



Technical Advisory Committee Meeting

January 26, 2021 • 1:30 p.m.

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TECHNICAL ADVISORY COMMITTEE
CHINO BASIN DESALTER AUTHORITY
3550 E. Philadelphia Street, Suite 170, Ontario, CA 91761

January 26, 2021 • 1:30 p.m.

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CALL TO ORDER

ROLL CALL

PUBLIC COMMENT

Members of the public may address the Committee on any item that is within the jurisdiction of the Committee; however, no action may be taken on any item not appearing on the agenda unless the action is otherwise authorized by Subdivision (b) of Section 54954.2 of the Government Code. Those persons wishing to address the Committee on any matter, whether or not it appears on the agenda, are requested to submit their request to comment to the Executive Assistant no less than one hour prior to the start of the meeting at (909) 218-3230 or ccosta@chinodesalter.org. Comments will be limited to five minutes per speaker.

ADDITIONS TO THE AGENDA

In accordance with Section 54954.2 of the Government Code (Brown Act), additions to the agenda require two-thirds vote of the legislative body, or, if less than two-thirds of the members are present, a unanimous vote of those members present, that there is a need to take immediate action and that the need for action came to the attention of the local agency subsequent to the agenda being posted.

- 1. MINUTES OF JANUARY 12, 2021 TECHNICAL ADVISORY COMMITTEE MEETING**
- 2. CHINO I OPERATIONS REPORT**
Report By: Chris Waggener/Inland Empire Utilities Agency
- 3. CHINO II OPERATIONS REPORT**
Report By: Bryan Smith/Jurupa Community Services District
- 4. CHINO II CONCENTRATE REDUCTION FACILITY OPERATIONAL UPDATE**
Report By: Thomas O'Neill, CDA General Manager/CEO
- 5. APPOINTMENT OF REPRESENTATIVE ON THE ACWA/JPIA BOARD OF DIRECTORS**
Report By: Thomas O'Neill, CDA General Manager/CEO
- 6. AMENDMENT 2 TO ACCO ENGINEERED SYSTEMS, INC. MAINTENANCE SERVICES AGREEMENT FOR HVAC PREVENTIVE MAINTENANCE AND REPAIR SERVICES**
Report By: Thomas O'Neill, CDA General Manager/CEO
- 7. SOUTH ARCHIBALD PLUME UPDATE**
Report By: Cindy Miller, South Archibald Plume Program Manager
- 8. CHINO I GAC UPDATE**
Report By: Cindy Miller, Hazen & Sawyer Program Manager

9. BOARD MEETING AGENDA ITEMS REVIEW

Report By: Thomas O'Neill, CDA General Manager/CEO

10. NEW BUSINESS/FUTURE TECHNICAL ADVISORY AGENDA ITEMS REVIEW


Report By: Thomas O'Neill, CDA General Manager/CEO

ADJOURN

Any person with a disability who requires accommodations in order to participate in this meeting or for package materials in an alternative format should telephone Executive Assistant C. at (909) 218-3730, at least 48 hours prior to the meeting in order to make a request for a disability-related modification or accommodation. Copies of records provided to Board Members which relate to any agenda item to be discussed in open session may be obtained from Chino Basin Desalter Authority at 3550 E. Philadelphia Street, Suite 170, Ontario, CA 91761

Declaration of Posting

I, Casey Costa, Executive Assistant to the Chino Basin Desalter Authority, hereby certify that a copy of this agenda has been posted at the Chino Basin Desalter Authority's main office, 3550 E. Philadelphia Street, Suite 170, Ontario, CA 91761 by January 22, 2021 at 1:30 p.m.



Casey Costa, Executive Assistant



Technical Advisory Committee Meeting

Agenda Item

No. 1

**CHINO BASIN DESALTER AUTHORITY
TECHNICAL ADVISORY COMMITTEE**

MINUTES

January 12, 2021 • 1:30 p.m.

A meeting of the Chino Basin Desalter Authority Technical Advisory Committee was held via audio/teleconference. CDA General Manager O'Neill called the meeting to order at 1:30 p.m.

Committee Members Present:

Dave Crosley, City of Chino
Mark Wiley, City of Chino Hills
Chris Bonadurer, City of Ontario
Ben Armel, Jurupa Community Services District
Todd Minten, Santa Ana River Water Company
John Lopez, Santa Ana River Water Company (Alternate)
Paul Rugge, Western Municipal Water District
Derek Kawaii, Western Municipal Water District

Others Present:

Thomas O'Neill, CDA General Manager/CEO
Michael Chung, CDA CFO/Treasurer
Chris Waggener, Inland Empire Utilities Agency
Cindy Miller, Hazen & Sawyer

PUBLIC COMMENT - There were no public comments.

ADDITIONS TO THE AGENDA – There were no additions to the agenda.

AGENDA ITEMS

1.	MINUTES OF DECEMBER 8, 2020 TECHNICAL ADVISORY COMMITTEE MEETING Minutes were approved as submitted.
2.	CHINO I OPERATIONS REPORT Report By: Chris Waggener/Inland Empire Utilities Agency <ul style="list-style-type: none">• Plant production average - 10.75 MGD• Annual winter maintenance shutdown performed December 14th - 17th<ul style="list-style-type: none">– Replaced JCSD end user isolation valves– CIP RO trains 1,2 3, 5– Rebuilt main pressure sustaining and relief valve– Replaced RO Trains 1-4 concentrate valves– Inspected and Cleaned Brine Saturation Tank 1• 12/29 - Well II-2 transfer switch failed during test and will be replaced• Well II-10 rehab in progress

3.	<p>CHINO II OPERATIONS REPORT Report By: Bryan Smith/Jurupa Community Services District</p> <ul style="list-style-type: none"> • Plant Production Average – 21.7 MGD • Gwinco is on site for air stripper project • NRV 6 is offline for inspection and repairs • CRF pellet reactor 3 was taken offline for pellet removal • Replaced mechanical seal on CRF RO #1 feed pump • Well II-10 is offline – Pump has been removed and General Pump is working on it. • Well II-9 main breaker was replaced
4.	<p>CHINO II CONCENTRATE REDUCTION FACILITY OPERATIONAL UPDATE Report By: Daniel Cardenas/Jurupa Community Services District</p> <p>Upcoming deliveries of calcium carbonate seed will be a consistently sized material which will assist in improvement of reactor bed management. Shutdown is scheduled tomorrow for programming and testing of CRF concentrate bypass valve.</p>
5.	<p>WATER DELIVERIES Report By: Thomas O’Neill, CDA General Manager/CEO</p> <p>Deliveries are at 104% of member agency entitlements. Percentage is expected to be lower over the next couple of months due to planned shutdowns.</p>
6.	<p>SOUTH ARCHIBALD PLUME PROJECT: AMENDMENT NO. 3 TO VALI COOPER/TRC’S AGREEMENT FOR PROGRAM MANAGEMENT SERVICES Report By: Cindy Miller, South Archibald Plume Program Manager</p> <p>Program Manager Miller reviewed the recommendation to approve an amendment to the professional services agreement with Vali Cooper & Associates / TRC for construction management and inspection services in the not-to-exceed amount of \$492,823.39 to provide for continued services through final project closeout in July 2021. The original budget established with Vali Cooper/TRC estimated a construction completion of February 2021 and project closeout completion of March 31, 2021. Since that time, construction schedule start dates and durations have changed from what was originally estimated, causing an overall longer construction duration as well as reduced construction contracts overlap, reducing the opportunity for resource efficiencies assumed in Vali Cooper/TRC’s original scope and budget. There were no questions or comments.</p>
7.	<p>SOUTH ARCHIBALD PLUME PROJECT: APPROVAL OF RESOLUTION NO. 2021-02 FOR PROP 68 GROUNDWATER OPERATIONS AND MAINTENANCE GRANT Report By: Thomas O’Neill, CDA General Manager/CEO</p> <p>General Manager O’Neill reviewed the recommendation to adopt Resolution No. 2021-02, authorizing the CDA to enter into an Operations and Maintenance Grant Agreement with the State Water Resources Control Board as a co-signer with the Inland Empire Utilities Agency (IEUA) to support the Chino Basin Improvement and Groundwater Clean-up Operations and Maintenance Project. The grant will be used for energy, chemicals, labor, water quality monitoring associated with South Archibald Plume facilities. Additionally, there is a provision to fund replacement of membranes in one of the trains. There were no questions or comments.</p>

8.	<p>COST OF LIVING ADJUSTMENT – CDA EMPLOYEES Report By: Michael Chung, CDA CFO/Treasurer</p> <p>Treasurer Chung reviewed the recommendation to approve a Cost-of-Living Adjustment of 2.1% for CDA employees, with the exception of the General Manager/CEO, effective Pay Period 1 of 2021. The recommended increase of 2.1% is based on the Consumer Price Index change reported by the Bureau of Labor Statistics from November 2019 to 2020 for urban wage earners and clerical workers in the Riverside-San Bernardino-Ontario area. There were no questions or comments.</p>
9.	<p>CHANGE TO EMPLOYEE BENEFIT PACKAGE FOR CDA EMPLOYEES Report By: Michael Chung, CDA CFO/Treasurer</p> <p>Treasurer Chung reviewed the recommendation to approve an increase of \$200 per month in the health insurance contribution for CDA fulltime employees (excluding the General Manager/CEO), effective Pay Period #1 of 2021. The current allowance for health insurance is \$1,500 per month per employee, and the recommended allowance is \$1,700 per month per employee. The latest premium increase for the Kaiser-Permanente option that employees have chosen is 8% for 2021. The fiscal impact is \$2,400 for the remaining portion of the FY 2020/21 budget. Derek Kawaii/WMWD asked about the plans offered to CDA employees; Treasurer Chung replied that CDA full-time employees have chosen a Kaiser Permanente plan.</p>
10.	<p>SOUTH ARCHIBALD PLUME UPDATE Report By: Cindy Miller, South Archibald Plume Program Manager</p> <p>Phase 1 Pipeline – Complete</p> <p>Phase 2 Pipeline – Completed pipeline casing under I-15 Freeway. Continuing down Wineville Avenue to Cantu Galleano towards Bellegrave. Encroachment permit amendment was received from the City of Jurupa Valley and we anticipate receiving the final portion of the encroachment permit for the remaining portion of pipeline in Bellegrave this week. Completion of Phase 2 Pipeline is expected to be complete April 2021.</p> <p>Phase 3 Pipeline – Complete</p> <p>Well II-12 – Cora Constructors is in the construction phase of the project. Grading has been completed and the building footing foundation is substantially complete. Construction of remainder of building and site improvements completion is expected April 2021.</p> <p>Decarbonator Modifications – Pascal and Ludwig removed decarbonator towers, put bypass in place and in operation, completed revised location of concentrate air gap structure and structural improvements inside Chino II Desalter for electrical and instrumentation raceways and are continuing construction for new air strippers. Working with AQMD to secure permit for operation of towers and expect to have permit by the end of the month.</p> <p>Monitoring Wells – Preconstruction meeting with Yellow Jacket is scheduled for tomorrow.</p>
11.	<p>CHINO I GAC UPDATE Report By: Cindy Miller, Hazen & Sawyer Program Manager</p> <p>Making progress with compliance with 97-005 permitting. CDA submitted recommendations to DDW for supplemental testing and source water characterization. Working on 90% design</p>

	submittal, expected to be submitted to the County January 2021 with final design completion in March 2021 and go out to bid in April 2021.
12.	BOARD MEETING AGENDA ITEMS REVIEW Report By: Thomas O’Neill, CDA General Manager/CEO General Manager O’Neill reviewed upcoming Board Items.
13.	NEW BUSINESS/FUTURE TECHNICAL ADVISORY AGENDA ITEMS REVIEW Report By: Thomas O’Neill, CDA General Manager/CEO General Manager O’Neill reviewed upcoming TAC Items.

There being no further business, the meeting was adjourned at 2:05 p.m.

Submitted by Casey Costa, CDA Executive Assistant



Technical Advisory Committee Meeting

Agenda Item

No. 2



**Chino I Desalter
Treatment Plant Operations**

Summary of Activities

January 5th, 2021 to January 20th, 2021

Well Field

Well Name	VFD Speed	Original Design Rate (gpm)	Current Production Rate (gpm)	Percent of Production	Operational (Yes/No)	Production Rate (gpm)	Status (Idle/Run)	Current Operation (gpm)
****I-1	0%	600	0	0%	No	0	Idle	0
****I-2	0%	300	0	0%	No	0	Idle	0
****I-3	0%	600	0	0%	No	0	Idle	0
I-4	0%	300	0	0%	Yes	0	Idle	0
I-5	100%	1,200	1,293	12%	Yes	1,293	Run	1,293
I-6	0%	350	0	0%	Yes	0	Run	0
*I-7	82%	1,200	365	3%	Yes	365	Run	365
I-8	100%	900	934	9%	Yes	934	Run	934
I-9	100%	1,200	1,202	12%	Yes	1,202	Run	1,202
I-10	0%	1,200	0	0%	No	0	Idle	0
I-11	100%	1,200	1,176	11%	Yes	1,176	Run	1,176
**I-13	74%	2,000	664	6%	Yes	664	Run	664
I-14	89%	2,200	1,885	18%	Yes	1,885	Run	1,885
****I-15	94%	2,000	2,132	20%	Yes	2,132	Run	2,132
I-16	100%	250	172	2%	Yes	172	Run	172
I-17	0%	200	0	0%	No	0	Idle	0
I-20	100%	400	382	4%	Yes	382	Run	382
I-21	100%	400	229	2%	Yes	229	Run	229
gpm	Total	16,500	10,434	100%	100%	10,434	100%	10,434
MGD		23.76	15.02			15.02		15.02

Primary RO Treatment

Train	Recovery Rate	Production (gpm)	(MGD)
1	79.0%	1,265	1.82
2	79.0%	1,265	1.82
3	79.0%	1,265	1.82
4	79.0%	1,265	1.82
5	79.0%	1,265	1.82
		6,324	9.11

Ion Exchange Treatment

Train	(gpm)	(MGD)
1	500	0.72
2	500	0.72
3	500	0.72
4	500	0.72
	2,000	2.88

VOC Bypass

Production (gpm)	(MGD)
0	0.00

Brine Flow

Production (gpm)	(MGD)
1,681	2.42

Summary of Activities

1/6/21-End User Booster #2 Field trimmed and balanced.

1/11/21-New Brine saturator tank vent screens installed.

1/13/21-Well #20 Level sensor replaced.

RO Permeate Turbidimeter replaced.

1/18/21- Well #I-10 Rehab began

Chino I Desalter will need to schedule a 2 day shutdown on March 1st-2nd, 2021 to finish programming of RO PLC's, NRV Brine inlet piping replacement, Decarbinator 2 inspection, Inhibitor flow meter replacement, RO Train 1 inlet valve replacement.

Plant Efficiency

	Flow in (gpm)	Flow Out (MGD)
Wells	10,434	15.02
Brine	-1681	-2.42
	8,753	12.60

Plant Production

	(gpm)	(MGD)
Primary RO	6,324	9.11
Ion Exchange	2,000	2.88
Raw Bypass	0	0.00
	8,324	11.99

* Air Problem

** Sand Problem

***Cooling Problem

****Out of Service



Technical Advisory Committee Meeting

Agenda Item

No. 3



**Chino II Desalter
Treatment Plant Operations**

Summary of Activities

January 7, 2021 to January 20, 2021

Well Field

Well Name	VFD Speed	Original Design Rate (gpm)	Current Production Rate (gpm)	Percent of Production	Operational (Yes/No)	Production Rate (gpm)	Status (Idle/Run)	Current Operation (gpm)
II-1	100%	2,000	1,396	8%	Yes	1,396	Run	1,664
II-2	Fixed	2,000	1,435	8%	Yes	1,435	Run	1,682
II-3	Fixed	2,000	1,500	9%	Yes	1,500	Run	1,726
II-4	100%	2,000	1,576	9%	Yes	1,576	Run	1,690
II-6	100%	2,000	1,460	9%	Yes	1,460	Run	1,507
II-7	100%	1,200	829	5%	Yes	829	Run	956
II-8	Fixed	1,500	1,045	6%	Yes	1,045	Run	919
II-9	Fixed	2,000	1,575	9%	Yes	1,575	Run	1,709
II-10	100%	3,700	3,260	19%	No	0	Idle	0
II-11	100%	3,300	3,001	18%	Yes	3,001	Run	3,425
II-12								
gpm	Total	21,700	17,077	100%	81%	13,817	89%	15,278
MGD		31.25	24.59			19.90		22.00

Primary RO Treatment

Train	Recovery Rate	Production (gpm)	(MGD)
1	83.5%	1,390	2.00
2	83.5%	1,390	2.00
3	83.5%	1,390	2.00
4	83.5%	2,250	3.24
5	83.5%	2,250	3.24
		8,670	12.48

Ion Exchange Treatment

NRV		NRV			
(gpm)	(MGD)	(gpm)	(MGD)		
1	721	1.04	5	0	0.00
2	0	0.00	6	0	0.00
3	737	1.06	7	0	0.00
4	752	1.08	8	790	1.14
			3,300		4.75

Raw Bypass

Production	
(gpm)	(MGD)
2,159	3.11

Brine Flow

Production	
(gpm)	(MGD)
720	1.04

Secondary RO Treatment

Train	Recovery Rate	Production (gpm)	(MGD)
1	70.0%	0	0.00
2	70.0%	490	0.71
3	70.0%	490	0.71
		980	1.41

Plant Efficiency

Flow in Vs. Flow Out		
	(gpm)	(MGD)
Wells	15,278	22.00
Brine	-720	-1.04
	14,558	20.96
	95.3%	

Plant Production

All Treatment Trains		
	(gpm)	(MGD)
Primary RO	8,670	12.48
Ion Exchange	3,300	4.75
Raw Bypass	2,159	3.11
Secondary RO	980	1.41
	15,109	21.8

Summary of Activities

- * Daily Plant Rounds/Weekly Samples
- * Weekly Calibrations
- * P&L/Gwinco onsite for Air Stripper Project
- * ACCO Air conditioning on-site for maintenance at Chino 2 and CRF
- * Chino 2 Removed Brine Laterals and Header for Repairs on NRV-6
- * CRF Shut Down 1/13/21 to land wires for Bypass Rotork Actuator. Actuator Programmed and Tested
- * CRF Repaired leak on Surface Wash Pump #3
- * CRF Received New Pellet Seed material delivered 1/19/21
- * 1/20/21 Chino 2 and CRF Shut Down for P&L to instal Bypass Rotork, Move concentrate flow meter
- * During shut Down P&L replaced remaining Decarbonator valves.
- * During Shut Down Chino 2 Made Repairs to leaking Threshold Inhinitor injection point
- * During Shut Down Chino 2 Repaired Chlorine Leaks
- * During Shut Down CRF Repaired Leak on Pellet Reactor Caustic Injection Point



Technical Advisory Committee Meeting

Agenda Item

No. 5



SUBJECT: APPOINTMENT OF REPRESENTATIVE ON THE ACWA/JPIA BOARD OF DIRECTORS

RECOMMENDATION:

Staff recommends that the Board of Directors:

1. Appoint a Representative on the Association of California Water Agencies/Joint Powers Insurance Authority (ACWA/JPIA) Board of Directors.

BACKGROUND:

In January 2017 the Board approved CDA’s membership in ACWA/JPIA to enable participation in various insurance programs they offer, including Health, Liability, Property, and Workers’ Compensation. The ACWA/JPIA Board of Directors is comprised of one representative from each member, who must be a Director of the member’s governing board, and an alternate, who may be a Director or an employee of CDA.

Director Betty Anderson, Jurupa Community Services District, was appointed as representative in January 2017 and Director Robert Stockton, Western Municipal Water District was appointed at the June 6, 2019 Board Meeting. Staff requests the appointment of a representative who shall serve until a successor is appointed. The alternate representative is the General Manager/CEO.

The ACWA/JPIA Board of Directors meets twice per year: once at the ACWA/JPIA Spring Conference and once at the ACWA/JPIA Fall Conference. The ACWA/JPIA Conferences are held at the same locations and immediately prior to the ACWA Spring and Fall Conferences.

IMPACT ON BUDGET:

There is no impact to the budget.



Technical Advisory Committee Meeting

Agenda Item

No. 6



SUBJECT: AMENDMENT 2 TO ACCO ENGINEERED SYSTEMS, INC. MAINTENANCE SERVICES AGREEMENT FOR HVAC PREVENTIVE MAINTENANCE AND REPAIR SERVICES

RECOMMENDATION:

Staff recommends that the Board:

1. Approve Amendment 2 to ACCO Engineered Systems, Inc. Maintenance Services Agreement for HVAC Preventive Maintenance and Repair Services in the amount of \$100,000.
2. Authorize the General Manager/CEO to finalize and execute the amendment with a not-to-exceed total of \$200,000.

BACKGROUND:

In August 2019 a Request for Proposals was published via PlanetBids for HVAC Preventive Maintenance and Repair Services. Proposals were requested for regularly scheduled Preventive Maintenance Services for 59 HVAC units located at Chino I and Chino II facilities, and rates for additional service calls for general and emergency repairs. A total of 6 responses were received, with ACCO Engineered Systems, Inc. as the low bidder. CDA entered into a Maintenance Service Agreement for regularly scheduled preventive maintenance services in the amount of \$3,425 per month for all units and an amendment to the agreement to include repair services for a not-to-exceed total of \$100,000.

Expenditures for maintenance and repairs at Chino I and Chino II facilities are \$99,000 to date. Monthly Preventive Maintenance for the remainder of the contract term amounts to \$20,000 and staff is requesting \$80,000 for potential system repair services. The not-to-exceed total of the agreement would be \$200,000.

This agenda item was reviewed/approved by the Technical Advisory Committee on January 26, 2021 and the Finance Committee on January 28, 2021.

IMPACT ON BUDGET:

HVAC services are part of the Professional Services Category. There is currently sufficient budget within the Professional Services Category to offset this expense.

ATTACHMENT "A" - BID SCHEDULE - CHINO BASIN DESALTER AUTHORITY HVAC MAINTENANCE AND REPAIR SERVICES

Offeror shall quote a fixed unit price for the initial contract term, from approximately October 1, 2019 to June 30, 2021

BIDDER NAME:

ACCO ENGINEERED SYSTEMS

SCHEDULE FOR PREVENTATIVE MAINTENANCE SERVICES

Location	Model #	Manufacturer	Serial #	Filter Size	Belts	Monthly Price
CI OPERATIONS	THA24052BN1G	LENNOX	S605L12481	24X24X2(6)	X	\$ 116.00
CI OPERATIONS	50TCQA06A2A6A0A0A0	CARRIER	3313C79555	16X25X2(2)	X	\$ 69.00
CI OPERATIONS	AOU18RLFC	FUJITSU	LPN000299	WASHABLE		\$ 52.00
CI OPERATIONS	50TCQA06A2A6AO	CARRIER	1712C69987	16X25X2(2)	X	\$ 69.00
CI CHEM	63-C-WHD-X-G-X-00+TB	SPECIFIC SYSTEMS	T-11701-02	WASHABLE		\$ 52.00
CI OPERATIONS	50TC-D14A2A6AO	CARRIER	3315P84157	20X20X2X(4)	X	\$ 116.00
CI OPERATIONS	CR43-0816-021H	HOFFMAN	04023065-3	WASHABLE		\$ 28.00
CI CHEM	W24A1-C06BP4X3J	BARO	316N112860080-02	16X25X1		\$ 62.00
Well I-1	W36CF00B1F00A	EUBANKS	021-P22764	14X28X1		\$ 57.00
Well I-2	W36CF00B1F00A	EUBANKS	02H-P22710	14X28X1		\$ 57.00
Well I-3	W36CF00B1F00A	EUBANKS	02H-P22713	14X28X1		\$ 57.00
Well I-4	W36CF00B1F00A	EUBANKS	02H-P22712	14X28X1		\$ 57.00
Well I-5	W36CF00B1F00A	EUBANKS	01J-P22484W	14X28X1		\$ 57.00
Well I-6	W36CF00B1F00A	EUBANKS	N/A	14X28X1		\$ 57.00
Well I-7	W36CF00B1F00A	EUBANKS	02H-P22711	14X28X1		\$ 57.00
Well I-8	W36CF00B1F00A	EUBANKS	02H-P22714	14X28X1		\$ 57.00
Well I-9	W36CF00B1F00A	EUBANKS	02H-P22763	14X28X1		\$ 57.00
Well I-10	W36CF00B1F00A	EUBANKS	02H-P22762	14X28X1		\$ 57.00
Well I-11	W36CF00B1F00A	EUBANKS	01J-P22482W	14X28X1		\$ 57.00
Well I-13	K2A3C30EP56BR	KOOLTRONIC	D04A1055	N/A		\$ 57.00
Well I-15	K2A3C30EP56BR	KOOLTRONIC	D04A1065	N/A		\$ 57.00
Well I-16	1Q12000V	ICE QUBE	1A122015-3	WASHABLE		\$ 28.00
Well I-17	1Q12000V	ICE QUBE	1A122015-3	WASHABLE		\$ 28.00
Well I-20	1Q800T	ICE QUBE	1A8827 17-2	WASHABLE		\$ 28.00
Well I-21	1Q800T	ICE QUBE	1A8828 17-2	WASHABLE		\$ 28.00
CII - Lunch/Server Rm	TWA090D40RAA	TRANE	143412M8YA	N/A		\$ 50.00
CII - Lunch/Server Rm	TWE090A300EL	TRANE	4344RGCBD	16X25X1 (3)	X	\$ 50.00
CII - Control Rm	TWA090A400FA	TRANE	4142RDMAD	N/A		\$ 50.00
CII - Control Rm	TWE090A300EL	TRANE	4344M68BD	16x25x1 (3)	X	\$ 50.00
CII - MCC Rm	TWA090A400FA	TRANE	41536A1AD	N/A		\$ 50.00
CII - MCC Rm	TWE090A300EL	TRANE	4352N5SBD	16X25X1 (3)	X	\$ 50.00
CII - MCC Rm	TWA090A400FA	TRANE	4144MSLAD	N/A		\$ 50.00
CII - MCC Rm	TWE090A300EL	TRANE	4344RGGBD	16X25X1 (3)	X	\$ 50.00
CII - MCC Rm	TTA300F40TAA	TRANE	14494UUGTA	N/A		\$ 50.00
CII - MCC Rm	TWE300E400AA	TRANE	14474PHRWA	16X25X2 (2)		\$ 88.00
CII - Transfer Pump Bld MCC	ZH150N15N4AAA5A	YORK	N1A4321521	20x24x2 (4)	X	\$ 39.00
CII - 1010 Pump MCC	3BAPS03064A10020	CARRIER	3314Q51547	N/A		\$ 39.00
CII - 1010 Pump MCC	40RUAA30A5A6A0A0A0	CARRIER	2714U01656	20X24X2 (8)	X	\$ 61.00
CII - Warehouse	4TTA3036E3000BA	TRANE	170823LU3F	N/A		\$ 61.00
CII - Warehouse	GAF2A0A36S31EEA	TRANE	162856E7BV	16X20X2 (1)	X	\$ 65.00
CRF So. - MCC Rm	TSC060E4ROA1J00COA	TRANE	150610888L	16X20X2 (4) 20X30X2 (2)	X	\$ 88.00

ATTACHMENT "A" - BID SCHEDULE - CHINO BASIN DESALTER AUTHORITY HVAC MAINTENANCE AND REPAIR SERVICES

Offeror shall quote a fixed unit price for the initial contract term, from approximately October 1, 2019 to June 30, 2021

BIDDER NAME:

ACCO ENGINEERED SYSTEMS

SCHEDULE FOR PREVENTATIVE MAINTENANCE SERVICES

Location	Model #	Manufacturer	Serial #	Filter Size	Belts	Monthly Price
CRF S.-Centrifuge Cntrl Rm	CU-E12NKUA	PANOSONIC		N/A		\$ 27.00
CRF N.-Dwnstrs BathRm	CU-KE12NK1	PANOSONIC	17444	N/A		\$ 27.00
CRF North - Filter area	CSAA004UBL00	TRANE	K15A06557	20X20X4 (2)	X	\$ 69.00
CRF North - Control Rm	CU-E24NKUA	PANASONIC		N/A		\$ 53.00
CRF North - ConfRm/Ofc	4WCC404A1000AA	TRANE	15044HMG9H	18X25X1 (1)		\$ 60.00
CRF North - RO Rm	CSAA017UBL00	TRANE	K15A06563	20X24X4 (4) 20X20X4 (2)	X	\$ 88.00
CRF North - RO Rm	CSAA025UBLOO	TRANE	K15A06569	12X24X4 (4) 16X20X4 (2) 20X20X4 (6)	X	\$ 170.00
MCC Rm	TSD150F4R0A0400C0A1A0	TRANE	150510271D	20X20X2 (2) 20X20X2 (4)	X	\$ 88.00
Well II-1 East	W36A2 - A05	BARD WALL MOUNT	309J153252589-02	10 x 30 x 2		\$ 57.00
Well II-1 West	W36A2 - A05	BARD WALL MOUNT	309J153752590-02	10 x 30 x 2		\$ 57.00
Well II-4 East	W36HA-A05	BARD WALL MOUNT	278B183519355-02	10 x 30 x 2		\$ 57.00
Well II-4 West	N/A	COOLTRONIC	N/A	Washable		\$ 28.00
Well II-6 North	W36HA-A05	BARD WALL MOUNT	309H133033175-02	10 x 30 x 2		\$ 57.00
Well II-6 So.	W36HA-A05	BARD WALL MOUNT	309H133033178-02	10 x 30 x 2		\$ 57.00
Well II-7 East	N/A	COOLTRONIC	N/A	Washable		\$ 25.00
Well II-7 West	W36HA-A05	BARD WALL MOUNT	278H183560614-02	14 x 25 x 1		\$ 57.00
Well II-10	50HC-A07A2A6-A0C0	CARRIER	3716P38285	16 x 20 x 2 (x4)		\$ 70.00
Well II-11	50HC-A07A2A6-A0C0	CARRIER	3716P38286	16 x 20 x 2 (x4)		\$ 70.00
TOTAL MONTHLY PRICE FOR PREVENTATIVE MAINTENANCE						\$ 3,425.00

SCHEDULE FOR GENERAL AND EMERGENCY REPAIRS

Regular Business Hours:	7am-4pm	
Hourly Repair Rate	\$	119.00
Minimum Daily Charge		\$174
	(1 hour labor + truck charge)	
After Regular Business Hours:		
Hourly Repair Rate	\$	179.50
Minimum Charge		\$234.50
Overtime Rate (Mon-Fri)	\$	179.50
Overtime Rate Saturday	\$	179.50
Overtime Sunday and Holiday	Sunday \$179.50	Holidays \$238.00
Repair Material Mark-Up Rate		20%

END OF BID SCHEDULE FORM



Technical Advisory Committee Meeting

Agenda Item

No. 9

Chino Basin Desalter Authority
Board Meeting Agenda Items

February 4, 2021 Board Meeting (Special)		TAC	Finance
COLA and Health Insurance Allowance for CDA Employees	Chung/CDA	1/12/2021	1/28/2021
South Archibald Plume: TRC Amendment	O'Neill/CDA	1/12/2021	1/28/2021
Grant Agreement and Adoption of Resolution for Prop 68 GW Operations	O'Neill/CDA	1/12/2021	1/28/2021
Amendment 2 to ACCO Engineered Systems, Inc. Maintenance Services Agreement f	O'Neill/CDA	1/26/2021	1/28/2021
Appoint CDA Representative for ACWA/JPIA BOD	O'Neill/CDA	1/26/2021	1/28/2021

March 4, 2021 Board Meeting (Special)		TAC	Finance
Review and Approval of Reserve Policy	Chung/CDA	2/9/2021	2/25/2021
Review and Approval of Investment Policy	Chung/CDA	2/9/2021	2/25/2021
Reconciliation of the Allocation of Costs for Fiscal Year 2019/20 and Related Reserve Balance Analysis	Chung/CDA	2/9/2021	2/25/2021
Pascal & Ludwig Change Order for Chino II Air Stripper Project	O'Neill/CDA	2/9/2021	2/25/2021
General Manager Contract (Closed Session)		-	2/25/2021



Technical Advisory Committee Meeting

Agenda Item

No. 10

Chino Basin Desalter Authority

TAC Meeting Agenda Items

February 9, 2021
Meeting Minutes
Chino I Operations Report
Chino II Operations Report
CRF Update
Water Deliveries
Review/Approval of Reserve Policy
Review/Approval of Investment Policy
Reconciliation of Allocation of Costs
South Archibald Plume Update
Chino I GAC Update

February 23, 2021
Meeting Minutes
Chino I Operations Report
Chino II Operations Report
Change Order to Pascal & Ludwig for Air Stripper Project
CRF Update
South Archibald Plume Update
Chino I GAC Update