

DUPLICATE

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Office of the City Clerk
San Diego, California

**COST-SHARE AGREEMENT
FOR
DEVELOPMENT OF A WATER QUALITY IMPROVEMENT PLAN
FOR TIJUANA RIVER WATERSHED MANAGEMENT AREA**

DECEMBER 20, 2013

This Cost Share Agreement (AGREEMENT), entered into by and among the City of Imperial Beach, City of San Diego, and the County of San Diego (hereinafter collectively called PARTIES and individually called PARTY) establishes the responsibilities of each PARTY with respect to carrying out collaborative activities in the Tijuana River Watershed Management Area (WATERSHED) to support compliance with San Diego Regional Water Quality Control Board (SDRWQCB) Order No. R9-2013-0001, National Pollutant Discharge Elimination System (NPDES) Permit and Waste Discharge Requirements for Discharges from the Municipal Separate Storm Sewer Systems (MS4s) Draining the Watersheds Within the San Diego Region (hereinafter called the MS4 PERMIT).

WHEREAS, the SDRWQCB adopted Order No. R9-2013-0001 issuing the MS4 PERMIT to the Phase I MS4s in the San Diego Region on May 8, 2013; and

WHEREAS, the SDRWQCB has determined that the PARTIES are responsible for developing a Water Quality Improvement Plan (WQIP) for the WATERSHED under the MS4 PERMIT; and,

WHEREAS, the MS4 PERMIT requires the WQIP to, among other things, assess priority receiving water quality conditions associated with MS4 discharges, develop strategies to improve receiving water quality conditions associated with MS4 discharges, develop a monitoring and assessment program, and implement adaptive management; and

WHEREAS, the PARTIES have agreed to work together to develop the WQIP for the WATERSHED to meet the requirements of the MS4 PERMIT; and

WHEREAS, the PARTIES recognize that expenditures will be needed to develop the WQIP for the WATERSHED over the term of the AGREEMENT. The cost will be shared equitably among the PARTIES as indicated in Section 4; and,

WHEREAS, the PARTIES have agreed upon the cost estimates and scope of work as described in EXHIBITS 1 and 2; and

WHEREAS, each PARTY shall comply with the City of San Diego's Americans With Disabilities Act/City Contracts requirements set forth in Council Policy 100-04, adopted

by San Diego Resolution R-282153 and incorporated into this AGREEMENT by reference; and

WHEREAS, the PARTIES have agreed to recognize the City of Imperial Beach as the PARTY LEAD under this AGREEMENT, and the City of Imperial Beach agrees to provide project management and contract administration services for the PARTIES, including hiring a mutually agreed upon consultant to perform the identified scope of work in EXHIBIT 2 per the cost share formula described in EXHIBIT 1.

NOW, THEREFORE, in consideration of the foregoing, the PARTIES hereto mutually agree as follows:

(1) PURPOSE: This AGREEMENT is entered into for the purpose of outlining the responsibilities of the PARTIES including funding for collaborative activities associated with the development of a WQIP that complies with the MS4 PERMIT in the WATERSHED. Activities associated with development of the WQIP are described in detail in EXHIBIT 2.

(2) TERM: The term of this AGREEMENT shall commence upon its approval and execution by each and all of the duly authorized representatives of the PARTIES, and shall continue until June 30, 2016, or until the scope of services is completed, whichever is earlier. If a PARTY terminates its participation in this AGREEMENT, the AGREEMENT remains in effect for all other PARTIES until such remaining PARTIES give notice of termination.

(3) PARTY RESPONSIBILITIES AND PARTICIPATION:

A. RESPONSIBILITIES OF PARTY LEAD: The City of Imperial Beach incurs the responsibility of overall project management, solicitation and administration of consultant contracts, submittal of required work products to the SDRWQCB, and acting as a liaison to the SDRWQCB on behalf of the PARTIES. Notwithstanding the foregoing, the PARTIES understand and agree that the SDRWQCB solely possesses the authority to approve the WQIP, and that the City of Imperial Beach shall not be responsible for SDRWQCB approval of the WQIP.

B. RESPONSIBILITIES OF ALL PARTIES: Each PARTY agrees to participate in collaborative efforts by assigning one (1) person to serve as the PARTY's representative to participate in meetings (at least 80% of all meetings), collaborate on developing strategies, participate in developing work products, participate in decision making, and review work products and submittals pursuant to the schedules in EXHIBIT 2. Further, analyses performed as part of this AGREEMENT, and subsequent conclusions, findings, and recommendations developed as a result of the analyses, will be completed using known relevant

and acceptable water quality data. Each PARTY agrees to supply the PARTY LEAD with data associated with its jurisdiction (e.g., water quality data, rainfall data, land use data, etc.) within the deadlines indicated in EXHIBIT 2.

(4) PROGRAM BUDGET AND COSTS: The cost of developing the WQIP will not exceed TWO HUNDRED SEVENTY FIVE THOUSAND AND ELEVEN DOLLARS (\$275,011) over three fiscal years with EIGHTY THREE THOUSAND ONE HUNDRED SEVENTY THREE DOLLARS (\$83,173) for Fiscal Year 2014, ONE HUNDRED EIGHTY THOUSAND ONE HUNDRED AND FIFTY FOUR DOLLARS (\$180,154) for Fiscal Year 2015, and ELEVEN THOUSAND SIX HUNDRED AND EIGHTY FOUR DOLLARS (\$11,684) for Fiscal Year 2016 unless otherwise agreed in writing by the PARTIES as described in Section 7. The costs will be shared as shown in EXHIBIT 1 and are based on a formula of 45% land area, 45% population (2010 Census data), and 10% equal division fee for each PARTY contributing storm water discharges in the WATERSHED.

5) PAYMENTS: Within 30 calendar days of the effective date of this AGREEMENT, the PARTY LEAD shall send the PARTIES an invoice for a deposit which constitutes their share of the budgeted costs for Fiscal Year 13-14 and will send subsequent invoices following the beginning of each new Fiscal Year. Each PARTY shall pay its share of expenses within 90 days of receipt of an invoice from the PARTY LEAD. Funds collected and not expended at the end of the project shall be refunded in full to each PARTY, in proportions that are consistent with the allocations identified in this agreement.

(6) NON-COMPLIANCE WITH AGREEMENT REQUIREMENTS: Any PARTY that fails to comply with the conditions of this AGREEMENT shall be solely liable for any penalties lawfully assessed on that PARTY resulting from such non-compliance. Failure to comply with AGREEMENT conditions within specified timelines shall constitute non-compliance with the AGREEMENT.

(7) AMENDMENTS TO THE AGREEMENT: This AGREEMENT may be amended only by consent of all the PARTIES. Any amendment shall be effective when authorized in writing and signed by the duly authorized representatives of the PARTIES.

(8) GOVERNING LAW: This AGREEMENT shall be governed and construed in accordance with the laws of the State of California. If any provision or provisions shall be held to be invalid, illegal, or unenforceable, the validity, legality, and enforceability of the remaining provisions shall not in any way be affected or impaired thereby. In addition, each PARTY agrees to comply with all federal, state and local laws and ordinances applicable to the work to be performed under the terms of this AGREEMENT.

(9) CONSENT AND BREACH NOT WAIVER: No term or provision hereof shall be deemed waived and no breach excused, unless such waiver or consent shall be in writing and signed by the PARTIES to have waived or consented. Any consent by any PARTY to, or waiver of, a breach by the other, whether expressed or implied, shall not constitute consent to, waiver of, or excuse for any other different or subsequent breach.

(10) DISPUTES: The PARTIES agree to mediate any dispute prior to filing suit or prosecuting suit against the other PARTIES. At least one mediation session of one day's duration with an agreed-upon mediator shall be held prior to any PARTY filing any suit or action with regard to this AGREEMENT; the mediation costs shall be shared equally by the PARTIES participating in the mediation. In the event suit is brought upon this AGREEMENT to enforce its terms, each PARTY shall be responsible for their own attorneys' fees and costs.

(11) INDEMNIFICATION: Each PARTY to this AGREEMENT (1) acknowledges its responsibility to comply with the development of the WQIP, as outlined in EXHIBIT 1 and EXHIBIT 2, and (2) shall pay all fines, penalties, and costs which may arise out of such PARTY's non-compliance with the MS4 Permit.

(12) APPLICATION OF PRIOR AGREEMENTS: This AGREEMENT constitutes the entire Agreement between the parties with respect to the subject matter; all prior agreements, representations, statements, negotiations, and undertakings are superseded hereby.

(13) TERMINATION: Any PARTY may terminate this AGREEMENT by giving written notice to the other parties no less than 30 days prior to the effective date of termination. Termination of this AGREEMENT does not release any PARTY for obligations of the MS4 PERMIT, nor does it release the PARTY from its financial responsibilities as outlined in Section 4 of this AGREEMENT. Upon termination, the terminating PARTY shall pay its cost share in full.

(14) AVAILABILITY OF FUNDS: The obligation of each PARTY is limited to the funds appropriated for this AGREEMENT as set forth in Section 4 above. Entering into this AGREEMENT shall not be construed as obligating the PARTIES to future payment of money in excess of appropriations authorized by law.

(15) EXECUTION OF AGREEMENT: This AGREEMENT may be executed in counterpart and the signed counterparts shall constitute a single instrument.

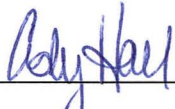
(16) RIGHT TO AUDIT: Each PARTY retains the right to review and audit, and the reasonable right of access to other PARTIES' respective premises to review and audit the PARTIES' compliance with the provisions of this AGREEMENT [PARTY's Right]. PARTY's Right includes the right to inspect and photocopy same, and to retain copies,

outside of the PARTIES' premises, of any and all records, including any and all books, records, and documents, related to this AGREEMENT with appropriate safeguards, if such retention is deemed necessary by the auditing PARTY in its sole discretion. This information shall be kept by the auditing PARTY in the strictest confidence allowed by law.

IN WITNESS WHEREOF, the PARTIES have caused this AGREEMENT to be signed and executed the day and year first above written. This AGREEMENT may be signed in counterparts, each of which shall be an original, with the same effect as if the signatures thereto and hereto were upon the same instrument. This AGREEMENT shall become effective on the date of the last signature of the duly authorized representatives of the PARTIES.

IN WITNESS THEREOF, this AGREEMENT is executed as follows:

For the City of Imperial Beach a municipal corporation

Date: 5-13-14 Signature 
Printed Name: Andy Hall
Title: City Manager

IN WITNESS WHEREOF, the PARTIES have caused this AGREEMENT to be signed and executed the day and year first above written. This AGREEMENT may be signed in counterparts, each of which shall be an original, with the same effect as if the signatures thereto and hereto were upon the same instrument. This AGREEMENT shall become effective on the date of the last signature of the duly authorized representatives of the PARTIES.

IN WITNESS THEREOF, this AGREEMENT is executed as follows:

Date: 3/18/14

Tony Secorich

City of San Diego

I HEREBY APPROVE the form and legality of the foregoing Agreement this 21st day of March, 2014.

Jan I. Goldsmith, City Attorney

By: [Signature]

Deputy City Attorney

DATE March 21, 2014

IN WITNESS WHEREOF, the PARTIES have caused this AGREEMENT to be signed and executed the day and year first above written. This AGREEMENT may be signed in counterparts, each of which shall be an original, with the same effect as if the signatures thereto and hereto were upon the same instrument. This AGREEMENT shall become effective on the date of the last signature of the duly authorized representatives of the PARTIES.

IN WITNESS THEREOF, this AGREEMENT is executed as follows:

For the County of San Diego

Date: 4-25-14 Signature 
Printed Name: John M. Pellegrino
Title: Director of Purchasing and Contracting

Approved as to Form
County Counsel

Date 4/2/2014 Signature 
Printed Name: James O'Day
Title: Senior Deputy County Counsel

Exhibit 1

**Proposed Copermittee Shared Costs Budget
Tijuana River Watershed (911)**

Copermittee	Population* 45%	Land Area** 45%	Equal Division 10%	Total Invoiced \$275,011
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	2010 Population	% of Total	Population Fee	Land Area (Acres)	% of Total	Land Area Fee	Equal Division Fee	Share of Total	% of Total
IMPERIAL BEACH	14,855	17.85%	\$22,086	663	5.22%	\$6,459	\$9,167	\$37,712	13.71%
S.D. COUNTY	11,643	13.99%	\$17,311	2,949	23.21%	\$28,730	\$9,167	\$55,208	20.07%
SAN DIEGO	56,738	68.17%	\$84,358	9,091	71.57%	\$88,566	\$9,167	\$182,091	66.21%
TOTALS	83,235	100.00%	\$123,755	12,703	100.00%	\$123,755	\$27,501	\$275,011	100.0%

*2010 US Census data, population was considered homogeneous over an entire Census Tract.

**2006 SANDAG Land Use codes: 1000, 1100, 1200, 1300, 1401, 1402, 1404, 1409, 1501, 1502, 1503, 2001, 2101, 2103, 2104, 2201, 2301, 4101, 4103, 4104, 4111, 4112, 4113, 4114, 4115, 4116, 4117, 4118, 4119, 4120, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5009, 6001, 6002, 6003, 6101, 6102, 6103, 6104, 6105, 6108, 6109, 6501, 6502, 6509, 6801, 6802, 6803, 6804, 6805, 6806, 6807, 6809, 7201, 7202, 7203, 7204, 7205, 7206, 7207, 7208, 7210, 7601, 7604, 7605, 7606, 7607, 8000, 8001, 8002, 8003, 9100, 9101, 9500, 9501, 9502, 9503, 9504, 9505, 9506, 9507, (Clipped to the County Water Authority Line).

Excluded SANDAG Land Use codes: 1403, 4102, 6700, 6701, 6702, 6703, 7209, 7603, 7609, 9200, 9201, 9202, 9300.

December 20, 2013

Mr. Chris Helmer, Environmental Programs Manager
City of Imperial Beach
Public Works Department
825 Imperial Beach Boulevard
Imperial Beach, California 91932

Subject: Revised Scope of Work and Cost Estimate
Tijuana River WMA WQIP
URS Project No. 27671359.01000

Dear Mr. Helmer:

URS Corporation Americas (URS) is pleased to provide the City of Imperial Beach (City) this revised scope of work and cost estimate to prepare and implement the Water Quality Improvement Plan (WQIP) for the Tijuana River Watershed Management Area (WMA). Our initial cost estimate was provided with our proposal to the City dated October 31, 2013. URS was notified by you on November 18, 2013 that URS was selected to conduct this work. On November 21, 2013, URS met with the City and the Copermittees (City and County of San Diego) to further discuss the scope of work and schedule and provided drafts of these after the meeting. On December 6 and December 17, 2013, URS met with the Copermittees to discuss edits to the draft scope of work and schedule. This letter provides a revised scope of work, schedule and cost based on these discussions. As requested, the tasks and subtasks, schedule and costs associated with the URS Team's services are provided with greater detail.

BACKGROUND

The San Diego Regional Water Quality Control Board (RWQCB) adopted Order Number R9-2013-0001, NPDES No. CAS0109266 on May 8, 2013, specifying new requirements for discharges from municipal separate storm sewer systems (MS4s) draining to the watershed within the San Diego Region. This includes the requirement to develop a WQIP. As you explained in the request for proposals, the purpose of the WQIP is to guide jurisdictional runoff management programs towards achieving the outcome of improved water quality in receiving waters. According to the Permit, "the goal of the WQIP is to protect, preserve, and enhance the water quality and designated beneficial uses of waters of the state. This goal will be accomplished through an adaptive planning and management process that identifies the highest priority water quality conditions within a watershed and implements strategies on a jurisdictional basis to achieve improvements in the quality of discharges from the MS4s and receiving waters."

SCOPE OF WORK

The URS Team will accomplish the scope of services by completing the following tasks in close collaboration with the City and the Copermittees (City of San Diego and County of San Diego), collectively referred to as Responsible agencies (RAs):

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1. Project Management
2. Responsible agency (Copermittee), Public Workshops and Consultation Panel Meetings
3. Identification of Priority Water Quality Conditions (Provision B.2.a-e, Provision F.1.a(2)(e))
4. Identification of Water Quality Improvement Goals, Strategies and Schedules (Provision B.3.a-b, Provision F.1.a(3)(c))
5. Development of a Water Quality Improvement Monitoring and Assessment Program (Provision B.4.a-d)
6. Development and Description of the Iterative Approach and Adaptive Management Approach to be utilized in the WMA (Provision B.5.a-c)
7. Preparation of Draft/Final WQIP (Provision B.6, Provision F.1.b)

Our scope of work provides detailed descriptions of these tasks and subtasks below, based on discussions during our meetings on November 21, 2013, December 6, 2013 and December 17, 2013. Each section includes a brief description of the task or subtask, a description of the approach URS will employ to complete it, and a summary of deliverables associated with the task or subtask. Following the description of tasks, a series of tables are provided that detail the schedule of meetings and deliverables as well as estimates of costs presented by fiscal year and by task/subtask.

TASK 1. PROJECT MANAGEMENT

URS will present the overall approach for managing this project at a kick-off meeting with the City and Copermittees in early January. URS will provide project management for each task under the contract including project planning, schedule and budget control, quality assurance and quality control, and project administration. URS will communicate regularly with the City during regularly scheduled meetings and phone calls, as needed, and will provide written updates on project completion and financial status through monthly progress reports.

Per discussion between the URS Team and the RAs, prior to submittal of first drafts of each deliverable (Task 3 through 6), the URS Team will provide a presentation to the RAs that highlights each Section deliverable. The overall purpose of this is to provide a basis for which the RA's will review each Section. The expectation is that this will reduce the number of internal edits and drafts of each section.

Deliverables:

- Monthly progress reports

TASK 2. RESPONSIBLE AGENCY, PUBLIC WORKSHOPS AND CONSULTATION PANEL MEETINGS

The Permit requires a robust public participation process for the development of the Tijuana River WMA WQIP (provision F.1.a). The project will include multiple types of meetings both to engage the public and to coordinate with RAs. The purpose of these meetings is to provide the opportunity for public participation, to acquire appropriate information to inform the planning process and to facilitate coordination among RAs. The anticipated types of meetings are first listed and then described below. Deliverables for Subtasks 2.1 through 2.5 are provided at the end of this section.

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- 2 Public Workshops (2 hours each),
- 5 Consultation Panel meetings (up to 4 hours each),
- Up to 24 Group Copermittee/Responsible Agency Meetings (approximately 1 hour each) assuming bimonthly meetings during FY 2014 and monthly meetings during FY 2015 (assume up to 3 additional meetings),
- 6 Additional Copermittee/Responsible Agency meetings (approximately 1 hour each) (assumes 2 meetings between the URS Team and each jurisdiction) ,
- Up to 3 Recovery Team coordination meetings to be attended by Bryn Evans (Approximately 2 hours each).

Subtask 2.1 Public Workshop Meetings

Two public workshops are proposed that will be used to solicit information, data and recommendations related to the development of the WQIP and its components. The first workshop will be conducted in late January 2014 and will focus on the Identification of the Priority Water Quality Conditions, Sources and Potential Strategies that should be considered in the WQIP. The first workshop will also include a call for data and solicitation for membership in the consultation panel. The second workshop is anticipated to occur in late summer 2014 and will focus on the Water Quality Improvement Goals, Strategies and Schedules. Focused meetings, public meetings, and targeted individual contacts provide avenues for presenting alternatives, obtaining stakeholder input, incorporating that input into decision making and deliverables, and developing strategic direction. Katz & Associates will lead all public outreach efforts.

As detailed in the schedule, the URS Team will provide draft presentations for the public workshop meetings the week before the meetings for RA review, and will develop final presentations for RA review prior to the meetings themselves. Additionally, meeting summaries will be provided by the URS team.

Subtask 2.2 Consultation Panel Meetings

Provision F.1.a of the permit requires Copermittees to form a WQIP Consultation Panel to provide recommendations during the development of the Water Quality Improvement Plan. Five Consultation Panel Meetings will be convened where the Responsible Agency/URS Team will provide an overview of the WQIP process at 3 key points in the development of the plan. Katz & Associates will lead the consultation panel meetings.

The purpose of the first meeting will be to present the methodology, data and other considerations that were used to identify the Priority Water Quality Conditions, Sources and Potential Strategies developed under Task 3 and to allow the Panel to discuss and provide feedback (recommendations and comments) on the first required public review document. A second follow-up meeting is expected after the initial public review period to provide information to the Consultation Panel on how comments or other information received are to be addressed in the revised version of the document.

A second set of meetings (3 and 4) are anticipated to occur before and after submittal of the second document is released for public review. At Meeting 3, the Responsible Agency/URS Team will present draft results of Water Quality Improvement Goals, Strategies and Schedules document developed under Task 4. The Panel will discuss and provide feedback (recommendations and comments) on: a) the

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numeric goals and schedules proposed; b) the Water Quality improvement strategies and schedule; and c) the Watershed Management Area Analysis (WMAA) options to be included in the WQIP, if included. It is anticipated that the fourth meeting will include providing feedback to the Consultation Panel on how all comments will be addressed in this revised section of the WQIP.

A final Consultation Panel meeting (5) will occur prior to submittal of the draft WQIP to the San Diego Regional Board for Public Review. The focus of this meeting will be on the remaining sections of the WQIP including the Water Quality Monitoring and Assessment Program as well as the how the Iterative Approach and Adaptive Management Process will be incorporated into future plan revisions.

A preliminary schedule of the Consultation Panel meetings is provided in Table 1 at the end of this document. The URS Team will be responsible for preparing meeting material, meeting presentations and providing meeting summaries for each Consultation Panel meeting.

Subtask 2.3 Responsible Agency

URS will meet regularly with the Responsible Agencies (RAs) in the Tijuana WMA including the City of Imperial Beach, the City of San Diego, and the County of San Diego. Initially, it is expected that bimonthly meetings will be necessary through FY14 (January – June) while monthly meetings are expected through FY15 and FY16. Meeting topics will include such themes as debriefing public meetings, debriefing Consultation Panel meetings, strategizing, prioritizing, discussing drafts and comments on drafts, discussing proposed approaches for addressing comments on drafts, and finalizing drafts. As applicable, meetings will be scheduled following submission of draft deliverables to allow opportunity to discuss comments. A preliminary schedule of RA meetings is provided in Table 1 at the end of this document. It is anticipated that the URS Team will prepare agenda, meeting graphics, and provide meeting summaries of each meeting. The URS Team will consist of the minimal number of personnel as necessary for these meetings.

Subtask 2.4 Jurisdiction-Specific Responsible Agency Meetings

In addition to the regular bimonthly/monthly meetings discussed under Task 2.3, URS will meet twice with each RA to discuss jurisdictional strategies for water quality improvement. The purpose of these meetings is to evaluate and determine what responsibilities each RA may consider during the implementation of the WQIP. The first such meetings will occur prior to the submittal of the jurisdictional goals, strategies, schedules and the potential cost associated with jurisdictional strategies (Provision B.3.b) deliverable discussed in Task 4.2.1. The second set of meetings will occur following RA review of this submittal to discuss comments and approach for responding. A preliminary schedule of RA meetings is provided in Table 1 at the end of this document.

Subtask 2.5 Recovery Team/Steering Committee Meetings

Bryn Evans (Dudek) will attend up to three Recovery Team/Steering Committee meetings as needed to make presentations and lead discussions at the direction of the City of IB (assume approximately two hours per meeting). Mr. Evans will attend these meeting on behalf of this project only in the event that information is to be presented or exchanged with the Recovery Team related to the WQIP. Bob Scott

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(URS) currently also attends these meetings under a different contract mechanism. Therefore, no cost is included for his attendance at these meetings.

Deliverables under Task 2 (Subtasks 2.1 through 2.5):

- Meeting Preparation
- Final Presentation
- Presentation/Facilitation
- Meeting summaries, including identifying action items that may result from these meetings.

TASK 3. IDENTIFICATION OF PRIORITY WATER QUALITY CONDITIONS (PROVISION B.2.A-E)

With input from the public and assisted by the Copermittees, URS will identify the water quality priorities within the Tijuana WMA that will be addressed by the WQIP. A suite of information is available to use as a starting point to assess receiving water conditions and identify potential pollutant-generating activities (PGA) in the Tijuana River WMA, including but not limited to:

- The Watershed Urban Runoff Management Program (WURMP) for Tijuana River
- Individual JURMPs and Annual Reports (2011).
- 2012 Regional Monitoring Report
- Long Term Effectiveness Assessment (LTEA)
- Others (Recovery Strategy, Bacteria Source ID Study, Technical Support Document for Solids, Turbidity, and Trash TMDLs).

The URS Team will work closely with the RAs to identify the water quality priorities within the Tijuana River Watershed Management Area. Consistent with the permit, the team will identify these priorities through a multi-step process involving the following subtasks:

- 3.1 Assessment of the receiving water conditions,
- 3.2 Assessment of impacts from MS4 discharges,
- 3.3 Identification of priority water quality conditions,
- 3.4 Identification of MS4 sources of pollutants and/or stressors, and
- 3.5 Identification of Potential Water Quality Improvement Strategies

The products developed under these subtasks will be combined to form the deliverables under Task 3, which will form Section 2 of the WQIP. The completion of these subtasks will involve review and analysis of existing reports, data, and other available information as well as collaboration and coordination with Copermittees, a consultation panel, and the public, as described in greater detail below.

Subtask 3.1 Assessment of Receiving Water Conditions (Provision B.2.a)

Under this subtask, the URS Team will assist the RAs in identifying the water quality priorities within the Tijuana River Watershed Management Area. The URS team will consider the following, at minimum, to identify water quality priorities based on impacts of MS4 discharges on receiving water beneficial uses:

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- 1) Receiving waters as listed as impaired on the CWA Section 303(d) List of Water Quality Limited Segments (303(d) List)
- 2) TMDLs Adopted and under development by the San Diego Water Board
- 3) Receiving waters recognized as sensitive or highly valued by the Copermittees, including estuaries designated under the National Estuary Program under CWA Section 320, wetlands defined by the State or U.S. Fish and Wildlife Service’s National Wetlands Inventory as wetlands, waters having the Preservation of Biological Habitats of Special Significance beneficial use designation, and receiving waters identified as ASBS subject to the provisions of Attachment B to State Water Board Resolution No. 2012-0012
- 4) The receiving water limitations of Provision A.2
- 5) Known historical versus current physical, chemical, and biological water quality conditions
- 6) Available, relevant, and appropriately collected and analyzed physical, chemical, and biological receiving water monitoring data, including, but not limited to, data describing:
 - a. Chemical constituents
 - b. Water quality parameters (i.e., pH, temperature, conductivity, etc.)
 - c. Toxicity Identification Evaluations for both receiving water column and sediment
 - d. Trash impacts
 - e. Bioassessments; and,
 - f. Physical Habitat
- 7) Available evidence of erosional impacts in receiving waters due to accelerated flows (i.e., hydromodificaiton)
- 8) The potential improvements in the overall condition of the WMA that can be achieved.

The URS Team will gather information associated with these items through review of reports, studies, literature, EPA and Water Board websites, and other relevant information and data. The team’s review will include but is not limited to Copermittee regional monitoring reports, the 303(d) list, the Long-Term Effectiveness Assessment Water Quality Report (LTEA), the Watershed Urban Runoff Management Program (WURMP), the WURMP Annual Reports, the Recovery Strategy, and additional data and information received through the data call discussed above. Such additional data and information may be submitted by the public and will require evaluation. Associated staff hours to evaluate additional public data will depend on the magnitude and quality of the data submitted. The URS Team will draw from its experience and knowledge of the watershed when considering the available, relevant, and appropriately collected and analyzed physical, chemical, and biological receiving water monitoring data to help inform receiving water conditions and evidence of erosional impacts or other adverse impacts. The Team will review these items and identify the water quality conditions, their locations and magnitudes and will characterize the potential improvements in the overall condition of the Watershed Management Area that can be achieved.

Subtask 3.2 Assessment of Impacts from MS4 Discharges (Provision B.2.b)

Under Subtask 3.2, the URS Team will consider available data and information to determine the potential impacts to receiving waters that may be caused or contributed to by discharges from Copermittees MS4s. The Team will consider the following, at a minimum, to identify the potential impacts to receiving waters that may be caused or contributed to by discharges from the Copermittees’ MS4s:

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- 1) The discharge prohibitions of Provision A.1 and effluent limitations of Provision A.3; and
- 2) Available, relevant, and appropriately collected and analyzed storm water and non-storm water monitoring data from the Copermittees' MS4 outfalls
- 3) Locations of each Copermittee's MS4 outfalls that discharge to receiving waters
- 4) Locations of MS4 outfalls that are known to persistently discharge non-storm water to receiving waters likely causing or contributing to impacts on receiving water beneficial uses
- 5) Locations of MS4 outfalls that are known to discharge pollutants in storm water causing or contributing to impacts on receiving water beneficial uses; and
- 6) The potential improvements in the quality of discharges from the MS4 that can be achieved.

The URS Team will review these items to consider whether and to what extent the conditions identified under Subtask 3.1 are attributable to discharges from Copermittees MS4s. The team will analyze the geographic context of the data using GIS tools and consider the watershed hydrology/hydraulics. Spatial analysis and review of maps and GIS output will be used to inform pollutant origin, fate and transport.

Subtask 3.3 Identification of Priority Water Quality Conditions (Provision B.2.c)

The two main purposes of subtask 3.3 will be to:

- 1) Identify the list of Priority Water Conditions (B.2.c(1)(a) – (e). and
- 2) Identify the highest priority water quality condition (B.2.c(2).

Under Subtask 3.3, the URS Team will use the information gathered for Provisions B.2.a and B.2.b to develop a list of priority water quality conditions as pollutants, stressors and/or receiving water conditions that are the highest threat to receiving water quality or that most adversely affect the quality of receiving waters. The list must include the following information for each priority water quality condition:

- 1) The beneficial use(s) associated with the priority water quality condition
- 2) The geographic extent of the priority water quality condition within the Watershed Management Area, if known
- 3) The temporal extent of the priority water quality condition (e.g., dry weather and/or wet weather)
- 4) The Copermittees with MS4s discharges that may cause or contribute to the priority water quality condition; and
- 5) An assessment of the adequacy of and data gaps in the monitoring data to characterize the conditions causing or contributing to the priority water quality condition, including a consideration of spatial and temporal variation.

The URS Team will work with the RAs to identify the highest priority water quality conditions to be addressed by the Water Quality Improvement Plan, and provide a rationale for selecting a subset of the water quality conditions identified pursuant to Provision B.2.c(1) as the highest priorities. To do this, the URS Team will assess the findings under Subtasks 3.1 and 3.2 and work with RAs to develop a list of priority water quality conditions that are the highest threat to receiving water quality. The team will outline the rationale for selecting a subset of the water quality conditions identified as the highest priorities. Regulatory drivers, confidence level of the data and sustainability factors are examples of rationale that may be used to prioritize water quality conditions.

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Subtask 3.4 Identification of MS4 Sources of Pollutants and/or stressors (Provision B.2.d)

Under Subtask 3.3, the URS Team will identify and prioritize known and suspected sources of storm water and non-storm water pollutants and/or other stressors associated with MS4 discharges that cause or contribute to the highest priority water quality conditions identified under Provision B.2.c. The URS Team will consider the following in identifying known and suspected sources of pollutants and/or stressors that cause or contribute to the highest priority water quality conditions as identified for Provision B.2.c:

- 1) Pollutant generating facilities, areas, and/or activities within the Watershed Management Area, including:
 - a. Each Copermittee's inventory of construction sites, commercial facilities or areas, industrial facilities, municipal facilities, and residential areas,
 - b. Publicly owned parks and/or recreational areas,
 - c. Open space areas,
 - d. All currently operating or closed municipal landfills or other treatment, storage or disposal facilities for municipal waste, and
 - e. Areas not within the Copermittees' jurisdictions (e.g., Phase II MS4s, tribal lands, state lands, federal lands) that are known or suspected to be discharging to the Copermittees' MS4s;
- 2) Locations of the Copermittees' MS4s, including the following:
 - a. All MS4 outfalls that discharge to receiving waters, and
 - b. Locations of major structural controls for storm water and non-storm water (e.g., retention basins, detention basins, major infiltration devices, etc.);
- 3) Other known and suspected sources of non-storm water or pollutants in storm water discharges to receiving waters within the Watershed Management Area, including the following:
 - a. Other MS4 outfalls (e.g., Phase II Municipal and Caltrans),
 - b. Other NPDES permitted discharges,
 - c. Any other discharges that may be considered point sources (e.g., private outfalls), and
 - d. Any other discharges that may be considered non-point sources (e.g., agriculture, wildlife or other natural sources);
- 4) Review of available data, including but not limited to:
 - a. Findings from the Copermittees' illicit discharge detection and elimination programs,
 - b. Findings from the Copermittees' MS4 outfall discharge monitoring,
 - c. Findings from the Copermittees' receiving water monitoring,
 - d. Findings from the Copermittees' MS4 outfall discharge and receiving water assessments, and

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- e. Other available, relevant, and appropriately collected data, information, or studies related to pollutant sources and/or stressors that contribute to the highest priority water quality conditions as identified for Provision B.2.c.
- 5) The adequacy of the available data to identify and prioritize sources and/or stressors associated with MS4 discharges that cause or contribute to the highest priority water quality conditions identified under Provision B.2.c.

The URS team will work through the items specified above to identify and prioritize, in collaboration with RAs, known and suspected sources of storm water and non-stormwater pollutants and/or other stressors associated with MS4 discharges that cause or contribute to the highest priority water quality conditions identified under Subtask 3.3. Similar to the approach described under Subtask 3.2, the URS Team will consider the geographic context of the data as well as the watershed hydrology/hydraulics to allow the team to identify sources of pollutants and/or stressors attributable to MS4 sources.

Subtask 3.5 Identification of Potential Water Quality Improvement Strategies (Provision B.2.e)

Under Subtask 3.3, the URS Team will evaluate the findings identified under Provisions B.2.a-d, and identify potential strategies that can result in improvements to water quality in MS4 discharges and/or receiving waters within the Watershed Management Area. Potential water quality improvement strategies that may be implemented within the Watershed Management Area must include the following:

- 1) Structural BMPs, non-structural BMPs, incentives, or programs that can potentially be implemented to address the highest priority water quality conditions identified under Provision B.2.c, or MS4 sources of pollutants or stressors identified under Provision B.2.d,
- 2) Retrofitting projects in areas of existing development within the Watershed Management Area that can potentially be implemented to reduce MS4 sources of pollutants or stressors identified under Provision B.2.d causing or contributing to the highest priority water quality conditions identified under Provision B.2.c, and
- 3) Stream, channel, and/or habitat rehabilitation projects within the Watershed Management Area that can potentially be implemented to protect and/or improve conditions in receiving waters from MS4 pollutants and/or stressors identified under Provision B.2.d causing or contributing to the highest priority water quality conditions identified under Provision B.2.c.

The URS Team follow the items identified above, leveraging its experience in the Tijuana River watershed, on both sides of the border, and its understanding of the suite of pollutants (bacteria, sediment, and trash) that have significant water quality impacts on habitat and other resources in the Valley. Drawing from the team's understanding of the nature of the source(s) of these pollutants and recognizing that they are often outside the jurisdictional responsibility of Copermittees will allow the development of specific water quality improvement strategies that prioritize sources in the United States (U.S.) and address MS4 discharges. This will support the development of a targeted and achievable WQIP for the bi-national Tijuana River watershed.

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As a starting point, the URS Team will use the CLRPs Phase II from other watersheds. These CLRPs include comprehensive lists of strategies that may be able to be used in the Tijuana River WMA. The Team will also consider strategies provided by the public (including the Consultation Panel).

The list of potential strategies will include:

- 1) Structural/Non Structural BMPS
- 2) Retrofit Projects and
- 3) Stream, channel and/or habitat restoration.

The URS Team will also identify JRMP activities. It should be noted that when the URS Team develops the jurisdictional level of these strategies in Provision B.3.b.(1), the Team will provide jurisdictional cost for specific strategies. See Task 4.2.1 below.

Deliverables under Task 3:

- Presentation of task to RAs
- Draft Section 2 Priority Water Quality Conditions for RA's review and comment
- Revised draft with documentation of how comments have been addressed
- Draft for Consultation Panel
- Revised draft with documentation of how comments have been addressed
- Draft for Water Board for public review
- Revised draft with documentation of how comments have been addressed (to be provided with Draft Final of the WQIP)

Task 4. Water Quality Improvement Goals and Schedules (Provision B.3.a-b, Provision F.1.a(3)(c))

Under Task 4, the URS Team will work closely with the RAs to identify and develop specific water quality improvement goals, strategies and schedules to address the highest priority water quality conditions identified within the Tijuana River WMA.

Consistent with the permit, the team will identify these goals and schedules through a multi-step process involving the following subtasks, as described below:

- 4.1 Water Quality Improvement Goals and Schedules
- 4.2 Water Quality Improvement Strategies and Schedules
 - 4.2.1 Jurisdictional Strategies
 - 4.2.2 Watershed Area Strategies
- 4.3 Jurisdictional and WMA Schedules
- 4.4 Optional Watershed Area Analysis

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Subtask 4.1 Water Quality Improvement Goals and Schedules (Provision B.3.a)

Under Subtask 4.1, the team will work with RAs to develop numeric goals and develop a schedule to achieve the interim and final goals. The task will include development of goals based on measurable criteria. The team will consider discharges from the Copermitees' MS4s and the extent to which they cause or contribute to exceedances of water quality standards in receiving waters; protections of receiving waters from MS4 discharges; and/or the protection of beneficial uses of receiving waters from MS4 discharges. The URS Team recognizes that interim and final goals will be developed recognizing that progress may not necessarily be linear but notes that for each final numeric goal, at least one interim goal must be established that the RAs will work toward achieving within the term of the current permit.

Subtask 4.2 Water Quality Improvement Strategies and Schedules (Provision B.3.b)

Based on the likely effectiveness and efficiency of the potential water quality improvement strategies identified under Provision B.2.e to effectively prohibit non-storm water discharges to the MS4, reduce pollutants in storm water discharges from the MS4 to the MEP, protect the beneficial uses of receiving waters from MS4 discharges, and/or achieve the interim and final numeric goals identified under Provision B.3.a, the URS Team will identify the strategies that will be implemented in each Watershed Management Area. This will include jurisdictional strategies and watershed management area strategies.

The URS Team will engage a "triple-bottom-line" approach to incorporate the sustainability factors (environmental, economic, and social) as rationale supporting the selection of water quality improvement strategies to address the conditions identified under Task 3 and the development of strategies under Subtasks 4.2.1 and 4.2.2. Water quality improvement strategies and the associated schedules for implementing strategies and attainment of numeric goals will be developed for each jurisdictional runoff management program and WMA runoff management program (regional/multi-jurisdictional).

Strategies may include implementation of JRMP activities, use of optional/enhanced strategies, collaborative and other activities introduced by stakeholders, such as jurisdictional BMPs, special studies (i.e., regulatory strategies, source identification), education programs, inspection frequencies, incentive and enforcement programs, ordinance changes, retrofitting areas of existing development, habitat/channel rehabilitation, and multi-jurisdictional/regional implementation of these strategies, as appropriate. Each of the proposed strategies will include cost estimates.

Subtask 4.2.1 Jurisdictional Strategies (Provision B.3.b(1))

The URS Team will identify the jurisdictional strategies that will be implemented in each Watershed Management Area using the following provisions, consistent with provision B.3.b(1) of the Permit:

- 1) Jurisdictional Strategies
 - a. The URS Team will identify the strategies that will be implemented within the RAs' jurisdictions as part of the jurisdictional runoff management program requirements under Provisions E.2 through E.7, including descriptions of the following:

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- i. For each of the inventories developed for its jurisdiction, as required under Provisions D.2.a.(1), E.3.e.(2), E.4.b, and E.5.a, the URS Team will identify the known and suspected areas or sources causing or contributing to the highest priority water quality conditions in the Watershed Management Area that the RAs will focus on in their efforts to effectively prohibit non-storm water discharges to its MS4, reduce pollutants in storm water discharges from its MS4 to the MEP, and achieve the interim and final numeric goals identified under Provision B.3.a;
 - ii. BMPs that each Copermittee will implement, or require to be implemented, as applicable, for those areas or sources within its jurisdiction;
 - iii. Education programs that each Copermittee will implement, as applicable, for those areas or sources within its jurisdiction;
 - iv. Frequencies that each Copermittee will conduct inspections on those areas or sources within its jurisdiction;
 - v. Incentive and enforcement programs that each Copermittee will implement, as applicable, for those areas or sources within its jurisdiction; and
 - vi. Any other BMPs, incentives, or programs that each Copermittee will implement for those areas or sources within its jurisdiction.
- b. Identify the optional jurisdictional strategies that each Copermittee will implement within its jurisdiction, as necessary, to effectively prohibit non-storm water discharges to its MS4, reduce pollutants in storm water discharges from its MS4 to the MEP, protect the beneficial uses of receiving waters from MS4 discharges, and/or achieve the interim and final numeric goals identified under Provision B.3.a. Descriptions of the optional jurisdictional strategies must include:
- i. BMPs, incentives, or programs that may be implemented by the Copermittee within its jurisdiction in addition to the requirements of Provisions B.3.b.(1)(a);
 - ii. Incentives or programs that may be implemented by the Copermittee to encourage or implement projects to retrofit areas of existing development within its jurisdiction;
 - iii. Incentives or programs that may be implemented by the Copermittee to encourage or implement projects that will rehabilitate the conditions of channels or habitats within its jurisdiction;
 - iv. The funds and/or resources that must be secured by the Copermittee to implement the optional strategies described for Provisions B.3.b.(1)(b)(i)-(iii) within its jurisdiction; and

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- v. The circumstances necessary to trigger implementation of the optional jurisdictional strategies, in addition to the requirements of Provision B.3.b.(1)(a), to achieve the interim and final numeric goals within the schedules established under Provision B.3.a.
- c. Identify the strategies that will be implemented by the Copermittee in coordination with or with the cooperation of other agencies (e.g. Caltrans, water districts, school districts) and/or entities (e.g. non-governmental organizations) within its jurisdiction.

The URS Team will hold individual meetings with each of the three RAs to identify jurisdictional strategies that each Copermittee will implement within its own jurisdiction, according to the attached schedule. The strategies will include discussion of BMPs, incentives, or programs that may be implemented; incentives for retrofit programs; channel or habitat rehabilitation; funds and/or resources; and the circumstances necessary to trigger implementation of the jurisdictional strategies.

Subtask 4.2.2 Watershed Management Area Strategies (Provision B.3.b(2))

Under Subtasks 4.2.2, the URS Team will work with the RAs to identify regional or multi-jurisdictional strategies that will be implemented in the Tijuana River WMA, as necessary. To complete this subtask, the URS Team will identify the optional regional or multi-jurisdictional strategies that will be implemented in the WMA, as necessary, to effectively prohibit non-storm water discharges to the MS4, reduce pollutants in storm water discharges from the MS4 to the MEP, protect the beneficial uses of receiving waters from MS4 discharges, and/or achieve the interim and final numeric goals identified under Provision B.3.a. Descriptions of the optional regional or multi-jurisdictional strategies must include:

- (a) Regional or multi-jurisdictional BMPs, incentives, or programs that may be implemented by the Copermittees in the Watershed Management Area;
- (b) Incentives or programs that may be implemented by the Copermittees in the Watershed Management Area to encourage or implement regional or multi-jurisdictional projects to retrofit areas of existing development;
- (c) Incentives or programs that may be implemented by the Copermittees to encourage or implement regional or multi-jurisdictional projects that will rehabilitate the conditions of channels, streams, or habitats within the Watershed Management Area;
- (d) The funds and/or resources that must be secured by the Copermittees to implement the optional strategies described for Provisions B.3.b.(2)(a)-(c) within the Watershed Management Area; and
- (e) The circumstances necessary to trigger implementation of the optional regional or multi-jurisdictional strategies to achieve the interim and final numeric goals within the schedules established under Provision B.3.a.

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The strategies will include discussion of regional or multi-jurisdictional BMPs, incentives, or programs that may be implemented; incentives for retrofit programs; channel, stream or habitat rehabilitation; funds and/or resources; and the circumstances necessary to trigger implementation of the jurisdictional strategies.

Subtask 4.3 Develop Jurisdictional and WMA Schedules (Provision B.3.b(3))

Under Subtask 4.3, the URS Team will develop reasonable schedules for implementing the water quality improvement strategies identified under Provisions B.3.b.(1) and B.3.b.(2) to achieve the interim and final numeric goals identified and schedules established under Provision B.3.a. The URS Team will work with the RAs to incorporate the schedules to implement the water quality improvement strategies into the Water Quality Improvement Plan as follows, consistent with the Permit:

- (a) Each Copermittee must develop schedules for the jurisdictional strategies identified pursuant to Provisions B.3.b.(1)(a)-(b). Each schedule must specify:
 - (i) If each jurisdictional strategy identified pursuant to Provision B.3.b.(1)(a) will or will not be initiated upon acceptance of the Water Quality Improvement Plan;
 - (ii) For each jurisdictional strategy identified pursuant to Provision B.3.b.(1)(a) that will not be initiated upon approval of the Water Quality Improvement Plan, the shortest practicable time in which each jurisdictional strategy will be initiated after acceptance of the Water Quality Improvement Plan;
 - (iii) For each optional jurisdictional strategy identified pursuant to Provision B.3.b.(1)(b), a realistic assessment of the shortest practicable time required to:
 - a. Secure the resources needed to fund the optional jurisdictional strategy, and
 - b. Procure the resources, materials, labor, and applicable permits necessary to initiate implementation of the optional jurisdictional strategy;
 - (iv) If each jurisdictional strategy identified pursuant to Provisions B.3.b.(1)(a)-(b) is expected to be continuously implemented (e.g. inspections) or completed within a schedule (e.g. construction of structural BMP); and
 - (v) If a jurisdictional strategy identified pursuant to Provisions B.3.b.(1)(a)-(b) is expected to be completed within a schedule, the anticipated time to complete based on a realistic assessment of the shortest practicable time required.

- (b) The Copermittees in the Watershed Management Area must develop schedules for the regional or multi-jurisdictional strategies identified pursuant to Provision B.3.b.(2). Each schedule must specify:
 - (i) A realistic assessment of the shortest practicable time to:
 - a. Secure the resources needed to fund the optional regional or multi-jurisdictional strategy, and
 - b. Procure the resources, materials, labor, and permits necessary to initiate the implementation of the optional regional or multi-jurisdictional strategy;
 - c. If each regional or multi-jurisdictional strategy identified pursuant to Provision B.3.b.(2) is expected to be continuously implemented (e.g. inspections) or completed within a schedule (e.g. construction of structural BMP); and

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- d. If a regional or multi-jurisdictional strategy and/or activity identified pursuant to Provisions B.3.b.(2) is expected to be completed within a schedule, the anticipated time to complete based on a realistic assessment of the shortest practicable time required.

The URS Team will collaborate with RAs to develop reasonable schedules for implementing the water quality improvement strategies identified above. Development of the schedules will require realistic assessment of the time needed to fund strategies and procure the resources, materials, labor, and applicable permits to initiate implementation of strategies.

Subtask 4.4 Optional Watershed Management Area Analysis (Provision B.3.b(4))

If directed by RAs, the URS Team will perform the Optional Watershed Management Analysis in compliance with the following provisions from the permit:

- (a) The purpose of this analysis would be to develop watershed-specific requirements for structural BMP implementation, as described in Provision E.3.c.(3). The Watershed Management Area Analysis must include GIS layers (maps) as output. The analysis must include the following information, to the extent it is available, in order to characterize the Watershed Management Areas:
 - (i) A description of dominant hydrologic processes, such as areas where infiltration or overland flow likely dominates;
 - (ii) A description of existing streams in the watershed, including bed material and composition, and if they are perennial or ephemeral;
 - (iii) Current and anticipated future land uses;
 - (iv) Potential coarse sediment yield areas; and
 - (v) Locations of existing flood control structures and channel structures, such as stream armoring, constrictions, grade control structures, and hydromodification or flood management basins.
- (b) The URS Team will use the results of the Watershed Management Area Analysis performed pursuant to Provision B.3.b.(4)(a) to identify and compile a list of candidate projects that could potentially be used as alternative compliance options for Priority Development Projects, to be implemented in lieu of onsite structural BMP performance requirements described in Provisions E.3.c.(1) and E.3.c.(2). Specifically, the Copermittees must identify opportunities to be included in the list of candidate projects in each Watershed Management Area, such as:
 - (i) Stream or riparian area rehabilitation;
 - (ii) Retrofitting existing infrastructure to incorporate storm water retention or treatment;
 - (iii) Regional BMPs;
 - (iv) Groundwater recharge projects;
 - (v) Water supply augmentation projects; and
 - (vi) Land purchases to preserve floodplain functions.

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- (c) The Copermittees must use the results of the Watershed Management Area Analysis performed pursuant to Provision B.3.b.(4)(a) to identify areas within the Watershed Management Area where it is appropriate to allow Priority Development Projects to be exempt from the hydromodification management BMP performance requirements described in Provision E.3.c.(2), including supporting rationale.

To develop the Watershed Management Analysis, the URS Team would follow the above provisions and leverage its experience gained in gathering, preparing, and analyzing the data utilized to prepare a number of reports in the Tijuana River WMA and would develop this analysis based on a template provided by the County.

The URS Team notes that currently much of this subtask will be completed on a Regional basis led by the County of San Diego. It is expected that this regional process will result in a document that will become an appendix to the draft WQIP and will include a table that lists all potential water quality projects implemented at the jurisdictional level. It is anticipated that in this Section the URS Team will prepare a brief summary of the appendix, and briefly discuss some of the projects presented in the table. Other duties for this might include individual discussions with jurisdictions to identify projects.

Deliverables under Task 4:

- RA presentation on Section 3
- Draft Section 3 Water Quality Improvement Goals, Strategies, and Schedules for RA's review and comment
- Revised draft with documentation of how comments have been addressed
- Draft for Consultation Panel
- Revised draft with documentation of how comments have been addressed
- Draft for Water Board for public review
- Revised draft with documentation of how comments have been addressed (to be provided with Draft Final of the WQIP)

TASK 5. WATER QUALITY IMPROVEMENT MONITORING AND ASSESSMENT PROGRAM (PROVISION B.4.)

The Permit requires the development of an integrated Monitoring and Assessment Program for inclusion with the WQIP. The Monitoring and Assessment Program must be designed to demonstrate: 1) the progress toward achieving the numeric goals and schedules, 2) the progress toward addressing the highest priority water quality conditions for the Tijuana WMA, and 3) each Copermittee's overall efforts to implement the WQIP. The monitoring and assessment program will incorporate the requirements of Provision D of the permit. In developing the deliverable under Task 5, the URS Team will follow the following provisions specified by the Permit:

- a. The URS Team will develop and incorporate an integrated monitoring and assessment program into the Water Quality Improvement Plan that assesses: 1) the progress toward achieving the numeric goals and schedules, 2) the progress toward addressing the highest priority water quality conditions for each Watershed Management Area, and 3) each Copermittee's overall efforts to implement the Water Quality Improvement Plan.

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- b. The monitoring and assessment program must incorporate the monitoring and assessment requirements of Provision D, which may allow the Copermittees to modify the program to be consistent with and focus on the highest priority water quality conditions for each Watershed Management Area.
- c. For Watershed Management Areas with applicable TMDLs, the monitoring and assessment program must incorporate the specific monitoring and assessment requirements of Attachment E (not applicable to Tijuana River WMA).
- d. For Watershed Management Areas with any ASBS, the water quality monitoring and assessment program must incorporate the monitoring requirements of Attachment B to State Water Board Resolution No. 2012-0012 (see Attachment A) (not applicable to Tijuana River WMA).

The Tijuana WMA is not subject to adopted TMDLs listed in the Permit (Attachment E), however, several 303(d) listings for the Tijuana River watershed exist that the URS Team will consider and evaluate when developing the monitoring and assessment program. The URS Team will also consider Areas of Special Biological Significance, as appropriate.

The URS Team will utilize its extensive water quality monitoring and assessment experience to develop and implement a monitoring program designed to determine Copermittees' progress towards achieving numeric goals identified. The team is prepared to utilize our watershed experience and technical monitoring expertise to design and implement a focused monitoring and assessment program that concentrates on the U.S.-resolvable water quality conditions. The approach will include emphasis on monitoring U.S.-based discharges and documenting improvement activities that lead to demonstrable changes in water quality, in alignment with the goals of the WQIP.

The URS Team will provide RAs with a draft technical memorandum according to the schedule and will participate in a meeting with RAs the following week to discuss comments on the draft. A revised version will be provided with the deliverable under Task 7.

Deliverables:

- RA Presentation of Section 4
- Draft Section 4 for RAs
- Revised draft with documentation of how comments have been addressed (to be provided with Draft Final of the WQIP)

TASK 6. ITERATIVE APPROACH AND ADAPTIVE MANAGEMENT PROCESS (PROVISION B.6)

The URS Team will work with RAs to develop an iterative approach to adapt the WQIP, monitoring and assessment program, and jurisdictional runoff management programs to become more effective toward achieving compliance. The process will include: 1) re-evaluation of priority water quality conditions, 2) adaptation of goals, strategies and schedules, and 3) adaptation of the Monitoring and Assessment Program. The approach will follow Provision A.4 to adapt the Water Quality Improvement Plan, monitoring and assessment program, and jurisdictional runoff management programs to become more effective toward achieving compliance with Provisions A.1.a, A.1.c and A.2.a.

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The URS team will develop the iterative approach and adaptive management process consistent with the following permit provisions:

a. Re-Evaluation of Priority Water Quality Conditions

The priority water quality conditions and potential water quality improvement strategies included in the Water Quality Improvement Plan pursuant to Provisions B.2.c and B.2.e may be re-evaluated by the Copermittees as needed during the term of this Order as part of the Water Quality Improvement Plan Annual Report. Re-evaluation and recommendations for modifications to the priority water quality conditions and potential water quality improvement strategies must be provided in the Report of Waste Discharge, and must consider the following:

- (1) Achieving the outcome of improved water quality in MS4 discharges and receiving waters through implementation of the water quality improvement strategies identified in the Water Quality Improvement Plan;
- (2) New information developed when the requirements of Provisions B.2.a-c have been re-evaluated;
- (3) Spatial and temporal accuracy of monitoring data collected to inform prioritization of water quality conditions and implementation strategies to address the highest priority water quality conditions;
- (4) Availability of new information and data from sources other than the jurisdictional runoff management programs within the Watershed Management Area that informs the effectiveness of the actions implemented by the Copermittees;
- (5) San Diego Water Board recommendations; and
- (6) Recommendations for modifications solicited through a public participation process.

b. Adaptation of Goals, Strategies, and Schedules

The water quality improvement goals, strategies and schedules, included in the Water Quality Improvement Plan pursuant to Provisions B.3, must be re-evaluated and adapted as new information becomes available to result in more effective and efficient measures to address the highest priority water quality conditions identified pursuant to Provision B.2.c. Re-evaluation of and modifications to the water quality improvement goals, strategies and schedules must be provided in the Water Quality Improvement Plan Annual Report, and must consider the following:

- (1) Modifications to the priority water quality conditions based on Provision B.5.a;
- (2) Progress toward achieving interim and final numeric goals in receiving waters and MS4 discharges for the highest priority water quality conditions in the Watershed Management Area,
- (3) Progress toward achieving outcomes according to established schedules;
- (4) New policies or regulations that may affect identified numeric goals;
- (5) Measurable or demonstrable reductions of non-storm water discharges to and from each Copermittee's MS4;

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- (6) Measurable or demonstrable reductions of pollutants in storm water discharges from each Copermittee's MS4 to the MEP;
- (7) New information developed when the requirements of Provisions B.2.b and B.2.d have been re-evaluated;
- (8) Efficiency in implementing the Water Quality Improvement Plan;
- (9) San Diego Water Board recommendations; and
- (10) Recommendations for modifications solicited through a public participation process.

c. Adaptation of Monitoring and Assessment Program

The water quality improvement monitoring and assessment program, included in the Water Quality Improvement Plan pursuant to Provision B.4, must be re-evaluated and adapted when new information becomes available. Re-evaluation and recommendations for modifications to the monitoring and assessment program, pursuant to the requirements of Provision D, may be provided in the Water Quality Improvement Plan Annual Report, but must be provided in the Report of Waste Discharge.

Consistent with the provisions specified above, the highest priority water quality conditions determined during the initial phase of development of the WQIP will be re-evaluated based on new data and information. Factors such as: improved water quality in MS4 discharges and receiving waters through implementation of the water quality improvement strategies; improved spatial and temporal accuracy of monitoring data collected by the Monitoring and Assessment Program; availability of new information and data from sources other than the jurisdictional runoff management programs; and recommendations from stakeholders, will be considered to assess whether priority water quality conditions are current and appropriate.

The URS team will leverage knowledge of the watershed, technical expertise in storm water management, and proven ability to interpret water quality data to efficiently evaluate conditions and prioritize actions.

The specific water quality improvement goals and strategies to address the highest priority water quality conditions will be re-evaluated so that more effective and efficient measures may be employed, with special consideration given to sustainability factors (environmental, economic and social).

The Monitoring and Assessment Program will be re-evaluated and adapted when new data and information become available. Re-evaluation and recommendations for modifications to the Monitoring and Assessment Program, pursuant to the requirements of Provision D of the MS4 Permit, may be provided in the WQIP Annual Report. The WQIP will identify factors that trigger revisions to the Monitoring and Assessment Program.

The URS Team will follow an iterative approach and make use of adaptive management in which the team will plan, implement, evaluate, and revise as necessary. The team will develop an approach that builds on the framework of existing Copermittee programs. The highest priority water quality conditions identified during the initial phase of development of the WQIP will be re-evaluated based on new data and information, with consideration given to sustainability factors (environmental, economic and social).

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The team will provide RAs with a draft technical memorandum according to the schedule and will participate in a meeting with RAs the following week to discuss comments on the draft.

Deliverables under subtask:

- RA Presentation of Section 5
- Draft Section 5 for RAs
- Revised draft with documentation of how comments have been addressed (to be provided with Draft Final of the WQIP)

TASK 7. COMPILATION OF DRAFT AND FINAL WQIP (PROVISION B.6, PROVISION F.1.B)

The URS Team will develop a draft WQIP using the deliverables developed under Tasks 3 through 6 and addressing comments received on those deliverables in the development of the draft, thus incorporating input and recommendations received during the development of the individual components of the plan and including revisions necessary to address comments submitted during the mandated public review periods and recommendation required by the Executive Officer of the San Diego Regional Water Quality Control Board.

URS will provide the draft copy of the WQIP to the RAs for review and comment as detailed in the schedule below and will revise as necessary prior to submitting the final draft. Prior to submittal to the San Diego Regional Water Board, the draft will first be provided back to the Copermittees for a review by their respective city councils (by February 2015). URS will make revisions as appropriate following this review and develop a draft WQIP for submittal to the San Diego Regional Water Board in accordance with the requirements of Provision F.1 (late June 2015).

The Water Board will issue a public notice and release the WQIP for public review and comment for a minimum of 30 days. A Final WQIP will be prepared based on the comments received during the public comment period, as appropriate, and any revisions to the WQIP will be submitted to the Regional Board no later than 60 days after the close of the public comment period.

A draft WQIP will be developed, incorporating the major components of the WQIP including:

- Cover Page, Table of Contents, Executive Summary
- Section 1: Introduction
 - 1.1 WQIP Purpose
 - 1.2 Watershed Management Area
 - 1.3 WQIP Organization
- Section 2: Priority Water Quality Conditions
 - 2.1 Assessment of Receiving Water Conditions (Provision B.2.a)
 - 2.2 Assessment of Impacts from MS4 Discharges (Provision B.2.b)
 - 2.3 Priority Water Quality Conditions (Provision B.2.c)
 - 2.4 Identification of MS4 Sources of Pollutants and/or Sources Provision B.2.d
 - 2.5 Potential Water Quality Improvement Strategies (Provision B.2.e)
- Section 3: Water Quality Improvement Goals, Strategies, and Schedules

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- 3.1 Watershed Management Area Numeric Goals (Provision B.3.a(1))
 - 3.1.1 Final Numeric Goals
 - 3.1.2 Interim Numeric Goals
- 3.2 Schedules for Achieving Numeric Goals(Provision B.3.a(2))
- 3.3 Water Quality Improvement Strategies and Schedules (Provision B.3.(b))
 - 3.3.1 Jurisdictional Strategies (Provision B.3.b(1)(a), Provision E.2 through E.7, and Provision B.3.b(1)(b))
 - 3.3.2 Watershed Management Area Strategies (Provision B.3.b(2))
 - 3.3.3 Schedules for Implementing Strategies
 - 3.3.4 Optional WMAA
- Section 4: Water Quality Improvement Monitoring and Assessment Program
 - 4.1 Integrated Monitoring and Assessment Program (B.4.a)
 - 4.2 Monitoring and Assessment requirements of Provision D
 - 4.3 TMDL Monitoring and assessment Attachment E (as applicable)
 - 4.4 ASBS Monitoring (as applicable)
- Section 5: Iterative Approach and Adaptive Management Process
 - 5.1 Re-Evaluation of Priority Water Quality Conditions (Provision B.5.a)
 - 5.2 Adaptation of Goals, Strategies and Schedules (Provision B.5.b)
 - 5.3 Adaptation of Monitoring and Assessment Program (Provision B.5.c)
- Section 6: References
- Section 7: Appendices

Summary of Deliverables:

- Draft Final WQIP for RAs
- Response to RA Comments
- Revised Second Draft Final
- Draft for Consultation Panel
- Response to CP comments
- Revised Third Draft Final (this will be version for City Council and County BOS)
- Response to Public Review
- Revised Final

ESTIMATED SCHEDULE AND COST

The tasks to be completed, a preliminary schedule of meetings and deliverables and the associated costs, as presented in our proposal and further refined during last week's meeting, are presented below. Table 1 outlines the preliminary schedule of meetings and deliverables. The schedule assumes timely reviews of draft deliverables by RAs and timely distribution of public review drafts by the San Diego Regional Water Quality Control Board. The URS Team will present the preliminary schedule during the kickoff meeting in January and will develop a final schedule following that meeting.

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**Table 1
 Schedule of Meetings and Deliverables**

Deliverable / Meeting Topic	Date	Notes / Assumptions
Task 1: Project Management		
Monthly progress reports	Once per month	
Task 2: Responsible Agency (or Copermittee), Public Workshops and Consultation Panel Meetings		
Regular meetings with Copermittees	Bimonthly remaining FY 2014 Monthly FY 2015, and FY16 through December as needed till Final WQIP	Unless otherwise scheduled.
Draft presentation for first public workshop	January 9, 2014	
Final presentation for first public workshop	January 28, 2014	
First Public Workshop	January 28, 2014	
Consultation Panel Meeting 1	Mid to late March 2014	Exact date TBD
Consultation Panel Meeting 2	June or July 2014	Exact date TBD
Draft presentation for second public workshop	August 1, 2014	Placeholder date
Final presentation for second public workshop	Week of August 10, 2014	
Second Public Workshop	Week of August 10, 2014	Exact date TBD
Consultation Panel Meeting 3	Mid-September, 2015	Exact date TBD
Consultation Panel Meeting 4	Week of January 4, 2015	Exact date TBD
Consultation Panel Meeting 5	March 2015	After Council and BOS review
Jurisdiction meetings with Copermittees 1	Week of July 20, 2014	Exact date TBD
Jurisdiction meetings with Copermittees 2	Week of September 14, 2014	Exact date TBD
Recovery Team Meetings	Per Recovery Team schedule	
Meeting summaries / action items	As applicable, 3 business days following meetings	
Task 3: Identification of Priority Water Conditions		
Presentation of Task 3 Deliverable	March 4, 2014	Unless otherwise scheduled
Draft Section 2 of WQIP for RA Review (Draft Section 1 of WQIP provided at the same time)	March 4, 2014	RA comments received within 1 week
Response to RA Comments	March 18, 2014	
Draft Section for CP Review	March 18, 2014	
Response to CP Comments	April 1, 2014	
Draft for Public Review	April 15, 2014	
Task 4: Water Quality Improvement Goals and Schedules		
Presentation of Task 4 Deliverable	October 7, 2014	Unless otherwise scheduled
Draft Section 3 of WQIP for RA Review	October 7, 2014	RA comments received within 1 week
Response to RA Comments	October 21, 2014	
Draft Section for CP Review	November 4, 2014	
Response to CP Comments	November 25, 2014	
Draft for Public Review	November 25, 2014	
Task 5: Water Quality Improvement Monitoring and Assessment Program		

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Deliverable // Meeting Topic	Date	Notes // Assumptions
Presentation of Task 5 Deliverable	December 2, 2014	Unless otherwise scheduled
Draft Section 4 of WQIP for RA Review	December 2, 2014	RA comments received within 1 week
Response to RA Comments	December 16, 2014	
Task 6: Iterative Approach and Adaptive Management Process		
Presentation of Task 6 Deliverable	December 2, 2014	Unless otherwise scheduled
Draft Section 5 of WQIP for RA Review	December 2, 2014	RA comments received within 1 week
Response to RA Comments	December 16, 2014	
Task 7: Compilation of Draft and Final WQIP		
Draft for Copermittees	January 23, 2015	RA comments received within 1 week
Revised draft with documentation of how comments have been addressed	February 6, 2015	CP comments received within 1 week
Draft for consultation panel	February 6, 2015	CP comments received within 1 week
Revised draft with documentation of how comments have been addressed	February 27, 2015	
Draft for City Councils	February 27, 2015	
Revised draft with documentation of how comments have been addressed	May 8, 2015	Subject to change depending on when City Council comments are received.
Draft submitted to Water Board for public comment	June 26, 2015	
Revised draft for RAs with documentation of how public comments have been addressed	August 28, 2015	
Final WQIP for Water Board	By September 25, 2015	

Table 2 presents the estimated budget by fiscal year. Our estimate by fiscal year has been developed based on our understanding of the current project timeline and level of effort anticipated at this time. Some of the tasks (e.g., Task 3) are front loaded in the 2013-2014 Fiscal Year (FY). Others (e.g., bimonthly meetings) were assumed to be distributed evenly over the course of the project. Preparation for other tasks starts this year and will continue for the remainder of the project until submission of the final deliverables. Some costs will continue into the beginning of the 2015-2016 FY (July through September 2015) to accommodate changes or follow up that may be needed to complete the WQIP. While costs have been distributed between 3 FYs, the costs fall predominantly into FY 2014-2015. Work will begin approximately halfway through FY 2013-2014, and will extend into the two or three months of FY 2014-15. This task order may be modified by written amendment, if necessary.

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**Table 2
 Budget by Fiscal Year**

Task	Description	FY 2013-2014	FY 2014-2015	FY 2015-2016	Total Estimated Cost
1	Project Management	\$8,608	\$17,215	\$2,869	\$28,692
2	Responsible Agency (Copermittee), Public Workshop, and Consultation Panel Meetings	\$21,638	\$21,638	\$1,730	\$45,006
3	Identification of Priority Water Quality Conditions (Provisions B.2.a-e)	\$44,015	\$4,890		\$48,905
4	Identification of Water Quality Improvement Goals, Strategies and Schedules (Provision B.3.a-b)	\$5,417	\$48,751		\$54,168
5	Develop a Water Quality Improvement Monitoring and Assessment Program	\$2,279	\$43,304		\$45,583
6	Develop and describe the Iterative Approach and Adaptive Management Approach to be utilized in the WMA	\$1,216	\$23,097		\$24,313
7	Preparation of Draft/Final WQIP		\$21,259	\$7,085	\$28,344
	TOTAL ESTIMATED COST	\$83,173	\$180,154	\$11,684	\$275,011

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As requested, Table 3 provides a detailed budget estimate by task and subtask.

**Table 3
 Budget Detailing Costs of Tasks and Subtasks**

Task	Description	Labor Costs	Other Direct Costs	Total Estimated Cost	Percentage of Costs
1	Project Management	\$21,354	\$7,338	\$28,692	10%
2	Responsible Agency (Copermittee), Public Workshop, and Consultation Panel Meetings	\$22,487	\$22,519	\$45,006	16%
	<i>Public Workshops</i>	\$2,532	\$1,080*	\$3,612	
	<i>Consultation Panel Meetings</i>	\$8,465	\$4,500*	\$12,965	
	<i>Copermittee Meetings (group)</i>	\$8,130	\$4,860*	\$12,990	
	<i>Copermittee Meetings (individual)</i>	\$1,947	\$1,080*	\$3,027	
	<i>Recovery Team Meetings</i>		\$1,080*	\$1,080	
	<i>Meeting Facilitation</i>		\$6,634**	\$6,634	
	<i>Meeting Minutes</i>	\$1,412		\$1,412	
	<i>Remaining Other Direct Costs</i>		\$3,285	\$3,285	
	Task 2 subtotal			\$45,006	
3	Identification of Priority Water Quality Conditions	\$31,734	\$17,170	\$48,905	18%
	<i>3.1 Assessment of Receiving Water Conditions</i>	\$6,347	\$3,434	\$9,781	
	<i>3.2 Assessment of impacts from MS4 discharges</i>	\$6,347	\$3,434	\$9,781	
	<i>3.3 Identification of Priority Water Quality Conditions</i>	\$6,347	\$3,434	\$9,781	
	<i>3.4 Identification of MS4 Sources of Pollutants and/or Stressors</i>	\$6,347	\$3,434	\$9,781	
	<i>3.5 Identification of Potential Water Quality Improvement Strategies</i>	\$6,347	\$3,434	\$9,781	
	Task 3 subtotal			\$48,905	
4	Identification of Water Quality Improvement Goals, Strategies and Schedules	\$36,998	\$17,170	\$54,168	20%
	<i>4.1 Water Quality Improvement Goals and Schedules</i>	\$7,400	\$3,434	\$10,834	

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Task	Description	Labor Costs	Other Direct Costs	Total Estimated Cost	Percentage of Costs
	<i>4.2.1 Water Quality Improvement Strategies and Schedules - Jurisdictional</i>	\$7,400	\$3,434	\$10,834	
	<i>4.2.2 Water Quality Improvement Strategies and Schedules - WMA</i>	\$7,400	\$3,434	\$10,834	
	<i>4.3 Develop jurisdictional and WMA Schedules</i>	\$7,400	\$3,434	\$10,834	
	<i>4.4 Optional Watershed Management Area Analysis</i>	\$7,400	\$3,434	\$10,834	
	Task 4 subtotal			\$54,168	
5	Develop a Water Quality Improvement Monitoring and Assessment Program	\$21,641	\$23,942	\$45,583	17%
6	Develop and Describe the Iterative Approach and Adaptive Management Approach to be Utilized in the WMA	\$11,764	\$12,549	\$24,313	9%
7	Preparation of Draft/Final WQIP	\$18,412	\$9,932	\$28,344	10%
	<i>7.1 Draft for Copermitees</i>	\$5,524	\$2,980	\$8,503	
	<i>7.2 Draft for Consultation Panel</i>	\$2,762	\$1,490	\$4,252	
	<i>7.3 Draft for City Councils</i>	\$2,762	\$1,490	\$4,252	
	<i>7.4 Draft for Water Board for Public Comment</i>	\$2,762	\$1,490	\$4,252	
	<i>7.5 Draft for Copermitees with Public Comments Addressed</i>	\$2,762	\$1,490	\$4,252	
	<i>7.6 Final WQIP for Water Board</i>	\$1,841	\$993	\$2,834	
	Task 7 subtotal			\$28,344	
	TOTAL ESTIMATED COST	\$164,390	\$110,621	\$275,011	100%

Notes:

*Dudek Environmental meeting attendance

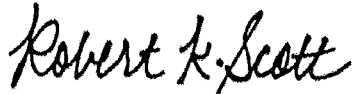
**Katz and Associates facilitation

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Our scope of work described herein will be performed on a time-and-materials basis for an amount not to exceed \$275,011 without your prior notification and approval. URS is prepared to execute a contract with the City in accordance with terms and conditions similar to those provided in the sample agreement appearing in the RFP/Q. The URS Team appreciates the opportunity to assist the City with this project and we look forward to working with you and the other Copermitees. If you have any questions, please contact us.

Sincerely,

URS CORPORATION AMERICAS



Robert K. Scott, P.G., C.Hg.
Vice President

RKS/kl

**REQUEST FOR AGREEMENT
PROFESSIONAL CONSULTANT/NON-PROFIT/AGENCY**

Once you have selected your consultant, please complete this form and submit to Pam Glover in P&C, either by email or MS 56. Allow two weeks for the agreement to be completed and submitted to your department for review.

Once approved by your department, a PDF copy will be submitted to you to have the consultant sign 2 original copies. The Consultant will return the 2 copies with the submittals required in the agreement to: Pam Glover, Procurement Specialist for Professional Non-Design Consultant Services, Purchasing & Contracting, 1200 Third Ave Ste 200, San Diego, CA 92101.

The agreements will be reviewed for completeness and routed for signatures. Allow two weeks for this process. Please call Pam Glover at 65554 if you have questions regarding the process.

Department Approval to enter into Agreement: _____
Signature

Karina Danek
Print Name

Senior Planner
Title

Type of Agreement:

Consultant Agreement AR 25.70 Up to \$24,999 or From \$25,000 to \$49,999 or From \$50,000 to \$99,999

Non-Profit – 501(c)(3) Muni-Code 22.3003 Inter-agency Agreement Muni-Code 22.3003

Outside Legal Counsel AR 25.70

Competitive Process: Competitive Selection (attach completed Consultant Selection Form)
Sole Source # _____ (attach copy of Sole Source approval memo)

Date of Request: 2/14/14	
Requesting Department: Storm Water Department	
Requestor Name: Karina Danek	
Requestor's Phone Number: (858) 541-4349	
Official Project Title: Cost Share Agreement- WQIP for Tijuana Watershed	
Consultant's Name: City of Imperial Beach and County of San Diego	
Consultant's OPIS Account Number: 10020391	
Total Dollar Value of Agreement: \$182,091	
Total Dollar Amount Allocated to Scope of Work:	\$182,091
Total Dollar Amount Allocated for Additional Services:	\$0
Total Not to Exceed Dollar Amount of Agreement:	\$182,091
Estimated Start Date of Agreement: 2/28/14	
Estimated Completion Date of Agreement: 12/31/15	
Will the contract have options to renew for a total of 5 years?	Yes <input checked="" type="checkbox"/> No
Department Attorney to review and sign Agreement: Heather Stroud	
Commodity Code (http://citynet/pac/resources/commodity_list.pdf 9900 series)	
Funding Source:	<input checked="" type="checkbox"/> City State Federal *Other

increments as outlined in the table below in each of Fiscal Year 2014 Fiscal Year 2015, and Fiscal Year 2016. Funds for the Fiscal Year 2014 expenditure have been identified, and are available in the Storm Water Division General Fund Budget. Purchase Orders will be requested subsequent to Council adoption of the corresponding Fiscal Year's Budget.

Contract Year	Fiscal Year	Amount
1	2014	\$55,071
2	2015	\$119,284
3	2016	\$7,736
Total	2014-2016	\$182,091

Time Schedule: Work to occur from 2/28/14 until 12/31/15.

Department Contact:

Karina Danek
 Senior Planner
 Storm Water Department
 9370 Chesapeake Dr., Suite 100, MS 1900
 San Diego, CA 92123
 858.541.4349 office
 858.541.4350 fax
kdanek@sandiego.gov

Consultant Contact:

County of San Diego
 Tracy Cline, 5510 Overland Ave Ste 410, San Diego, CA 92123, MSO326

City of Imperial Beach

Chris Helmer
 City of Imperial Beach - Public Works Dept., 495 10th Street, Imperial Beach, CA 91932

List Name of Department:

County of San Diego
 Tracy Cline, 5510 Overland Ave Ste 410, San Diego, CA 92123, MSO326

City of Imperial Beach

Chris Helmer
 City of Imperial Beach – Finance Department., 825 Imperial Beach Blvd, Imperial Beach, CA 91932

Contract Manager Checklist:

Project Request Form AC # IRS Form W-9 from Consultant	1544, if needed 1472, if needed Vendor Registration Form from Consultant	Consultant Selection Form or Sole Source # _____
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