AGENDA
SACRAMENTO CENTRAL GROUNDWATER AUTHORITY
REGULAR MEETING OF THE BOARD OF DIRECTORS

Thursday, September 3, 2020; 9:00 AM
(Teleconference-Video)

PUBLIC COMMENT PROCEDURES

In compliance with directives of the County, State, and Centers for Disease Control and Prevention (CDC), this meeting is live stream and closed to public attendance. Meeting procedures are subject to change pursuant to guidelines related to social distancing and minimizing person-to-person contact.

Live meeting comment
Make a verbal public comment during a meeting. The public comment phone line will open 15-minutes prior to the start of the meeting. Refer to the agenda and listen to the live meeting to determine when is the best time to call to be placed in queue to make a public comment. Callers may be on hold for up to an extended period of time and should plan accordingly. Dial (916) 875-2500 and follow the prompts to be placed in queue for a specific agenda item or off-agenda matter. When the Chair opens public comment for a specific agenda item or off-agenda matter, callers will be transferred from the queue into the meeting to make a verbal comment. Each agenda item queue will remain open until the public comment period is closed for that specific item.

Written Comment

- Send an email comment to Boardclerk@saccounty.net Include meeting date and agenda item number or off-agenda item. Contact information is optional.
- Mail a comment to 700 H Street, Suite 2450, Sacramento, CA 95814. Include meeting date and agenda item number or off-agenda item. Contact information is optional.
- Written comments are distributed to members, filed in the record, and will not be read aloud.

VIEW MEETING

The meeting will be streamed live through BlueJeans Events. Members of the public may watch and/or listen to the meeting as follows:

- Video/Audio from a PC: https://primetime.bluejeans.com/a2m/live-event/wyybrppu

- Video/Audio from a mobile device: https://primetime.bluejeans.com/a2m/live-event/wyybrppu (Enter Event ID Code: **wyybrppu**)

- Teleconference (audio only) dial: (415) 466-7000 (Enter PIN Code: **4752361#)**

MEETING MATERIAL

The on-line version of the agenda and associated material is available at https://scgah2o.saccounty.net (click "Meeting Notices"). Some documents may not be posted on-line because of size or format (maps, site plans, renderings). Contact the Clerk's Office at (916) 874-5411 to obtain copies of documents.

ACCOMMODATION

Requests for accommodations pursuant to the Americans with Disabilities Act (ADA) should be made with the Clerk of the Board by telephone at (916) 874-5411 (voice) and CA Relay Services 711 (for the hearing impaired) or BoardClerk@saccounty.net prior to the meeting.

SCGA BOARD MEMBERS: City of Elk Grove Bob Murdoch (Alternates - Amittoj Thandi), City of Folsom Marcus Yasutake (Alternate –Chair Todd Eising, Kerri Howell), City of Rancho Cordova Albert Stricker (Alternate – Dalia Fadl), City of Sacramento Bill Busath (Alternate – Brett Ewart), County of Sacramento/Sacramento County Water Agency Don Nottoli (Alternate – Forrest Williams Jr.), Elk Grove Water District/Florin Resources Conservation District Mark Madison (Alternate – Bruce Kamilos), Agricultural Interests Tom Mahon (Alternate – Lindsey Liebig), Agricultural-Residential Carl Werder (Alternate – Suzanne Pecci), Commercial/Industrial Self-Supplied Rob Aragon, Conservation Landowners Ted Rauh (Alternate – Barbara Evoy), Public Agencies Self-Supplied Christine Thompson (Alternate – Ward Winchell), Omochumne-Hartnell Water District Michael Wackman (Alternates – Mark Stretars, Mark Wilson), Rancho Murieta CSD Tom Henning (No Alternate), California-American Water Company Evan Jacobs (Alternate - S. Audie Foster), Sacramento Regional County Sanitation District Dave Ocenosak (Alternate - Jose Ramirez), Golden State Water Company – Vice Chair Paul Schubert (Alternate – Travis Anderson)

AGENDA ITEMS

1. Call To Order And Roll Call

2. Public Comments

SECTION I - HEARING MATTERS

3. Authorize The Interim Executive Director To Amend Contracts With Larry Walker Associates And Woodard & Curran For Groundwater Sustainability Plan Completion

   • Contracts For Services To Develop The Groundwater Sustainability Plan (GSP) For The South American Subbasin.

   Recommended Action: Authorize The Interim Executive Director To Enter Into Amended Contracts With Larry Walker Associates And Woodard & Curran To Complete The Proposition 1 And Proposition 68 Grant Scopes Of Work For GSP Completion.

SECTION II - SEPARATE MATTERS

4. Directors Comments

Upcoming Meetings –

Sacramento Central Groundwater Authority
Wednesday, October 14, 2020, 9:00 a.m.; Teleconference-Video

AGENDA ITEM 3: AMENDED CONTRACTS FOR GSP DEVELOPMENT

BACKGROUND:

At the March 11, 2020 meeting, the SCGA Board of Directors directed the Executive Director to enter into two contracts, with Larry Walker Associates (LWA) and Woodard & Curran (W&C), to implement the work plan for the Proposition 1 grant and complete a Groundwater Sustainability Plan for the South American Subbasin. While a scope of work that included work under the Proposition 86 grant was included in the March Board discussion, only the Proposition 1 portion of the work was approved, as the Proposition 68 grant agreement had not been executed with DWR.

In the staff report on the March agenda, the Executive Director noted:

> *As mentioned earlier the process to develop the hybrid approach has been fraught with challenges, not the least of which is having two different consultants working together on the same project under different contracts. Should difficulties occur in this arrangement staff would need to act as an arbiter between the two consultants. Given the amount of time provided to develop the hybrid approach there has not been sufficient opportunity to work through all these issues. It may be in the best interest of the Board and the basin to pursue a different approach.*

In fact, the project has faced obstacles due to lack of clarity of responsibility among the two consultants and inefficient project management resulting from the split of work among multiple firms. The timing of the need to amend the contracts to accommodate the Proposition 68 scope and budget, aligns well with a need to assess project progress and add contract clarity.

Following discussions with the other four GSA managers in the SASb and a project review session held August 17, 2020, staff has developed a recommended scope and budget for the combined Proposition 1 and Proposition 68 GSP development project. The amended scope reflects the following modifications:

- LWA is more clearly identified as having the primary responsibility for completing the GSP on time and within the budget and for leading the consultant team.
- Although under separate contract, W&C is responsible for specific GSP activities that include integrated modeling, preparing the Basin Setting

Chapter, updating the SCGA data management system and developing a website for public outreach.

- Similarly, Strategy Driver, Inc. and HDR as subconsultants to W&C have specific responsibilities for facilitation and financing respectively.
- The Proposition 68 task to conduct technical studies on groundwater dependent ecosystems and surface water depletion will not be initiated until a more detailed work plan is developed and approved.

The proposed contract amounts for the two consultants are LWA - $1,469,666 and W&C - $1,346,877. Staff and LWA are still working with the Northern Delta GSA to identify a scope of work for which they can provide in-kind services pursuant to the GSP development MOU. If such work is identified, it will be under the general direction of LWA, and LWA budget will be reduced accordingly.

STAFF RECOMMENDATION:

Authorize the Interim Executive Director to enter into amended contracts with Larry Walker Associates and Woodard & Curran to complete the Proposition 1 and Proposition 68 grant scopes of work for GSP completion.

Exhibit B

South American Subbasin Groundwater Sustainability Plan: Fee proposal estimate (August 28, 2020)											
Task Descriptions W&C (refer to scope of work for complete description)	**Task Descriptions LWA (refer to scope of work for complete description)**		**Larry Walker & Associates**			**Total LWA**	**Woodard & Curran, Inc.**			**Total W&C**	**Estimated Fee Proposal**
			LWA	**KJ**	**SEI**		**WC**	**Ellen Cross**	**HDR**		
Task 1. Project Management	**Task 1. Project Management**										
• Report and document progress and budget status • Prepare quarterly reports for submission to the DWR • Provide technical review and QA/QC of W&C project deliverables	• Report and document progress and budget status • Prepare quarterly reports for submission to the DWR • Provide technical review and QA/QC of LWA project deliverables	Task Subtotal	$35,922			$35,922	$37,124			$37,124	**$73,046**
Task 2. Stakeholder communication and Engagement	**Task 2. Stakeholder communication and Engagement**										
•Finalize draft C&E Plan • Conduct Outreach gap analysis • Prepare for and attend ◦ GSPWG: Workshops (21 Workshops) ◦ GSA Board Meetings:(5 Meetings) ◦ Public Workshops: (4 workshops) • Document outreach activities • Develop, host, and maintain GSP website	• Support Stantec and W&C Team in finalizing draft C&E Plan • Prepare for and attend ◦ GSPWG: Meetings or SMC Workshops (21) ◦ GSA Board Meetings:(5 Meetings) ◦ Public Workshops: (4 workshops)	Task Subtotal	$162,480			$162,480	$116,616	$222,000		$338,616	**$501,096**
Subtask 3.1: Subbasin Description	**Subtask 3.1: Subbasin Description**										
• Develop subbasin description and related maps (land use, well density, relevant boundaries, etc.) • Write subbasin description GSP section		Task Subtotal				$0	$31,584			$31,584	**$31,584**
Subtask 3.2: Hydrogeologic Conceptual Model	**Subtask 3.2: Hydrogeologic Conceptual Model**										
• Develop a Hydrogeologic Conceptual Model (HCM) including setting minimum thresholds and management objectives, construction of the water budget, providing data for numerical groundwater modeling, exploring future conditions, and understanding surface water-groundwater interactions • LWA to provide sections for the GDE and surface water depletion analysis	Provide information to W&C based on work performed under Prop 68 grant Task c-1	Task Subtotal				$0	$70,040			$70,040	**$70,040**
Subtask 3.3: Current Groundwater Conditions	**Subtask 3.3: Current Groundwater Conditions**										
• Compile information, visualize, and document groundwater elevation and quality data for current conditions	Support W&C with data from Cosumnes corridor	Task Subtotal				$0	$54,152			$54,152	**$54,152**
Subtask 3.4: Data Management System	**Subtask 3.4: Data Management System**										
• Update existing HydroDMS to Opti DMS platform • Update Opti with recent data, annual reporting tools, and groundwater model result visualizations • Perform user training and support outreach		Task Subtotal				$0	$75,328			$75,328	**$75,328**
Subtask 3.5: Numerical GW SW Model Update Selection	**Subtask 3.5: Numerical GW SW Model Update Selection**										
• Task completed - CoSANA model selected		Task Subtotal				$0	$0				**$0**
Subtask 3.6: Update of Model Calibration and Future Conditions Baseline	**Subtask 3.6: Update of Model Calibration and Future Conditions Baseline**										
CoSANA model under development is intended for GW banking. Additional features to be added as follows. These features are to be funded by Prop 1 (Task 3.6) and Prop 68 (Task a-1) • Refine model with local data (GSA-specific data, Cosumnces River Corridor data, fish farm operations, northern Delta area information, remediation operations, model layers, and interbasin flows) • Perform model calibration • Develop current and projected baselines and projected conditions baseline with climate change • Perform model scenarios to evaluate subbasin sustainability condition	Provide information to W&C based on work performed under Prop 68 grant Task c-1	Task Subtotal				$0	$168,368			$168,368	**$168,368**
Subtask 3.7 Water Budget	**Subtask 3.7 Water Budget**										
• Estimate sustainable yield of the basin • Develop water budgets for historical, current, and projected conditions per GSP regulations	Provide information to W&C based on work performed under Prop 68 grant Task c-1	Task Subtotal				$0	$86,280			$86,280	**$86,280**
Subtask 4.1: Sustainability Management Criteria	**Subtask 4.1: Sustainability Management Criteria**										
• LWA will perform this task • Support SMC decision making with model simulations (Task c-3 of Prop 68 work plan)	• Provide direction and technical support for SMC workshops with GSPWG • Review applicability of existing BMOs for purposes of establishing SMCs • Include additional SMCs to address SW/GW and GDE issues (based on work performed under	Task Subtotal	$64,060			$64,060	$0			$0	**$64,060**
Subtask 4.2: WRMPs, Land Use Plans, and	**Subtask 4.2: WRMPs, Land Use Plans, and**										
• LWA to perform this task	• Develop matrix of existing constraints (WRMPs, land use plans, remediation sites, agreements, etc.) that must be considered in GSP development • Perform institutional and policy evaluation of recommended changes in proposed SMCs	Task Subtotal:	$27,274			$27,274	$0			$0	**$27,274**
Subtask 5.1: Additional Management Actions	**Subtask 5.1: Additional Management Actions**										
• LWA to perform this task	• Summarize existing and planned projects and actions, including current conjunctive use operations • Develop alternative management scenarios with stakeholder input for consideration in the SMC development process • Evaluate consistency of new mangement alternatives with stakeholder investments and program operations currently taking place in the subbasin	Task Subtotal	$40,588		$36,612	$77,200	$0			$0	**$77,200**
Subtask 5.2: Project Actions in Cooperation with Groundwater Clean-up Agencies	**Subtask 5.2: Project Actions in Cooperation with Groundwater Clean-up Agencies**										
• LWA to perform this task	• Identify projects and actions taking place or that can be taken in cooperation with groundwater remediation agencies to keep extracted water in the SAS. • Evaluate alternative/optimized uses for remediated groundwater and feasibility level analysis of costs and regulatory and permitting challenges	Task Subtotal	$13,568	$13,440		$27,008	$0			$0	**$27,008**
Subtask 5.3: Regional/Interbasin Coordination	**Subtask 5.3: Regional/Interbasin Coordination**										
• LWA to perform this task	• Perform a legal and policy evaluation to address the nature and methods of coordination with adjacent subbasins • Provide technical information for use in regional/interbasin coordination meetings (portions of this task rely on work performed under Prop 68 tasks c-2 and c-3)	Task Subtotal	$87,728	$26,000	$29,068	$142,796	$0			$0	**$142,796**
Subtask 6.1: Monitoring Network Assessment	**Subtask 6.1: Monitoring Network Assessment**										

• Analyze up to two (2) modeling scenarios in Prop 68 Task c3	• Compile information regarding existing monitoring wells and stream gages for consideration for use in the monitoring network for proposed SMCs • Prepare monitoring network options for consideration in the SMC development process (portions of thistask rely on work performed under Prop 68 tasks c-2)	Task Subtotal	$66,896			$66,896	$0			$0	$66,896
Subtask 7.1: GSP Rate Study	**Subtask 7.1: GSP Rate Study**										
This is to be conducted by HDR under the direction of SCGA	• Provide cost estimate spreadsheets for agreed-upon management actions in Task 5 and long term monitoring costs to HDR	Task Subtotal	$6,368			$6,368	$0		$100,000	$100,000	$106,368
Subtask 8.1: GSP Preparation and Process Documentation	**Subtask 8.1: GSP Preparation and Process Documentation**										
• LWA to perform this task	California Code of Regulations requirements • For Chapter 2 (Basin Setting), coordinate with Woodard and Curran to receive Task 3 deliverables for use in preparing the draft	Task Subtotal:	$8,264	$109,600		$117,864	$0			$0	$117,864
Subtask 9.1: Draft Annual Report Template	**Subtask 9.1: Draft Annual Report Template**										
• LWA to perform this task	•Develop a draft template for annual reporting to bring together data management tools and reporting responsibilities of member agencies	Task Subtotal:	$16,824			$16,824	$0			$0	$16,824
PROP 1 TOTAL	**PROP 1 TOTAL**		**$529,972**	**$149,040**	**$65,680**	**$744,692**	**$639,492**	**$222,000**	**$100,000**	**$961,492**	**$1,706,184**

Task a. Grant Administration	**Task a. Grant Administration**										
• Prepare quarterly reports for submission to the DWR	• Prepare quarterly reports for submission to the DWR	Task Subtotal:				$0	$0			$0	$0
Task b. Stakeholder Outreach	**Task b. Stakeholder Outreach**										
• SDI to provide workshop facilitation to support the GDE and SW depletion working group for up to eight (8) workshops • W&C to prepare and participate up to eight (8) workshops to assist LWA	• Work with SDI to develop and implement up to eight (8) workshops with a GDE and SW depletion working group • Prepare technical information in support of up to eight (8) workshops (supported by work perfomed under Prop 68 Tasks c-2 and c-3)	Task Subtotal:	$94,670			$94,670	$44,780	$40,000		$84,780	**$179,450**
Task c-1. CoSANA model development assistance	**Task c-1. CoSANA model development assistance**										
• Perform model development and calibration tasks as outlined under task 3.6 of Prop 1 workplan.	• Coorinate in the development of CoSaNa model	Task Subtotal:	$50,000			$50,000	$70,000			$70,000	**$120,000**
Task c-2. GDE and Surface Water Depletion Technical Studies	**Task c-2. GDE and Surface Water Depletion Technical Studies**										
Subtask 2a. Prepare work plan	**Subtask 2a. Prepare work plan** Prepare work plan		$30,000			$30,000	**$5,000**			$5,000	**$35,000**
Subtask 2b. Conduct studies following notice to proceed	**Subtask 2b. Conduct studies following notice to proceed**										
• Conduct modeling scenarios to support LWA in analysis of GDE and surface water depletion studies	• Develop and perform special studies to address SW/GW interactions and GDEs in support of decision points for differeent SMC and management actions. • Technical studies will include: 1)an inventory and GIS-mapping of GDEs and river/stream reaches within the SAS and along adjacent subbasin boundaries. 2)a literature search of the impact of changing GW elevations on GDEs and SW depletions. 3)an evaluation of how published data sets can be used to evaluate and quantify changes in GDEs and SW depletions, in concert with information derived from CoSANA model runs. 4)detailed analysis identifying GDEs and interconnected GW/SW reaches in the SAS and relationships with GW elevations and storage (2005-2018) 5) map of features with verifiable hydraulic GW connection 6)field data veerification of connected and disconnected reaches	Task Subtotal:	$241,784		$35,592	$277,376	$65,517			$65,517	**$342,893**
	Work to be conducted by Freshwater Trust on behalf of NDGSA cost share		$88,248			**$88,248**					**$88,248**
Task c-3. Model Runs and Reporting	**Task c-3. Model Runs and Reporting**										
Subtask 3.a. Develop modeling scenarios	**Subtask 3.a. Develop modeling scenarios**										
	• Develop management scenarios, based on stakeholder input, for evaluating the effects of SMC and management actions for protection of GDEs and interconnected surface waters.		$25,000			**$25,000**	$10,000			**$10,000**	**$35,000**
Subtask 3.b. Conduct modeling following notice to proceed	**Subtask 3.b. Conduct modeling following notice to proceed**										
• Identify and perform up to six (6) model scenarios to support SMC development • Perform up to four (4) scenarios for analysis of projects and management actions • Perform up to two (2) scenarios for analysis of monitoring network • Report model results and implications of modeling scenarios conducted	Presentation materials will be developed for the GSPWG and public audiences for the following: 1)Technical evaluations of existing GDEs and SW depletions in the SAS 2)Surface Water WG and Adjacent Subbasin Coordination meeting summaries related to SMC development, management actions and monitoring of GW, GDEs and SW. 3)Forecasted changes to GDEs and SW depletions based on management scenario results, from both empirical data analysis outputs and CoSANA model runs	Task Subtotal	$124,480	$35,200		$159,680	$150,088			$150,088	**$309,768**
PROP 68 TOTAL			**$654,182**	**$35,200**	**$35,592**	**$724,974**	**$345,385**	**$40,000**	**$0**	**$385,385**	**$1,110,359**
Total			**$1,184,154**	**$184,240**	**$101,272**	**$1,469,666**	**$984,877**	**$262,000**	**$100,000**	**$1,346,877**	**$2,816,543**

Project Management and Administration	$35,922	$0	$0	$35,922	$37,124	$0	$0	$37,124	**$73,046**
Stakeholder Outreach Meeting Attendance	$257,150	$0	$0	$257,150	$161,396	$262,000	$0	$423,396	**$680,546**
Technical Work	$891,082	$184,240	$101,272	$1,176,594	$786,357	$0	$100,000	$886,357	**$2,062,951**
Total	**$1,184,154**	**$184,240**	**$101,272**	**$1,469,666**	**$984,877**	**$262,000**	**$100,000**	**$1,346,877**	**$2,816,543**

South American Subbasin

Groundwater Sustainability Plan Development

Combined Scope of Work

August 28, 2020

The overriding assumption in this work plan is that the South American Subbasin GSAs have requested the services of both Larry Walker Associates (LWA) and Woodard & Curran (W&C) to assist in preparation of a Groundwater Sustainability Plan (GSP) that meets SGMA requirements and builds off previous work conducted by SCGA and others. LWA and W&C and their respective subconsultants will be contracted separately to conduct elements of this combined Scope of Work as identified below.

LWA was selected to have primary responsibility for completion of a GSP on a schedule that provides for adoption and submission by the January 2022 deadline and fully complies with legislative and regulatory requirements of SGMA. This will include close coordination with LWA subconsultants Kennedy-Jenks (KJ) and Stockholm Environmental Institute (SEI) and the W&C team that includes Strategy Driver, Inc. and HDR. LWA will be expected to meet the requirements and schedule for developing the GSP in an effective and efficient manner.

LWA has primary responsibility for the completeness and schedule for the overall project and should promptly communicate any delays or project challenges whether related to the LWA scope, W&C scope, SCGA staff activities, the GSP Working Group, or the individual GSAs of the SASb.

W&C and its subconsultants were added to the project team under separate contract to access specific expertise and experience, as follows:

- W&C was selected to access expertise and experience in development of the integrated groundwater and surface water model and associated knowledge of subbasin hydrogeology gained through past projects and studies, including experience with the Water Forum basin yield assessment and groundwater management plan. Additionally, W&C expertise and experience will support the development and maintenance of a project website and update of the Subbasin data management system.

- Strategy Driver, Inc. (SDI) has been engaged with the SCGA and other regional stakeholders in development of the strategic plan. SDI has been invited to lead the stakeholder outreach and facilitation services for the GSP development.

- HDR, Inc. has been working on the rate study for SCGA and is currently working with Sacramento County conducting rate studies for the County. Given their experience and expertise, HDR will be conducting the rate study for the GSP.

- Both SDI and HDR will work as subconsultants to W&C, however, they will both be communicating with the entire GSP consultant team and Groundwater Sustainability Plan Working Group (GSPWG) collaboratively.

For the purposes of this Scope of Work, task elements are provided below to address the scope of both SCGA Prop 1 and Prop 68 Work Plans. Completion of the two Grant Work Plan tasks may be done in parallel; however, task definitions and deliverables shall not overlap and all costs are to be captured and presented separately for purposes of state grant contract management.

This Scope of Work is provided as a combined scope, including both consulting teams and both grants, to ensure a comprehensive understanding and approach to the GSP project. Task responsibility is clearly presented below for each consultant team or subconsultant specifically. While this Scope of Work is intended to provide clarity in responsibility for the tasks, **any activities needed to meet the schedule and regulatory requirements, if not explicitly stated below, will be the responsibility of LWA to complete.**

Some tasks and subtasks below must be authorized in writing by the SGCA Contract Manager (by email) prior to starting work or expending budget resources. If not specifically stated otherwise, tasks are authorized upon contract execution by both parties or written notice to proceed by the SCGA Contract Manager.

LWA responsibilities are identified below by **name in Bold** and also in Times New Roman font. W&C (and subconsultant) tasks are identified by name and in *Arial italic* font. Joint tasks or clarifying text are in Arial non-italic font. The budget table (Exhibit B) is an integral part of this Scope of Work

PROPOSITION 1 SCOPE OF WORK

TASK 1. PROJECT MANAGEMENT/ADMINISTRATION

The **LWA** team will assist with Project Management and Administration. The LWA Team will adhere to and support SCGA in compliance with required business practices of a state grant agreement, per Appendix D: Guidelines for Grantees in the October 2015 Proposition 1 Sustainable Groundwater Planning Grant Program Guidelines (2015 Prop 1 Grant Guidelines). This will include preparing and maintaining records and assisting SCGA and DWR in clarifying and resolving any issues that arise during implementation of the Project. This will include support to SGCA in preparing DWR quarterly progress and accountability reports and the Project and Grant Completion Reports

In addition, project management tasks to be conducted under this task include regular conference calls with SCGA and LWA Team members, coordination with SGCA and other consultants in tracking project and budget status, and preparation of monthly invoices. LWA will develop and maintain a detailed project schedule throughout the duration of the project.

***W&C** will provide appropriate documentation and reporting to ensure that SCGA has the W&C portion of the information required for grant administration This will include preparing and maintaining records, and assisting SCGA and DWR in clarifying and resolving any issues that arise during implementation of the Project for the portion of the work that the W&C team is responsible for in the completion of this scope of work.*

Subtask 1.1. Grant Management

LWA will provide SCGA with documentation and reporting on the progress and project budget status for the LWA portion, including all subconsultants, of the GSP contract for inclusion in quarterly reports to DWR. LWA monthly invoices and progress reports will be submitted to SCGA directly. Monthly invoices shall include the following: 1) the total charges for the invoice period, the total charges for the contract to date, and the remaining contract budget; 2) a summary of the work completed during the invoice period; 3) a comparison of the percent complete of each task relative to the budget expended and budget remaining and a description of the reasons for any discrepancies; 4) daily logs of hours charged by each staff person describing the work conducted; and 5) a summary by staff person of the total hours charged and dollar cost. Similar level of detail should be provided for each subcontractor invoice.

***W&C** will provide SCGA with documentation and reporting on the progress and project budget status for the W&C portion, including all subconsultants, of the GSP contract for inclusion in quarterly reports to DWR. W&C monthly invoices and progress reports will be submitted to SCGA directly. Monthly invoices shall include the following: 1) the total charges for the invoice period, the total charges for the contract to date, and the remaining contract budget; 2) a summary of the work completed during the invoice period; 3) a comparison of the percent complete of each task relative to the budget expended and budget remaining and a description of the reasons for any discrepancies; 4) daily logs of hours charged by each staff person describing the work conducted; and 5) a summary by staff person of the total hours charged and dollar cost. Similar level of detail should be provided for each subcontractor invoice.*

Subtask 1.2. Proposal Solicitation Package Preparation

This task has been completed, and no consultant services are needed.

Subtask 1.3. Agreements

SCGA staff will lead this task and no consultant services are needed.

Subtask 1.4. Quality Assurance/Quality Control

LWA will work collaboratively with SCGA to develop a QA/QC plan for all LWA team work products. LWA will provide technical review of all work products that are prepared by the LWA team, as well as editorial review of work products by others. This internal QA/QC will provide additional review and expertise to the project deliverables to ensure they meet the expectations of the participants and stakeholders, and adequately meet DWR's Prop 1 and Prop 68 Grant Guidelines. This will be conducted by senior level staff.

W&C *will work collaboratively with SCGA to develop a QA/QC plan for all W&C team work products. W&C will provide technical review of all work products that are prepared by the W&C team. This internal QA/QC will provide additional review and expertise to the project deliverables to ensure they meet the expectations of the participants and stakeholders, and adequately meet DWR's Prop 1 and Prop 68 Grant Guidelines. This will be conducted by senior level staff.*

Task 1 Deliverables (LWA)

- Monthly Progress reports and quarterly reports in the preapproved templates
- Monthly invoices no later than the last day of the month following the invoice period.

Task 1 Deliverables (W&C)

- *Monthly Progress reports and quarterly reports in the preapproved templates*
- *Monthly invoices no later than the last day of the month following the invoice period.*

TASK 2. STAKEHOLDER COMMUNICATION AND ENGAGEMENT

This task will be led by SDI, under contract with W&C through completion of the Communication and Engagement Plan and establishment of the GSPWG.

LWA will lead this task during implementation of the C&E plan and coordinate closely to ensure that communication and engagement is aligned with the overall project objectives and schedule.

Subtask 2.1. C&E Plan Development

This task was partially completed by Stantec under SCGA's Facilitation Support Services contract with DWR.

SDI *will coordinate with Stantec and SCGA to review and finalize the draft C&E Plan.* ***W&C*** *will provide graphics, formatting and editing support to publish the C&E Plan.*

Subtask 2.2. C&E Plan Implementation

A stakeholder C&E Plan was partially developed by Stantec under contract with CDWR, based on directions from SCGA and on behalf of the GSPWG. C&E Plan development included surveys and interviews with stakeholders, and provides guidance on the number and frequency of meetings and workshops with the GSPWG, stakeholders, GSA Boards, and public at large, as well as type and frequency of interactions and engagement with the Disadvantaged Communities (DAC), and other interested parties as recommended by DWR guidelines.

The **LWA** Team will coordinate with Strategy Driver and W&C to develop an engagement process to address critical GSP topics including:

- Developing and implementing Sustainable Management Criteria "workshops" hosted by the GSP Work Group, including participation in preparatory meetings and the workshops.
- Developing and implementing meetings of other ad hoc work groups recommended by LWA Team and deemed necessary by the GSP work group
- Providing technical information and GSP work products to support public outreach meetings
- Coordinate with Contractor performing website activities including but not limited to scheduling of meetings and posting of meeting and public outreach materials.

***SDI** will support this task under contract with W&C. **W&C** will provide technical resources to support the implementation of the Communication and Engagement (C&E) Plan as needed. The following work will be conducted by the W&C team under this subtask:*

- ***SDI** will conduct a gap analysis for the C&E Plan and will document additional information to be included in finalizing the C&E Plan.*
- ***W&C** will develop the GSP website and work with SDI and GSAs for development of initial content for the website, as appropriate. The GSP website will be hosted by W&C during the development of the GSP and will be accessible by a link from each of the respective GSAs websites. The website will include the following minimum requirements:*
  - *Centralized portal for accessing all GSP activities and public materials,*
  - *Calendaring features to set up public meetings, notify all interested parties, and convey meeting materials*
  - *Serve as an archive for all GSP development reporting actions, and*
  - *Produce public outreach and engagement summary reports included as part of the DWR progress reports and as an appendix to the final GSP.*

Upon completion of the C&E Plan, **LWA** will lead the consultant team in implementation of the C&E Plan, *with facilitation support from **SDI** and technical support from **W&C**.*

This includes preparation and attending meetings and workshops through the duration of the projects:

- GSPWG: Monthly Workshops (21 Monthly Workshops)
- GSA Board Meetings:(5 Meetings)
- Public Workshops: (4 workshops)

Subtask 2.3. C&E Plan Documentation

LWA will document C&E Plan implementation for inclusion in the GSP. LWA will maintain all documentation of GSPWG meetings and public workshops including presentations, agendas and meeting summaries.

Subtask 2.4. Facilitation Services

***SDI** will facilitate all workshops and meetings as defined in subtask 2.2.*

LWA will provide the meeting logistics, agenda development, communication with working group members, note taking, preparation of minutes, and preparation of summary notes for use on the website

Subtask 2.5. GSA Coordination

LWA has primary responsibility for coordinating the project with the five SASb GSAs through the GSPWG.

***SDI** will assist LWA with GSA coordination (up to 4 hours per month).*

Task 2 Deliverables (LWA)

- Outreach Documentation to be included in the GSP
  - List of interested parties
  - Summary of notifications and communications performed
  - List of public meetings held
  - Meeting action summaries and minutes
  - GSP comments and responses

Task 2 Deliverables (W&C)

- *Final C&E Plan*
- *Website design and maintenance*

Task 2 Assumptions

- Modifications to GSA websites to provide a link to the GSP website will be the responsibility of the individual GSAs. W&C will provide a link that can be incorporated into their own website.
- W&C and LWA time for meetings and workshops includes time for appropriate staff to attend meetings/workshops. Time to prepare technical material and presentation slides are included in the respective technical tasks and not the outreach tasks.

TASK 3. BASIN SETTING

Subtask 3.1. Subbasin Description

***W&C** will develop the subbasin description, including updating all relevant maps and descriptions of the subbasin included in the Groundwater Management Plan (GMP) to reflect GSP Regulations (§ 354.8(a) through (g)) by providing maps showing the South American Subbasin (SAS), overlying jurisdictional boundaries, GSAs, general plans, and adjacent subbasins. Land and water use maps will be updated to reflect current water use sectors and water source types for differing hydrologic conditions under conjunctive use operations. A well density map will be included, using state-supplied resources, showing wells per square mile, including "agricultural, industrial, and domestic wells" and "de minimis extractors."*

***W&C** will also develop the associated subbasin description text, in a format that can be incorporated directly into the GSP. Included will be plain language descriptions of land use and applicable general plans (§354.8(f)(1) through (5)). Descriptions provided in the 2006 SCGA GMP will be updated to the extent data is made available by local land use agencies.*

LWA will coordinate and collaborate with Woodard and Curran to support the completion of the Basin Setting subtasks, including providing data and information from the Cosumnes area to support the development of the Hydrogeologic Conceptual Model, Water Budget and CoSANA model refinement.

*Timely completion of the GSP is contingent upon receipt of draft Chapter 2 from **W&C** by November 2020, not including the GDE and surface water elements that are responsibility of LWA.*

Subtask 3.2. Hydrogeologic Conceptual Model

The Sustainable Groundwater Management Act (SGMA) requires development of a Hydrogeologic Conceptual Model (HCM) to provide a firm foundation for establishing the interrelationship of hydrologic and water management factors including setting minimum thresholds and management objectives, construction of the water budget, providing data for numerical groundwater modeling, exploring future conditions, and understanding surface water-groundwater interactions. The HCM produced by this effort will conform closely with the guidance provided by DWR's Hydrologic Conceptual Model Best Management Practices (BMP).

The HCM will build on previous efforts of SCGA to define aquifers and flow paths as part of SacIWRM model development, and the information available from the current integrated model development efforts. The HCM will also inform the refinement of certain features in the integrated model, including the aquifer characterization, model layering, and stream-aquifer interaction. The HCM to be developed for the GSP will expand on these efforts, and the numerical modeling will be refined and adjusted as warranted.

Construction of a Data Management System (DMS, Task 3.4) will be central to development of the HCM and Groundwater Conditions sections as well as providing the foundation for other GSP-related activities such as the water budget and management of inputs and outputs for numerical models. In addition to supporting development of the GSP, the data storage, analysis, visualization, and reporting features of the DMS can be used to facilitate coordination with neighboring GSAs and to support long-term SGMA compliance after completion of the GSP.

Many activities are required to complete this task successfully such as collecting existing data and reports, data aggregation, data management, analysis, and report preparation activities. The HCM will correlate groundwater levels
to principal aquifers, display well locations and construction details, evaluate water quality information, and evaluate the quality of this information for understanding the flow system.

Hydrogeologic cross-sections and three-dimensional renderings of the groundwater conditions will be developed for representative areas of the SAS. Visual tools are required to communicate highly technical data, information, and analysis to the stakeholder, public, and non-technical audience.

Existing typical cross-sections from previous studies are complicated, and do not include all well information available. Using the existing cross-sections will not provide a complete understanding of the horizontal and vertical position of the aquifers and the groundwater flow and quality conditions in each. Improved visualization tools are required to establish a common understanding among all stakeholders within the basin for informed decision making regarding sustainable groundwater management actions and projects.

***W&C** will develop an updated Hydrogeologic Conceptual Model (HCM) based on the HCM previously developed by SCGA in their GMP, with the exception of the sections noted below.*

The HCM will include the items required by §354.14, where relevant to the SASb.

LWA will develop the groundwater dependent ecosystem subsection of the HCM and the interconnected surface water subsection of the HCM, which will be added to the Draft HCM when technical studies are underway.

***W&C** will address two rounds of comments on the HCM (first round from the GSPWG and second round from the public).*

Subtask 3.3. Current Groundwater Conditions

***W&C** will collect and compile readily available groundwater elevation and water quality data at least since 2005 to assemble a determination of groundwater conditions over the period from 2005 to 2018. Results will provide spatial and temporal trends in data, and will be presented in the form of hydrographs and groundwater elevation contour maps.*

LWA will provide additional data specific to the Cosumnes River Corridor and Omochumne-Hartnell Water District area as a part of Proposition 68 tasks LWA will provide summaries of water quality information and subsidence information for incorporation into the Groundwater Conditions section of the GSP.

Subtask 3.4. Data Management System

Groundwater data management and reporting are essential elements of SGMA implementation. To help the SASb meet SGMA data management needs, the existing HydroDMS Data Management System (DMS) will be updated to the new platform (Opti DMS) to collect, store, organize, search, visualize, share and report essential groundwater data.

***W&C** will complete the following activities under this Subtask:*

- ***Upgrade and configure the existing HydroDMS to the latest Opti DMS platform:** The enhanced DMS will be configured to the SASb requirements and will include comprehensive user permissions and data access settings, currently available data types in the HydroDMS, data input and import tools, quality control tools, mapping and data visualization capabilities, and reporting and query functionality.*
- ***Update the existing data:** The data in the HydroDMS will be updated to include recent available data. The data collected through other tasks will be organized and imported to the DMS and reviewed to ensure successful importation.*
- ***Visualization of groundwater model results:** Model outputs and results will be loaded and visualized in the DMS for data sharing and analysis. These results may include time series data, shapefiles, or links to processed results in graphical formats.*
- ***Annual Reporting Tools:** The Opti DMS will be configured to produce reports on data and summary reports to allow for streamlined annual reporting to DWR.*
- ***Groundwater Sustainability Dashboard:** A groundwater sustainability dashboard will be implemented to publish the subbasin's sustainability progress as it relates to the sustainable management criteria. The dashboard will contain graphical and visualization tools with the ability to drill down on specific data. The dashboard will help facilitate information sharing on the SAS's progress in a way that is easy to understand, as well as support reporting and decision making for water managers and the GSAs.*

- ***Perform user training and support outreach**: Training materials will be developed and provided to the GSAs, and a hands-on training will be provided to demonstrate the functionality of the DMS and how the data will be updated on an ongoing basis. User accounts and permissions will also be configured. Presentations will be provided to help stakeholders understand how the DMS will be used and managed.*

Subtask 3.5. Numerical Groundwater Surface Water Model Update Selection

This task has been completed. CoSANA model has been selected. No consultant services are needed for this task.

Subtask 3.6. Update of Model Calibration and Baseline Development

***W&C** will lead this task.*

LWA will provide staff to be involved in the frequent model development and calibration meetings to provide feedback and comments, as appropriate. Additionally, LWA will provide data and information on groundwater, surface water, and surface water/groundwater interaction within the Cosumnes River corridor for inclusion in the model.

The following subtasks will be performed by W&C with support by LWA as appropriate:

3.6.1 Numerical Model Refinement

***W&C** will update and calibrate the numerical integrated model and develop baselines. The current scope of work for development of the regional integrated model includes development of the model framework, mapping and porting the data in the existing model, updating the readily available data, and calibration of the model for regional groundwater banking purposes.*

The workplans in the Proposition 1 and Proposition 68 were developed prior to the development of the regional integrated model. As such, the workplans do not reflect the current status of the model development and the specific features that are currently identified and needed for the integrated model to meet the needs of the SAS GSP. These features have been identified over the past 6-12 months during the development of the regional model and as data and information has become available and the needs for additional features have been identified for various parts of the model, including the SAS area.

As part of the SAS GSP model update tasks, special attention will be placed in the areas to the south near Cosumnes River, the Delta, and the eastern boundaries. In addition, stream-aquifer interaction, interbasin flows, and conditions specific to each GSA will be given special attention during the model development and calibration process. Further, as part of application of the model for GSP development, baselines will be developed to represent current conditions, projected conditions, and projected conditions with climate change.

Specific tasks for integrated model refinement include:

1. ***Cosumnes River Corridor Data:** Refinement of data near the Cosumnes River, based on data to be provided by UC Davis, which may include the following*
   a. *GDE information*
   b. *GW level records*
   c. *Stream geometry and rating tables*
   d. *Streamflow data*
   e. *Streambed hydraulic parameters*

2. ***GSA Specific Data:** Incorporate improved data within the SAS related to hydrology, hydrogeology, land use, groundwater and surface water use. This piece will focus on:*
   a. ***OHWD Area-** Refinement of model data sets for the OHWD GSA, which may*

include land use and cropping patterns, riparian vegetation coverage and water use information, ag operations, agricultural demand estimates, tailwater management and operation, agricultural water reuse operations, groundwater well locations, groundwater extraction and use estimates, surface water diversion and delivery data, use of flashboard dams and impacts on recharge and streamflow, Managed Aquifer Recharge (MAR) operations, and stream-aquifer interaction,

b. ***Sloughhouse RCD-*** *Refinement of the model data sets for the Sloughhouse area, which may include land use, cropping patterns, and agricultural and rural water supply operations, as well as water supply sources.*
c. ***North Delta GSAs-*** *Refinement of the model in the Delta areas, which may include land use, topography, agricultural water demand estimates and water use, and Delta-GW interaction and stratigraphy.*

This item will be conducted in a collaborative manner and environment with the GSAs to prioritize modeling features based on the data and information available.

3. ***Model Layering:*** *Redefining the model layering in the SASb based on the HCM information*

3.6.2 Model Calibration Update for GSP

W&C *will perform model calibration for purposes of GSP application. Additional calibration target wells, GSP specific calibration information and statistics will be developed. Calibration will be in an open and transparent environment with collaboration with the stakeholders, the GSAs and the GSPWG. As such, calibration process and results will be presented to the GSAs and comments will be incorporated. Automated calibration tools will be used to fine-tune the calibration and assess the sensitivity of the model to selected parameters and data. Model calibration will be finalized and documented. In specific, the following will be performed:*

1. ***Calibration Network Refinement:*** *Refinement of calibration well network specifically for calibration for GSP application; verifying the calibration and use for SGMA compliance*
2. ***Texture-Based Calibration:*** *Incorporation of DWR texture data in the SAS portion of the model for calibration; Setting pilot points for texture-based calibration*
3. ***Automated Calibration Update for GSP, and Predictive Uncertainty Analysis:*** *Updating manual and automated calibration for texture-based calibration; calibrating model for GSA level water budgets, GW levels at targeted calibration wells, stream-aquifer interaction, remediation operations, delta conditions, and interbasin flows.*

Subtask 3.7. Water Budget

W&C *will use the RWA led CoSANA modeling platform for analysis of water budgets per GSP Regulations (§354.14). The CoSANA model will be used to develop water budgets for the historical, current, and projected conditions. In addition, the integrated model will be used to assess the appropriate sustainable yield for the Subbasin. Model results will be used as the initial basis for the required water budget elements. These results may be further refined based on available information, as necessary. Technical supporting documents will include sufficient resolution to determine losses and gains to the subbasin by pumping and recharge sources and subsurface inflow/outflows along each boundary feature (e.g., river, mountain front, water body, jurisdictional boundary, etc.). Data gaps or recommended improvements to the water budget will be noted for subsequent GSP updates and model improvements. In specific, the following will be accomplished:*

Water Budgets *to meet GSP regulatory requirements for:*

- *Historical Conditions*
- *Current Conditions*
- *Projected Conditions*
- *Projected Condition with Climate Change*

Sustainable Yield Estimation: W&C *will work with the GSPWG in an open and transparent process to estimate the sustainable yield of the basin. This process will build on the approach used by the Water Forum for estimation of the basin yield, and refined based on SGMA regulations, groundwater conditions, land and water use conditions, and current and projected operations of the groundwater Subbasin. This work will have overlap with Task 5 and may require some iterations as the SMCs are being developed. The approach will be presented and discussed with the GSPWG prior to implementation for development of the sustainable yield.*

Task 3 Deliverables (W&C)

- *Draft and Final Technical Memorandum (TM), suitable for inclusion in the GSP, including:*
    - *Subbasin Description*
    - *Updated Data Management System and description*
    - *Hydrogeologic Conceptual Model*
    - *Updated integrated model*
    - *Water budgets*
- *Summary documentation of the integrated model input/output datasets, calibration assumptions, and results for SASb as presented in the regional CoSANA model documentation.*

Task 3 Deliverables (LWA)

LWA will develop the groundwater dependent ecosystem subsection of the HCM and the interconnected surface water subsection of the HCM.

<u>Task 3 Assumptions</u>

- Review cycles by other consultants are assumed to be two weeks in duration.
- Comments provided by other consultants will be constructive, and all consultants will work cooperatively within the limits of their respective scopes of work to address comments to the best benefit of the GSAs
- Update of the DMS will be limited to available data. No cleaning or modification of the data will be performed to address data quality issues. Data with quality issues will not be incorporated into the DMS.

TASK 4. SUSTAINABLE MANAGEMENT CRITERIA

SCGA currently operates the SASb with a set of management criteria for each of the SGMA Undesirable Results (URs) using Basin Management Objectives (BMOs) from the SCGA GMP and is seeking to evaluate the adequacy of these criteria based on current groundwater conditions. Any proposed change in criteria will require: 1) technical evidence as to the basis for the change, 2) a detailed alternatives analysis with costs and timeframes to meet or exceed proposed management goals, and 3) agreements from participating local, state, and federal agencies to agree to specific actions and to respond in a timely manner to changing outcomes, if needed. SMCs will build on the existing BMOs. The existing BMOs will be reviewed for applicability and updated as needed to meet SGMA requirements. Additional SMCs will be developed to further address Undesirable Results. A portion of the budget for these subtasks shall be used for GSP preparation.

Subtask 4.1. Sustainability Management Criteria (SMC)

With facilitation support from SDI, the **LWA** Team will provide direction and technical support for a series of workshops hosted by the GSPWG to address the establishment of SMCs for the following Undesirable Results:

- Water Quality
- Subsidence
- Groundwater Levels
- Groundwater Storage

The SMC workshops will occur during normally scheduled meetings of the GSPWG and will be structured to provide information and alternatives to the GSPWG for their use in the development of preliminary recommendations for SMCs (i.e. minimum thresholds, measurable objectives, interim milestones) for each of the Undesirable Results listed above. Each workshop will address SGMA requirements, technical information describing local data and information, existing regulatory requirements, pertinent information describing beneficial uses and users, alternative options for SMCs, monitoring network considerations, management actions associated with alternative SMCs, and ramifications of alternative decisions in terms of GSP recommendations and commitments by the GSA. The workshops are intended to enable constructive dialog and input by the GSPWG and other stakeholders representing varied interests and beneficial uses. Preliminary determinations from the workshops will be utilized by the LWA Team in the development of draft Chapter 3 of the GSP.

LWA will also review the applicability and adequacy of the existing BMOs from the SGMA GMP for purposes of establishing SMCs as defined by SGMA and further described in the CDWR's SMC Best Management Practices.

***W&C** will provide modeling analysis support for up to six (6) model runs for this subtask, under its Prop 68, Task (c)3 scope.*

Subtask 4.2. WRMPs, Land Use Plans, and Agreements Affected by GSP Development

The **LWA** Team will develop a matrix describing existing constraints (WRMPs, land use plans, remediation sites, agreements, etc.) and associated challenges that must be considered in GSP development. SCGA staff will review this matrix and its outcomes will be incorporated into the SMC workshops and GSP development.

LWA will also perform an institutional and policy review of the stakeholder WRMPs, agreements and land use plans potentially affected by recommended changes in the sustainable management criteria. The purpose of this effort is to create transparency in the decision- making process by documenting why certain criteria may, or may not, be adopted because of conflicting WRMPs or land use policies taking place in the SAS. Policy, legal, and institutional challenges will be documented, with the product of this effort used for actions to be taken as part of GSP implementation.

Task 4 Deliverables (LWA)

- Summary and supporting technical analysis of the following, to be included in draft GSP chapter(s):
  - Recommended Sustainability Management Criteria, including
    - Sustainability Goal
    - Criteria for Undesirable Results
      - Minimum Thresholds
      - Measurable Objectives
  - Compilation and analysis of Existing Constraints (Plans and Agreements) Affecting or

Affected by GSP Development

Task 4 Deliverables (W&C)

- *Summaries of model results or inputs; review comments as presented in the regional CoSANA model documentation.*

TASK 5. MANAGEMENT ACTIONS

Existing Management Actions will be updated and enhanced according to the following sub-tasks to comply with SGMA requirements for GSP development. A portion of the budget for these subtasks will be used for GSP preparation.

Subtask 5.1. Additional Management Actions

The purpose of this task will be to revisit the long-term sustainable yield, minimum thresholds and measurable objectives developed under the Water Forum and determine their adequacy for purposes of developing a GSP. Since these values were negotiated by the Water Forum regional stakeholders, this process will require vetting of management criteria which affect stakeholder WRMPs designed and operated based on the Water Forum Agreement principles.

LWA Team will lead this task and will work with W&C to develop alternative management scenarios with stakeholder input for discussion and evaluation in the SMC workshop process.

SCGA's existing projects and management actions are identified in the 2006 GMP. Future projects and actions will be included in the GSP including a summary of existing and planned projects and actions, current conjunctive use operations, availability of surface water and recycled water, and a determination of the adequacy of these projects to meet projected water demands to 2045.

LWA Team will identify management actions which may affect existing stakeholder WRMPs (e.g., remediation, waste discharge, and water supply programs) designed and operated based on the Water Forum Agreement principles. The impact on existing and planned conjunctive use programs will be considered, along with provisions agreed-upon in the Water Forum Agreement and subsequent master plan documents with CEQA certification.

LWA Team will assess where management criteria updates are recommended for each of the URs and identify the agencies and interested parties who are signatories to the 2000 Water Forum agreement and/or have regulatory WRMPs affected by potential changes in criteria and associated management actions. The LWA Team will work with the GSPWG to prioritize this work.

***W&C** will provide support to LWA by participating in GSPWG workshops, supporting the definition of the scenarios, designing the scenarios and analyzing the scenarios using the integrated model for up to four (4) scenarios under its Prop 68, Task (c)3 scope..*

Subtask 5.2. Project Actions in Cooperation with Groundwater Clean-up Agencies

LWA Team will lead this task to identify projects and actions that are taking place or can be taken in cooperation with groundwater remediation agencies to keep extracted groundwater in the SAS. LWA will evaluate where alternative/optimized uses for remediated groundwater may occur. This work will include performance of a feasibility level analysis of costs and of regulatory and permitting challenges. Results will be used for discussion purposes during SMC and GSP development to prioritize specific actions with affected agencies.

Subtask 5.3. Regional/Interbasin Coordination

LWA Team will lead the interbasin coordination task in concert with strategies and actions and coordination meetings conducted under Task 2. The SASb lies within the larger Sacramento Valley groundwater basin and has a high degree of hydraulic communication with adjacent subbasins to the north and south. Management actions in the SASb may influence neighboring subbasins and other hydraulically connected portions of the greater basin.

LWA will perform a legal and policy evaluation to address the nature and methods of coordination with adjacent subbasins, including the need for coordination agreements, a reasonable way to address boundary issues, and potential means to allocate costs using fair share principles, in coordination with the work performed by HDR under Task 7. Sustainable management of the SASb will rely on actions taken along basin boundaries, offering the best opportunity to work collaboratively with neighboring subbasins to improve regional groundwater conditions.

***W&C** will coordinate to support coordination of modeling results across subbasin boundaries.*

Task 5 Deliverables (LWA)

- Summary and supporting documentation of the following, to be included in GSP draft chapter(s):
  - Management Actions and Alternative Projects by SCGA Member Agencies and other entities within the SASb
  - Potential Project Actions by Groundwater Clean-up Agencies and Responsible Parties
  - Legal and Policy Review of Regional/Interbasin Coordination

Task 5 Deliverables (W&C)

- *Summaries of model results or inputs; review comments as presented in the regional CoSANA model documentation.*

TASK 6. MONITORING IMPROVEMENTS

Subtask 6.1. Monitoring Network Assessment

LWA will compile information regarding existing monitoring wells and stream gages for consideration for use in the monitoring network to address the SMCs for the different Undesirable Results in the SAS. LWA will bring this information and monitoring improvement options forward into the SMC workshop process for consideration by the GSPWG and other stakeholders. LWA will collaborate with the GSPWG and other stakeholders in the preparation of this information and in the development of the proposed Monitoring Network described in the GSP. LWA will ensure the monitoring network provides representative monitoring for each Sustainability Indicator (undesirable result) in conformance with GSP Regulations.

***W&C** will support this task by analyzing the monitoring networks with up to two (2) model scenarios under its Prop 68, Task (c)3 scope.*

***W&C** will support this task by providing any well and monitoring information to which it has access.*

Task 6 Deliverables (LWA)

- Summary and supporting documentation of the Monitoring network and reporting requirements necessary to satisfy SGMA regulations for inclusion in GSP draft chapter(s):

Task 6 Deliverables (W&C)

- *Summaries of model results or inputs; review comments as presented in the regional CoSANA model documentation.*

TASK 7. COST AND RATES

Subtask 7.1. GSP Rate Study

***HDR**, under subcontract to Woodard & Curran, will lead this task, as described in Exhibit A to the scope of work.*

LWA will coordinate with HDR and W&C in the development of the rate study, including the incorporation of GSP Chapter 5 Implementation information into the rate study. LWA will provide to HDR cost estimate spreadsheets developed for agreed-upon management actions in Task 5 and long-term monitoring costs developed under Task 6.

Task 7 Deliverables (HDR)

- *As described in Exhibit A*

TASK 8. DRAFT AND FINAL GSP

Subtask 8.1. GSP Preparation and Process Documentation

LWA will be responsible for compiling and documenting all technical, policy and public outreach activities for incorporation into a GSP that addresses the California Code of Regulations. Based on the work prepared in the other tasks and subtasks, the GSP will be developed, which includes an Executive Summary, administrative draft, public draft, and final document. Public comments and responses to those comments will be documented and included as an attachment to the final GSP submitted for Board adoption. The LWA Team will work with SCGA and DWR to address comments and concerns as part of the development process and in the preparation of the GSP. LWA responsibility for GSP development will include the following:

- Preparing draft GSP chapters for consideration by the GSPWG, Public and GSA Boards of Directors, and incorporating comments into the draft GSP, to be completed by July 2021.
- Compile and respond to all public comments on the Draft GSP and incorporate changes into a Final GSP for adoption by the GSA Boards of Directors.
- Coordinate with the individual GSA Boards to meet all public notice and hearing requirements for adoption of the GSP.
- Prepare the Final GSP and ancillary information for submittal to DWR by January 15, 2022.

***W&C** will be responsible for Chapter 2 of the GSP, Basin Setting, less specific elements developed by LWA under Task 3.2 . The draft Chapter 2 must be received from Woodard and Curran by the end of November 2020 to allow completion of GSP in a timely manner. The LWA budget is based on the assumption that Woodard and Curran will refine Chapter 2 in response to comments received during the GSP development effort.*

Comments on the final GSP by State DWR (§355.2) as part of the department's review of the adopted GSP will be addressed by SCGA staff and its consultants outside of this scope of work due to the uncertain timing of the DWR comments (after submittal of the GSP in January 2022) and the uncertain nature and extent of comments/concerns.

Task 8 Deliverables (LWA)

- Provide the following GSP documents
  - Draft GSP Chapters for public review

- Administrative Draft GSP
- Public Draft GSP
- Response to Public Comments
- Final GSP submitted to DWR

Task 8 Deliverables (W&C)

- *Provide content for GSP Chapter 2, Basin Setting*

TASK 9. ANNUAL REPORTING TEMPLATE

LWA will lead performance of this work to prepare a draft template for annual reporting to bring together the data management tools and reporting responsibilities of the member agencies. A template will be prepared to produce a report efficiently that meets SGMA requirements.

Task 9 Deliverables (LWA)

- Provide Draft Annual Reporting Template
  - Annual reporting "how-to" manual
  - Graphic templates
  - Software programs and utilities

Completion of the annual report due in 2022 is outside of this scope of work.

PROPOSITION 68 SCOPE OF WORK

LWA will lead work under the Proposition 68 Grant in a manner that contributes to development of the SASb GSP and complements work conducted under the Proposition 1 Grant Scope of Work. Proposition 68 work revolves primarily around data collection, technical studies associated with the evaluation of groundwater dependent ecosystems (GDE) and the Surface Water Depletion Undesirable Results and modeling scenarios to support development of the GSP.

CATEGORY (A) GRANT AGREEMENT ADMINISTRATION

LWA will conduct activities to support management and administration of the Proposition 68 grant in the manner described in Task 1, above, for the Proposition 1 grant.

***W&C** will conduct activities to support management and administration of the Proposition 68 grant in the manner described in Task 1, above, for the Proposition 1 grant.*

Category (a) Deliverables (LWA)

- Monthly Progress reports and quarterly reports in the preapproved templates
- Monthly invoices no later than the last day of the month following the invoice period.

Category (a) Deliverables (W&C)

- *Monthly Progress reports and quarterly reports in the preapproved templates*
- *Monthly invoices no later than the last day of the month following the invoice period.*

CATEGORY (b) STAKEHOLDER ENGAGEMENT AND OUTREACH

Outreach for the Proposition 68 scope of work will focus on meetings of the GSPWG as well as workshops of a working group on surface water depletion and GDEs, to be defined in Task 2 below.

LWA will lead participation in a stakeholder process to seek input into the development of GSP content and SMCs related to GDEs and surface water depletion.

Under this Task, ***SDI*** *will provide workshop facilitation to support the GSPWG and/or a stakeholder group to address GDE and SW depletion for up to eight (8) meetings/workshops. This will include preparation and attending the workshops by SDI.*

W&C *will provide technical support for preparation and participation in up to eight (8) GSPWG and/or GDE and SW Depletion meetings. This will include preparation of slides and summarizing work conducted under Category (c) of this work plan.*

The following will be performed under this category:

Task (b)1. Communication and Engagement Plan Coordination- LWA will coordinate appropriately with the GSPWG and other stakeholders for this workplan task category. ***SDI*** *will also review contents for the website, while W&C will provide technical support to continue maintaining the website.*

Task (b)2. Working Group Work Plan Development - LWA will work collaboratively with SDI to develop a scope, schedule, and format for meetings of the GSPWG and/or a surface water and GDE working group. The Work Plan should include the following:

- A list of working group participants
- A list of topics to be covered in the workshops
- Identification of how workgroup outcomes will be incorporated into GSP development

Task (b)3. Meeting Preparation and Facilitation - ***SDI*** *will prepare for and attend and facilitate the eight (8) meetings, or as otherwise identified in Task 2 above.*

LWA will prepare agendas and meeting materials for the eight (8) meetings and coordinate meeting logistics.

Task (b)4. Meeting Summaries - LWA will prepare meeting summaries for the eight (8) meetings.

Task (b)5. Subbasin Coordination - LWA will be leading this effort with the neighboring subbasins. SDI and W&C will participate in subbasin coordination activities to a limited extent, and as invited by LWA.

Category (b) Deliverables (LWA)

- Surface Water and GDE Working Group Outreach Plan
- Surface Water and GDE Working Group Meeting Summaries
- Adjacent Subbasin Coordination Meeting summaries

CATEGORY (c) GSP DEVELOPMENT

Task (c) 1. CoSANA Model Development Assistance

Task 1 includes work to be performed by ***W&C*** *under Category (c) Task 1 of the Proposition 68 Work Plan. This work will supplement work to be performed under Task 3.6 of the Proposition 1 Work Plan and will include additional work updating the CoSANA model calibration, developing* *the projected conditions baseline, updating the water budget to support GSP development, and conducting modeling scenarios to support GSP development. In specific, the following work will be completed:*

1- *CoSANA Model Development Collaboration-* ***W&C*** *will collaborate with entities involved with the model development, including LWA, during the model development, calibration and application process to ensure that the model data and calibration is reflective of the latest information available and model results are reasonably representing a collective understanding of the physical system and the available data and information.*

2- *Refinement of Model Layers to Formation-Based Layering- This work entails assessment of lithologic data available from the DWR and local agency well inventory and refinement of the model layering in the SASb area, so that the five (5)-layer formation-based layering is represented seamlessly across the entire model domain. This work will be conducted in coordination with the entities in the NASb and COSb model area. The resulting model layering will be checked for quality control, and appropriate model input data will be prepared, and model calibration will be updated to reflect the updates to the model layering.*

3- *Enhancement of CoSANA for GDE and Surface Water Depletion Studies- This task includes coordination with local entities, environmental groups, and LWA's activities on the GDE and SW depletion studies for refinement of the CoSANA model. This work will rely heavily on the results of GDE and SW Depletion Technical Studies to be developed by LWA. The Technical Studies data and results will be used to enhance the model database, and refine model calibration, so that the model has reasonable capability in simulation of the GDE and SW depletion evaluation.*

4- *Predictive Uncertainty Analysis- This work involves performing predictive uncertainty analysis, using the software PEST. This analysis includes assessment of model input data sets and parameters that cause significant uncertainty in the model results, including the land use information, water supply data, hydrologic data, and aquifer parameters. Once the range of uncertainties to each data/parameter is determined, an analysis of range of uncertainties with respect to water budgets and impacts on GDEs and SW depletions will be performed.*

Task (c) 2. GDE and Surface Water Depletion Technical Studies

LWA will lead the development and performance of special studies to address surface water/ groundwater interactions and groundwater dependent ecosystems (GDEs) in the SAS. Scientific studies are to be completed in support of required decision points for evaluating changes to GDEs and surface water depletions as a result of different groundwater management criteria and management actions. The discussion of GDEs and surface water depletions within the coordination meetings are anticipated to occur concurrently.

Subtask (c)2.a. Technical Studies Work Plan – **LWA** will complete a detailed work plan and budget for GDE and surface water depletion technical studies will be completed prior to authorization of Subtask 2b. The work plan for technical studies will include:

- A bibliography of available reports and scientific articles relevant to the topic for the SASb, and
- A summary of available data and monitoring locations
- A detailed list of activities to be performed
- Identification of LWA staff, and subcontractors, that will conduct the work,
- LWA shall identify work proposed to be completed by the Freshwater Trust on behalf of the Northern Delta GSA
- A detailed budget by subtask, including estimates of hours and billing rates of each party conducting the work

- A detailed project schedule
- A discussion of how the results of the technical studies will be incorporated into the development of the GSP
- An outline of a technical memorandum that will document the work

Technical studies may include the following, as will be elaborated in the Work Plan:

- an inventory and GIS-mapping of hydraulically-connected GDEs and river/stream reaches within the SAS and along adjacent subbasin boundaries,
- a literature search and illustrative explanation of how GDEs and surface water depletions can be impacted as a result of changes in groundwater elevations or storage,
- a qualitative understanding of how published data sets can be used to evaluate and quantify changes in GDEs and surface water depletions, in concert with information derived from CoSANA model runs,
- a detailed quantified analysis and reporting (as described in more detail below) of identifying GDEs and interconnected groundwater-surface reaches and the historic relationship between GDEs/surface water depletions and changes in groundwater elevations and storage (2005 to 2018),
- a map of surface water features and GDEs with verifiable GW connections, and
- field data verification of connected and disconnected reaches.

***W&C** scope will work closely with LWA to define the scope of modeling scenarios to support this task.*

Subtask (c)2.b. – Complete GDE and Surface Water Depletion Technical Studies

Notice to proceed on Subtask 2.b. will be provided in writing upon approval of the Work Plan in Subtask 2.a.

LWA will conduct the work necessary to complete the technical studies. Technical information and presentation materials are to be developed for the GSPWG and, as appropriate, for public and non-technical audiences. All work will be transparent to the public, repeatable, and scientifically defensible.

LWA will oversee any work conducted by The Freshwater Trust (TFT) on this subtask. LWA will not be compensated for TFT work. TFT will provide this work as in-kind services in lieu of all or a portion of their GSP development costs.

LWA will work with W&C to identify modeling scenarios to support the analysis of GDE and surface water depletion and provide to W&C and SCGA prior to work beginning on Task (c)3 below.

Evaluation of hydraulically connected river reaches is anticipated to be completed within the existing GDE inventory and establishing groundwater elevation changes underlying GDEs. CoSANA Model results will be used for purposes of mapping hydraulically-connected river reaches, as applicable, and includes a statistical analysis to portray the range in changed surface water depletions as a result of sustainable yields and management criteria within SAS and adjacent subbasins. This anticipates a method of establishing baseline changes in surface water depletions resulting from stressors not related to SASb management actions. Specific and detailed approach on addressing surface water depletions will be developed in coordination and collaboration with the GSA staff, stakeholders, and LWA project team.

Task (c) 3. Model Runs and Reporting

Notice to proceed on Task (c) 3 will be provided in writing upon approval of modeling scenarios.

***W&C** will perform modeling scenarios to support LWA in analysis of GDE and Surface Water Depletion Studies, as well as SMCs, Projects and Management Actions, and the Monitoring Network under the Proposition 1 scope. W&C will support LWA in understanding and interpreting*

CoSANA Model data and results to appropriately address the needs of the SASb and coordinating adjacent subbasins. W&C will also assist in identifying needed model scenarios and affected model input files to evaluate changes in GDEs and surface water depletions.

Using the refined and calibrated CoSANA model described above in Task 1, in collaboration with W&C, **LWA** will identify and develop management scenarios and model runs needed to support SMC and GSP development. It is assumed that LWA will develop management scenarios, based on stakeholder input, for evaluating the effects of SMC and management actions for protection of GDEs and interconnected surface waters.

***W&C** will perform model scenarios for evaluating the effects of management criteria and actions developed by LWA as well as for protection of GDEs and surface water depletions, done concurrently to the extent practicable. The number of model runs is anticipated for budget purposes to no more than the following:*

- *Up to six (6) model scenarios to support sustainable management criteria development*
- *Up to four (4) scenarios for analysis of projects and management actions*
- *Up to two (2) scenarios for analysis of monitoring network*

Additional technical reporting of model run outputs may include, but not be limited to, the following: 1) public education and informational presentations on the Model's development and its use in forecasting groundwater-surface water behavior, 2) post processing of model output to compare against GIS-based inventories of GDEs and hydraulically connected river/stream reaches in SASb, 3) addressing how model runs address SASb and adjacent subbasin questions on results of Technical Memoranda, and 4) quantitative presentations of forecasted changes, based on model runs, to GDEs and surface water depletions resulting from mutually-agreeable groundwater management criteria and actions along common subbasin boundaries.

Category (c) Deliverables: (LWA)

- A technical memorandum written as a draft section of the GSP which includes the following:
  - Evaluations of Existing GDEs and Surface Water Depletions in the South American Subbasin
  - Surface Water Working Group and Adjacent Subbasin Coordination Meeting Summaries
  - Summaries of Sustainable Management Criteria, Actions, and Monitoring for GDEs and Surface Water Depletions for adjacent subbasins.
  - Forecasted Changes to GDEs and Surface Water Depletions based on Model Results, including inputs to and outputs from the Groundwater-Surface Water Model.

Category (c) Deliverables (W&C)

- *Updated model data sets and model results*
- *Update of model documentation*
- *Summary documentation of the integrated model input/output datasets – as presented in the regional CoSANA model documentation.*

Exhibit A – Scope of Work Task 7

Financial Analysis to Support the South American Subbasin Groundwater Sustainability Plan

Subtask 0-Project Management

Perform project management activities and work collaboratively and effectively with the client to keep the GSP development team informed of the project status, time schedule, and budget.

Deliverables* as a *Result of Task 0:

- Monthly invoices and progress reports

Subtask 1-Review of GSP Costs and Approach

The starting point of the financial analysis will be the review of the initial draft costs related to implementing the activities as outlined in the draft Management Actions section of the GSP. This will include the draft timing and costs of the specific projects and programs negotiated to implement the GSP. In addition, the analysis will include additional operations and maintenance expenses (O&M) that are necessary to meet the reporting requirements and activities described in SGMA including, but not limited to, annual reporting and 5-year GSP updates. The project team will coordinate with the GSP development team, GSP consultants, and the GSP Working Group (GSPWG). At the completion of the review, the project team will provide a summary technical memorandum outlining the capital and operating costs as provided in the draft Management Actions section of the GSP for review by the GSP development team and the GSPWG.

These costs will determine the overall operating and capital costs for the basin as a whole. A project meeting will be held with the GSPWG to review and discuss the summary technical memorandum.

Deliverables* as a *Result of Task 1:

- Summary technical memorandum on the baseline capital and O&M costs necessary to implement the South American Subbasin's negotiated management actions, programs, and reporting activities
- Onsite project meeting with the GSPWG and the GSP development team to review and discuss the identified O&M and capital costs

Subtask 2-Development of the Preliminary Financial Analysis

Based on the identified O&M and capital costs outlined in the draft Management Actions section of the GSP, and the current reported budgets of each member GSA, a draft financial plan will be developed. The analysis will be developed for a multi-year period (e.g., 10-year planning period) to determine the overall revenue needs of the Subbasin and for each GSA. This analysis will be developed in collaboration with the GSP development team, GSP consultant team, and the GSPWG. At the completion of the preliminary financial analysis, a summary technical memorandum will be developed summarizing the preliminary financial analysis. A project meeting will be held with the GSPWG to review and discuss the preliminary financial analysis. At the completion of the meeting, a draft financial analysis will be developed that will be the recommended basis to fund implementation of the GSP.

The completion of this task is important in the collaboration of the GSA members so that it allows sufficient time for the GSA members to begin budgeting process and incorporating any additional costs associated with the Subbasin projects, programs, and reporting activities. As GSP completion nears the public draft stage, costs will be revisited to confirm the final anticipated cost of GSP implementation, including subbasin reporting activities.

Deliverables* as a *Result of Task 2:

- Electronic version (e.g., Microsoft Excel) of the preliminary financial analysis
- Technical memorandum summarizing the development of the preliminary financial analysis
- Onsite project meeting with the GSPWG and GSP development team to review and discuss the preliminary financial analysis
- Development of the draft financial analysis

Subtask 3-Participating GSAs Draft Financial Plan Collaboration

A key element of the implementation of the GSP will be the coordination and collaboration with memberGSAsthat may fund SGMAand GSP activities within the subbasin. To begin the facilitation, a project meeting will be held with the various members of the GSPWG representing each of the financially contributing GSAs that are within the focus area of the GSP. This meeting will provide the underlying foundation of the draft financial analysis described under Task 2, and begin to develop the coordination requirements between the member GSAs to determine an initial assumption of level of benefit versus level of financial participation or individual in-kind action. This is critical in securing funding sources for the O&M and capital costs associated with implementation of the GSP.

Deliverables* as a *Result of Task 3:

- Project meeting with the various members of the GSPWG representing the financially contributing member GSAs to review and discuss the draft financial analysis
- Presentation material that will be presented and discussed at up to two (2) GSPWG meeting(s)

Subtask 4-Draft Allocation of GSP Costs to Participating GSAs

Based on the development of Tasks 2 and 3, an early draft financial analysis will have been developed, and early coordination with participating members of the GSPWG representing the financially contributing GSAs will have occurred. Given this, the next step will be to develop a cost allocation methodology between the various participating GSAs. A preliminary allocation will be developed based on the type of cost incurred, and the beneficiaries of those costs, both for capital and O&M; for example, capital and O&M costs for projects may be allocated based on modeled benefit to each GSA, and general operations costs for monitoring and reporting activities may be spread over the entire Subbasin. At the completion of the preliminary cost allocation, a summary technical memorandum will be developed summarizing the allocation approach and preliminary allocation to the participating GSAs. A project meeting will be held with the GSPWG to review and discuss the preliminary approach for the allocation of costs, as well as the preliminary results of the allocation to the participating GSAs. At the completion of the meeting, a draft allocation approach will be developed that will be the basis for moving forward to discuss with the participating GSAs.

This task is important so that the participating GSA members have sufficient time to begin budgeting process. As GSP completion nears the public draft stage, costs and allocation methods will be revisited to confirm the final anticipated cost of GSP implementation, including subbasin reporting activities.

Deliverables* as a *Result of Task 4:

- Electronic version (e.g., Microsoft Excel) of the cost allocation
- Technical memorandum outlining the cost allocation approach and preliminary results
- Project meeting with the GSPWG to review and discuss the preliminary approach and results

Subtask 5-Participating GSAs Draft Allocation Collaboration

Given the development of the final draft cost allocation TM in Task 4, this task will be to meet directly with the financially contributing GSA Boards that are committing to funding SGMA compliance and GSP activities within the Subbasin to discuss the allocation approach and resulting allocation. The meeting will provide a detailed overview of the allocation approach, supporting assumptions, and draft results of the allocation. This meeting will further the collaboration between the GSAs within the Subbasin. Depending on the timing of the member GSAs budgeting process, the budgeting approach may rely on initial draft material from Task 4.

Deliverables* as a *Result of Task 5:

- Project meeting with the various GSAs to review and discuss the draft allocation approach and results
- Presentation material that will be presented and discussed at the meeting

Subtask 6-GSPWG Coordination Meeting

Based on input received and in conjunction with efforts from prior tasks, both technical, and coordination and collaboration meetings, the project team will meet with the GSPWG, as needed, to review and discuss the input and results of the analysis. The draft financial plan will be reviewed with the GSPWG to evaluate its content and assumptions. The draft allocation methodology will also be reviewed with the GSPWG and the GSPWG will be given the input from the coordination with the participating GSAs. Upon final draft GSP completion, the final allocation analysis assumptions will be finalized with the GSPWG.

Deliverables* as a *Result of Task 6:

- Technical memorandum summarizing the final approach to the financial plan and allocation approach/methodology

Subtask 7-Develop Final Financial Plan and Cost Allocation

Based on the discussion with the GSPWG at the time of the public draft GSP, the final financial plan and cost allocation will be developed. The financial plan will be finalized to reflect the overall funding needs (O&M and capital) of the GSA. The finalization of the allocation methodology will provide the recommended basis for the collection of revenues from the participating GSAs. The final financial plan and cost allocation summary will be documented in a technical memorandum for review by the GSPWG.

Deliverables* as a *Result of Task 7:

- Electronic version (Microsoft Excel) of the final financial plan and cost allocation

Subtask 8-Written Documentation

Based on the technical memorandums developed in the previous tasks, a draft written financial section for the GSP will be developed. The written documentation is intended to summarize the entire process, input and direction received from the participating members of the GSPWG, participating GSA/agency boards, and the GSP development team, and from summary results and recommendations provided in the various draft/final TMs. A technical appendix will be provided that includes the summary of the technical analyses (financial plan and allocation). A draft electronic version (e.g., PDF, Word) of the draft written section will be provided for review and comment. The draft will be reviewed with the GSPWG and updated with GSPWG comments and a final electronic version of the section provided for the final documentation of the study. As part of the written documentation, a summary of the billing approach for the member GSAs will be provided that outlines the direction received from the collaboration meetings.

Deliverables* as a *Result of Task 8:

- Draft and final written financial section
- Onsite meeting with the GSPWG to review and discuss the draft written financial section

Fee Estimate

Based on the scope of services discussed above, a fee estimate and schedule has been developed to provide the requested services.