

City of Calipatria
Council Chambers
May 23, 2023
6 PM

REGULAR MEETING OF THE CITY COUNCIL
OF THE CITY OF CALIPATRIA
PLEASE TURN OFF ALL ELECTRONIC DEVICES
AGENDA

CALL TO ORDER:

PLEDGE OF ALLEGIANCE:

INVOCATION:

ROLL CALL: Mayor: Maria N-Froelich, MayorProTem Sylvia Chavez, Javier Amezcua, Mike Luellen, Fred Beltran

PRESENT:

ABSENT:

ALSO PRESENT:

MAYOR'S MESSAGE/PUBLIC COMMENT

At this time the Council will hear comments on any agenda item and on any item not on this agenda. Personal attacks on individuals, slanderous comments or comments that may invade an individual's privacy are prohibited. If you wish to be heard, please stand and address yourself to the mayor, we request that you limit your remarks to no more than three (3) minutes.

THIS AGENDA CONTAINS A BRIEF GENERAL DESCRIPTION OF EACH ITEM TO BE CONSIDERED. EXCEPT AS OTHERWISE PROVIDED BY LAW, NO ACTION OR DISCUSSION SHALL BE TAKEN ON ANY ITEM NOT APPEARING IN THE FOLLOWING AGENDA

INFORMATION REPORTS

Fire

City Manager letter to Staff, residents, council, and community partners

League of Cities May 25th dinner

MOTION: SECOND: VOTE:
 CONSENT AGENDA

1. Minutes- April 25th
2. Calipatria Foundation (fireworks committee) requesting funds from existing city held fireworks account (\$6847.11)

NEW BUSINESS

MOTION: SECOND: VOTE:
 SSECOND READING OF ORDINANCE 23-001 – J. Galvan- the Holt Group

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF CALIPATRIA AMENDING CHAPTER 2.12 OF THE CALIPATRIA ZONING ORDINANCE, AFFECTING REGULATIONS FOR ACCESSORY STRUCTURES IN LOW AND MEDIUM DENSITY RESIDENTIAL ZONES

WHEREAS, Table 2-1 on Chapter 2.12 of the City of Calipatria Zoning Ordinance does not permit accessory structures within Single-Family Residential (R-1) zones and conditionally allows accessory structures within Medium Density Multi-Family (R-2) zones; and

WHEREAS, there is significant interest by residents for the development of accessory structures within R-1 and R-2 zones; and

WHEREAS, accessory structures are important features of residential development projects which also complement principle features of the property and improve the quality of development within all R-1 and R-2 zones; and

WHEREAS, the proposed Text Amendment will further the objectives in the Zoning Ordinance as it relates residential uses; and

WHEREAS, on April 18, 2023, following a public hearing, the Planning Commission weighed the evidence presented therein, and recommended that the City Council adopt the proposed Zoning Code Text Amendment via Resolution 23-002 PC; and

WHEREAS, a duly noticed public hearing was held by the City Council during their regularly scheduled meeting on May 9, 2023, to consider comments for and against the proposed Zoning Code Amendments; and

WHEREAS, pursuant to Section 4.22.50 of the Calipatria Zoning Ordinance, the City Council of the City of Calipatria does hereby find that:

- (a) The proposed amendments are consistent with the General Plan, and
- (b) The proposed amendments are consistent with other applicable provisions of the Calipatria Zoning Ordinance, and
- (c) The proposed amendments will not be detrimental to the public health, safety, or welfare of the City.

NOW THEREFORE, BE IT RESOLVED AS FOLLOWS:

Chapter 2.12 “Residential Zones” of the Calipatria Zoning Ordinance is hereby amended as follows per the denoted underlined sections:

2.12.020 Residential Zones Allowable Land Uses and Permit Requirements

Table 2-1. Residential Zones Allowable Land Uses and Permit Requirements

Land Use

R-1

R-2

R-3

MHP Specific Use Regulations

Recreation, Education, and Public Assembly

Accessory Structure -- P CUP P P P Section 2.26.020

DISCUSSION/DIRECTION

Emergency Item and Other Actions Regarding Repairs to the Delta Street Lift Station and the Wastewater Treatment Plant – Councilmembers N-Froelich – Amezcua

1. Purchase and Install Stairs and Grates
2. Purchase and Install Aerators
3. Purchase Chemicals
4. Purchase Sampling Equipment
5. Repairs to the Delta Street Lift Station
6. Preliminary Engineering Report for Wastewater Treatment Plant

Chuckwalla National Monument support letter- Councilmember N-Froelich

MOTION: SECOND: VOTE:

ADJOURN TO CLOSED SESSION:

PUBLIC EMPLOYEE APPOINTMENT Govt Code 54957(b)(1)

Three (3)cases

Title : 1. City Manager

Title : 2. Finance Director

Title: 3. Public Works Director

MOTION: SECOND: VOTE:

RECONVENE TO CLOSED SESSION

ANNOUNCEMENT FROM CLOSED SESSION

- 1)
- 2)
- 3)

COUNCIL REPORTS:

Beltran:

Luellen:

Amezcuca:

Chavez:

Nava-Froelich:

STAFF:

Saucedo:

Hoff:

MOTION: SECOND: VOTE:
ADJOURN:

Calipatria Fire Department

Calipatria, CA

This report was generated on 5/18/2023 8:21:07 AM



Incident Type Count per Station for Incident Status

Incident Status: All | Start Date: 04/01/2023 | End Date: 04/30/2023

INCIDENT TYPE	# INCIDENTS
Station: ST1 - CALIPATRIA FIRE DEPT	
Incident Status: Reviewed	
100 - Fire, other	1
111 - Building fire	1
112 - Fires in structure other than in a building	2
113 - Cooking fire, confined to container	1
118 - Trash or rubbish fire, contained	1
121 - Fire in mobile home used as fixed residence	1
122 - Fire in motor home, camper, recreational vehicle	1
138 - Off-road vehicle or heavy equipment fire	1
140 - Natural vegetation fire, other	1
142 - Brush or brush-and-grass mixture fire	5
321 - EMS call, excluding vehicle accident with injury	17
322 - Motor vehicle accident with injuries	1
323 - Motor vehicle/pedestrian accident (MV Ped)	2
600 - Good intent call, other	1
611 - Dispatched & cancelled en route	4
Total Reviewed Incidents for ST1 - CALIPATRIA FIRE DEPT:	40

Displays a count of each Incident Type for the selected Date Range, grouped by Station and Incident Status.



Romualdo J. Medina
6586 Riley Road
Calipatria, CA. 92233
April 25, 2023

To the City of Calipatria Staff, Residents, Council and Community Partners,

My tenure as City Manager for the City of Calipatria ended on April 17, and I want to express my appreciation and gratitude for entrusting me with this position for the past 22 years (2000-2023). Thank you for the opportunity to serve and work with you to make our community a place we are proud to call home.

To my fellow city staff, I am incredibly proud to have worked with each of you and appreciate your steadfast efforts in providing essential public services while operating with limited resources. Each of you "wears many hats" due to the small size of our municipality, demonstrating not only your professionalism and hard work, but a shared sense of duty to this city. To our past and present city council, residents, and community partners, many who I am blessed to call friends, thank you for caring so much about our community and your strong commitment to the success of Calipatria.

I take immense pride in the work and many successes we have accomplished together during my tenure, especially while navigating through many challenging environments. Three outstanding accomplishments deserve special mention. First and foremost, the City of Calipatria's financial status is in the best position of its 103-year history. The city reduced a general fund structural deficit of \$1.5 million it had incurred prior to 2000. The 2000 city council seriously considered filing bankruptcy, but we "rolled up our sleeves" and worked together utilizing responsible financial practices and resourcefulness, leading to solvency. I am also proud to highlight the development of the Street Improvement Plan which has resulted in the rehabilitation and re-construction of over 85% of our city streets. A third notable achievement is the city's success in seeking and obtaining millions in grant funding and bonds during these past 22 years which made possible the improvements on the city's infrastructure, streets, wastewater plant, parks, and public services, without imposing a single tax on residents. As of April 17, the city has \$15 million of grant funded projects in progress, with most scheduled to be completed this year. These current improvements projects include the South Brown Avenue Street, Main Street, Eastside Stormwater, Hernandez Park, Rademacher and Caldwell Parks, Delta Lift-Station, and the new Date Street Park. Additionally, the city's plan for new development will bring the construction of 130 new homes, 20 independent home projects, multiple apartment complexes, two (2) new drive-thru Donut Avenue restaurants, new ownership and re-opening of Cali-Mart, and Valley Medical Pharmacy. Also, the State Clearinghouse approval for surplus of the airport property will provide for future retail, industrial and housing development. As our city moves forward, the City of Calipatria is well positioned to capitalize on the economic opportunities the Lithium industry will bring to our community.

As a lifelong resident of Calipatria it has truly been a privilege and honor to work for and be of service to our community. I sincerely thank you and extend my best wishes for the future success of Calipatria.

Respectfully,



Romualdo J. Medina

City of Calipatria
 125 N. Park AV
 April 25, 2023
 6 PM

REGULAR MEETING OF THE CITY COUNCIL
 OF THE CITY OF CALIPATRIA
PLEASE SHUT OFF ALL ELECTRONIC DEVICES
 TENTATIVE MINUTES

CALL TO ORDER: 6:00PM

PLEDGE OF ALLEGIANCE: *Mr. McBroom*

INVOCATION: *Smerdon*

ROLL CALL: Mayor: Maria N-Froelich, MayorProTem Sylvia Chavez, Javier Amezcua, Mike Luellen, Fred Beltran

PRESENT: *All*

ABSENT: *None*

ALSO PRESENT: *Chief's Llanas & Mara, Smerdon, N. Saucedo*

MAYOR'S MESSAGE/PUBLIC COMMENT

At this time the Council will hear comments on any agenda item and on any item not on this agenda. Personal attacks on individuals, slanderous comments or comments that may invade an individual's privacy are prohibited. If you wish to be heard, please stand and address yourself to the mayor, we request that you limit your remarks to no more than three (3) minutes. 1) *Mark McBroom 655 Corn Road, with the city manager gone, I would just like to say to take your time, don't be in a hurry- learn patience, take local input- I have worked with Gafon- listen to them* 2) *Christian Froelich 239 e. California St., in regard to the airport being surplus- just put more through into before selling-* 3) *Jimmy Savala 446 n. lake Av, have been a resident for 66 years- with CTR "Lithium Valley" – will come to the city and push us- we need new everything- more police, fire, city needs a grant writer*

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INFORMATION REPORTS

Fire

Abatement

Police

MOTION: *Amezcua*

SECOND: *Luellen*

VOTE: *Carried*

CONSENT AGENDA

1. Minutes- March 28th
2. Warrants- April 25th
3. Support Letter AB918-after much discussion-it was motioned to oppose this support letter

NEW BUSINESS

MOTION: *Beltran*

SECOND: *Luellen*

VOTE: *Carried*

RESOLUTION 23-19 The Holt Group/ M. N-Froelich- mayor

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CALIPATRIA DESIGNATING THE CITY MAYOR OR HIS/HER DESIGNEE AS THE CITY OF CALIPATRIA’S AUTHORIZED SIGNATOR FOR THE 2020 COMMUNITY DEVELOPMENT BLOCK GRANT PROGRAM CORONAVIRUS RESPONSE ROUND 1 (CDBG-CV1)

WHEREAS, the City of Calipatria received funding from the State of California under 20-CDBG-CV1-00183 for improvements to its public facilities; and

WHEREAS, the City Council of the City of Calipatria designated the City Manager as the City’s authorized signator for the CDBG program; and

WHEREAS, the City of Calipatria is currently in the process of recruiting a new City Manager; and

NOW, THEREFORE THE CITY COUNCIL OF THE CITY OF CALIPATRIA DOES HEREBY RESOLVE AS FOLLOW:

A) The City hereby authorizes and directs the Mayor, or his/here designee, to act on behalf of the city’s behalf in all matters pertaining to all such applications and/or amendments.

MOTION: *Chavez* SECOND: *Luellen* VOTE: *Carried*
RESOLUTION 23-20 C. Hoff City Clerk

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CALIPATRIA REMOVING THE FOLLOWING SIGNATURE ROMUALDO MEDINA FOR CHECK AUTHORIZATION FOR ALL FINANICIAL INSTITUTIONS AND THE LOCAL AGENCY INVESTMENT FUND (L.A.I.F.)

WHEREAS, the City of Calipatria requires two signatures on all checks for payment; and

WHEREAS, the following people have said authorization:

Catherine Hoff, City Clerk _____

Natasha Saucedo, Administrative Asst. _____

WHEREAS, a signed contract is required between the financial institutions, and

THEREFORE BE IT RESOLVED; the city clerk has authorization to sign said contract;

THEREFORE BE IT FURTHER RESOLVED, the above signatures are approved by the Calipatria City Council;

DISCUSSION/DIRECTION

Calipatria Health Care Clinic- Mayor Nava-Froelich-S. Chavez and myself toured city buildings with Dr. Tyson and Dr Tyrk; he would like to bring a healthcare clinic to Calipatria-wants to rent the WellBeing for 15 years- the building needs to be assessed for repair – need more negotiation – direction to move forward

City Treasurer- Mayor Nava-Froelich- Westmorland has a council form of government- they have a treasurer as a liaison between the council and dept. heads- also works with Bookkeepers accounting would like to get a treasurer-Smerdon stated it’s a state law to have a treasurer, usually the finance is the treasurer also- direction given to get finance ofc.

MOTION: *Amezcu* SECOND: *Beltran* VOTE: *Carried*
ADJOURN TO CLOSED SESSION

- 1) Finance Director

- 2) Public Works Director
- 3) City Manager

MOTION: SECOND: VOTE:
 RECONVENE TO OPEN SESSION

ANNOUNCEMENT FROM CLOSED SESSION

- 1) direction given
- 2) ""
- 3) ""

COUNCIL REPORTS:

Beltran: *Nothing to report*

Luellen: *AB 617 workshop 5:30/7:30 NAC this Thursday 6PM;*

Amezcu: *visited lift station-bad shape- I though the COVID money suppose to fix wiring at lift station?*

Chávez: *the 26th is AB617 workshop here at the council chambers/talking about the Colorado River- will start phase 3 for tree planting- next item is irrigation for trees.*

Nava-Froelich: *Congratulated Chavez for phase 3 of tree planting- attended the lions meeting- working on graffiti, homeless- looking for volunteers- will attend the AB617 meeting- met with Mr. Smerdon and Steve Duckett- goes to ACD- show city has complied with all regulations- did vote airport as surplus land- will be converted to light industrial – Ryan Williams wants to lease one acre behind airport behind Calipatria Inn- only needs it for a season- council said NO, I will inform him- SCAG conference May 4 & 5th*

STAFF:

Hoff: *nothing to report*

MOTION: *Beltran* SECOND: *Luellen* VOTE: *Carried*
 ADJOURN: *7:30pm*

May 19, 2023

The Calipatria Foundation
PO Box 443
Calipatria, CA 92233

Dear Mayor Nava-Froelich and City Council,

As the Firework Show comes near, we have expenses besides the firework show. We, The Calipatria Foundation, would like to request the balance of \$6,847.11 that is in the City's firework account. This money will be used to off-set expenses.

Make the check payable to the Calipatria Lion's Club, memo Firework show.

Thank you. In service and gratitude.

Lourdes Jasso
The Calipatria Foundation, President

Hector Cervantes
The Calipatria Foundation, Vice-President

City of Calipatria

List of **PRIORITY** items needed at the WWTP and Delta Lift Station

- **Pond #1 major maintenance**. Sludge blanket accumulated on the bottom needs to be removed. This creates anoxic conditions and affects the general treatment process (see attached emails).
- **Pond #3 sludge removal and general inspection of the liner**. Some evidence of percolation has been observed in certain sections of the perimeter of this pond, indicating that the liner is compromised. The installation of air relief valves, like the ones installed in Pond #2 in 2020, is very important.
- **Additional aeration units for ALL 4 ponds**. To this date, the system is operating with less than 50% capacity regarding the number of aerators. Only three aeration units are operating for the whole system (7-25 HP are needed to reach adequate oxygenation and mixing in the facultative ponds). At least four more aerators are needed for proper aeration and mixing at the WWTP lagoons. Microorganisms (mostly friendly bacteria) require minimum dissolved oxygen levels to adequately liquify and digest the wastewater coming from the town residents and from the State Prison. At this regard, two aeration units are expected to arrive in a few days. This means that **two more aeration units are necessary as soon as possible**.
- With additional aerators, the **electric control panel at the WWTP office/laboratory needs to be updated**. Electric components are not sufficient for 7- 25 HP needed at the WWTP ponds. (Contact Stills Electric)
- Influent flowmeters. **Flowmeter for Delta Lift Station** (residents' wastewater) and **flowmeter for State Prison** are required by the SWRCB. To properly submit monthly reports, this information is a priority. (Contact the Holt Group).
- A **new influent composite sampler is needed at the Delta Lift Station**. The sampler at the Lift Station is not working properly (this sampler is at least 20 years old). UsaBlueBook may supply this sampler. The approximate cost is about \$7000.
- During the last couple of years, the PVC line located between the outlet of Pond #4 (last lagoon of the treatment process) and the effluent chemical contact chamber (CCC), has been obstructed by algae chunks adhering to the inner wall of this line. This creates very high-water levels in all the ponds, negatively affecting the removal of some contaminants. Specifically, total suspended solids (TSS) high results at the effluent have been an issue regarding violations/fines. At this regard, **the practice of water-jetting (unplugging of the line) should be done more often than usual**. (Contact Alfred Spence).
- **The Delta Lift Station is in bad shape**. Besides the composite sampler and influent flowmeter needed for proper operation, this location shows the following: **metal grate flooring and stairs need to be repaired/replaced** (dangerous situation for the people and potential liability for the City); sometimes, area of receiving wastewater is completely flooded (inspection and/or repair of water pumps and electric components is necessary); the main entrance fence gate needs to be fixed. (Again, contact The Holt Group).

Raul Bernal

April 19, 2023



staff report

To: City of Calipatria City Council

From: George Galvan, Principal Planner, The Holt Group, Inc.
Juny Marmolejo, Resident Engineer, The Holt Group, Inc.

Date: May 19, 2023

Subject: Delta Street Sewer Pump Station and Wastewater Treatment Plant

Summary

Key Issues: There are several safety issues at Delta Street Lift Station and operational issues at the Wastewater Treatment Plant that require immediate attention to address worker safety and public health.

Emergency Actions:	1. Platform grating and staircase for the Delta Lift Station	\$25,000
	2. Two (2) aerators for the WWTP Ponds	\$40,000
	3. Chemicals for Algae reduction at Ponds	\$10,000
	4. Influent composite sampler at the Delta Lift Station	\$7,000
Total		\$82,000

Non-Emergency Items:

5. Repairs to the Delta Street Lift Station
6. Preliminary Engineering Report Study for Wastewater Treatment Plant

Funding Sources: ARPA Funds: Approximately \$1.7M available

INTRODUCTION AND BACKGROUND

The City of Calipatria received approximately \$1.9 million from American Rescue Plan Act (ARPA), to support the City's response to and recovery from the COVID-19 public health emergency. Funds were to be used for premium pay for first-responder employees (all employees of the City), purchase equipment, and sewer infrastructure repairs. Approximately \$200,000 has been spent to date, but there may be an additional \$200,000 that has been spent that has not been properly coded to the ARPA account. A majority of the funds was intended to address some of the issues related to the Delta Street Lift Station and the Wastewater Treatment Plant (WWTP).

Delta Street Lift Station/Pump Station

The entire wastewater flow of the City of Calipatria is collected by the International Avenue Sewer Pipeline and Delta Street Sewer Pipeline that is conveyed to the Delta Street Sewer Pump Station. The Delta Street Sewer Pump Station transmits the wastewater flow through a 16,500 foot long (approx. 3 mile long), 10-inch diameter forcemain to the Calipatria Wastewater Treatment Plant. The Calipatria Wastewater Treatment Plant currently accepts approximately 500,000 gallons per day of wastewater flow from the City of Calipatria.

The Delta Street Pump Station was designed and constructed in 1977. It is expected for the existing lift station (dry well / wet well type) to have a 50 year life expectancy. As of the current year of 2023, the pump station is 46 years old. The Delta Street Pump Station was rehabilitated in the year 1987 and then again in the year 2011.

Each of the rehabilitation projects (1987 and 2011) required improvements to the pumping systems, electrical and control system, and the wet well. The corrosive environment from sewer gases have deteriorated and required repairs or replacement of the following components: electrical and control panels; wiring of various electrical components; light fixtures; sewer piping; pump systems; headworks screens, structural steel beams and supports; stairways; and, concrete walls and flooring.

In the previous four (4) years, there have been frequent (every two to six months) failures to the pump systems. The repairs are deemed to be caused by misalignment of pumps and deterioration of pumps and piping within the dry well. The repairs require outsource (rental) of by-pass pumping and back up of upstream sewer collection pipelines. The rental and contracting of the by-pass pumping is expensive, while the cleaning of backed-up sewer collection pipelines is time consuming. The bypass pumping and repairing any one of the three pumping systems range at a cost of \$20,000 to \$100,000.

As with any other pump station facility, there is routine operation and maintenance work that is conducted; however, the existing pump station requires extensive visits from Public Works staff for visual inspection and extensive maintenance work. The extensive work includes pumping water leaks out of the dry well, repairs to lighting, repairs to headworks screens and stairs, repairs to piping, etcetera.

Brief Overview of the Delta Street Pump Station Facility.

The Delta Street Sewer Pump Station is referred to as wet well / dry well pump station. The Pump Station is approximately 27 feet below surface elevation. The pump station is then divided into two (2) separate compartments consisting of a wet well side and dry well side. The wet well and dry well are divided by a concrete wall. The drywell side houses the pumps, pump shafts, pump motors and suction and discharge piping. The wet well side consists of the wastewater influent channel, headworks screen, and sump area.

Emergency Actions Required for Delta Street Lift Station

The most immediate action to be taken for the Delta Street Lift Station is a replacement of the stairwell and associated platform grating. Staff is currently using an aluminum ladder to access the bottom of the Lift Station which poses a major safety issue. This is an emergency item and is an eligible use for the ARPA funds. The estimated cost is approximately \$20,000 for labor and materials.

A new influent composite sampler is also needed at the Delta Lift Station. Obtaining influent composite samples that accurately reflect the constituents entering a treatment facility is a critical task. Influent composite samples are collected to meet regulatory reporting requirements and for process control purposes. Results from composite influent samples are used to calculate facility loading, determine removal efficiencies, and to compare existing loadings to design loadings. Influent composite samples can also be used for toxicity evaluations, industrial monitoring, future treatment capacity planning, process troubleshooting, and process optimization. The sampler at the Lift Station is not working properly (this sampler is at least 20 years old). UsaBlueBook may supply this sampler. The approximate cost is about \$7,000. See priority list document submitted by Raul Bernal, Wastewater Treatment Plant Operator.

Non-Emergency Actions Required for Delta Street Lift Station

The Delta Street Lift Station requires major rehabilitation every 10-12 years. As previously stated, the last major rehabilitation work was completed in 2011 with a construction cost of \$922,000. The sewer gasses within the wet-well portion of the pump station are highly concentrated and extremely corrosive which result in significant damage to the concrete wet well, electrical power, and control systems. These issues lead to inefficiencies and dangerous situations. A major rehabilitation is recommended to repair damaged items. It is also recommended that an air blower with an air scrubber system be installed to remove the concentrated sewer gasses and minimize the corrosive effects of the sewer gasses. The approximate cost of the rehabilitation is estimated to be \$1.9 million (see attached cost estimate). Some of work items can be eliminated to reduce the cost to \$1.3 million.

Wastewater Treatment Plant

The Wastewater Treatment Plant (WWTP) is located approximately 2½ miles northwest of the City between English and Brandt Road, north of Lindsay Road. The Wastewater Treatment Plant is located at 106 West Lindsey Road on a 160-acre parcel of land owned by the City. The wastewater treatment plant facility occupies a 25-acre area in the southwest corner of the 160-acre parcel of land. The remaining 135 acres of land consists of vacant native fields. The WWTP consists of four ponds with a 1 million gallon per day (MGD) Capacity and an aeration system with a total treatment capacity of 1.7 MGD.

Emergency Actions Required at the Wastewater Treatment Plant

The WWTP is comprised of 4 aeration ponds as part of the treatment process. Aeration is the process by which air is circulated through, mixed with or dissolved in a liquid or substance. Aeration brings water and air in close contact in order to remove dissolved gases and to oxidize dissolved metals, including iron, hydrogen sulfide, and volatile organic chemicals (VOCs). This process occurs in the secondary treatment processes of activated sludge treatment in wastewater treatment plants. An evenly distributed oxygen supply in an aeration system is essential to effective wastewater treatment for fostering microbial growth.

There are only 3 out of the 4 aeration ponds currently operating at the WWTP. Four more aerators are needed for proper aeration and mixing at the WWTP lagoons. Microorganisms (mostly friendly bacteria) require minimum dissolved oxygen levels to adequately liquify and digest the wastewater coming from the town residents and from the State Prison. Two aerators have been ordered and are expected to arrive within the next two weeks. Two more aerators are needed at a cost of approximately \$40,000. See priority list document submitted by Raul Bernal, Wastewater Treatment Plant Operator.

Specialized chemicals such as chlorine, hydrogen peroxide, sodium chlorite, and sodium hypochlorite (bleach) act as agents that disinfect, sanitize, and assist in the purification of wastewater at treatment facilities. The current supplies at the WWTP are currently being depleted and a resupply of the chemicals is needed at a cost of approximately \$10,000.

Non-Emergency Actions Required for the Wastewater Treatment Plant

The WWTP is aging, and various items need to be addressed (see list of priority list document submitted by Raul Bernal, Wastewater Treatment Plant Operator). Many of the items require engineering design and coordination with the Regional Water Quality Control Board (regional board). The cost to address all of the issues at the WWTP is estimated to be in the millions of dollars. Grants are available through the State Revolving Fund (SRF) and USDA but Preliminary Engineering Reports (PER/study) are required. PER's are estimated to cost \$50,000 to \$100,000 each.

Recommended Actions

It is recommended that the Council authorize the expenditure of ARPA funds to address the emergency items totaling approximately \$82,000. It is further recommended that Council authorize the Council Public Works Liaison (Javier Amezcua) and the Mayor (Maria Nava-Froelich) a not-to-exceed budget amount should the actual costs be above the estimated amounts.

QUOTATION
HDSFM
D/B/A USABBLUEBOOK
PO Box 9004
Gurnee, IL 60031-9004
Toll free: 1-800-548-1234
Fax: (847) 689-3030

NO. 337666

Page 1

03/23/23

Ship-to: 5
CALIPATRIA CITY OF

Bill-to: 912629
CALIPATRIA CITY OF

106 LINDSEY ST
CALIPATRIA, CA 92233
USA

125 N PARK AVE
CALIPATRIA, CA 92233
USA

REFERENCE #	EXPIRES	SLSP	TERMS	WH	FREIGHT	SHIP VIA
AER-9042	04/22/23	NRA	NET 30	21	FXD/PPD	VENDOR'S CHOICE

QUOTED BY: NRA | QUOTED TO: ROM MEDINA

ITEM	DESCRIPTION	QUANTITY	UM	PRICE	UM	EXTENSION
40187	Aqua Aerobic 25 HP Aqua-Jet Surface Aerator FSS Model 460V/3PH, ROM MEDINE 7609961679	2	EA	15181.95	EA	30363.90

Please note that your order may be subject to applicable taxes based on current rates at the time your order is completed.

TO ORDER --

For your convenience, you may simply sign below and return via fax to 847-689-3030. We will process your order promptly and fax a confirmation so you know we have it. If you prefer to call your order in or have additional questions or concerns, you may contact our Customer Service Department @ 800-548-1234. Please note any changes to the quantities or shipping address. Thanks for choosing USABBlueBook.

Authorization Signature

822

PO Number (if required)

MERCHANDISE	MISC	TAX	FREIGHT	TOTAL
30363.90	.00	.00	2000.00	32363.90

USE THIS QUOTE # ON PO's!

Order # 912629

Order Word: 847-689-3030

Order # 409423

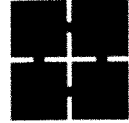
Order # 409423

Figure - AEROBIC System

Exclus 815-639-4404

815-654-8300

The Holt Group, Inc.



Engineering Department

Municipal Design ■ Infrastructure Engineering ■ Construction Management ■ Land Surveying

June 14, 2022

Mr. Rom Medina
City Manager
City of Calipatria
125 South Park Avenue
Calipatria, California
92233

RE: Proposed Rehabilitation Improvements at the Calipatria Delta Street Sewer Pump Station – THG Proposal Number 2022-020

Dear Mr. Medina,

It was requested a proposal be prepared for necessary rehabilitation improvements to the Delta Street Sewer Pump Station. The Delta Street Pump Station requires major rehabilitation work every 10 years. Rehabilitation improvements to the Delta Street Pump Station were last completed in 2011 at a *construction cost* of \$922,000. The rehabilitation improvements completed in 2011 were completed over an 11 month period. The proposed 2022 rehabilitation improvements are similar to the 2011 improvements except that it is proposed the 2022 improvements include the replacement of the electrical motor control center, load centers and control system and an air blower with a scrubber system be installed to expel corrosive sewer gases from the pump station.

The Delta Street Sewer Pump Station accepts the entire gravity wastewater collection system flow within the City of Calipatria. The Delta Street Sewer Pump Station transmits the wastewater flow to the Calipatria wastewater treatment plant located 3 miles northwest of the City of Calipatria. The Delta Street Sewer Pump Station operates on a

continuous basis 24 hours per day, 365 days a year. The Delta Street Sewer Pump Station is a three (3) story concrete wet well/dry well pump station constructed in 1977. The pump station is 45 years old and requires a significant maintenance effort to maintain the pump station in an operable state. The Delta Street Sewer Pump Station electrical system was upgraded in 1988, 34 years ago. The electrical motor control center, load center and control system panels have been subjected to the wastewater gases for the last 34 years and are at the end of their useful life. The entire Delta Street Sewer Pump Station electrical system requires replacement. The flow metering system in the Delta Street Sewer Pump Station is no longer operable and requires replacement. The sanitary sewer gases within the wet well portion of the pump station are highly concentrated and extremely corrosive. The corrosive effects from the gases result in significant damage to the pump station's concrete wet well, steel stairways and landings, and electrical power and control systems. It is necessary to completely rehabilitate the pump station concrete wet well every 10 years at a significant expense. It is recommended that an air blower with an air scrubber system be installed to remove the concentrated sewer gases from the wet well and reduce the sewer gas corrosive effects. There are three (3) existing centrifugal pumps in the dry well. The condition of the pumps will be reviewed during the project design. According to the wastewater operator, at least one (1) pump will require replacement as of June 10th, 2022.

The Delta Street Sewer Pump Station Engineers Opinion of Probable Cost for rehabilitation improvements are as follows:

**DELTA STREET SEWER PUMP STATION REHABILITATION
ENGINEERS OPINION OF PROBABLE COST**

Item No.	Item	Cost
1.	Mobilization, permits, licenses, insurance, bonds, taxes, temporary power, portable restroom facilities, project sign project management, and similar administrative expenses.	\$110,000
2.	Remove the existing electrical and control system. Install a new electrical motor control center. Install a new single phase load center and transformer. Install a new electrical control system as required. Replace existing circuitry and lighting damaged by corrosive gases as required. Install a new flow metering system. Install Remote Terminal Unit (RTU) System to transmit flow metering flow values to the city wastewater operators.	\$ 350,000
3.	Install Air Blower with Air Scrubber System to remove sewer gases from the wet well and alleviate the corrosive effects of the sewer gases. Install a separate air blower or air scrubber system to alleviate the corrosive effects of sewer gases from the drywell.	\$150,000
4.	Upgrade and refurbish existing Pump Station centrifugal pumps, shafts, piping, valves and motors as required.	\$ 200,000
5.	Bypass flow around the pump station wet well on a 24 hour per day basis during the wet well rehabilitation. Remove wastewater from the wet well. Hydroblast the wet well at 36,000 psi to remove all existing coating and deteriorated concrete from the walls, ceiling and floor. Conduct an inspection of the wet well concrete surfaces. Replace spalled or removed concrete with a high strength mortar or cement. Coat the interior of the concrete walls with a 100 percent high solids epoxy designed for wastewater immersion, include spark testing of the coating system.	\$ 600,000
6.	Sandblast the steel support members and steel extrusion grating surrounding the exterior ground surface level of the wet well entrance. Sandblast the steel stairway leading to the second floor level of the wet well. Replace all steel support members as required. Coat the steel support members with a corrosion proof	\$ 125,000

coating system. Sand blast and coat the dry well structural steel, support members, I – beam pump hoist, stairway, piping, piping supports; and all other steel components in the dry well portion of the pump station.

7. Coat the exterior of the Pump Station Masonry Building, wood facia, wood soffits and plywood exterior gable ends. Coat the interior of the pump station first floor walls and ceiling. \$ 35,000

Subtotal Construction Cost -Items 1 through 7 \$1,570,000

Complete the project design including the electrical design and civil design. Prepare the plans, specifications, quantity estimates, cost estimates and coordinate with the funding agencies regarding specification and administrative requirements. \$ 172,700

11 percent of Construction Cost.

Complete the project bidding including the advertisement of the project for bidding, contacting and coordination with contractors, subcontractors and material suppliers, answering contractor request for information, conducting the Pre-Bid Conference, preparing the Pre-Bid Conference Memorandum, preparing and distributing of addendums, administer the project bid opening, review the submitted bids for conformance, recommend the award of contract to the lowest, responsive, and responsible bidder to the City of Calipatria, and similar bid related tasks. \$ 23,550

1 ½ percent of Construction Cost.

Complete administration and construction management services including the processing of the contract documents, conducting the pre-construction conference, preparing the Pre-Bid Conference Memorandum, review and respond to submittal documents, providing full time Resident Engineering and Inspection Services, preparation and distribution of construction activity logs, assist in preparing grant agency payment reimbursement forms for the City of Calipatria, conducting construction progress meetings and preparation of meeting memorandums, review contractor payment request forms and

review contractor payment with City Manager / Finance Manager, attend start-up of facilities and assist in addressing any start up issues, conduct final project inspection and prepare project punch list, assist with preparation and filing of the Notice of Completion, preparation of as-built plans, coordination with wastewater treatment plant operators regarding daily wastewater treatment plant operation issues, and similar tasks.

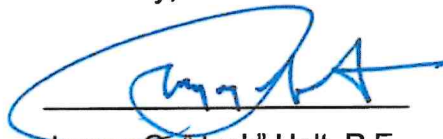
12 percent of Contractor Construction Cost

Labor Standards Compliance	\$ 12,000
Total Project Cost	\$1,966,650

The City of Calipatria could contemplate phasing the improvements and completing the replacement of the electrical system and the installation of an air blower with air scrubber system in a later phased project to reduce the overall project cost. The removal of the electrical system replacement and installation of the air blower and air scrubber system from the project would reduce the overall project cost to \$1,344,150.

Thank you for allowing the Holt Group to submit this proposal for your consideration. Please feel free to contact me if questions arise.

Sincerely,



James G. "Jack" Holt, P.E.

City of Calipatria



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Calipatria, California 92233
Telephone: (760) 348-4141
Fax: (760) 348-7035

May 23, 2023

The Honorable Raul Ruiz, M.D.
U.S. House of Representatives
2342 Rayburn House Office Building
Washington, DC 20515

Dear Dr. Ruiz,

I am writing to express my support for the proposed Chuckwalla National Monument to preserve high value public lands in Imperial and Riverside counties. This designation would uplift the quality of life and economic standing for Imperial County residents.

Not only do pristine outdoor areas provide my community with respite and access to health and mental wellness, but it also can provide a boost to local economies in that they provide an ideal place for visitors and locals alike to enjoy our beautiful California Desert for a wide array of outdoor activities.

The Chuckwalla National Monument will benefit Imperial and Riverside counties in several ways, including:

- Protecting crucial plant and wildlife habitat and migration corridors.
- Safeguarding Indigenous sites, landscapes of importance, and other critical cultural resources.
- Protecting important historic sites and landscapes.
- Enhancing equitable and sustainable recreation access to federal public lands.
- Boosting local economies by attracting visitors.

Protecting the region's wild lands will also enhance our communities' resilience to climate change, and create new, sustainable opportunities for current and future generations to enjoy these special places and have equitable access to our public lands.

I thank you for your continued leadership in our community and for looking out for our best interest. Please continue that leadership by supporting the proposed Chuckwalla National Monument to protect and conserve public lands in our region for generations to come.

Sincerely,

Maria Nava-Froelich
Mayor