

Summary Matrix of Alternative Water Supplies Inquiry - September 2020

	Company Name	Company Contact	Supply Source	Agreement	Term	Volume	Cost per 1000 gallons	Type of Water	Turnaround	Items to Consider
1	Evangeline/ Laguna, LP	Hamlet Newsom (hnewsom@lagunawater.com)	Groundwater	Take or pay	Negotiable	Up to 25 million gallons a day (MGD)	-\$1.57 for water in the ground -\$2.99 for water delivered to Mary Rhodes Pipeline (MRP) -\$4.27 for treated water delivered to MRP	Raw	1.5 years	-Construction of a new pipeline to MRP below the San Patricio Municipal Water District (SPMWD) pipeline -Treatment at O.N. Stevens Water Treatment Plant (ONSWTP) would be required for all water from MRP -Infrastructure expansion of MRP -Located in San Patricio County Groundwater Conservation District -Additional reverse osmosis (RO) treatment technologies could be needed at ONSWTP
2	Dimmit Utility WSC	Dimmit Utility Manager Ruben Saenz (captainsaenz28@gmail.com) & Water Sharing Pipeline Project owner Howard Ivy (howard_ivy@me.com)	Groundwater	Take or pay	40 years Negotiable*	20-50 MGD	< \$3	Raw	2-3 years	-Construction of a new 130+ mile pipeline -Located in Wintergarden Groundwater Conservation District -Land and easements acquisition for pipeline
3	Veolia North America	Josh Berezowsky Director, Business Development (josh.berezowsky@veolia.com)	Reuse of City Wastewater	Design-build-op-finance (DBOF) or Design-build-op (DBO)	DBOF - 20-30 years or DBO - 10-15 year	7000+ acre-ft/year ~6.25 MGD	Not Available	Potable	Not Provided	-Volume available dependent on City's wastewater effluent amounts -Effluent reductions during drought conditions based on conservation efforts -Improvements to City's wastewater treatment facilities to meet reuse water standards -Installation of new purple pipelines -Similar project in Hawaii which treats 13 MGD of effluent, yields both R1 reuse and potable, cost of produced water is \$1.53 per 1000 gallons
4	Poseidon Water, LLC - SUEZ	Carlos Rubinstein (crubinstein@poseidonwater.com)	Reuse of City Wastewater	(Public-Private-Partnership) P3	40 years	15 MGD	Not Available	Potable	3-5 years	-Improvements to City's wastewater treatment facilities to meet reuse water standards -Volume available dependent on City's wastewater effluent amounts -Effluent reductions during drought conditions based on conservation efforts
5	Poseidon Water, LLC	Carlos Rubinstein (crubinstein@poseidonwater.com)	Desalination	P3	40 years	Up to 100 MGD	Not Available	Potable	3-5 years	-Potential plant near Ingleside -Construction of new pipeline needed to introduce to City's water distribution network
6	Seven Seas Water Co.	Richard Whiting VP Business Development (rwhiting@7seaswater.com)	Desalination	P3/Build-own-operate-transfer (DBOT)	30 years	20MGD, expandable to 50MGD	\$2.73 not including electricity costs \$3.48 including electricity costs	Potable	Pending regulatory permit(s) approval, 30 months (with contingencies)	-Prices are contingent upon water delivery to Aransas Pass (SPMWD) distribution network -Stranded costs in SPMWD treatment and distribution system -Construction of new pipeline needed to introduce to City's water distribution network
7	Corpus Christi Polymers, LLC	Paul Murdoch PTA/Utilities Manager (paul.murdoch@ccpolymersllc.com)	Desalination	Take or pay	Initially: 3 years	Initially 9.4 MGD, expandable to 24MGD	Industrial water, \$3.04 to \$3.54 not including electricity costs Industrial water, \$4.25 to \$4.75 including electricity costs Potable water, \$3.20 to \$3.70 not including electricity costs Potable water, \$4.60 to \$5.10 including electricity costs	Industrial and/or potable	6 months to 6 years (for 24MGD)	-Price is based on current plant design (up to 9.4MGD) and minimum volume commitment of 8 MGD -Open discharge of concentrate -Additional regulatory permits required -Construction of new pipeline needed to introduce to City's water distribution network
8	Corpus Christi Civic Leadership Group, LLC	Paul Choules (pchoules@water-cycle.co)	Desalination	Multiple agreement options	TBD	5 to 10 to 20+ MGD	\$2.90 to \$3.10 not including electricity costs \$3.30 to \$3.60 including electricity costs	Industrial and/or potable	9-12 months, w/ CC Polymer plant 2-3 years, new plant	-Various agreement approaches and options -Open discharge of concentrate -9 months to deliver industrial water with CC Polymer plant -9-12 months to deliver potable water with CC Polymer plant -Prices quoted subject to 5-10% increase for potable treatment costs -Price per 1,000 gallons quoted includes partnership with CC Polymers OR the City's Inner Harbor Site -Construction of new pipeline needed to introduce to City's water distribution network
9	IDE Technologies - Kiewit Co.	Mark M. Ellison, Director of Sales (Marke@ide-tech.com) Chris Morss, Director Assets and Development (chrism@ide-tech.com)	Desalination	P3 or DBO	P3 - 30+ years DBO - 5+ years	15+ MGD	Not Available	Potable	2-3 years after permitting	
10	Consolidated Water Co. Ltd.	John Tonner Chief Commercial Officer (jtonner@cwco.com)	Desalination	P3	TBD	Sized as needed	Proposed target cost between \$3.50 - \$4.50, contingent upon plant size and length of contract term	Potable	3-4.5 years	
11	Acciona	No Response								
12	Coastal Water Regional Supply	No Response								