NOTICE AND AGENDA

Notice is hereby given that the City Council of the City of Santaquin will hold a City Council Meeting on Wednesday, December 19, 2012, in the Council Chambers, 45 West 100 South, at **6:00 pm**.

1. **ROLL CALL**
2. **PLEDGE OF ALLEGIANCE**
3. **INVOCATION/INSPIRATIONAL THOUGHT**
4. **CONSENT AGENDA**
   a. Minutes
      1. December 12, 2012 Work Session
      2. December 12, 2012 Council Meeting
   b. Bills
      1. $48,440.48
5. **RESOLUTION**
   a. Resolution 12-02-2012, "A Resolution of the Santaquin City Council Amending an Engineering Services Contract for the Design and Construction Management of the Santaquin City Wastewater Reclamation Facility Project as Originally Approved on December 1, 2010".
6. **NEW BUSINESS**
   a. Setting of the meeting schedule for 2013
   b. Approval of WRF Change Order #3
7. **ADJOURNMENT**

If you are planning to attend this Public Meeting and, due to a disability, need assistance in understanding or participating in the meeting, please notify the City ten or more hours in advance and we will, within reason, provide what assistance may be required.

CERTIFICATE OF MAILING

The undersigned duly appointed City Recorder for the municipality of Santaquin City hereby certifies that a copy of the foregoing Notice and Agenda was e-mailed to the Payson Chronicle, Payson, UT, 84651.

BY: SBFarnsworth
Susan B. Farnsworth, City Recorder

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® Amendment to the agenda

MINUTES OF A COUNCIL MEETING
HELD IN THE COUNCIL CHAMBERS
DECEMBER 19, 2012

The meeting was called to order by Mayor James E. DeGraffenried at 5:57 pm. Council Members attending: Keith Broadhead, Matthew Carr, James Linford, and Rick Steele. Kirk Hunsaker attended the meeting via telephone.

Others attending: City Manager Ben Reeves, J-U-B Representatives Trevor Lindley and Norm Beagley, Flat Iron Representatives Brian Massa and Clint Bastian, and Greenhalgh Construction Representative Kirk Greenhalgh. At 6:30 Director Howard arrived. At 7:05 David Hathaway and Cynthia Johnson arrived.

PLEDGE OF ALLEGIANCE

City Manager Reeves led the Pledge of Allegiance.

INVOCATION/INSPIRATIONAL THOUGHT

Council Member Linford offered an Invocation.

CONSENT AGENDA

Minutes

December 12, 2012 Work Session
December 12, 2012 Council Meeting

Bills

$48,440.48

Council Member Steele moved to approve the Consent Agenda. Council Member Carr seconded the motion. Council Members Broadhead, Carr, Hunsaker, Linford and Steele voted in the unanimous.

RESOLUTION

Resolution 12-02-2012, "A Resolution of the Santaquin City Council Amending an Engineering Services Contract for the Design and Construction Management of the Santaquin City Wastewater Reclamation Facility Project as Originally Approved on December 1, 2010".

City Manager Reeves reported the original contract was missing some wording required by the funding partners. This Resolution includes the requirement by USDA. Council Member Broadhead asked why the request wasn't made back in December of 2010. It was reported that the request began in June or July after the construction had begun.

Council Member Linford moved to approve Resolution 12-02-2012, "A Resolution of the Santaquin City Council Amending an Engineering Services Contract for the Design and Construction Management of the Santaquin City Wastewater Reclamation Facility Project as Originally Approved on December 1, 2010". Council Member Carr seconded the motion. Council Members Broadhead, Carr, Hunsaker, Linford and Steele voted in the unanimous through a roll call vote.

NEW BUSINESS

Setting of the meeting schedule for 2013

Council Member Broadhead moved to approve the 2013 Council Meet schedule as follows: Work Sessions and Regular Council meetings will be held on the 1st and 3rd Wednesday of each month with the Work Sessions beginning at 6 and the Council Meetings at 7 with all others being called as deemed as necessary. Council Member Linford seconded the motion. Council Members Broadhead, Carr, Hunsaker, Linford and Steele voted in the unanimous.

Approval of WRF Change Order #3
Council Member Broadhead requested each of the items on the Change Order be addressed and discussed. (see attachment "A" for a copy of the Change Order) Council Member Broadhead stated if at any time they are "replacing something with something" there should be a credit given to the City. Mr. Massa indicated the materials on site were used when they could be. But the Contractor felt additional gravel would be to the advantage of the project. Council Member Steele thinks there is a "whole lot of dollar amount of after-thought". He as well as Council Member Broadhead would like updates more often. It was reported the project is approximately 52% complete. City Manager Reeves again invited any of the Council Members to attend the Tuesday meetings with regard to the Wastewater Treatment Facility. City Manager Reeves appreciates the Council Members insight

After the completion of the Change Order review, Council Member Linford moved to approve WRF Change Order #3 with replacing the 14" existing force main with a 10" force main through the Openshaw property and look into the option of purchasing the 18" casing that is being replaced by the 24" casing pipe and request minutes of the Tuesday Meetings to be available to the Council within 24 hours of the conclusion of the Tuesday Meeting.

Council Member Carr seconded the motion. Council Members Broadhead, Carr, Hunsaker, Linford and Steele voted in the unanimous through a roll call vote. Council Members Hunsaker and Broadhead voted against the motion.

City Recorder Farnsworth reported the recording of the meeting did not begin until approximately 30 minutes into the meeting.

ADJOURNMENT
At 7:58 pm Council Member Linford moved to adjourn. Council Member Carr seconded the motion. Council Members Broadhead, Carr, Hunsaker, Linford and Steele voted in the unanimous.

Approved on January 2, 2013.

James E. DeGraffenried, Mayor

Susan B. Farnsworth, City Recorder

Change Order

No. 3

Date of Issuance: December 18, 2012 Effective Date: ______

Project: Santaquin WRF	Owner: Santaquin City	Owner's Contract No.:
Contract: Santaquin City Water Reclamation Facility		Date of Contract: March 14, 2012
Contractor: Flatiron Constructors		Engineer's Project No.: 50-10-026/-09-016

The Contract Documents are modified as follows upon execution of this Change Order:

Description:

Modify scope as discussed with Owner in Scope Modification effort on April 4, 2012 (to accelerate lagoon decommissioning). Plus additional related changes for offsite and onsite facilities.

Attachments (list documents supporting change):

See attached documents showing the changes.

CHANGE IN CONTRACT PRICE:	**CHANGE IN CONTRACT TIMES:**
Original Contract Price: $14,615,330	Original Contract Times: ☒ Calendar days Substantial completion (days or date): 480 Ready for final payment (days or date): 540
[INcrease] from previously approved Change Orders No. 1 to No. 2: $(23,046)	[Increase] from previously approved Change Orders No. 1 to No. 2: Substantial completion (days): 30 days Ready for final payment (days): 30 days
Contract Price prior to this Change Order: $ 14,638,376	Contract Times prior to this Change Order: Substantial completion (days or date): 510 days Ready for final payment (days or date): 570 days
[Increase] of this Change Order: $ 248,875	[Increase] of this Change Order: Substantial completion (days or date): 0 days Ready for final payment (days or date): 0 days
Contract Price incorporating this Change O... $ 14,887,251	Contract Times with all approved Change Orders: Substantial completion: 510 days (Aug. 12, 2013) Ready for final payment: 570 days (Oct. 11, 2013)

RECOMMENDED:	ACCEPTED:	ACCEPTED:
By: ______	By: ______	By: ______
Engineer (Authorized Signature)	Owner (Authorized Signature)	Contractor (Authorized Signature)
Date: ______	Date: ______	Date: ______

Approved by Funding Agency (if applicable):

______ Date: ______

Santaquin Water Reclamation Facility
Change Orders - Accelerate Lagoon Decommissioning
Date 12/18/2012

Plus values are anticipated increases in total contract.
Minus values are deductions.

Item #	Item	Description	Estimated Construction Value	Accepted By City?	Estimated Savings	Comments	CO #1	CO #2	CO #3	CO #4
General Considerations/Specs										
1	Allowance Items	Select Parkson, Huber, Trojan, H S I.	-$191,464	Yes	-$191,464	Proposal costs were lower than allowance estimates. Value shown is that reduction in pricing.	-$188,161	-	-	-
2	Delete Administration Building	Delete entirely; plant can be run from MBR building	-$284,851	Yes	-$284,851	Admin building deleted; include utilities stubbed up for future admin bldg.	-$264,630	-	-	-
3	Scale back/delete landscaping	Schedule of Values estimated $200K per plan. Suggest $100K allowance.	-$100,000	Yes	-$100,000	Contractor is preparing submittals targeting 100K allowance; City has seen an initial concept. Further review/verification pending.	-$100,431	-	-	-
7	Less fencing; fence the direct site only not the entire parcel.	R317 requires fencing around treatment facilities. Extent to be determined.	-$7,600	Yes	-$7,600	Less fencing will be provided; main site will still be fenced	-$7,600	-	-	-
8	18" trunkline down from sewer lagoons	Current concept design is based on Master Plan (18-inch)	$564,879 (2007 Collection System Master Plan estimated cost at over $1M)	Yes	$564,879 (2007 Collection System Master Plan estimated cost at over $1M)	Pricing proposed as part of CO#2; City accepted with a gravel backfill; pricing was based on a preliminary set of drawings.	future CO	$770,661	-	
Offsite #1	- Offsite #1 Clay Dam Revision	Clay dams recommended to minimize trench settling potential				Clay dams to be provided approx. every 1000 feet. This will be a pay item (there may be a few more or a few less eventually). These were not formally part of Change Order #2 but were recommended with the gravel bedding that was accepted by City in CO#2.			$17,641	
Offsite #2	- Offsite #2 36-inch casing	Larger casing at Hwy 6 due to change of conditions through the bore				Large gravels/cobbles made boring across Hwy 6 difficult to keep bore aligned with 24-inch. Decision was made to go to 36-inch as best solution to ensure the grade and alignment on each end.			$22,038	
Offsite #3	- Offsite #3 Genola Well/HDPE	Division of Drinking Water Variance/enhanced construction methods through wellhead protection zone				Change Order #2 was priced and accepted based on preliminary set of drawings. Through final design and construction the presence of Genola's well required 1200 feet of pipe to be constructed to a different standard (HDPE). 18-inch PVC would have been approximately $70,000 for this portion of pipe. The HDPE cost is approximately $130,000 for this same piece.			$65,026	
Offsite #4	-Offsite #4 PI Drain at Lark	PI drain relocation/field finding				A PI drain was encountered at Lark Lane during construction; the drain was relocated. Relocated to location per Owner direction.			$6,290	
Offsite #5	-Offsite #5 Relocate 10-inch w/14-inch near 420 LS and Openshaw parcel	Relocate 10-inch w/14-inch near 420 LS and Openshaw parcel				This is related to the 10-inch raw sewage force main that will be converted to reclaimed water. This will straighten approx 247 feet behind 420 LS and relocate approx. 700 feet at Openshaw parcel to facilitate installation of 18-inch. Upsize is to faciliate more reclaimed water production in the future.			$46,205	
Offsite #6	-Offsite #6 Replace 6" Irrigation Line at Openshaw parcel	Replace 6" Irrigation Line at Openshaw parcel				To facilitate construction of 18-inch gravity line a relatocation of a private parties irrigation line is required from station 7+25 to 11+25.			$13,456	
Offsite #7	-Offsite #7 Relocate borings at lagoons	Relocate borings at lagoons for irrigation back to town.				As part of decision to go to 18-inch this resulted in modifications to the boring locations for the 10-inch irrigation line that comes back into town. This change is for mobilization changes and boring size changes for that work. Includes the 18-inch boring at lagoons.			$31,923	
Offsite #8	- Offsite #8 Railroad insurance	Railroad insurance to operate in RR ROW				With the final design there was concern to have minimal impact on orchards. To facilitate construction a temporary ingress easement was requested and granted from UPRR. This is the liability insurance policy required.			$5,185	
Offsite #9	-Offsite #9 Bypass during relocation of FM	Offsite #9 Bypass during relocation of FM				Bypass pumping required for relocation of FM at 420 LS and Openshaw			$1,607	
Offsite #10	-Offsite #10 Buried manholes	Buried manholes through Orchards				Through final design and disucssion with orchard growers from approximately Lark lane to Openshaw parcel some desired Owners buried manholes. This is to seal manhole lids in certain locations.			$3,874	

Offsite #11	-Offsite #11 Subcontractor Down days	Offsite #11 Subcontractor Down days				Sub down days; due to challenges of easement acquisition that impacted final design of the 18-inch from approximately Lark lane to 420 LS; offsite contractor had to mobilize to different locations and his production was delayed. Contractor has record of lost work time on a number of different days; he is asking for 3 days of down time.			$9,198	
8A	Additional Inter-Tie	Part of master plan to turn more southern flow to north; these could possibly be considered at a later date.	$91,000	Yes	$91,000	Inter-ties are not immediately needed at this time.	future CO	future CO	future CO	future CO
8C	Savings in less RW piping around lagoons with 18-inch	Sending Reclaimed into the head of lagoons reduces piping into larger winter storage ponds	-$100,000	Yes	-$100,000	-	future CO	future CO	future CO	
8D	Removal of sludge in lagoons	Sludge removal in cell 1 and prep Cells 1-3 for RW storage	$125,000	Yes	$125,000	-	future CO	future CO	future CO	
10	Parallel or replace the 10" RSFM that is being converted to RWFM	Not needed now; however 10-inch is thin wall pipe and parallel 12 could support other irrigation needs.	$300,000	Pending	No	Contractor still pricing this option. This would be done very last.	TBD	TBD	TBD	
11	Davis Bacon Wage Changes for Craft workers	DWQ required change (due to delay)						$76,908	-	
Headworks										
05-1	Convert influent splitter box to piping	A flow split into the screens is needed, this can be done with piping or channels.	-$30,400	Yes	-$30,400	-	-$41,078	-	-	
05-2	Eliminate/reduce stairs up to deck/reduce decking	Eliminate grating on west side of building.	-$11,988	yes	-$11,988	Included in 05-1	included	-	-	
05-8	Eliminate Winch and Footing	Dewatering chute dumps into one locatation in bin.	-$20,311	Yes	-$20,311	City to use dump trailer instead.	-$20,311	-	-	
MBR Process Building.								-	-	
02-1	Reduce scope of laboratory	Scale back the case work.	-$15,000	Yes	-$15,000	JUB to work with architect to scale back casework in laboratory.	-$15,000	-	-	
02-2	Eliminate awning/porch on south side of process bldg.	Structurally, removing this is OK, does not impact overall canopy structure.	-$11,000	Yes	-$11,000	Will be included with 20-3	$0	-	-	
16-2A	Delete Skylights		-$16,000	Yes	-$16,000	-	-$10,032	-	-	
16-9	Convert axial membrane feed pumps to submersible pumps	Eliminate concrete sump/valve vault. Replace with dry pit pumps/piping.	-$25,000	Yes	-$25,000	-	future CO	future CO	future CO	
	-Onsite Item #5 - Lower floor for future pump #3	-Onsite Item #5 - Lower floor for future pump #3				As part of VE16-9 dry pit pumps will replace wet submersible pumps. To ensure better operating conditions of those pumps (recycle pump station-Kiva #1) the floor was lowered on west end of membrate tanks. To match that condition on the east end of tanks and to better prepare to bring train #3 on-line in 15 to 20 years, a second area on east of tanks was lowered. This will allow Owner to bring train 3 on-line with less future impact. It will also allow the dewatering feed pumps to operate more efficiently.			$17,040	
20-1	Coat fewer membrane tanks	Only coat the tanks proposed for use	-$18,150	Yes	-$18,150	JUB/Flatiron to look at less FRP; work with coating supplier and GE to verify final recommended approach.	future CO	future CO	future CO	
20-2	Not meter return flow (or change out Flo-Dar)	More difficult process control if not metered at all.	-$8,000	Yes	-$8,000	In VE 16-9	-$8,000	-	-	
20-3	Change out building to pre-engineered metal bldg.	Pre-engineered structures tend to utilize different framing system and less welding. Require "deferred" submittal where Engineer provides more review as design is submitted. Would need to verify proposed structural members do not interfere with overhead clearance.	-$150,000	Yes	-$150,000	Mayor seemed a bit concerned that this savings could not be realized. JUB, Flatiron, architect to verify all coatings, wall panels, clearances, etc. confirm savings and amount of redesign. OK if design intent is met, clearances are met, and no batt insulation.	future CO	-$139,080	-	
	-Onsite #12 Capacity for Solar	Capacity for Solar				Original Contractor VE/Pre-engineered bldg price did not include capacity for solar panels. Capacity was added to accommodate future solar if City were to implement.			$3,561	
20-4	LEAP MBR system	Estimated 30% reduction in energy cost. May result in some construction cost savings which has not been quantified.	$61,000	Yes	$62,000	Cost shown is for current capacity of 0,65 AADF.	$60,924	-	-	
20-5	Delete membrane drain pumps	Route piping to recycle lift station.	-$10,000	Yes	-$10,000	In VE 16-9	-$15,368	-	-	

23-1	Eliminate chemical rooms	Eliminate chemical rooms and locate chem systems in containment near UV channels in main process area.	-$21,211	Yes	-$21,211	-	-$21,211	-	-	
Electrical										
E-2	Verify generator sizing	Generator shown as 1000 kW on Sheet E00-07 which addressed all duty equipment over 20 year life. Notably oversided			No					
E-3	Onsite #2 - Reduce spec/features on generator		-$20,000	Yes	-$20,000	-	future CO	future CO	-$27,067	
E-5	Open Lighting spec packge	Allow for other suppliers to provide equipment that meets intent of spec.	-$40,175	Yes	-$40,175		-$40,175	-	-	
E-7	Re-align Main Feed	To match north side entrance.	-$4,269	Yes	-$4,269		-$4,269	-	-	
E-8	Provide Standard Typical Lightpole (not City Standard)		-$10,100	Yes	-$10,100	City will provide the actual poles	-$10,100	-	-	
Additional onsite Items										
Onsite #3	Ductile Iron Polywrap	Provide ductile iron pipe polywrap				Provides higher level of corrosion protection for ductile pipe. Recommend adding to contract			$1,959	
Onsite #4	Truss revisions	Truss revisions at HW and RWPS				Through shop drawing review it was noted the design loading needed to be increased for code purposes. This resulted in additional 0.7 tons of steel and a connection modification at the HW bldg. center wall.			$5,145	
Onsite #6	Thrust block on future #4	Thrust block on future #4				Splitter box to future #4 will be left empty with no force on MJ end cap. To ensure no leakage at end of pipe in the event where the future empty pipe gets pressure from the splitter box. A thrust block was recommended as a field change.			$307	
Onsite #7	Spare conduit in Basin #3	Spare conduit in Basin #3				With lagoon decommissioning the City may consider bringing train 3 into process service sooner. Depending on growth the basin may be needed in 15 to 20 years instead of beyond 20 years. As a field change to facilitate easier future use spare conduit is recommended.			$5,642	
Onsite #8	Second De-Ox Zone Mixer	Second De-Ox Zone Mixer				Design has two deox zones with one outfitted now and one to be outfitted in the future. The future would have been at around 1.0 mgd. This would have occurred beyond 15 years with lagoons on. With the lagoons offline the need for the second tank is sooner so it makes the most sense to outfit it with a mixer now.			$7,663	
Onsite #11	Irrigation Connection	Irrigation Connection to the east parcel				Owner requested a 6-inch reclaimed water irrigation connection near the south end of site extending out to the east.			$4,824	
Onsite #14	Gravel under MBR building slab	Gravel under MBR building slab				To minimize heave potential during cold weather freeze/thaw under the slab a field change was made to include well drained gravel/rock.			$7,358	

	AS BID		CO#1	CO#2	CO#3
		Net Reductions/Additions	**-$685,443**	**$708,489**	**$248,875**
Budgeted Future or Actual Non-Construction Costs	$3,153,867		$3,153,867	$3,199,444	$3,199,444
Construction Cost (Contract)	$14,615,330		$13,929,887	$14,638,376	$14,887,251
Estimated Total Project Costs	$17,769,197		$17,083,754	$17,837,820	$18,086,695
Non CUWCD Funding Partners	$17,213,913		$17,213,913	$17,213,913	$17,213,913
CUWCD	$1,000,000		$1,000,000	$1,000,000	$1,000,000
Estimated Total Funding	$18,213,913		$18,213,913	$18,213,913	$18,213,913
Contingency As-Bid	$444,716	**Contingency With CO's**	$1,130,159	$376,093	$127,218
Contingency %	3.0%			**Estimated Remaining Contract Amount**	$9,500,000
				% Contingency to Remaining Contract	1.3%