the City issued a request for proposals (RFP) for professional services for the design of the Urban Runoff Diversion - Phase 4 Project. The deadline for submittals was December 18, 2015. Staff received three proposals responding to the RFP.

Fall Creek Engineering, Inc.	\$199,593
Schaaf & Wheeler	\$385,254
Wallace Group	\$381,532

Proposals were reviewed and interviews conducted on January 28, 2016. Rating criteria included: the project understanding and timeline, the proposed approach and design, proposal quality and cost-effectiveness, and comparable experience and staffing for the scope of work. Wallace Group had the highest professional qualifications ratings for this project because of its project approach, detailed scope of work, and relevant qualifications and experience. Additionally, the Wallace Group has extensive experience in grant writing, which was beyond the scope of the RFP.

California Government Code Section 4526 requires that professional engineering service contracts be awarded based on demonstrated qualifications. The code section reads, in part:

“Notwithstanding any other provision of law, selection by a state or local agency head for professional services of private architectural, landscape architectural, engineering, environmental, land surveying, or construction project management firms shall be on the basis of demonstrated competence and on the professional qualifications necessary for the satisfactory performance of the services required.”

Although the Wallace Group proposal costs were not the lowest of those received, their overall qualifications ratings were the highest of the three proposals. Through negotiations, staff has reduced the initial proposal costs to approximately \$150,000 for the Preliminary Design Report of the project and the addition of assistance with the Proposition 1 Grant application (Tasks 1-3 in the attached Scope of Work).

FISCAL IMPACT

Funding for the Preliminary Design Report and grant application of Urban Runoff Diversion - Phase 4 Project is available through the \$100,000 grant from the Monterey Peninsula Water Management District (MPWMD). \$50,000 is available in the Storm Water Fund 44 and is required as a match for the grant.

City staff will submit a Proposition 1 grant application for remainder of design and construction of the Urban Runoff Diversion - Phase 4 Project to the State Water Resources Control Board. If awarded, the funds spent on the project can be counted as matching funds for the grant.

ATTACHMENTS

1. Resolution
2. Wallace Group Scope of Work

RESPECTFULLY SUBMITTED:



Jessica Kahn
Environmental Programs Manager

REVIEWED BY:



Ben Harvey
Interim City Manager

RESOLUTION NO. 16-____

**RESOLUTION OF THE CITY COUNCIL OF THE CITY OF PACIFIC GROVE
AUTHORIZING THE CITY MANAGER TO EXECUTE A CONTRACT WITH THE
WALLACE GROUP FOR THE ENGINEERING DESIGN OF URBAN RUNOFF
DIVERSION PHASE 4**

FINDINGS

1. The City of Pacific Grove was awarded a \$100,000 grant from the Monterey Peninsula Water Management District to fund development expenses associated with the Stormwater and Dry Weather Flow Reuse Project. A component of this project is to initialize the capture of stormwater flows west of Lovers Point Park. This component is referred to as the “Urban Diversion Phase 4 Project”.
2. In 2013 this project was designed to 40% as Sub-Project 3 of the Monterey-Pacific Grove ASBS Stormwater Management Project.
3. On November 6, 2015, the City issued a request for proposals to complete engineering and design for the Urban Diversion Phase 4. The deadline for submittals was December 18, 2015. Three proposals were received.
4. The Wallace Group is recommended as the most qualified responsible bidder.
5. The contract for the Preliminary Design Report will be funded by the MPWMD LWP Grant and Storm Water Fund 44.
6. The Final Environmental Impact Report (FEIR) for the Area of Special Biological Significance Stormwater Management Project was certified in 2014. Changes to the project in the design phase may require an EIR amendment.

**NOW, THEREFORE, BE IT RESOLVED, THAT THE CITY COUNCIL OF THE CITY
OF PACIFIC GROVE:**

1. The Council determines that each of the Findings set forth above is true and correct, and by this reference incorporates those Findings as an integral part of this Resolution.
2. The Council authorizes authorizing the City Manager to execute an agreement with the Wallace Group for the Preliminary Design Report of Urban Diversion Phase 4, in an amount not to exceed \$150,000.
3. This Resolution shall take effect immediately following its adoption.

PASSED AND ADOPTED BY THE COUNCIL OF THE CITY OF PACIFIC GROVE
this 2nd day of March, 2016, by the following vote:

AYES:

NOES:

ABSENT:

APPROVED:

BILL KAMPE, Mayor

ATTEST:

SANDRA KANDELL, Deputy City Clerk

APPROVED AS TO FORM:

DAVID C. LAREDO, City Attorney

PROJECT UNDERSTANDING AND COMPONENTS

The City of Pacific Grove has requested Wallace Group to amend the scope of work submitted in our December 18, 2015 proposal with the following goals:

- Prepare a Preliminary Design Report (PDR) that will provide sufficient detail to identify a viable project. The PDR will meet the guidelines for the application for Prop 1 Grant Funds through the Water Board.
- Assist the City in preparing the grant application for Prop 1 funding.

Once the City either receives the grant funding or an alternative funding source is identified, final design will be completed. The scope of work will remain in this document as a place holder for further negotiations.

Based on discussions with the City, the following are the project components that will be included in the PDR:

- Prepare a hydrology evaluation that will only include the watershed that drains directly to Caledonia Park. The hydrology evaluation will not include the watershed that would be received by the Caledonia Watershed via the Pine Street storm drain project. It is assumed that additional storage can be constructed in the future if the Pine Street project is pursued.
- A new underground storage facility to be constructed under the 6th hole of the Pacific Grove Golf Course.
- A new lift station to be constructed adjacent to the underground storage that will pump to Lift Station #13 via a new force main.
- Prepare a hydrology evaluation of the watershed that drains to Sea Palm.
- A new diversion structure and lift station at Sea Palm Parking Lot that will pump to Lift Station #15 via the gravity sewer collection system.

SCOPE OF WORK

Wallace Group has prepared the following Scope of Services to meet the objectives and requirements of this Project identified above:

TASK 1 PROJECT MANAGEMENT AND TECHNICAL MEETINGS

Task 1.1 Project Management

Wallace Group will provide day-to-day project management and coordination necessary to conduct the work. We will provide email updates and will prepare and submit monthly progress reports during design and maintain a project schedule. The fees for project management are based on a 4 month schedule.

**Note, additional project management fees will be required for Phase II of this project.*

Task 1.2 QA/QC

We will provide in-house quality assurance and quality control (QA/QC) prior the submittal of the PDR. The review will be conducted by Craig Campbell, PE, PLS, QSD/P, LEEDAP, Principal/Vice President.

**Note, additional QA/QC fees will be required for Phase II of this project.*

Task 1.3 Meetings and Site Visits

Wallace Group will attend a kick-off meeting with City Engineer, Public Works Staff, and others such as the design engineer for the Pacific Grove Local Water Project and Monterey Regional Water Pollution Control Agency to discuss goals, constraints, visions, schedule, and needs for the Project. We will prepare the meeting agenda and minutes for the kick-off meeting. We will also walk the project site to see any constraints and discuss preliminarily the facility site locations.

Wallace Group will also coordinate and prepare meeting agendas and minutes for the following meetings with the City:

1. One (1) Project progress/review meeting following the submittal of the Preliminary Design Report.

Additional meetings will occur in Phase II of this project, not currently in the fees provided for Phase I. They include:

2. Two (2) Project progress/review meetings following the submittal of the 60% and 90% Design.
3. A pre-application meeting with MRWPCA following the submittal of the Final Preliminary Design Report.
4. An additional meeting as needed throughout the duration of the project.

Wallace Group is available for additional meetings on a Time and Materials Basis, at the request of the City.

Deliverables:

The following deliverables will be provided to the City as part of this Task 1:

- PDF of meeting minutes/notes, draft and final

TASK 2 PRELIMINARY INVESTIGATIONS AND DESIGN REPORT

Task 2.1 Existing Data Review

Wallace Group will obtain from the City and review relevant documents, including, but not limited to:

- Monterey-Pacific Grove ASBS Stormwater Management Project
- 40% Design Engineering Report
- Environmental Impact Report
- Sewer Model (Prepared by Wallace Group)
- Watershed delineations
- Urban Diversion Project (Phase 1-3) Design Build Documents
- IRWM Report
- RWQCB Permits/Reports relative to discharge to Monterey Bay

Task 2.2 Watershed Hydrological Analysis

Wallace Group will conduct a hydrological analysis with the goal to determine the volume of water from an 85th percentile storm for the Caledonia Watershed and the Sea Palm Watershed. This analysis will assist in sizing the underground storage and/or diversion structures. Wallace Group will also perform a statistical analysis to determine the volume of runoff captured and transported through the sewer system, in a dry year, an average year, and a wet year.

1. 85th Percentile Storm Runoff Volume

We will review the available reports and data and determine the runoff volume from the 85th percentile storm by the following methods:

- a. Watershed delineation - We assume that the storm drain networks shown in the prior engineering reports will be made available to use in electronic form. We will compare this to publicly available topography to delineate the watershed boundaries. This boundary will then be verified during a site review.
- b. Other data sources necessary for the analysis, such as the soil types, rainfall rate, and percent of impervious cover, will be independently verified based on available data.
- c. Independent calculations - We will calculate the 85th percentile storm runoff volume by two independent methods - a hydrograph or NRCS TR-55 method, and the Regional Water Quality Control Board (RWQCB) simple method. We will compare and review the two results and make a determination as to runoff volume, and this will be the basis for sizing the underground storage.

2. Annual Volume of captured and transported runoff

Wallace Group will determine the volume of runoff that can be both captured and transported through the sewer system for three representative storms (dry year, average year, wet year).

We will review the daily variation of wastewater flows at LS #15 and #13, and compare this to the system capacity to determine a daily capacity available to convey the captured stormwater. We will compare the daily transport capacity to a statistical analysis of the rainfall records from a dry year, an average rainfall year, and a wet year to determine the annual volume of runoff that can be captured and transported from the proposed system. In this analysis, we will assume that in storms larger than the 85th percentile rainfall, that excess runoff bypasses the storage system.

For scoping purposes, Wallace Group has assumed that the electronic data files, including the report, graphics, GIS files, and modeling completed in the Student and 40% Design Report will not be made available. It would be a project cost savings if the City were able to obtain this data.

Task 2.3 Phase I Survey

To assist with the Preliminary Design Report, Wallace Group will survey specific components of the project including:

- 6th Hole of the Pacific Grove Golf Course
- Storm Drain inverts required to assist in the preliminary design

The topographic survey at the Golf Course will be mapped at a one-foot contour interval and will include major features such as pavement markings, sidewalk, curb, flow line, and lip of gutter, concrete flatwork, grade breaks; visible survey monuments based on a search of County Surveyor index; power poles, fire hydrants, water valves, public utility boxes and vaults, manholes, rim elevation and inverts, drop inlets, catch basins, approximate pipe sizes and direction of pipe, paint markings which indicate the presence of underground utilities, and other utilities; parking meters, driveways, walls, railings; trees 4-inches in diameter and greater and other items according to standard practice.

At the 6th Hole of the Pacific Grove Golf Course, we will plot the record location of the Right of Way and boundary lines adjacent to survey area. The plotted location of these lines will be plotted based on record information and will be approximate.

We will also procure a Preliminary Title Report (PTR) from First American Title Company and plot the applicable easement exception that may affect the project design. We assume that Right of Way and boundary information established as part of the above scope will be sufficient to plot the easement exceptions. For budgeting purposes we are assuming that the fee for the PTR is \$4,000.

Assumptions:

- The existing Right of Way lines are consistent with the available record maps on file with the Monterey County Surveyor's Office.
- If additional Right of Way takes have taken place the City of Pacific Grove shall provide the document so that the Right of Way is established at its current location.

The horizontal and vertical datum will be the same as the other projects Wallace Group has surveyed for the City of Pacific Grove. To do so, our field crews will need access to the primary survey control point located at the City of Pacific Grove fire station located at Pine Avenue and 17th Street.

To be provided by the Client:

- City will provide the DIR Project Number for this project. To do so, the City will need to complete the PWC-100 form and submit it to the DIR prior to the commencement of the field survey. This is required to be in compliance with State of California prevailing wage laws.
- Access to the primary survey control located at the Pine Avenue and 17th Street fire station.

The estimated fees for work noted in the above task are based on prevailing wage rates. If the Client and the California Department of Labor determines that prevailing wage payments are not required, the fees for task above will be adjusted and billed according to the per hour rate of the Standard Wage column on the Standard Billing Rates provided.

Lodging and per diem fees are based on the allowable amounts as set forth by the federal General Services Administration (GSA) for the Monterey, CA area. These rates can be found at the GSA website, <http://www.gsa.gov/portal/category/100120>.

Task 2.4 Geotechnical Investigation

To evaluate subsurface conditions, Earth Systems Pacific (ESP) plans to drill two boring at the Sea Palm lift station site and two borings at the Pacific Grove Golf Course site. Prior to initiating the subsurface investigation, Underground Service Alert (USA) will be contacted to locate utilities that fall within their scope of services. As the borings at the Sea Palm site will be within existing parking lots, we request that the City of Pacific Grove provide traffic barricades to allow us to restrict access to the proposed boring locations. We will pick up and set the barricades two days prior to the drilling, and will return them to the City upon completion of the work. At the Pacific Grove Golf Course, we will request the City restrict access to the 6th hole during drilling.

The borings will be drilled using a conventional truck-mounted rig equipped with a hollow-stem auger. The borings will be advanced to maximum depths of 30 feet below the existing ground surface at Pacific Grove Golf Course and 20 feet at all other locations, or to drilling refusal. Soils encountered in the borings will be classified in general accordance with the Unified Soil Classification System, and the bedrock will be categorized with regard to type, hardness, degree of weathering, and amount of fracturing. The borings will be backfilled with on-site material and will be capped with cement grout and cold-mix asphalt concrete.

Please note that we propose to conduct the subsurface investigation using a heavy truck-mounted drill rig equipped with conventional hollow stem augers and rock bits, as opposed to specialized hard-rock coring equipment. In the event that very hard bedrock that cannot be penetrated using the proposed equipment is encountered in the borings, the borings will be terminated upon drilling refusal, and the client will be notified of the subsurface conditions. If additional depth of exploration is deemed necessary, additional work using the specialized equipment will be necessary. Such additional work is not included in the scope of services or fees presented in this proposal, and if requested, will be subject to an expanded work scope and fees.

Soil samples will be obtained using an internally-lined barrel sampler, standard penetration tests will be performed at selected intervals, and bulk samples will be obtained from the auger cuttings. Soil samples will be tested in the laboratory to identify properties such as moisture and density and grain size distribution. The actual types and numbers of tests performed will depend on the subsurface conditions encountered.

Following completion of the field and laboratory work, a written report will be provided. The report will include a description of the exploratory procedures, copies of the boring logs, a map showing the approximate boring locations, and copies of the laboratory test results. The geotechnical investigation report will be intended to be in accordance with common geotechnical engineering practice in this area at this time under similar conditions.

Evaluation of the site geology; analysis of the soil for corrosivity, mold or other microbial content, lead, asbestos, contaminants or other chemical properties; estimates of material shrinkage; construction issues within the domain of contractors; plan reviews; meeting attendance; consultation subsequent to the investigation; construction observation and testing, and any other services not specifically noted in the preceding paragraphs are beyond the scope of the proposed work.

Task 2.5 Draft Preliminary Design Report

Wallace Group will prepare a Preliminary Design Report (PDR). The PDR will be structured to meet the requirements of the Prop 1 Grant Funding Application. The PDR will include discussion, analysis, and/or preliminary plan set for the following items:

- Summary of Watershed Hydrological Analysis
- Design Assumptions Including Design Flows and Operations
- Survey
- Geotechnical Investigation
- Coastal Development Permit Requirements
- Other Permit Requirements
- Operations and Maintenance Constraints
- Constructability Review
- Analysis for Underground Storage and Recommendations
- Preliminary Layout of Storm Drain System with Invert Elevations
- Hydraulic Analysis for Lift Stations and gravity sewer diversions
- Access
- Screening and/or Landscaping Recommendations
- Engineer’s Opinion of Probable Costs
- Schedule

Task 2.6 Final Preliminary Design Report

Following receipt of written comments from the City and MRWPCA, Wallace Group will finalize the Preliminary Design Report.

Deliverables:

The following deliverables will be provided to the City as part of Task 2:

- Draft Preliminary Design Report and 11"x17" Plan Set (5 hard copies, 1 PDF)
- Final Preliminary Design Report and 11"x17" Plan Set (5 hard copies, 1 PDF)

Task 2.7 Prop 1 Grant Application Assistance

Wallace Group will assist the City in the preparation of the Prop 1 Grant Application. The following is a breakdown of the tasks (based on Appendix C-1 in the Prop 1 Grant Funding Application) anticipated to be completed by the City and/or Wallace Group. For those tasks completed by Wallace Group, we anticipate the City reviewing the sections, providing comment and ultimately incorporating it into the final submittal. We also assume that the City will be putting the entire submittal package together and Wallace Group will provide input on various sections as delineated in the table below.

Task # and Title	City	Wallace Group
Section A	Program Selection & General FFAST Information	
1	Project Selection	X
2	General Information	X
3	Legislative Information	X
4	Cooperating Entities	X
5	Agency Contacts	X
6	Application Questionnaire	X
7	Project Classification	X
Section B	Background Information	
1	Eligibility Requirements	X
2	Work Plan	--
3	Budget	Assistance with Matching Funds and O&M Sections
4	Schedule	--

5	Monitoring, Assessment, and Performance Measures	X	X
6	Multiple Benefits	--	X
Attachment 1	ASBS Compliance Plan	X	--
Attachment 2	Work Plan	--	X
Attachment 3	Resumes	X	Assist if necessary
Attachment 4	Budget	--	X
Attachment 5	Schedule	--	X
Attachment 6	CEQA	X	--
Attachment 7	Performance Measures	X	X
Attachment 8	Benefit Quantities/Cost Benefit Analysis	X	X
Attachment 9	Technical Report Summary	--	X
Attachment 10	N/A - Request for Reduced Matching Funds	--	--
Attachment 11	N/A - DAC/EDA Benefits	--	--
Attachment 12	Letters of Support	X	--

Note: the Grant Application is due July 8, 2016.

The following Tasks were included in the proposal dated December 18, 2015. This Scope of Work will be refined once the PDR has been approved by the City and funding has been provided for the additional services.

TASK 3 FINAL ENGINEERING DESIGN

The Final Engineering Design Task assumes specific design components listed below. Following the completion of the PDR, the scope, fee, survey, geotechnical investigation, and schedule may need to be re-evaluated if the PDR modifies the recommended improvements. We will work with the City during the PDR phase if this condition arises. In addition, the City may need to reevaluate the need to prepare an amendment to the EIR based on the findings of the PDR. Full geotechnical and electrical scopes are provided in the additional information section of this proposal and are a supplement support document to this scope of work.

- Concrete underground storage tank at Caledonia Park under the turf field (125'x135'x16')
- Storm Drain Facilities from Caledonia Park to Lover's Point Parking Lot
- Lift Station at Lover's Point Parking Lot and Sea Palm Parking Lot
- Slip Lining of existing force main in Ocean View Boulevard from Lover's Point to LS #15
- Minor storm drain/manhole upgrades at Sea Palm Avenue
- Controls to be tied to MRWPCA

Task 3.1 Phase II Survey

Once the design components are finalized, Wallace Group will identify additional areas that are to be surveyed. For budgeting purposes, the following areas are anticipated; however, this should be re-evaluated during the PDR Phase:

- Lover's Point Lift Station
- Sea Palm Lift Station
- 16 50' X 100' locations along the proposal storm drain force main alignment. The proposed alignment is approximately 6,300 long. The 16 survey locations allows for one survey location every approximate 400 feet. The 100-foot dimension will be along the route alignment and the 50-foot dimension will be perpendicular
- Coral Lift Station if record drawings are not available

The topographic survey at each location we will be mapped at a one-foot contour interval and will include major features such as pavement markings, sidewalk, curb, flow line, and lip of gutter, concrete flatwork, grade breaks; visible survey monuments based on a search of County Surveyor index; power poles, fire hydrants, water valves, public utility boxes and vaults, manholes, rim elevation and inverts, drop inlets, catch basins, approximate pipe sizes and direction of pipe, paint markings which indicate the presence of underground utilities, and other utilities; parking meters, driveways, walls, railings; trees 4-inch in diameter and greater and other items according to standard practice.

Assumptions:

- The existing Right of Way lines are consistent with the available record maps on file with the Monterey County Surveyor's Office.
- If additional Right of Way takes have taken place the City of Pacific Grove shall provide the document so that the Right of Way is established at its current location.
- With the exception of title research at Caledonia Park, procurement and reviewing of Preliminary Title Reports will not be necessary for this project and is not included herein.
- Right of Way and boundary establishment will not be needed with the exception of the Caledonia Park site.

The horizontal and vertical datum will be the same as the other projects Wallace Group has surveyed for the City of Pacific Grove. To do so, our field crews will need access to the primary survey control point located at the City of Pacific Grove fire station located at Pine Avenue and 17th Street.

To be provided by the Client:

- City will provide the DIR Project Number for this project. To do so, the City will need to complete the PWC-100 form and submit it to the DIR prior to the commencement of the field survey. This is required to be in compliance with State of California prevailing wage laws.
- Access to the primary survey control located at the Pine Avenue and 17th Street fire station.

The estimated fees for work noted in the above task are based on prevailing wage rates. If the Client and the California Department of Labor determines that prevailing wage payments are not required, the fees for task above will be adjusted and billed according to the per hour rate of the Standard Wage column on the Standard Billing Rates provided.

Lodging and per diem fees are based on the allowable amounts as set forth by the federal General Services Administration (GSA) for the Monterey, CA area. These rates can be found at the GSA website, <http://www.gsa.gov/portal/category/100120>.

Task 3.2 60% Plans, Specifications, and Estimate (PS&E)

Wallace Group will prepare plan and profile drawings for the Project on 24"x36" sheets. The expected scale for the drawings will be 1"=20' or smaller for grading and details. Wallace Group will include applicable City, County, and/or MRWPCA standards, standard details, and Wallace Group developed details on the plan set. Our plans will include a construction staging plan and demolition plan. We will prepare technical specifications in CSI 2014 format. We will use the City reviewed and approved "Front End Documents". Wallace Group will prepare the measurement and payment section and the bid schedule. The plan set will also address applicable Coastal Development Permit and/or other permit requirements. Wallace Group will update the Engineer's Opinion of Probable Cost and Schedule. Wallace Group will prepare the application to MRWPCA as part of this Task.

The plan set is anticipated to include the following sheets:

- Title Sheet
- General Notes, Abbreviation, Legend
- Basis of Survey
- Underground Storage Design and Details (3 Sheets)
- Storm Drain from Underground Storage to Lover's Point (1,200 feet - 2 Sheets)

- Lover's Point Lift Station (2 Sheets)
- Sea Palm Lift Station and Adjacent Storm Drain Details (3 Sheets)
- Force Main Details (6,300 feet - 4 Sheets)
- Electrical Plan (5 Sheets)
- Erosion Control Plan (2 Sheets)
- Landscaping Planting and Irrigation Plans (4 Sheets)

Task 3.3 Coastal Development Permit Support

Wallace Group will prepare the coastal permit application to the Coastal Commission. The application package will include a project description and application documentation. Wallace Group will prepare the application for the City's review and signature. The City will post the "Notice of Pending Permit" at multiple sites within 3 days of submitting the application to the Commission's office.

Items to be provided by Client

- List of property owners and occupants within 100 feet and their addresses
- Stamped envelopes addressed to neighboring property owners and occupants
- Filing Fee
- Copy of legal interest to property (Basin site and Caledonia site)

Task 3.3.1 Response to Comments and Public Hearing

Understanding that the permitting process is difficult to anticipate, we propose that Task 3.3.1 be completed on a Time and Materials basis. We anticipate that the package submitted in Task 3.3 will be deemed complete. However, if necessary, Wallace Group will respond to questions from Coastal Staff regarding the submittal. Upon receiving a determination that the application is deemed complete for processing, Wallace Group will review and respond to the staff report that will be prepared for the public hearing. We anticipate attending one public hearing for this project.

At this time, we do not anticipate any additional permits for this project, except an application to be submitted to MRWPCA (Included in Task 3.2). This includes land use or construction permits.

Task 3.4 100% Plans, Specifications, and Estimate (PS&E)

Wallace Group will review comments on the 60% PS&E with the City (See Task 1.3), make corrections as necessary and provide the City with a 100%, ready to Bid PS&E package.

Deliverables:

The following deliverables will be provided to the City as part of Task 3:

- 60% PS&E Package (5 hard copies, 1 PDF)
- 100% PS&E Package (5 hard copies, 1 PDF)

ITEMS NOT INCLUDED IN SCOPE OF SERVICES

The following services may also benefit your project. Wallace Group can provide these; however, they are not included in the current Scope of Services or estimate of fees.

- Right of Way research, Title Reports, easement services
- Preparation of front-end bid documents
- Setting/replacing survey markers at centerline, right-of-way, or property corners
- Boundary Survey, supplemental field surveys
- Potholing, Potholing Coordination
- Record of Survey map
- Corner Record preparation
- Pre- and post-construction surveys
- Bid Phase Services
- Cost of bid advertisement in local newspaper(s)
- Production of bid sets during bid period

- City or County Permit Fees
- CEQA/NEPA Environmental Work
- Construction management and inspection services
- Visual analysis and photo simulations
- Any and all scope items not explicitly discussed in this proposal