



ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, ZONE 7

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ORIGINATING SECTION: INTEGRATED PLANNING

CONTACT: Elke Rank/Amparo Flores

AGENDA DATE: March 20, 2019

ITEM NO. 9a

SUBJECT: Environmental Support Services Contracts

SUMMARY:

- Zone 7 Water Agency (Zone 7) has an ongoing need for “as needed” environmental planning and stewardship support services to meet the needs of existing and planned projects.
- To that end, a request for qualifications (RFQ) process was completed in June 2016 where 14 proposals were evaluated and all were approved, in their particular specialties, to be on an eligibility list good for five years. Respondents could self-select in any of seven specialty categories of work.
- Also through the RFQ, one of the firms, Environmental Science Associates (ESA), was selected for an annual, as-needed services contract. This eligibility list and the as-needed contract are currently half way through a 5-year term.
- The contract is due for annual renewal soon, so staff compiled a list of tasks and project activities that would require environmental compliance and planning support services, and estimated the support to be required for the duration of the contract / eligibility list.
- There is a clear need for considerably more support in the coming years – in part due to the extreme damage incurred because of the January/February 2017 winter storms, increased CIP activity, and also because of increased environmental regulatory requirements such as additional construction monitoring by an on-site, qualified biologist. Two major construction projects underway now are the ozone projects at both Patterson Pass Water Treatment Plant and Del Valle Water Treatment Plant.
- Based on workload analysis for March 2019 (mid-way through contract year 3) through November 2021, staff recommends the following amounts for an added total of \$1,285,000:

Contract	Mar 1 through Nov 2019	Dec 2019 through Nov 2020	Dec 2020 through Nov 2021	Requested Contract Additions
ESA*	\$365,000	\$225,000	\$170,000	\$760,000
tbd^	\$175,000	\$175,000	\$175,000	\$525,000
				\$1,285,000

*Original estimated contract amount was \$350,000 per year, not reflected in the estimates above.

^Costs estimated to cover additional regulatory site monitoring and reporting by firm from Board approved list.

FUNDING:

Funds 120, 130, 200 or 210, based on the project scope of work and within the adopted fiscal year budgets.

RECOMMENDED ACTION: Adopt the attached resolution.

BACKGROUND

Zone 7 Water Agency (Zone 7) has a need for environmental planning and stewardship support services. This includes specialized support on tasks beyond staff expertise and support on large projects for which there is insufficient staff resources to meet project deadlines or seasonal restrictions. Often, the work is shared between in-house staff and outside consultants to both help offset the cost of outside services and to improve in-house capabilities.

2016 Request for Qualifications (RFQ)

In June 2016, qualification statements were requested to provide environmental support services to Zone 7. The respondents were asked to self-select in any of seven categories of work based on the firm's expertise.

Based on satisfactory work on past contracts, broad technical expertise, and significant local experience, Zone 7 found ESA to be the best qualified to provide general, as-needed services to Zone 7. In 2016, the Board authorized a maximum amount of \$1,750,000 over 5 years. Staff continues to be satisfied with ESA work.

Eligibility List from 2016 RFQ Process

In addition to selecting an as-needed consultant, the RFQ process also yielded an eligibility listing for the 14 RFQ respondents (Table 1).

Table 1. 2016 RFQ: Eligibility Review

Consultant Name	CEQA Compliance, Documentation	Environmental Permitting and Regulations	Eco Studies and Planning	Geomorphology, Hydro / Hydraulic Studies	Mitigation Monitoring and Reporting	Restoration and Mitigation Planning /Banking	Programmatic Stream Maint Permits
Analytical Environmental Services	Y	Y	--	--	Y	Y	--
Anchor QEA, LLC	Y	Y	Y	Y	Y	Y	--
ESA	Y	Y	Y	Y	Y	Y	Y
Horizon Water and Environment, LLC	Y	Y	Y	Y	Y	Y	Y
ICF Jones & Stokes, Inc.	Y	Y	Y	--	Y	Y	Y
Johnson Marigot Consulting, LLC	--	Y	--	--	Y	Y	Y
Michael Baker International	Y	Y	Y	Y	Y	Y	Y
MIG, Inc.	Y	Y	Y	Y	Y	Y	Y
Questa Engineering Corporation	Y	Y	Y	Y	Y	Y	--
RECON Environmental, Inc.	--	--	--	--	--	Y	--
Sequoia Ecological Consulting, Inc.	Y	Y	Y	--	Y	Y	--
Stantec	Y	Y	Y	Y	Y	Y	Y
Stillwater Sciences	--	--	Y	Y	Y	Y	--
Vollmar Natural Lands Consulting	Y	Y	Y	Y	Y	Y	Y

As needs arise, Zone 7 project managers have the option to (1) select from this list of eligible firms or (2) to solicit proposals for specialized environmental support services from a subset of firms from the list, as is proposed for the required on-site biological mitigation and monitoring needs for anticipated construction projects. Depending on the size of an individual contract, Board approval will be sought if the scale of need on any given project is greater than the General Manager authority.

Work to Date

Since the 2016 RFQ process, much work has been completed by ESA via an “as needed” contract, as well as by other firms on the eligible list via separate contracts. Specifically, to date (October 2016 through February 2019):

- ESA has been issued 28 task orders for a total of \$965,002 on their as-needed contract. The task orders range in value from \$2,000 to nearly \$150,000; and represent work for many different projects and teams. The contract maximum for the first three years is \$1,050,000 with an option for two additional one-year terms for a maximum 5-year contract of \$1,750,000 (Board approved in 2016). Staff recently re-evaluated the services needed for the remainder of the 5-year contract term at a total of \$2,510,000. The difference between the previous Board approval and the new 5-year estimate is \$760,000.
- The qualified consultants list was used on three occasions to engage qualified consultants for specialty work for a total contract amount of \$401,658 (Table 2, below). In one case, a targeted RFP process was held to select a qualified consultant from the list to assist Zone 7 with Programmatic Stream Maintenance Program Permits; From a field of three, Horizon was selected and awarded a contract in 2016 (Board authorized under separate Resolution).

Table 2. Eligible Consultant Services to Date

	Project	Contract Amount
Horizon	Programmatic Stream Maintenance Permits (RFP)	\$340,330
Stillwater Sciences	Arroyo Mocho Stanley Reach Restoration Support	\$48,916
Stillwater Sciences	Arroyo Mocho Fisheries Surveys	\$12,412
	Total	\$401,658

Overall, services required from environmental consultants are higher than previously planned. This is due in part to the extreme damage incurred as a result of the January / February 2017 winter storms, increased number of construction projects, and also in part to increased environmental regulatory requirements for permitting and monitoring. Table 3 below shows the increase in work being performed. Also, note that biological monitoring requirements during construction, as well as mitigation planning, have both become a larger component of the permit conditions in the last couple of years.

Many activities are based in the dry-season months when regulations allow for in-channel work, followed by the required post-construction environmental reports. Any contracts for such work

would preferably end at the conclusion of these efforts, and therefore the recommendation herein includes amending the ESA contract to expire on November 30 annually.

**Table 3: Example of Expanded Need for Environmental Services for Flood Protection
Projects: Number of (Permitted) Projects 2015 to 2020**

	2015	2016	2017*	2018	2019	2020 (est)
Routine Stream Maintenance Projects (typ. 1 to 3 weeks each)	4	9	5	28	26	25
Large Stream Maintenance Projects (4+ weeks each)	-	-	-	1 (ALP)	1 (Stanley)	1 (Stanley)
Major Emergency Maintenance Projects	-	-	1 (ADLL)	-	-	-

* 2017 emergency declarations from January and February storms

DISCUSSION

Staff has estimated the necessary environmental planning and stewardship support services for the period through the end of the 5-year period for which Zone 7 has established a list of eligible firms to complete such work. We are currently about midway through the 5-year term.

The estimates fall into three groups of projects that are detailed in Table 4:

- Group 1** projects are best suited to fall under the existing on-call contract with ESA – because either it is ongoing work or because ESA continues to be the best qualified for the work as established through the RFQ process in 2016. Staff is requesting authorization to increase ESA’s contract for a total of \$760,000 through the life of the 5-year maximum contract term (\$365,000 + \$225,000 + \$170,000, respectively).
- Group 2** projects are those that could be accomplished by one of several firms on the eligible list. Staff is requesting authorization to identify the most suitable firm(s) for this work through a selective RFP process from firms on the eligible list and to execute a new contract(s) with that firm(s) in an amount not to exceed \$525,000 (\$175,000 + \$175,000 + \$175,000, respectively).
- Group 3** projects are those that are suitable to specific firms on the eligible list because of their specialized experience as deemed qualified through the 2016 RFQ process. Requests for contracting these efforts will be made as work is needed – either by General Manager’s contract or by a request to the Board.

Table 4: Anticipated Environmental Services through November 2021

Project	Section(s)	Year 1	Year 2	Year 3
Group 1: ESA On-Call Contract (Requesting Contract Amendment)				
Water Supply CIP Projects	FE	\$0	\$45,000	\$0
Water Supply Maintenance Projects	FE/GW/IP	\$15,000	\$15,000	\$15,000
Flood Control Maintenance Projects	FC/IP	\$255,000	\$215,000	\$175,000
Flood Control CIP Projects	FC/IP	\$50,000	\$175,000	\$205,000
FC Contingency for ESA		\$50,000	\$50,000	\$50,000
IP Contingency for ESA		\$25,000	\$25,000	\$25,000
FE Contingency for ESA		\$50,000	\$50,000	\$50,000
(1) Subtotal for ESA Contract		\$445,000	\$575,000	\$520,000
<i>Authorized / Remaining in contract</i>		\$80,000	\$350,000	\$350,000
<i>Total Additional Request</i>		\$365,000	\$225,000	\$170,000
Group 2: Prepare RFQ from Approved List (Requesting New Contract)				
Routine Stream Maint Bio Monitoring	FC/IP	\$175,000	\$175,000	\$175,000
(2) Subtotal for Targeted RFQ		\$175,000	\$175,000	\$175,000
Total Request (Groups 1 & 2)		\$540,000	\$400,000	\$345,000
Group 3: Select Other Suitable Firm(s) From Eligible List (Future Contracts / Requests)				
Water Supply CIP Projects	FE/IP	\$200,000	\$500,000	\$300,000
Water Supply Maintenance Projects	FE/IP/GW	\$0	\$0	\$0
Flood Control Maintenance Projects	FC/IP	\$0	\$0	\$50,000
Flood Control CIP Projects	FC/IP	\$200,000	\$0	\$0
Flood Control Planning Projects	IP/FC	\$50,000	\$15,000	\$15,000
(3) Subtotal Other / Future Work		\$450,000	\$515,000	\$365,000

FC (Flood Control); FE (Facilities Engineering); GW (Groundwater); IP (Integrated Planning)

FUNDING:

Funding sources for both the as-needed services contract and any individual contracts that may arise are based on the scope of work and will be within previously adopted budgets.

RECOMMENDED ACTION:

Authorize the General Manager to negotiate and execute a contract amendment to ESA’s 2016 contract A17-33-ESA that increases the maximum allowable annual amounts for contract years 3, 4, and 5 to approximately \$715,000, \$575,000 and \$520,000, respectively, for a 5-year maximum contract value of \$2,510,000.

Also, authorize the General Manager to negotiate and execute a professional services contract with the qualified firm or firms for a maximum contract value of \$525,000 for the next 3 years to cover required biological mitigation and monitoring needs for construction projects.

ZONE 7

ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
BOARD OF DIRECTORS

RESOLUTION NO.

INTRODUCED BY
SECONDED BY

Environmental Support Services Contracts

WHEREAS, Zone 7 of the Alameda County Flood Control and Water Conservation District has a need for environmental planning, compliance, and stewardship support services; and

WHEREAS, through a Request for Qualifications process, qualifications statements were requested to provide environmental planning and related services to Zone 7, and an eligibility listing of qualified firms was developed based on staff review of the responses to the Request for Qualifications; and

WHEREAS, based on satisfactory work on past contracts, broad technical expertise, and significant local experience, Zone 7 found ESA to be best qualified to provide as-needed services to Zone 7, and found other potentially qualified firms for other specialized work; and

WHEREAS, new regulatory requirements increase the amount of on-site biological monitoring necessary to complete construction projects; and

WHEREAS, upon review of new and anticipated projects, it was determined that additional environmental services would be needed to perform both on-call and new regulatory monitoring; and

NOW, THEREFORE, BE IT RESOLVED that the Zone 7 Board of Directors of the Alameda County Flood Control and Water Conservation District does hereby authorize the General Manager to negotiate and execute a contract amendment to ESA's 2016 contract A17-33-ESA that increases the maximum allowable amount from \$1,750,000 for a 5-year contract to a not-to-exceed a 5-year maximum contract value of \$2,510,000.

BE IT FURTHER RESOLVED that the Zone 7 Board of Directors of the Alameda County Flood Control and Water Conservation District does hereby authorize the General Manager to negotiate and execute a professional services contract with the qualified firm or firms from the Board approved list for a maximum contract value of \$525,000 for the next 3 years to cover required biological mitigation and monitoring needs for construction projects.

These firms are:

- Analytical Environmental Services
- Anchor QEA, LLC
- ESA
- Horizon Water and Environment, LLC
- ICF Jones & Stokes, Inc.
- Johnson Marigot Consulting, LLC
- Michael Baker International
- MIG, Inc.
- Questa Engineering Corporation
- RECON Environmental, Inc.
- Sequoia Ecological Consulting, Inc.
- Stantec
- Stillwater Sciences
- Vollmar Natural Lands Consulting

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSENT:

ABSTAIN:

I certify that the foregoing is a correct copy of a Resolution adopted by the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District on March 20, 2019.

By: _____
President, Board of Directors