

Heber Public Utility District

REPORT TO BOARD OF DIRECTORS

MEETING DATE: September 15, 2022

FROM: Laura Fischer, General Manager

SUBJECT: Approve Change Order to the Manhole Repair Project with A&R Construction to Include the Emergency Repairs of a Sink Hole, the Parkyns Lift Station, two Adjacent Manholes and a Privately owned Fence.

ISSUE:

Shall the Board of Directors Approve Change Order to the Manhole Repair Project with A&R Construction to Include the Emergency Repairs of a Sink Hole, the Parkyns Lift Station, two Adjacent Manholes and a Privately owned Fence.

GENERAL MANAGER'S RECOMMENDATION:

It is recommended that the Board of Approve Change Order to the Manhole Repair Project with A&R Construction to Include the Emergency Repairs of a Sink Hole, the Parkyns Lift Station, two Adjacent Manholes and a Privately owned Fence.

FISCAL IMPACT:

The total cost for this change order is \$25,586.00. The modification to the Reserve Resolution is included in agenda item 8.F.

The project is funded by the Heber PUD Wastewater capital improvement program of projects and the allocation to use the Wastewater funds was included in the prior agenda item Resolution 2022-16.

The project changes are detailed in the table below.

A&R Change Order #1

Remove Manhole #8	(13,656)
Remove Manhole #9	(13,058)
Add 48" Manhole	18,600
Add 60" Manhole	11,400
Lift Station/Sink Hole	22,300
TOTAL CHANGE	25,586

DISCUSSION:

The Parkyns lift station is in need of emergency repairs, the District recently awarded a contract to repair/rehabilitate several manholes in our service area. Staff determined that the easiest and fastest way to fix the emergency sink hole at the Parkyns Lift Station was to engage A&R to make these repairs. Staff modified the manhole project to remove two manholes and added two that are adjacent to the Parkyns Lift Station. This brought the cost for these emergency repairs down to \$25,586. This amount does include some contingency in case we find additional repairs may be needed to fix the lift station and sink hole.

CONCLUSION:

Staff identified this emergency project, contracted with A&R Construction Inc. to make the needed repairs, funded the needed repairs in a previous agenda action to adopt Resolution 2022-16, and has prepared this change order to the current contract with A&R Construction.

Staff recommends approval of this Change Order in the amount of \$35,586.00.

Respectfully Submitted,

Laura Fischer, General Manager

Engineer's Report
Change Order

CHANGE ORDER

AIA DOCUMENT G701

Distribution to:

OWNER
 ENGINEER
 CONTRACTOR
 OTHER

PROJECT:	HEBER PUBLIC UTILITY DISTRICT - 2022 SANITARY SEWER MANHOLE REHABILITATION PROJECT	CHANGE ORDER NUMBER: INITIATION DATE:	01 August 25, 2022
		DISTRICT NO:	-
TO (Contractor):	Terry Robertson, Inc. dba A&R Construction 1631 River Drive Brawley, CA 92227	ENGINEER'S PROJECT NO: CONTRACT DATE:	744.064 July 26, 2022

You are directed to make the following changes in this Contract as indicated on the Attachments.

Attachments:

- A&R Construction Proposal No. 3468 dated 08/25/2022, for repairs to the Parkyns Lift Station.
- A&R Construction Proposal No. 3469 dated 08/25/2022, for repairs to the 48-inch diameter manhole upstream of the Parkyns Lift Station.
- A&R Construction Proposal No. 3470 dated 08/25/2022, for repairs to the 60-inch diameter manhole downstream of the Parkyns Lift Station.
- The Holt Group letter dated September 2, 2022, recommendation for HPUD's approval of Change Order.

Not valid until signed by both the Owner and Engineer.

Signature of the Contract indicates his agreement herewith, including any adjustment in the Contract Sum or Contract Time.

The original (Contract Sum) (Guaranteed Maximum Cost) was	\$	168,308.00
Net change by previously authorized Change Orders	\$	0.00
The (Contract Sum) (Guaranteed Maximum Cost) prior to this Change Order was	\$	168,308.00
The (Contract Sum) (Guaranteed Maximum Cost) will be (Increased) (decreased) (unchanged) by this Change Order	\$	25,586.00
The new (Contract Sum) (Guaranteed Maximum Cost) including this Change Order will be	\$	193,894.00

The Original Contract Time45 Calendar Days
 The Contract Time will be (increased) (~~decreased~~) (unchanged) by this Change Order3 Calendar Days
 The Date of Substantial Completion as of the date of this Change Order; therefore is October 24, 2022.

THE HOLT GROUP, INC.

TERRY ROBERTSON, INC. DBA

HEBER PUBLIC UTILITY DISTRICT

ENGINEER

A&R CONSTRUCTION
CONTRACTOR

OWNER

1601 N. Imperial Avenue
El Centro, CA 92243
ADDRESS

1631 River Drive
Brawley, CA 92227
ADDRESS

1078 Dogwood Road, Suite 103
Heber, CA 92249
ADDRESS

By: _____
Juny Marmolejo,
Resident Engineer

By: _____
Rob Yates
Superintendent

By: _____
Laura Fischer
General Manager

Date: _____

Date: _____

Date: _____

The Holt Group, Inc.
Engineering Department



■ Municipal Design ■ Infrastructure Engineering ■ Construction Management ■

September 2, 2022

Ms. Laura Fischer
General Manager
Heber Public Utility District
1078 Dogwood Road, Suite 103
Heber, CA 92249

**RE: Heber Public Utility District – 2022 Sanitary Sewer Manhole Rehabilitation Project
THG Project No. 744.064
Change Order No. 1 – Repair to Parkyns Lift Station as a Change Order**

Dear Ms. Fischer,

I am forwarding this correspondence in regard to Heber Public Utility District's consideration of a Change Order to conduct repairs to the Parkyns Sewer Lift Station as well as the upstream manhole and downstream manhole. It should be noted that HPUD staff recently observed the Sewer Lift Station to have differential settlement and depressed surface area surrounding the wet well. The manhole was inspected and it is determined that the lift station suction and discharge piping has deteriorated, likely from sewer gases, and is not fully operational. The lift station is in need of immediate repair. It was also observed that the upstream manhole and downstream manhole are also in deteriorated condition and require repairs.

The Holt Group and HPUD WWTP Staff have reviewed the Parkyns Lift Station concern with A&R Construction at the project site. The Holt Group requested for A&R Construction to provide a proposal to complete a repair of the Parkynsn Lift Station's damaged piping and backfill of the depressed surrounding surface area for a depth of 4 feet, as well as repairs to the upstream manhole and downstream manhole.

A&R Construction has provided separate change order proposals for the repairs for each of the three (3) items (as attached). The Holt Group has reviewed the proposed change order proposals from A&R Construction. The Change Order proposals tally to \$52,300 (22,300 for the lift station, \$18,600 for the upstream manhole, and \$11,400 for the downstream manhole) with a request for

three (3) additional contract days. The Holt Group deems each of the proposed change order costs to be reasonable.

In consideration of the extended cost to rehabilitate two (2) additional manholes, it was noted that two (2) of the manholes that are currently under contract to be rehabilitated to be removed from the scope of work. In specific, manhole no. 8 and manhole no. 9 were noted to be in the best condition of the 12 manholes that are contracted to be rehabilitated. And manhole no. 8 and manhole no. 9 are better condition than that of the upstream and downstream manholes. As such manhole no. 8 and manhole no. 9 are to be removed from the contract scope of work.

The total change order costs is tabulated as follows:

- Rehab Upstream Manhole: Addition of \$18,600
- Rehab Downstream Manhole: Addition of \$11,400
- Rehab Parkyns Liftstation: Addition of \$22,300
- Omit Manhole No. 8: Deduction of \$13,656
- Omit Manhole No. 9: Deduction of \$13,058
- **Total Change Order Cost \$25,586.00**

The Holt Group recommends that Heber Public Utility District review and consider the approval of a Change Order in the amount of \$25,586 with three (3) additional days to the contract scope of work.

Please contact me if you have questions or for further coordination.

Respectfully,

Juny Marmolejo
Juny Marmolejo, P.E.
Resident Engineer

cc: Adriana Amezcua, Finance Manager, HPUD
Moises Cardenas, Office Manager, HPUD
Sameer Patel, Residen Engineer, The Holt Group, Inc.
James G. "Jack" Holt, P.E., Principal Engineer, The Holt Group, Inc.



OFFICE (760) 344-4653 • FAX (760) 344-4146
1631 RIVER DRIVE • BRAWLEY, CA 92227-1747

Proposal

Proposal# 3468

PROPOSAL SUBMITTED TO Heber Public Utilities District	PHONE (760) 482-2440	FAX	DATE 08/25/2022
STREET/BOX 1078 Dogwood Rd	PROJECT NAME Parkyns Ave Liftstation Repair		PLANS APPROVED
CITY/STATE AND ZIP Heber CA 92249	PROJECT LOCATION Parkyns Ave Heber		CITY Heber
ENGINEER The Holt Group	PROJECT DESCRIPTION		DATE OF PLANS

Item/Cost Code	Description	Amount
3468	Parkyns Ave Liftstation Repair	

We propose to perform repairs to the Parkyns Liftstation as described. We will replace the 6 inch discharge line from the header to outside the wet well where it transitions to PVC. The existing ductile iron will be replaced with Sch 80 PVC. H.P.U.D. will be responsible to secure an agreement with the property owner of 1087 Parkyns Ave so that we can remove the section of damaged fence adjacent to the liftstation, set up temporary fence inside the property approximately 15 Ft for the duration of the repairs. We will excavate around the south and east sides of the wet well where the sinkhole has occurred. The excavation will be approximately 5 feet deep where we will compact the failed area and backfill performing proper compaction effort. Replace approximately 10 Ft of sidewalk that has sunk due to the sinkhole. Upon completion of repairs the chain link fence will be put back with new line posts re-using the existing fabric and hardware as much as possible. During the time the force main is being replaced the waste water will flow through the gravity by-pass. The pipe repair should be completed in less than ten hours. We anticipate the entire repair to take 3 days with Parkyns Avenue being closed as necessary during the excavation portion. Traffic will be restored each day at the end of shift.

We propose hereby to furnish material and labor - complete in accordance with above specifications, for the total sum above. Which is due and payable upon completion of job.

This proposal does not include; permits, including any required fees or bonds, engineering, asbestos, testing or staking; bond premiums, and swppp. Unless expressly included in above listing of work, unusual site conditions such as buried trash, concrete, abandoned utilities, mud, rock, etc., that were not apparent on the surface or expressly disclosed in writing to the date hereof, shall be deemed for additional compensation and cessation of work until agreement for same has been reached.

A 2% service charge (annual 24%) will be charged for all past due amounts. If any action is brought to enforce collection, attorney's fees and court costs will be charged.

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control.

Owner to carry fire and other necessary insurance. Our workers are fully covered by Workman's Compensation Insurance.

Authorized
Signature

Rob Yates

NOTE: This proposal may be withdrawn by us if not accepted within thirty days.

ACCEPTANCE OF PROPOSAL

The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Signature: _____

Date of Acceptance: _____



TERRY ROBERTSON, INC., dba

OFFICE (760) 344-4653 • FAX (760) 344-4146
1631 RIVER DRIVE • BRAWLEY, CA 92227-1747

Proposal

Proposal# 3468

PROPOSAL SUBMITTED TO Heber Public Utilities District	PHONE (760) 482-2440	FAX	DATE 08/25/2022
STREET/BOX 1078 Dogwood Rd	PROJECT NAME Parkyns Ave Liftstation Repair	PLANS APPROVED	
CITY/STATE AND ZIP Heber CA 92249	PROJECT LOCATION Parkyns Ave Heber	CITY Heber	
ENGINEER The Holt Group	PROJECT DESCRIPTION	DATE OF PLANS	

Item/Cost Code

Description

Amount

Grand Total: 22,300.00

We propose hereby to furnish material and labor - complete in accordance with above specifications, for the total sum above. Which is due and payable upon completion of job.

This proposal does not include; permits, including any required fees or bonds, engineering, asbestos, testing or staking; bond premiums, and swppp. Unless expressly included in above listing of work, unusual site conditions such as buried trash, concrete, abandoned utilities, mud, rock, etc., that were not apparent on the surface or expressly disclosed in writing to the date hereof, shall be deemed for additional compensation and cessation of work until agreement for same has been reached.

A 2% service charge (annual 24%) will be charged for all past due amounts. If any action is brought to enforce collection, attorney's fees and court costs will be charged.

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control.

Owner to carry fire and other necessary insurance. Our workers are fully covered by Workman's Compensation Insurance.

Authorized
Signature _____
Rob Yates

NOTE: This proposal may be withdrawn by us if not accepted within thirty days.

ACCEPTANCE OF PROPOSAL

The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Signature: _____

Date of
Acceptance: _____



TERRY ROBERTSON, INC., dba

OFFICE (760) 344-4653 • FAX (760) 344-4146
1631 RIVER DRIVE • BRAWLEY, CA 92227-1747

Proposal

Proposal# 3469

PROPOSAL SUBMITTED TO Heber Public Utilities District	PHONE (760) 482-2440	FAX	DATE 08/25/2022
STREET/BOX 1078 Dogwood Rd	PROJECT NAME Rehab 48" Manhole	PLANS APPROVED	
CITY/STATE AND ZIP Heber CA 92249	PROJECT LOCATION Upstream of Parkyns Liftstation	CITY Heber	
ENGINEER The Holt Group	PROJECT DESCRIPTION Rehab 11 Ft Deep 48" Manhole	DATE OF PLANS	

Item/Cost Code	Description	Amount
3469 Rehab 48" Manhole		

We propose to rehabilitate the existing manhole upstream of liftstation using a blast and mortar system. The cone and ring and cover will be replaced. The existing shafting will be media blasted and high strength repair mortar will be applied by trowel to re establish the interior surface. Dura plate 6100 will be installed according to standard specifications. H.P.U.D. will provide: Bypass pumping as needed,

Vactor truck as needed to remove media after wash down.

We propose hereby to furnish material and labor - complete in accordance with above specifications, for the total sum above. Which is due and payable upon completion of job.

This proposal does not include; permits, including any required fees or bonds, engineering, asbestos, testing or staking; bond premiums, and swppp. Unless expressly included in above listing of work, unusual site conditions such as buried trash, concrete, abandoned utilities, mud, rock, etc., that were not apparent on the surface or expressly disclosed in writing to the date hereof, shall be deemed for additional compensation and cessation of work until agreement for same has been reached.

A 2% service charge (annual 24%) will be charged for all past due amounts. If any action is brought to enforce collection, attorney's fees and court costs will be charged.

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control.

Owner to carry fire and other necessary insurance. Our workers are fully covered by Workman's Compensation Insurance.

Authorized Signature 
Rob Yates

NOTE: This proposal may be withdrawn by us if not accepted within thirty days.

ACCEPTANCE OF PROPOSAL

The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Signature: _____

Date of Acceptance: _____



TERRY ROBERTSON, INC., dba

OFFICE (760) 344-4653 • FAX (760) 344-4146
1631 RIVER DRIVE • BRAWLEY, CA 92227-1747

Proposal

Proposal# 3469

PROPOSAL SUBMITTED TO Heber Public Utilities District	PHONE (760) 482-2440	FAX	DATE 08/25/2022
STREET/BOX 1078 Dogwood Rd	PROJECT NAME Rehab 48" Manhole	PLANS APPROVED	
CITY/STATE AND ZIP Heber CA 92249	PROJECT LOCATION Upstream of Parkyns Liftstation	CITY Heber	
ENGINEER The Holt Group	PROJECT DESCRIPTION Rehab 11 Ft Deep 48" Manhole	DATE OF PLANS	

Item/Cost Code

Description

Amount

Grand Total: 18,600.00

We propose hereby to furnish material and labor - complete in accordance with above specifications, for the total sum above. Which is due and payable upon completion of job.

This proposal does not include; permits, including any required fees or bonds, engineering, asbestos, testing or staking; bond premiums, and swppp. Unless expressly included in above listing of work, unusual site conditions such as buried trash, concrete, abandoned utilities, mud, rock, etc., that were not apparent on the surface or expressly disclosed in writing to the date hereof, shall be deemed for additional compensation and cessation of work until agreement for same has been reached.

A 2% service charge (annual 24%) will be charged for all past due amounts. If any action is brought to enforce collection, attorney's fees and court costs will be charged.

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control.

Owner to carry fire and other necessary insurance. Our workers are fully covered by Workman's Compensation Insurance.

Authorized
Signature _____
Rob Yates

NOTE: This proposal may be withdrawn by us if not accepted within thirty days.

ACCEPTANCE OF PROPOSAL

The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Signature: _____

Date of Acceptance: _____



TERRY ROBERTSON, INC., dba

OFFICE (760) 344-4653 • FAX (760) 344-4146
1631 RIVER DRIVE • BRAWLEY, CA 92227-1747

Proposal

Proposal# 3470

PROPOSAL SUBMITTED TO Heber Public Utilities District	PHONE (760) 482-2440	FAX	DATE 08/25/2022
STREET/BOX 1078 Dogwood Rd	PROJECT NAME Rehab 60" Manhole		PLANS APPROVED
CITY/STATE AND ZIP Heber CA 92249	PROJECT LOCATION Downstream of Parkyns Liftstation		CITY Heber
ENGINEER The Holt Group	PROJECT DESCRIPTION Rehab 5 Ft deep 60" Manhole		DATE OF PLANS

Item/Cost Code	Description	Amount
3470 Rehab 60" Manhole		

We propose to rehabilitate the existing 60" manhole that is downstream of the liftstation. We will excavate and remove the existing shafting to rehab the base in place. New shafting and cover will be installed. Dura Plate 6100 will be installed to standard specifications. HPUD will provide: Bypass pumping as needed, Vector truck as needed.

Grand Total: 11,400.00

We propose hereby to furnish material and labor - complete in accordance with above specifications, for the total sum above. Which is due and payable upon completion of job.

This proposal does not include; permits, including any required fees or bonds, engineering, asbestos, testing or staking; bond premiums, and swppp. Unless expressly included in above listing of work, unusual site conditions such as buried trash, concrete, abandoned utilities, mud, rock, etc., that were not apparent on the surface or expressly disclosed in writing to the date hereof, shall be deemed for additional compensation and cessation of work until agreement for same has been reached.

A 2% service charge (annual 24%) will be charged for all past due amounts. If any action is brought to enforce collection, attorney's fees and court costs will be charged.

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control.

Owner to carry fire and other necessary insurance. Our workers are fully covered by Workman's Compensation Insurance.

Authorized
Signature

Rob Yates

NOTE: This proposal may be withdrawn by us if not accepted within thirty days.

ACCEPTANCE OF PROPOSAL

The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Signature: _____

Date of Acceptance: _____

