Monday, April 20, 2015

Mr. Bruce Wilcox
Environmental Manager – Water Transfer
Imperial Irrigation District, Operation Headquarters J15
333 E. Barioni Boulevard, Imperial, CA 92251

Re: Funding request, Seven Point Plan, Salton Sea Restoration Project.

Dear Mr. Wilcox,

As discussed, the Jennings & Johnson Partnership (Partnership) would like to invite the JPA to join the creative process to develop the Seven Point Plan summarized below (Plan). The County and IVEDC are interested in evaluating the proposal and, if the results are positive, will promote the selected projects via the RFP process through the IVEDC office. Our request for funding is under evaluation (pending) by Mr. Ralph Cordova.

Each item of the Plan contribute to one or more of the following:

1. Dust reduction
2. Maintaining Salton Sea water levels
3. Controlling selenium in habitat
4. Resolving salt issues
5. Promotes economic development / new power generation
6. Provides environmental funding over the long term

Based on the benefits and the value of working together. We respectfully request the JPA fund $250,000 in related costs to conduct the necessary R&D and draft the RFP's over the next thirty to forty five days.

The R&D - RFP process requires $500,000 to hire thirteen consultants / engineers to complete the project evaluation over the next 30 to 45 days. We, sincerely, hope the $ 500,000 cost will be shared by the JPA and the County.

Based on history, we are not confident the State of California will fund or recognize their mitigation - restoration obligations in the next five years. We believe a focused effort by the JPA, IID, Imperial County and IVEDC is the next logical step and, thereafter, hope to merge California State agencies into the process to provide funding or direct action when they engage. It is not our intention to exclude other interested parties, stakeholders, or agencies. If the engineering review is successful over the next 30 to 60 days; all parties can, and should, participate with the RFP's development and the RFP evaluation process. Thank you for your time and consideration and look forward to working with your team.

Sincerely yours,

Gary Jennings
Managing Partner, United Solutions Group
www.gjennings.com GaryKJennings@me.com

General Scope of Projects, please see RFP for project details.

1. Regional Pump Back Hydro Project (Restoration funding source and hydro power development).

- Pump up to 10,000 acre-feet daily from the Salton Sea to generate up to 300 MW annually.

- Three to five lakeside reservoirs or reservoirs from reclaimed land (reduce size of the lake).

- Generate hydropower and become the source of environmental funding over the long term.

- Add an environmental surcharge ($ 50.00/MWh) on top of hydro generation cost.

- Please see RFP for project details.

2. Sea Water Import Hydro Project (Dust elimination, new water and hydro power development).

- Import 500,000 to 750,000 acre-feet of seawater per year, self-funding O&M via hydro power sales.

- Create water cover for the lakebed that will be exposed over time (dust prevention). The dry land will come from reduced water inflows and evaporation.

- Import 500,000 acre-feet of seawater to supplement 500,000 acre-feet of Ag drain water to keep the Salton Sea at an acceptable level to stakeholders and interested parties.

- Evaluate and confirm 250,000 acre-feet of seawater per year can be desalinated to provide new regional water supply (Sephton - Jennings Johnson Partnership).

- Please see RFP for project details.

3. Alamo River and New River Hydro Project (Self funding habitat and hydro power development).

- Harness 100 miles of rivers; generate 20 net megawatts per year, self-funding O&M via power sales.

- Develop lakes from hydro operations (20 acre lakes, 20 lakes per river, 2 rivers) for habitat.

- Please see RFP for project details.

4. Salt Level Reduction Project (Salinity reduction, via geothermal steam).

- 30-year desalination program to reduce salinity to 40 ppt in the whole sea while supplying clean water for near term habitat projects and high salinity brine for salinity gradient solar projects.

- Please see RFP for project details.

5. Regional Salt - Salinity Gradient Solar Power Project (Self funding salt storage and power development).

- Salt disposal, each 640-acre site will generate up to 10 net megawatts, self-funding capital repayment, and O&M via power and mineral sales.

- Regional salt storage project with significant contribution to dust mitigation and clean water supply for habitat.

- Please see RFP for project details.

6. Ground Water Desalination Project (New water development).

- New water development, pilot under evaluation at BOR and IID.

7. 125 Section Dredging Project (Dust elimination, economic development, habitat).

- The concept is designed to eliminate the potential of 60,000 to 80,000 acres becoming dry from reduced water inflows and evaporation over the next fifty years.

- Create 2,000 to 7,000 acres of reclaimed land each year from shallow Salton Sea lakebed (640 acres by 4 to 6 feet tall each cell. The cells may be subdivided to accommodate construction - development).

- Dredge in phases reaching up to three miles into the Salton Sea (Southern end, Red Hill to Navy base). Reclaim land from existing levee into the lake, one section at a time ahead of the dry land.

- Flush salts from dredged material with agricultural drain water to rehabilitate the land for future development.

- Reduce the surface area of the Salton Sea to match the evaporation rate to water inflow.

-Redevelop new sections of land for the following projects (2,000 to 7,000 acres of reclaimed land per year, subject to water inflows and evaporation rates).

- Habitat development.
- Economic development.
- Geothermal.
- Solar.
- Farming.
- Recreation.
- Special projects.

- Please see RFP for project details.

Project milestones / action items over the next six months, PER PROJECT.

The proposed projects will need RFP's, PPA's and or development contracts to start the construction process.

1. Pump Back Hydro Project (Public Bid Project).

- Concept and engineering evaluation, 30 days.
- Draft RFP agreements, 30 days.
- Draft PPA contract, 30 days.
- Bid the project, 30 days.
- Evaluate bids, 30 days.
- Award the contract, 30 days.

2. Salt Reduction Project (Sephton Project).

- Concept evaluation, Completed.
- Concept demonstration pilot, 12 to 24 months.
- Outside Engineering review, 60 days.
- Bid the project, 30 days.
- Evaluate bids, 30 days.
- Award the contract, 30 days.

3. Sea Water Import Project (Public Bid Project).

- Mexico.

  - Present an offer and finalize the M.O.U. development agreement, 30 to 60 days.

- United States.

  - Concept evaluation, Completed.
  - Engineering evaluation, 30 to 60 days.
  - Political feasibility evaluation, 30 to 60 days.
  - Environmental permitting review, 30 to 60 days.
  - Draft RFP agreements, 30 days.
  - Draft PPA contract, 30 days.
  - Bid the project, 30 days.
  - Evaluate bids, 30 days.
  - Award the contracts, 30 days.

4. Alamo River & New River Hydro Project (RFP - Public Bid Project).

- Concept evaluation, Completed.
- Engineering review, 30 days.
- Draft RFP agreements, 30 days.
- Draft milestone PPA contract, 30 days.
- Bid the project, 30 days.
- Evaluate bids, 30 days.
- Award contracts, 30 days.

5. Brackish Ground Water Desal Evaluation Project (Jennings & Johnson Project).

- Six-month pilot under evaluation with IID and BOR.

6. Salinity Gradient Solar Pond Project (Sephton Project).

- Concept evaluation, Completed.
- Concept demonstration, 24 months.
- Outside engineering review, 30 to 60 days.
- Draft RFP agreements, 30 days.
- Draft milestone PPA peaker contract, 30 to 60 days.
- Bid the project, 60 days.
- Evaluate bids, 60 days.
- Award contracts, 30 days.

7. 125 Section Dredge Project (RFP - Public Bid Project).

- Concept evaluation, Completed.
- Engineering evaluation, 30 days.
- Draft RFP agreements, 30 days.
- Bid the project, 30 days.
- Evaluate bids, 30 days.
- Award contracts, 30 days.

Pre RFP Research & Development Budget.

Labor	**Hours**	**Rate**	**Total**	
Engineering Expert	160	$125.00	$20,000.00	RFQ
Desalination Expert	160	$125.00	$20,000.00	RFQ
Dredging Expert	160	$125.00	$20,000.00	RFQ
Construction Estimator	160	$125.00	$20,000.00	RFQ
Alternative Energy Expert	160	$125.00	$20,000.00	RFQ
Technical Writer	160	$125.00	$20,000.00	RFQ
Community - Stakeholder Interviews	160	$125.00	$20,000.00	RFQ
Power Consultant / SCE	160	$125.00	$20,000.00	Jim Kelly
Environmental Permit Expert	160	$125.00	$20,000.00	RFQ
Pump Back Hydro Expert	160	$125.00	$20,000.00	IID staff & RFQ
Project Manager / Desal & Legal	160	$125.00	$20,000.00	Berglund & Johnson Esq
Project Manager / Technical Review	480	$125.00	$60,000.00	RFQ
Project Manager	960	$125.00	$120,000.00	Gary Jennings
Office Expense	6	$500.00	$3,000.00	
Project Manager Auto	Managers auto		$4,500.00	
Consultant Auto	Consultant auto		$5,500.00	
Flights & Auto Rental	5@ $ 800.00 ea		$4,000.00	
Hotel	20 @ $ 150.00 ea		$3,000.00	
T&M Recovery - SWT	100	125.00	$12,500.00	
T&M Recovery - B&J	100	125.00	$12,500.00	
T&M Recovery - USG	300	125.00	$37,500.00	
Web Site			$5,000.00	
Contingency			$12,500.00	
Total			$500,000.00	

Monday, April 27, 2015

Mr. Ralph Cordova
Chief Executive Officer
County of Imperial
940 W Main Street, Ste 206
El Centro, CA 92243

Re: Co funding request, Seven Point Plan - Salton Sea Restoration.

Dear Mr. Cordova,

As discussed in our last meeting, the Jennings & Johnson Partnership would like to finalize our funding and RFP request. Based on the project benefits and the value of working together, we respectfully request the County of Imperial fund $250,000 to $ 500,000 to conduct the necessary R&D and draft the RFP's (fund all or part of our request with QSA - JPA). The review process requires thirteen consultants or engineers to complete the evaluation over thirty days. Please see page six for details.

Each item of the Plan contributes to one or more of the following problems at the Salton Sea.

1. Dust reduction.
2. Maintaining Salton Sea water levels.
3. Controlling selenium in habitat.
4. Resolving rising salinity.
5. Promoting economic development / new power generation.
6. Providing environmental funding over the long term.

Based on the Salton Sea funding history, and the State Water Resources Control Board, board meeting in Sacramento last month, we are not confident the State of California will fund or recognize their mitigation - restoration obligations in the next three years.

We believe a focused effort by the JPA, IID, Imperial County, and IVEDC is the next logical step and, thereafter, hope to merge California State agencies into the process when they engage. It is not our intention to exclude interested parties, stakeholders, or agencies. If the engineering review is successful; all parties can, and should, participate with the RFP's development and the RFP evaluation process.

Thank you for your time and consideration.

Sincerely yours,

Gary Jennings
Managing Partner, United Solutions Group
www.gjennings.com GaryKJennings@me.com.

General Scope of Projects, please see RFP for project details.

1. Regional Pump Back Hydro Project (Restoration funding source and hydro power development).

- Pump up to 10,000 acre-feet daily from the Salton Sea to generate up to 300 to 500 MW's annually.

- East side of the Salton Sea, 5 mile by 1 mile site, 3 to 5 cells at 640 acre x 50 feet elevation each.

- Three to five lakeside reservoirs or reservoirs from reclaimed land, 640 acres each, 50 ft elevation.

- Add an environmental surcharge ($ 50.00/MWh) on top of hydro generation cost. Projected at $ 50.0 to $ 100.0 million in restoration funding per year at full build out).

- Please see RFP for project details.

2. Sea Water Import Hydro Project (Dust elimination, new water and hydro power development).

- Import 500,000 to 750,000 acre-feet of seawater to supplement 500,000 acre-feet of Ag drain water to keep the Salton Sea at an acceptable level. Self-funding O&M via hydropower sales.

- Cover the lakebed with water to prevent excessive dust from reduced water inflows and evaporation.

- Evaluate and confirm desalinating up to 250,000 acre-feet of seawater per year to provide regional water supply (Sephton - Jennings & Johnson Partnership).

- Please see RFP for project details.

3. Alamo River and New River Hydro Project (Self funding habitat and hydro power development).

- Harness 100 miles of rivers; generate 20 net megawatts per year, self-funding O&M via power sales.

- Develop lakes from hydro operations (10 to 25 acre lakes, 50 lakes per river, 2 rivers) for habitat and recreational use.

- Please see RFP for project details.

4. Salt Level Reduction Project (Salinity reduction, via geothermal steam).

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- Regional salt storage project with significant contribution to dust mitigation and clean water supply for habitat.

- Please see RFP for project details.

6. Ground Water Desalination Project (New water development).

- New water development, pilot under evaluation at BOR and IID.

7. 125 Section Dredging Project (Dust elimination, economic development, habitat).

- This concept is designed to address / eliminate the potential of 60,000 to 80,000 acres (lake bed) becoming dry and emitting dust over the next fifty years. This project can start in 60 to 90 days.

- Create 2,000 to 7,000 acres of reclaimed land each year from shallow Salton Sea lakebed (640 acres by 4 to 6 feet tall) (matching water inflow with evaporation rates).

- Start dredging efforts in phases reaching up to three miles into the Salton Sea (Southern end, Red Hill to Navy base. One to three miles into the lake and reclaim land from the bank into the Salton Sea, one section at a time ahead of the dry land / dust. Dredge at a rate to match dry land from reduced water inflows and evaporation.

- Flush salts and contaminants from the dredged material with agricultural drain water from recycled Alamo River - New River water to rehabilitate the land for future development.

- Reduce the surface area of the Salton Sea to match the water inflow to evaporation rates (prevent dust).

-Redevelop new sections of land for the following projects (2,000 to 7,000 acres of reclaimed land per year).

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3. Sea Water Import Project (FRP - Public Bid Project).

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T&M Recovery - B&J	100	125.00	$12,500.00	
T&M Recovery - USG	300	125.00	$37,500.00	
Web Site			$2,000.00	
Contingency			$15,500.00	
Total			$500,000.00	