



**Contract Amendment  
No. 1  
Contract Number: CON-17-3977-A1**

**Office of Procurement**  
190 N. Litchfield Road  
P.O. Box 5100  
Goodyear, AZ 85338  
Phone: 623-882-7845

**Site 12 Treatment Expansion  
and  
Site Work, 2 New Production Wells and Reservoir  
Guaranteed Maximum Price (GMP-1)**

Pursuant to Article 5 – Contract Price, Section – 5.3, GMP (in its entirety), the following GMP Contract Amendment to contract CON-17-3977 is hereby mutually agreed upon:

**ADD:**

GMP Contract Amendment 1:

**GMP-1 Amount: \$15,989,303.00**

The City of Goodyear (Public Works Department) has negotiated the attached (Exhibit A), GMP-1 to include the completion of design and construction for the following project: Site 12 Treatment Expansion and Site Work, 2 New Production Wells and Reservoir in accordance with the attached plans, specifications and schedule and in the amount as identified herein all-inclusive of the requirements of the project and not limited to inclusion of Certificate of Insurance, Additional Insured Endorsements, Payment and Performance Bonds.

***No other terms, conditions, or performance standards written or implied are changed.***

Procurement Officer: Victoria Jackson, CPPO

<b>City of Goodyear</b>		<b>Hunter Contracting Co.</b>	
By: _____	By: <u>Rob Padilla</u>	Signature	<u>6/25/18</u> Date
Jacque Behrens, CPPB			
Title: _____	Title: _____	Typed Name and Title	
Procurement Manager	Rob Padilla, President		
<b>Attested By:</b>		<b>Approved as to Form By:</b>	
_____	_____		
Darcie McCracken, City Clerk	Roric Massey, City Attorney		

# DESIGN-BUILD GMP SUMMARY FORM Option All per Plan All Included

Project Name: Site 12 Treatment Expansion All Per Plan  
GMP 1 90% Cost Model All Included

Date: revised 6 22 18

Project Location: City of Goodyear

Project No: WA-1710

Contract No: 2017-2106-0633

A.1 Direct Costs:		Amount
Summary of Work in the Overall Project Construction		
1) Construction Services Contract with Engineer	\$	980,203
2) Reconcile Pre Construction Contract for Wells 24 & 25	\$	465,345
3) Well 24 90% GMP	\$	806,826
4) Well 25 90% GMP	\$	753,948
5) Site 12 Facility Long Lead Items	\$	6,459,168
6) Site 12 GMP #2 Items (and Reconcile GMP#1)	\$	2,833,329
7) General Requirements for Construction	\$	787,211
A.2 Allowances & Contingencies:	\$	430,000
1) Contractors Contingency for construction	\$230,000.00	
2) Design Development Contingency (project)	\$0.00	
3) Owner's Contingency for Construction	\$40,000.00	
4) Well 24 Scenario #1-No Assistance to Well Effort	\$0.00	
5) APS Contingency (WS 25/24&Site 12) APS	\$160,000.00	
A. - Total of Direct Costs:	\$	13,516,030
B. General Conditions:	8.50%	\$ 1,148,862.55
Subtotal 1 (Cost Of The Work)		\$ 14,664,893
C. Contractor's Fee:	3.40%	\$ 498,606.35
Subtotal 2		\$ 15,163,499
D. Bonds and Insurance Allowances:		
D1 Bonds	0.84%	\$ 127,373.39
D2 Insurance	1.09%	\$ 165,282.14
D. - Bonds & Insurance Allowance Total:		\$ 292,656
Subtotal 3	13.83%	\$ 15,456,154
E. Sales Tax		
E1 Sales Tax	6.37%	\$ 984,557.04
E2 Tax Credits		\$ 451,408.00
E. - Sales Tax Total:		\$ 533,149
F. GMP Proposal: Request For Council Action 7/9/18		\$ 15,989,303
G. Design / Post-Design Services:		
H. Preconstruction Services: Executed	Dec. 20 2017	\$ 3,861,728
HH. Raw Water Pipeline Project		\$ 610,000
HHH. Site 12 Land Acquisition		\$ 335,000
I. Previous GMP's: (this is a single GMP for Entire Project)		
J. Total Project Cost		\$ 20,796,031

## NOTES:

- Contractor to fill in highlighted areas only:
 
  - Direct Costs (A) to be completed as the cost estimate is developed.
  - Indirect Cost (B, C and D) percentages to be established during preconstruction phase negotiations.
- Formulas Used in Calculations:
  - Subtotal 1 = A + B
  - Contractor's Fee (C) = C Percentage x Subtotal 1
  - Subtotal 2 = C + Subtotal 1
  - Bond & Insurance Allowances = D Percentages x Subtotal 2
  - Subtotal 3 = D + Subtotal 2
  - Sales Tax (E1) = Subtotal 3 x 5.07%
  - GMP Proposal (F) = Subtotal 3 + E
  - Preconstruction Services (G) is Contractor's costs associated with that phase.
  - Previous GMP's (H) includes total cost of previous approved GMP's
  - Total Project Cost (I) = F + G + H

Hunter Contracting Company

Project Name: Site 12 Treatment Expansion All Per Plan GMP 1 90% Cost Model All Included

Project No: WA-1710

June 22, 2018 mrr

Date: revised 6 22 18

SCHEDULE OF VALUES					
Item	Description	Quantity	UoM	Unit Cost	Total Cost
<b>1</b>	<b>Construction Services Contract with Engineer</b>	<b>1</b>	<b>LS</b>		<b>\$ 980,203</b>
1.1	NCS CONSTRUCTION SERVICES (ALL GMP EFFORTS) FOR CONSTRUCTION	1	LS	\$ 619,500.00	\$ 619,500
1.2	DELTA ELECTRICAL SERVICES	1	LS	\$ 170,075.00	\$ 170,075
1.3	RPA RECONCILIATION-this is washed with Precon	1	LS	\$ 20,000.00	suspended
1.4	Scope Addition : Arsenic Treatment both NCS and Delta	1	LS	\$ 163,781.00	\$ 163,781
1.5	Delta Arc Flash overall project scope	1	LS	\$ 25,847.00	\$ 25,847
1.6	field expense allowance by NCS	1	LS	\$ 1,000.00	\$ 1,000
1.7	IF YOU DONT BUILD WELL 25 (construction services)	1	LS	\$ (80,000.00)	suspended
<b>2</b>	<b>Reconcile Pre Construction Contract for Wells 24 &amp; 25</b>	<b>1</b>	<b>LS</b>	<b>\$ -</b>	<b>\$ 465,345</b>
2.1	Supervision	15	Week	\$ 7,829.09	\$ 117,436
2.2	Reconcile Well Drilling with YJ and AZ Beaman - \$reconcile the precon delta (\$)	1	LS	\$ 322,908.50	\$ 322,909
2.3	Well 24 Situation and Measures to Move Well or Handle additional work	1	Each	\$ 600,000.00	suspended
2.5	Actual Allowance for Reconciling the Pre Construction with City of Goodyear	1	Each	\$ 25,000.00	\$ 25,000
<b>3</b>	<b>Well 24 90% GMP</b>	<b>1</b>	<b>LS</b>		<b>\$ 806,826</b>
3.1	Precompact Fill Areas	1,690	SY	\$ 8.14	\$ 13,759
3.2	Masonry Well Site 24	378	LF	\$ 136.02	\$ 51,416
3.3	20' Manual Roller Gate with Operator and Knox Box	1	EA	\$ -	\$ -
3.4	20' Roller Gate	1	EA	\$ 6,384.00	\$ 6,384
3.5	3' Man Gate	1	EA	\$ 880.00	\$ 880
3.6	Berm Around Basin	112	LF	\$ 127.74	\$ 14,307
3.7	Piping	1	EA	\$ 113,689.43	\$ 113,689
3.8	Standpipe 48" Mag 503 Type "B"	1	EA	\$ 3,637.61	\$ 3,638
3.9	Remove Asphalt in Lower Buckeye	5	SY	\$ 728.46	\$ 3,642
3.1	Hydroseed Outside Wall and Driveway Area	1,990	SY	\$ 1.30	\$ 2,584
3.11	no pavement use compacted ABC	1	LS	\$ 10,925.00	\$ 10,925
3.12	Asphalt Driveway 2.5" Thick AC on 7"ABC	285	SY	\$ 54.69	suspended
3.13	Site DG - 2" Deep w/ Pre-emergent	13,420	SF	\$ 1.00	\$ 13,391
3.14	Well Equipping	1	EA	\$ 155,465.70	\$ 155,466
3.15	Acoustical Enclosure-deleted on this project	1	EA	\$ 34,740.09	suspended
3.16	Piping	1	EA	\$ 10,903.88	\$ 10,904
3.17	De-sander (high velocity of 12inch to break tnk)	1	LS	\$ 28,158.44	suspended
3.18	Tailing Post	1	EA	\$ 506.63	\$ 507
3.19	Paint Sub	1	EA	\$ 40.00	\$ 40
3.2	Electrical, SES and MCC	1	LS	\$ 339,299.45	\$ 339,299
3.21	Shade Canopy over Electrical (Well Site 24)	1	LS	\$ 23,165.00	\$ 23,165
3.22	Generator by Owner-Receptacle hook up	1	EA	\$ 11,000.00	\$ 11,000
3.23	Antenna Base	1	EA	\$ 685.06	\$ 685
3.24	Bollards Mag Dtl 140, Type 1 (Permanent)	8	EA	\$ 2,139.09	\$ 17,113
3.25	Paint Subcontractor	1	LS	\$ 7,470.00	\$ 7,470
3.26	Landscaping Allowance	450	SY	\$ 11.25	\$ 5,063
3.27	Signage - Well 24	1	LS	\$ 1,500.00	\$ 1,500

SCHEDULE OF VALUES					
Item	Description	Quantity	UoM	Unit Cost	Total Cost
4	Well 25 90% GMP	1	LS		\$ 753,948
4.1.1	Earthwork -	586	CY	\$ 19.96	\$ 11,698
4.1.2	Site - Finish Grade	2,700	SY	\$ 1.33	\$ 3,592
4.1.3	Construct 8' CMU Wall	376	LF	\$ 174.98	\$ 65,794
4.1.4	20' manual Roller Gate with Operator and Knox Box	1	EA	\$ 8,732.00	\$ 8,732
4.1.5	3' Man Gate	1	EA	\$ 880.00	\$ 880
4.1.6	Dry Well	1	EA	\$ 16,055.27	\$ 16,055
4.1.7	Berm Around Basin	112	LF	\$ 11.20	\$ 1,254
4.1.8	Spillways in to Basin	598	SF	\$ 13.57	\$ 8,116
4.1.9	12" Riprap on Basin Slopes	40	CY	\$ 154.78	\$ 6,191
4.1.10	Piping	1	EA	\$ 82,317.05	\$ 82,317
4.1.11	Standpipe 48" Mag 503 Type "B"	1	EA	\$ 3,637.61	\$ 3,638
4.1.12	Remove Concrete Lined Channel	50	LF	\$ 16.30	\$ 815
4.1.13	30" RGRCP Adj Class __ (has notes)	30	LF	\$ 517.30	\$ 15,519
4.1.14	Pipe for Sheet-flow Crossings (12" PVC @ 2 locations)	6	EA	\$ 4,454.01	\$ 26,724
4.1.15	Clearing and Grubbing-ROW for road above/well site is very little	1,970	SY	\$ 2.49	\$ -
4.1.16	Well EQUIPPING (1000 gpm in lieu of 1500 gpm)	1	EA	\$ 164,721.36	\$ 115,305
4.1.17	Acoustical Enclosure	1	EA	\$ 34,740.09	suspended
4.1.18	Piping	1	EA	\$ 8,286.81	\$ 8,287
4.1.19	De-sander leave it low velocity sand analysis pending	1	LS	\$ 28,158.44	\$ 28,158
4.1.20	Hydropneumatic Pressure Tank - 3000 gal	1	EA	\$ 51,309.58	\$ 51,310
4.1.21	Tailing Post	1	EA	\$ 546.63	\$ 547
4.1.22	NO VFD, SMALLER 100HP SOFTSTART AND MCC	1	LS	\$ 216,299.45	\$ 216,299
4.1.23	Shade Canopy over Electrical I (Well Site 25)	1	LS	\$ 23,165.00	\$ 23,165
4.1.24	NO GENERATOR MAKE A RECEPTACLE FOR A TOW BEHIND	0	EA	\$ 99,603.31	\$ 11,952
4.1.25	Antenna Base	1	EA	\$ 685.06	\$ 685
4.1.26	Bollards Mag Dtl 140, Type 1 (Permanent)	8	EA	\$ 570.63	\$ 4,565
4.1.27	Testing and Acceptance (Bacteria, Pressure, etc.)	1	LS	\$ 20,474.08	\$ 20,474
4.1.28	Paint Subcontractor	1	LS	\$ 9,450.00	\$ 9,450
4.1.29	Landscaping Allowance	450	SY	\$ 11.25	suspended
4.1.30	Signage - Well 25	1	LS	\$ 1,500.00	\$ 1,500
4.1.31	no pavement use compacted ABC	1	LS	\$ 10,925.00	\$ 10,925
4.1.32	Asphalt Driveway 2.5" Thick AC on 7" ABC	214	SY	\$ 69.80	suspended
4.1.33	Site DG - 2" Deep w/ Pre-emergent	13,420	SF	\$ 0.62	suspended
4.1.34	Hydroseed Outside Wall and Driveway Area	1,990	SY	\$ 1.30	suspended
5	Site 12 Facility Long Lead Items that We can Order and Construct prior to Fall 2	1	LS		\$ 6,459,168
5.1.1	Demolition of the South Wall for Soil Removal& New Access (excludes south wal	1,299	LF	\$ 24.43	suspended
5.1.2	Earthwork RPA Site Plan - reduced work	8,500	CY	\$ 12.30	\$ 104,559
5.1.3	Construct 8' CMU Wall w/ Cantilever Footing	1,447	LF	\$ 202.24	\$ 292,638
5.1.4	20' Roller Gate, Operated at bldg entry -ALL GATES ARE MANUAL	1	LS	\$ 42,750.79	\$ 42,751
5.1.5	Tail Water CL Fence in SW Corner of Site 12	1	LS	\$ 6,500.00	suspended
5.1.6	CHAINLINK FENCE ON WEST SIDE (Includes the Tail Water plan-also)	830	LF	\$ 30.00	\$ 24,900
5.1.7	2MG Steel Reservoir	1	LS	\$ 1,476,861.47	\$ 1,476,861
5.1.8	CIP Tank in lieu of Stel Tank (save Footprint)-160,000 gal Break Tank (steel was p	1	LS	\$ 341,993.54	\$ 341,994
5.1.9	Under Ground Piping	1	EA	\$ 582,870.35	\$ 582,870
5.1.10	Retaining Wall	296	CY	\$ 818.34	suspended
5.1.11	Structural Excavation & Backfill - Small Crew & Quantities	338	CY	\$ 303.96	\$ 102,739
5.1.12	Slurry Backfill (moved the Break Tank away from Road, shoring gone)	500	CY	\$ 70.34	suspended
5.1.13	RO Building Shell and Structure (SMALLER BUILDING JUST RO INDUSTRIAL/EIC)	6,060	SF	\$ 47.59	\$ 288,404
5.1.14	MOPO Underground Electrical and Site Lighting	1	EA	\$ 317,770.00	\$ 317,770
5.1.15	Static Mixer/Strainers and Special Mechanical Systems	1	EA	\$ 157,922.50	\$ 157,923
5.1.16	RO System WITH 3 SKIDS (NO REDUNDANCY)	1	LS	\$ 1,486,367.40	\$ 1,486,367
5.1.17	Electrical - MCC, SES (UTILIZE LOW AMOUNT ON SITE 12 EXISTING)	1	LS	\$ 1,125,000.00	\$ 1,125,000
5.1.18	Generator	1	EA	\$ 114,391.78	\$ 114,392

SCHEDULE OF VALUES					
Item	Description	Quantity	UoM	Unit Cost	Total Cost
6	Site 12 GMP #2 Items (and Reconcile GMP#1)	1	LS		\$ 2,833,329
6.1.1	RO Building - Concrete (modified with the skids and subbase) Bldg=6050SF	400	CY	\$ 693.57	\$ 277,428
6.1.2	EXISTING RO SYSTEM	1	LS	\$ 14,954.17	\$ 14,954
6.1.3	Finish Grade Dress Up the Site for Final Acceptance	1	EA	\$ 130,261.69	\$ 130,262
6.1.4	Elevated Pipe Supports so the Piping is out of the floor and over the Skids	50	CY	\$ 840.32	\$ 42,016
6.1.5	Break Tank Pumps/and a Sump Pump for cleanout to sewer	3	EA	\$ 66,666.67	\$ 200,000
6.1.6	Vertical Turbine Pumps-bps SITE 12	3	EA	\$ 76,439.71	\$ 229,319
6.1.7	Overall Site Controls, Programming and Integration of all Mfgr Equipment	1	EA	\$ 603,517.00	\$ 603,517
6.1.8	Erect the Building and maintain Fire and HVAC in RO Shell	6,050	SF	\$ 23.43	\$ 141,750
6.1.9	Modular Building Office Space, Control Center and Laboratory	3,600	SF	\$ 54.00	suspended
6.1.10	CO 2 SYSTEM FOR RO or Chemical (Acid) in lieu	0	EA	\$ 692,743.67	\$ 138,549
6.1.11	Paint Subcontractor-finishes at the Booster PS	1	LS	\$ 12,000.00	\$ 12,000
6.1.12	Paint the process piping and equipment	1	LS	\$ 80,361.75	\$ 80,362
6.1.13	Arsenic Treatment Plant at Site 12 (CONTROLS TO BE DESIGNED)	1	EA	\$ 742,622.40	\$ 742,622
6.1.14	MONOPOLE (not designed yet)	1	EA	\$ 197,655.00	suspended
6.1.15	Anti Scalant System and Components	1	LS	\$ 98,400.00	\$ 98,400
6.1.16	Disinfection, Tanks and other Systems for Liq Cl2	1	LS	\$ 122,150.00	\$ 122,150
7	General Requirements for Construction	1	LS		\$ 787,211
7.1.1	Mobilization	1	LS	\$ 14,582.92	\$ 14,583
7.1.2	Construction Water	1	MO	\$ 11,400.00	\$ 11,400
7.1.3	Compliance Testing	1	MO	\$ 9,900.00	\$ 9,900
7.1.4	Survey, RLS	1	MO	\$ 12,600.00	\$ 12,600
7.1.5	SWPPP, Dust Control Permit & Plan	1	LS	\$ 11,385.00	\$ 11,385
7.1.6	SWPPP - BMP's, Dust Control & Sweeping	1	MO	\$ 35,189.15	\$ 35,189
7.1.7	Traffic Control	1	LS	\$ 9,200.00	\$ 9,200
7.1.8	Site Facilities, Management & Supervision (revised with HCC completely)	14	MO	\$ 48,782.41	\$ 682,954

	<b>SUBTOTAL DIRECT COST OF CONSTRUCTION</b>	<b>\$ 13,086,030</b>
	note the tax exempt on cover	\$ (451,408)
	Please note, this is direct cost before Tax Cut is applied: In our Hard Doller Program It is done above and spread thruout, the HD CBS and pay/proposal do not match	
	the CBS will be this \$ amount	\$ 12,634,622