



**Estimated Project Schedule**

ATM anticipates completing this project 17 consecutive working days after date of photography, or receipt of control, whichever is later. Please note certain delays may exist, i.e., weather and/or air flight restrictions, that are beyond our control.

**Summary & Terms**

Summary for Photogrammetric Services		
Service	Description	Schedule
Aerial Photography	4.5cm Digital Imagery	17 Working Days
Overlap	60%	
Aerial Ground Control	18 Aerial Targets (6"x6')	
Contour Interval	1 Foot (DTM & Breaklines)	
Mapping Scale	1" = 40'	
Stereo Model Count	28 (set 26)	
Planimetric	Full Detail	
Plot	N/A	
Format	AutoCAD	
Layers	Dibble	
Digital Orthophoto	Color, TIFF, 0.15' Pixel Resolution	
<b>Total Fee</b>		<b>\$12,760.00</b>

**Payment Schedule Net 30 Days**

This proposal will remain effective for 60 days after the date of this letter. If you have any questions, please do not hesitate to contact us at any time. ATM appreciates the opportunity of submitting this proposal and we look forward to working with Dibble Engineering.

Your signature in the space provided below indicates your acceptance of the scope of work and terms of the proposal and serves as our Notice to Proceed.

Sincerely,

Tim Burrows  
Account Manager

Accepted By: **Dibble Engineering**

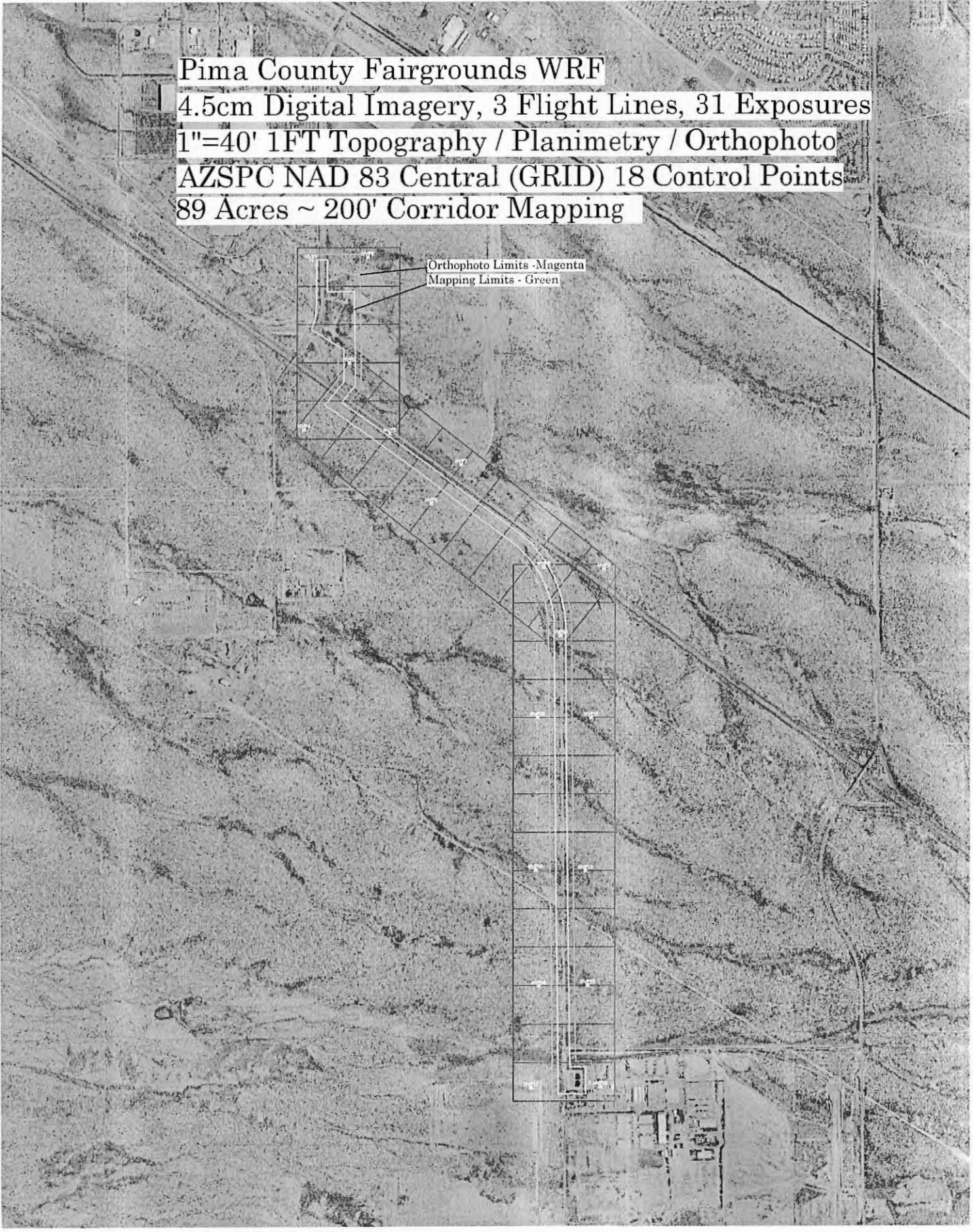
\_\_\_\_\_  
Keith Faucett, PE

\_\_\_\_\_  
Client Project Number

\_\_\_\_\_  
Date

Pima County Fairgrounds WRF  
4.5cm Digital Imagery, 3 Flight Lines, 31 Exposures  
1"=40' 1FT Topography / Planimetry / Orthophoto  
AZSPC NAD 83 Central (GRID) 18 Control Points  
89 Acres ~ 200' Corridor Mapping

Orthophoto Limits - Magenta  
Mapping Limits - Green



June 29, 2018

Keith Faucet  
Dibble Engineering  
177 North Church Avenue, Suite 711  
Tucson, AZ 85701  
Phone: (520) 495-4065  
Email: keith.faucett@dibblecorp.com

Re: Dibble - RWRD Fairgrounds Pump Station  
Proposal No.: 180088 Delivered via E-mail

Mr. Faucet:

On behalf of the CEI staff, I would like to thank you for inviting us to participate in the proposal process for this project. In response to your request for quotation for the above named project, we have attached our professional engineering services proposal.

Please do not hesitate to contact me at anytime if you have questions or concerns regarding this proposal.

Sincerely,



R. Ben Canfield, P.E.  
Vice President of Engineering

Attachments: Proposal

Cc: File

PROPOSAL NO.: 180088

DIBBLE - RWRD FAIRGROUNDS PUMP STATION

PROPOSAL

PREPARED FOR:

**DIBBLE**

**Client**

**Signature:** \_\_\_\_\_

**Printed Name:** \_\_\_\_\_

**Date:** \_\_\_\_\_

June 29, 2018

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## **Project Overview:**

Dibble Engineering Corp is seeking Professional Engineering Services to design an upgrade to an existing lift station with Pima County's Regional Wastewater Reclamation District (RWRD) at the Fairgrounds site. The facility includes (2) pumps with odor control. The work will consist of supporting a design report, producing design documentation for a contractor to implement. An additional task has been included for support during construction.

The project is located at the Fairgrounds site and will require new power distribution and controls while existing telemetry will be utilized. The site requires a standby generator system.

Equipment that requires control and monitoring such as (2) lift pumps and instrumentation will be wired to a new PLC control panel with network switches and operated based on RWRD standards.

## **Scope of Work:**

### **Task 101 Design Documentation**

CEI will communicate with Dibble and RWRD's staff to understand the site requirements. Based on calculations and understanding of RWRD's needs a preliminary sketch and write up of the new power and control requirements will be provided to support the design report. An Opinion of Probable Construction Cost (OPCC) will be provided.

Upon completion and coordination with the team, CEI will provide design drawings and OPCC with regard to Electrical, Instrumentation and Control (EI&C), which includes P&IDs to assist with coordination. CEI will coordinate with the electrical utility to coordinate site capacity. CEI will attend a design meeting prior to start and for each submittal and maintain communications through-out the project. There will be a conceptual sketch and (2) submittals prepared.

**Deliverables:**

- On-Site Meetings
- Design report to include Calculations and electrical/operational requirements
- (2) submittals for EI&C design package includes:
  1. Drawings
  2. Specifications
  3. OPCC

**Task 102 Construction Support**

CEI proposes to provide construction observation services during the course of construction of the tanks, booster stations, electric and controls. Services include review and comments for submittals and startup documentation and response to contractors Request For Information (RFI)

**Deliverables:**

- RFI Response
- Submittal Review Comments
- Site Visit Reports
- Phone Support Follow-up documentation
- Record Drawings
- Startup Support

**Project Schedule:**

Upon Notice-To-Proceed CEI will coordinate with the design team to set deliverable dates.

**Fee Schedule:**

The services included in this proposal will be completed per the Time and Material tasks attached with a breakdown of hours and hourly rates. The project will be billed monthly based on percent complete.

**Exceptions and Clarifications:**

- Procurement of software and hardware excluded from proposal
- Fabrication or construction excluded from proposal
- Check prints will be sent in PDF format
- Drawings will be prepared in AutoCAD
- Taxes excluded
- Net 30 day payment



**PROPOSED LEVEL OF EFFORT**  
**ELECTRICAL, INSTRUMENTATION AND SYSTEM INTEGRATION**

**Project Name** Dibble - RWRD Fairgrounds Pump Station

**Project Number:** 180088

**Task:** 101 Design

Task #	Description	LEVEL OF EFFORT							TOTAL
		Engineering Manager	Proj. Manager	Proj. Engineer	Senior Designer	Junior Designer	AutoCAD Drafter	Admin.	
101	Meetings	8.00		2.00		0.0	0		10.0
102	Site Visit	0.00		0.00		0.0	0		0.0
103	Report	0.40		4.00		0.0	0	0.4	4.8
104	Engineers Estimate	0.40		4.00		0.0	0		4.4
105	Details	0.20		2.00		1.0	1.0		4.2
106	Demo Drawings	0.00		0.00		0.0	0.0		0.0
107	Single Line Diagram	0.40		4.00		2.0	2.0		8.4
108	Calculations	0.20		2.00		1.0	1.0		4.2
109	Conduit and Conductor Schedule	0.20		2.00		1.0	1.0		4.2
110	Site Plans	0.80		8.00		4.0	4.0		16.8
111	Control Schematics	1.00		10.00		5.0	5.0		21.0
112	P&IDs	0.80		8.00		4.0	4.0		16.8
113	Specifications	1.30		13.00		0.0	0.0	1.3	15.6
114	Bid Phase	0		0		0	0		0.0
115									0.0
									0.0
									0.0
Total Drawings									
Total Hours		13.7	0.0	59.0	0.0	18.0	18.0	1.7	110.4
Maximum Billing Rate		\$180.00	\$150.00	\$150.00	\$135.00	\$85.00	\$65.00	\$45.00	
<b>TOTAL LABOR (\$)</b>		<b>2,466.00</b>	<b>0.00</b>	<b>8,850.00</b>	<b>0.00</b>	<b>1,530.00</b>	<b>1,170.00</b>	<b>76.50</b>	<b>\$ 14,092.50</b>
<b>Expenses</b>		<b>Units</b>		<b>Rate</b>		<b>Quantity</b>			
		200		\$ 0.55		2			
		0		0					
		0		0					
		1.15%		0					
<b>TOTAL EXPENSES</b>									<b>\$ 221.20</b>
<b>TOTAL</b>									<b>\$ 14,313.70</b>

**PROPOSED LEVEL OF EFFORT  
ELECTRICAL, INSTRUMENTATION AND SYSTEM INTEGRATION**

**Project Name** Dibble - RWRD Fairgrounds Pump Station

**Project Number:** 180088

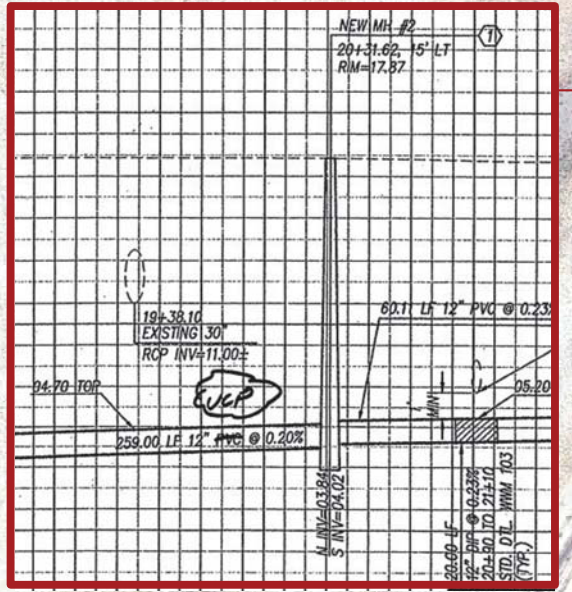
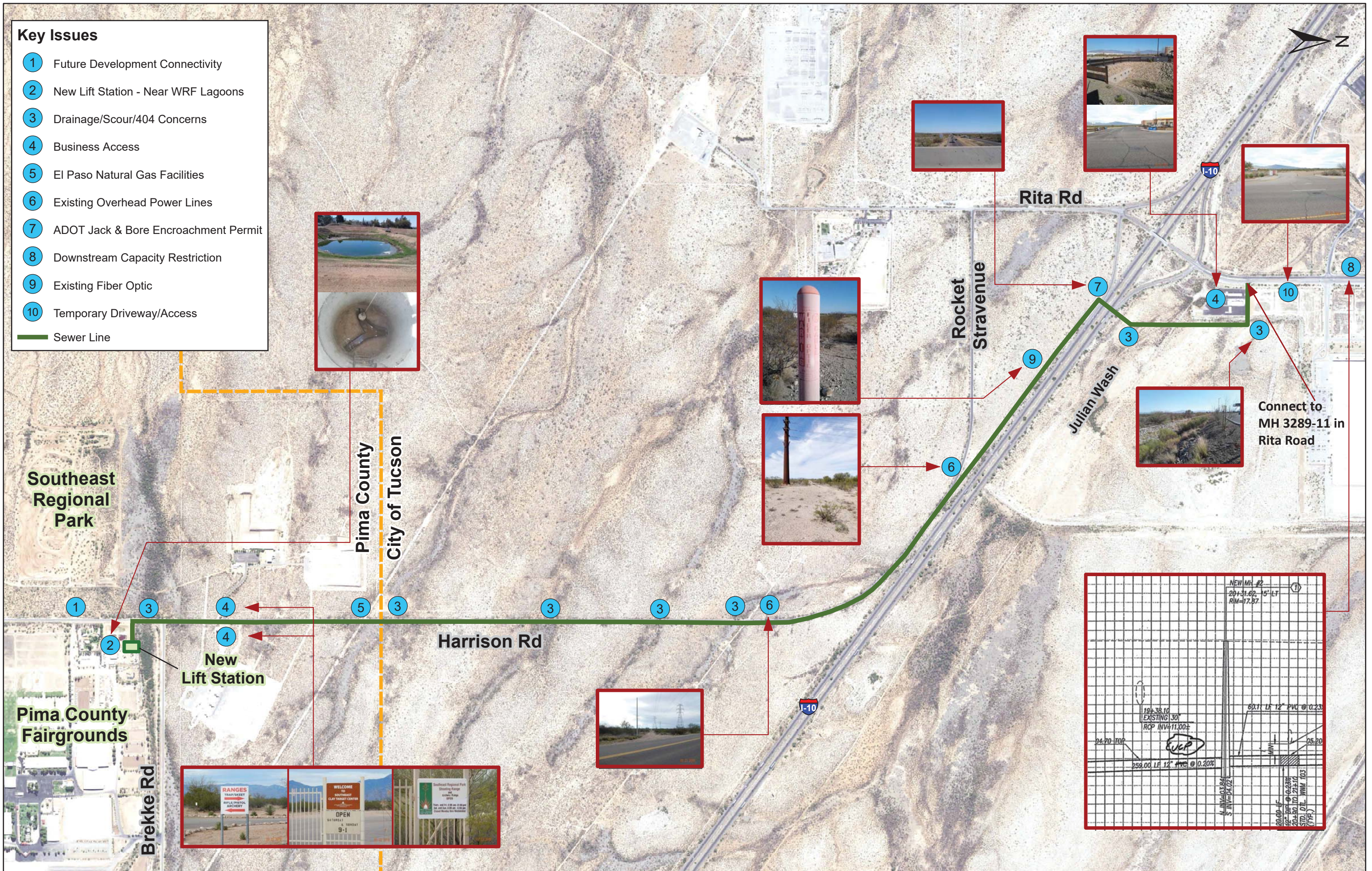
**Task:** 102 Support During Construction

		LEVEL OF EFFORT							
Task #	Description	Engineering Manager	Proj. Manager	Proj. Engineer	Senior Designer	Junior Designer	AutoCAD Drafter	Admin.	TOTAL
201	Meetings	2.00			0.50	0.00			3
202	Site Obsevatons	8.00			2.00	0.00			10
203	Submittals	0.00			0.00	0.00			0
204	RFIs	0.10			0.60	6.00			7
205	As-Builts	0.60			6.00	0.00	0.00		7
206	O&M Submittal Review	0.10			0.80	4.00	2.00		7
207	Record Drawings and Startup Support	0.50			4.80	24.00	12.00		41
208		0.00			0.00	0.00	0.00		0
209		0.00			0.00	0.00	0.00		0
210		0.00			0.00	0.00	0.00		0
211		0.00			0.00	0.00	0.00		
212		0.00			0.00	0.00	0.00		
213		0.00			0.00	0.00	0.00		
214		0.00			0.00	0.00			
215									
Total CA Deliverables									
Total Hours		11.3	0.0	0.0	14.7	34.0	14.0	0.0	74
Maximum Billing Rate		\$180.00	\$150.00	\$150.00	\$135.00	\$85.00	\$65.00	\$45.00	
<b>TOTAL LABOR (\$)</b>		<b>2,034.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1,984.50</b>	<b>2,890.00</b>	<b>910.00</b>	<b>0.00</b>	<b>\$ 7,818.50</b>
<b>Expenses</b>		<b>Units</b>	<b>Rate</b>	<b>Quantity</b>					
		200	\$ 0.55	3					\$ 331.80
		0	0						\$ -
		0	0						\$ -
<b>TOTAL EXPENSES</b>		<b>1.15%</b>	<b>0</b>						<b>\$ -</b>
<b>TOTAL EXPENSES</b>									<b>\$ 331.80</b>
<b>TOTAL</b>									<b>\$ 8,150.30</b>

**Key Issues**

- 1 Future Development Connectivity
- 2 New Lift Station - Near WRF Lagoons
- 3 Drainage/Scour/404 Concerns
- 4 Business Access
- 5 El Paso Natural Gas Facilities
- 6 Existing Overhead Power Lines
- 7 ADOT Jack & Bore Encroachment Permit
- 8 Downstream Capacity Restriction
- 9 Existing Fiber Optic
- 10 Temporary Driveway/Access

— Sewer Line



Connect to MH 3289-11 in Rita Road

## **APPENDIX “B” - COMPENSATION SCHEDULE (CONTINUED)**

### **1. COST PLUS FIXED FEE SCHEDULE OF PAYMENTS**

(Detailed by Major Milestone, Not to Exceed Cost by Task (Direct Labor, Indirect, and Other Direct Costs), and Fixed Fee)

### **2. COMPENSATION DETAILS**

#### **A. Cost Allocation and Ceilings**

The compensation schedule will contain the negotiated cost allocations for each individual task. The compensation schedule will be used to monitor cost expenditures and sets the fixed price that can be charged for work pursuant to the specified task.

#### **B. Cost Adjustments**

If, for valid reason(s), CONSULTANT notifies the Project Manager that the requisite work cannot be performed within the task's compensation allocation, and the Project Manager (PM) concurs, COUNTY will consider modifying cost allocations. The total compensation may be increased only by formal amendment to this agreement.

#### **C. Progress Payments**

It is anticipated certain elements of the Project may take longer than one (1) month to complete. These elements may be at considerable cost to CONSULTANT prior to their full completion and acceptance by COUNTY. In such cases, at the sole discretion of COUNTY, COUNTY may authorize interim progress payments to CONSULTANT. The invoice from CONSULTANT will be proportionate to the actual percentage of work completed through the period covered by the invoice, as accepted by the PM.

**D.** The Fixed Fee for each assignment will be negotiated on a case-by-case basis. The fee will be a percent of the consultant or co-consultants level of effort cost estimate agreed to by the County excluding sub-consultants and other direct cost estimates. The fee will be fixed for the scope of work detailed in the contract. The fixed fee percentage will be based upon historical departmental percentages for similar assignments, published industry guidelines and magnitude and duration of the assignment. Fixed Fee for engineering sub-consultants will generally follow the same guidelines established for the prime consultants but can also be negotiated on a case-by-case basis as appropriate.

#### **E. COST ITEMS**

##### **1. Hourly Billing**

##### **a. Hourly Billing Rates**

- Actual Payroll Rates within published industry standards
- Actual payroll rates for each person anticipated to be performing services on the assignment will be provided in advance of execution of the contract. Said listing will be updated on an annual basis during the term of the contract
- Hourly fee schedules for various position titles are not allowed

##### **b. Annual Salaried Professionals**

- Annual Salary individuals working a normal forty (40) hour week will be divided by two thousand eighty (2,080) hours to arrive at hourly billing rates

- Annual Salary individuals working a normal thirty-seven and one-half (37.5) hour week will be divided by one thousand nine hundred fifty (1,950) to arrive at hourly billing rates
  - c. Allowable Annual Increases
    - Reasonable annual salary increases within published industry standards will be allowed and approved in advance
    - Unusually high proposed increases and increases above published industry standards will be agreed to on a case by case basis.
  - d. Sub consultants  
Specific billing arrangements will be negotiated with specialty sub-consultants such as the following:
    - Attorneys
    - Financial Advisors
    - Surveyors
    - Subsurface Consultants
    - Specialty Consultants
  - e. Vacation/Holidays
    - Included in firm's audited multiplier
  - f. Sick Time
    - Included in firm's audited multiplier
  - g. Billing for non-productive idle time
    - No billing for vehicle driving time (commuting time)
    - Allow billing during air travel to Pima County for actual time worked on Pima County projects
    - Short-term assignments are negotiable
2. Multipliers
- a. Only audited multipliers following Generally Accepted Accounting Principles (GAAP) or Federal Single Audit principles are allowed
  - b. Corporate, Regional or Local Audited Multipliers of firms will be negotiated for each contract
  - c. Job Site multipliers will be negotiated in the event the County provides office space or job site trailers for the consultant
  - d. County will consider annual audited multipliers or fixed multipliers for the contract period
3. Travel Time
- a. Air Travel
    - Allow only for time spent on aircraft working on Pima County projects
  - b. Land Travel
    - Not allowed from Phoenix Metro Area to Pima County (both ways)
    - Not allowed to and from airports
  - c. Local Travel between meetings and job sites
    - Allowed

#### 4. Expenses

- a. Mileage (Between Phoenix Metro Area and Pima County)
  - Approve at the established County mileage rate
  - Included in firm's audited multiplier or as other direct cost
  - Mileage for commuting not allowed
- b. Mileage – local
  - Approve at the established County mileage rate only allowable for projects outside a radius of 50 miles from 130 W. Congress, Tucson, AZ 85701.
  - Included in firm's audited multiplier or as other direct cost
  - Mileage for commuting to and from work place not allowed
- c. Car Rental/Lease/Corporate Vehicles
  - Included in firm's audited multiplier or as other direct cost
- d. Hotel/Meals
  - Allow only for infrequent call-in of an out of state consultant for a limited period of time
  - Establish daily limits in accordance with Federal Guidelines and negotiable for unusual circumstances
  - Allowed charges to be identified as other direct costs
- e. IT/Phone/Internal Delivery Charges/Normal Postage/Miscellaneous/Other Administrative Charges
  - Include in firm's audited multiplier
- f. Relocation, second domicile or subsistence expenses
  - Negotiable on a case by case basis
- g. Reproduction Costs
  - Bill as other direct costs if not in audited multiplier
- h. All other direct costs will be detailed in the contract billing

#### 5. Unallowable Costs

- a. Bonus
  - Not allowed as a direct charge or in the multiplier
- b. Entertainment Costs
- c. Marketing Costs
  - Only as allowed in audited multipliers
- d. Non-identifiable Costs
- e. Donations
  - Only as allowed in audited multipliers
- f. Mark-up on sub-consultants
- g. Travel time from Phoenix Metro Area to Pima County (both ways)
- h. Air travel for commuting purposes

**F. INVOICING**

CONSULTANT will submit invoices monthly, to the Project Manager, with appropriate supporting data and documentation and in a format as prescribed by the Project Manager. The Project Manager may delay approval for up to five (5) work days to review the Progress Report and invoice. The invoice will tabulate the costs associated with each individual task. All Task (deliverables) and Subcontracted Service costs will be appropriately documented. The Project Manager will review and check the invoice to determine if it is complete and acceptable. If the Project Manager determines the invoice to be complete and acceptable, the Project Manager will approve the invoice and forward it for processing to payment.

**End of Appendix "B"**

# APPENDIX “C” – GENERAL CONDITIONS (44 pages)

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-



## **ARTICLE 1 – GENERAL ARTICLES**

### **1.1 MUTUAL OBLIGATIONS**

COUNTY, Construction Manager at Risk (CMAR), and Design Professional (DP) commit, at all times, to cooperate fully with each other, and proceed on the basis of trust, confidence, and good faith to permit each party to realize the benefits expected and afforded under the Contract Documents, which benefits include the satisfactory and timely completion of the Project and performance of all obligations required by or inferable from the Contract Documents.

### **1.2 BASIC DEFINITIONS**

- 1.2.1 “Actual Cost of the Work” is the aggregate amount of CMAR Direct Construction Costs and Indirect Construction Costs properly and actually chargeable to COUNTY when calculated under the provisions of **Appendix “B” of the CMAR Contract** throughout the Project up to the time of Final Completion.
- 1.2.2 “Allowances” are items established by COUNTY in the GMP as estimates for the cost of items of included in the Work. To the extent that the Actual Cost of the Work is lesser or greater than the corresponding estimate, the GMP will be reduced or increased by Change Order with such amount being added to or taken from COUNTY’s Contingency.
- 1.2.3 “Bidding Contingency”, or “CMAR Contingency” means that part of the Guaranteed Maximum Price (GMP) the CMAR may use during the Bidding or Construction Phase as provided in these General Conditions at 7.11, to cover any excess of the amount bid by a subcontractor over the amount for that Work in the GMP, or to cover legitimate unforeseen construction expenses once construction begins. Contingency may not be used to cover the cost of any Work on the Project after issuance of the Certificate of Final Completion.
- 1.2.4 “CMAR Authorization” – Chapter 6 of Title 34, Arizona Revised Statutes
- 1.2.5 “CMAR” means the CMAR and all persons and entities identified as members of the CMAR team in the CMAR’s response to COUNTY’s SFQ that led to the Contract with all Contract Amendments, and any substitutes permitted under the terms of the Contract, and these General Conditions. The CMAR participates in the Pre-Construction Phase as set forth in Pre-Construction Phase Services Contract by, among other things, developing a cost model and refining it during design to ensure construction costs remain within COUNTY’s budget, doing value engineering and reviewing constructability, preparing schedules, and identifying the life-cycle implications of alternate designs, systems, and materials. **During construction, the CMAR assumes all risk for price and schedule under the Contract and its GMP, except as otherwise provided in the Contract.**
- 1.2.6 “Construction General Conditions” include, but are not limited to, the following types of costs during construction: Project Director costs directly attributable to time expended in execution of the project, whether on- or offsite; payroll costs for project manager or construction manager for work conducted at the site; payroll costs for the superintendent and full-time general foremen; payroll costs for other management personnel resident and working on the site; general support workers not included in direct labor costs (e.g. loading/unloading, clean-up, etc.); onsite administrative office personnel; costs of offices and temporary facilities including office materials, office supplies, office equipment, minor expenses; utilities, fuel, sanitary facilities and telephone services at the site; and fees for licenses. General Conditions specifically exclude, without limitation, the following: Home (off-site) Expenses, Profit & Overhead; Home Office Personnel such as Corporate Executive, Project Executive; Home Office Staff Transportation & Travel Costs; Home Office Accounting & Contract Forms; Legal Expenses; Project Staff Moving Expense; off-site Staff Training & Education; Pre-Mobilization Office Space; off-site Equipment & Supplies; Forms; Estimating & Value/Constructability Analysis; Warranty Coordination; Legal Expenses, Contractor Yard not Dedicated to Project, Contractor Association Fees, Licenses & Memberships; Cost over GMP, Corrective Work, Bonuses, Cost of Living Allowance, marketing expenses, corporate sponsorships and entertainment, and Promotional or Celebratory Expenses the CMAR incurs while performing and completing the Project. The Parties acknowledge that some portion of the General Conditions represent upfront costs associated with mobilization and startup of construction. These amounts will be deducted from the total amount of General Conditions in the GMP and the balance will be divided by the number of days allowed for performance to arrive at a fixed daily rate for use in estimating the amount, if any, of the adjustment for General Conditions associated with changes in Contract Time or for the number of workdays in any particular month.
-

- 1.2.7 "Construction Documents" are the plans and specifications prepared by the DP for the Project, approved by COUNTY, and incorporated into the Contract by reference after such approval, to be used to construct the Project. All Contract Amendments, Change Orders, and other modifications to the Construction Documents must be approved by COUNTY prior to incorporation into the Contract.
- 1.2.8 "Construction Phase Fee" includes profit and unallowable costs, and overhead in the case of vertical construction. The Construction Phase Fee will initially be calculated not to exceed five percent (5%) of Direct Construction Cost only, and then will be fixed as a dollar amount as mutually negotiated and agreed to by the Parties. Overhead will be treated as described in 1.2.24.
- 1.2.9 "Contract Float" - If the CPM schedule of the Work anticipates early completion of all or any part of the Work, Contract Float is the number of calendar days between CMAR's anticipated date for early completion of all or any such part of the Work and the corresponding specified Contract Time. It is owned jointly by COUNTY and CMAR.
- 1.2.10 "Contract Time" is the time allotted in the Contract Documents for completion of the Work.
- 1.2.11 "Cost of the Work" consists of those items of Work that are paid for by COUNTY to the CMAR consisting of those Direct Construction Costs and Indirect Construction Costs set forth as allowable in **Appendix "B" Construction Costing**.
- 1.2.12 "Day" as used in these General Conditions refers to a calendar day unless otherwise denoted.
- 1.2.13 "Deliverables" - the Work product prepared by the CMAR within the definition of the Scope of Work in the Contract. Some of these deliverables provided by the CMAR during the Pre-Construction Phase are the Cost Model, Project Schedule, Schedule of Values, Evaluations of Alternatives, Procurement Strategies, proposed SBE Utilization, Subcontractor and Supplier bid packages and Contracts.
- 1.2.14 Design Professional ("DP") or Engineer is contracted with COUNTY, and a) is a qualified professional properly licensed in the State of Arizona to furnish applicable design services (and construction administration services, if so designated by COUNTY), and b) is responsible for the review of submittals, responding to CMAR Requests for Information (RFI), , and Substantial Completion, if so designated.
- 1.2.15 "Design Submission Documents" consist of the drawings and specifications submitted at specific milestones in the design effort by the DP and other documents prepared by the CMAR that are submitted for COUNTY's approval for each milestone in Project design. Because design milestones may vary from project to project, COUNTY will notify CMAR in writing of the milestones applicable to the project covered by this Contract. Such milestones will be as binding as if set forth herein.
- 1.2.16 Direct Construction Cost is the sum of all applicable Construction General Conditions costs, subcontractor costs, costs of self-performed Work (if approved in writing in advance by COUNTY), Allowances and Contingencies. Contingencies specifically include Bidding and Construction Contingency, Design Contingency, and Schedule Contingency, as applicable.
- 1.2.17 "Final Completion" is defined as one hundred percent (100%) completion of all Work described by or reasonably inferred from the Project Criteria and Contract Documents, including but not limited to all punch lists, Close-Out Documents, and COUNTY training/start up activities, if included.
- 1.2.18 "Guaranteed Maximum Price" (GMP) is the dollar amount that the CMAR guarantees to be the maximum amount due from COUNTY to the CMAR under the Contract for Construction Phase services. It is the sum of CMAR's Construction Phase Fee, the Cost of the Work, and Contingencies and Allowances established in accordance with the Contract. The GMP is subject to additions or deductions due to changes in the Scope of Work. All costs, which exceed the GMP and are not authorized by written Change Order, are to be paid by the CMAR and not COUNTY.
- 1.2.19 Governmental Agency is any unit of federal, state, or local government with regulatory authority over any aspect of the Work.
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- 1.2.20 "Hazardous Material" means any waste, substance, object, or material deemed hazardous under federal, state, or local law, including "hazardous substance" as defined under CERCLA, "hazardous waste" as defined under RCRA, and "hazardous material" as defined under US DOT regulations (49 CFR 100-180).
- 1.2.21 Indirect Construction Cost is the sum of all applicable insurance costs, bond costs and applicable sales or use taxes, but excludes Construction Phase Fee.
- 1.2.22 "Legal Requirements" include all regulations, policies, procedures, and practices of COUNTY and all applicable rules, laws, codes, ordinances, and regulations of any federal, state, or local government or quasi-governmental entity having jurisdiction over the Work, the practices involved in the Work, or any Work performed.
- 1.2.23 "Open Book Cost" is the Actual Cost of the Work as compiled and recorded in accordance with the provisions of Subsection 2.1.14 of these General Conditions.
- 1.2.24 "Overhead" is generally comprised of those items specifically excluded from General Conditions in paragraph 1.2.6 except for Estimating and Value/Constructability Analysis and profit. If this Contract is for vertical construction, Overhead will be included in the Construction Fee. If this Contract is not for vertical construction, then Overhead will be separately stated in the GMP Summary. Job Overhead will be included in General Conditions.
- 1.2.25 "Partnering or Teaming" is a mutual effort by all parties involved in the Project, principally COUNTY, the DP, and the CMAR, to cooperate and coordinate efforts to achieve the final result intended by the Project criteria. All involved use their expertise for the benefit of all. Partnering requires flexibility and appreciation of the positions of other parties and willingness to make compromises for the benefit of all. COUNTY has the exclusive right to decide whether to use Partnering on the Project and will indicate its decision during the Pre-Construction Phase.
- 1.2.26 "Pre-Construction Phase Fee" includes all direct and indirect costs of CMAR in providing Pre-Construction Phase Services until completion of the Construction Documents and the award of all bid packages, plus associated Overhead and profit.
- 1.2.27 "Project Budget" is the funding available to the COUNTY for the total cost of the Project, including the DP, CMAR's Pre-Construction Phase Fee, the GMP (including CMAR's Construction Phase Fee, Construction Services, and Contingencies), permit fees, and other costs necessary to achieve Final Completion of the Project.
- 1.2.28 "Project Criteria" developed by or for COUNTY describe COUNTY's program, requirements and objectives for the Project, including (if vertical) use, space, price, time, site, utility, parking, and expandability requirements, as well as all submittal requirements and other requirements affecting CMAR's performance of its Work. The Project Criteria may include conceptual documents, design criteria, performance requirements, and other Project specific technical materials and requirements prepared by or for COUNTY.
- 1.2.29 "Project Manager" refers to the COUNTY Representative that is responsible to COUNTY for the Project completion within COUNTY established Schedule, Budget and Scope. In this document "Project Manager" is the same as "COUNTY"
- 1.2.30 "Punch List" are those minor items of Work identified and listed by COUNTY or DP and agreed to be completed by CMAR after Substantial Completion and prior to Final Completion, which do not prevent the Project from being fully used for the purpose for which it is intended.
- 1.2.31 "Savings" is the difference, if any, between the GMP and the Actual Cost of the Work and will be allocated as set forth in Article 7. Amount of savings is to be determined by COUNTY with such assistance as COUNTY requests of CMAR and is to be based on the GMP in effect on the date of Final Completion of the entire Work.
- 1.2.32 "Site" is the land and other areas on which the Project is located.
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- 1.2.33 "Subcontractor" (of any tier) is any entity or person who performs a portion of the Work, on or off site, directly on behalf of the CMAR, including any materials, workers and suppliers, and includes all employees, agents and authorized representatives of such entities or persons.
- 1.2.34 "Substantial Completion" is the date on which CMAR's Work, or an agreed upon portion of the Work, is sufficiently complete, as determined by the DP or COUNTY's issuance of a Certificate of Substantial Completion, so that COUNTY can fully occupy and utilize the Project, or a portion thereof, for the purposes for which it is intended. In order to achieve substantial completion, all Work must be complete, including all tests and inspections, except for items included on the approved punch list.
- 1.2.35 "Total Float" is the number of calendar days by which the Work or any part of the Work may be delayed without necessarily extending a pertinent Contract Time. Total Float is at least equal to Contract Float.
- 1.2.36 "Value Engineering Proposal" is a modification to the Work proposed by the CMAR after the Effective Date of the Contract for the purpose of reducing the total cost of construction while still delivering a quality and functional Project. Value Engineering is part of the broader goal of obtaining optimum value for each dollar COUNTY spends on the Project.
- 1.2.37 "Work" is comprised of all activities required in order to complete the Project as defined by the Project Criteria and Contract Documents, including procuring and furnishing all materials, equipment, services, and labor reasonably inferable from the Contract Documents, or from prevailing trade usage and custom.

### **1.3 CONTRACT GENERAL CONDITIONS**

These provisions set forth the mutual understanding and agreement of the Parties regarding the Contract general conditions or subjects addressed therein.

- 1.3.1 COUNTY has hired or will hire a DP to design the Project.
- 1.3.2 The design for the Project may not be complete at a) the time the GMP is agreed to; b) the time of execution of the Contract; or c) both a) and b).
- 1.3.3 CMAR will cooperate and interact with and advise the DP in producing a completed design for the Project that is acceptable to COUNTY, all as more fully described in the Contract Documents.
- 1.3.4 When the Design Documents are complete and requisite approvals obtained and are then accepted by COUNTY, they become part of the Contract Documents without further action by the Parties as though they were specifically set forth therein at the time of execution of the Contract.

## **ARTICLE 2 – CMAR'S SERVICES AND RESPONSIBILITIES**

### **2.1 GENERAL SERVICES**

- 2.1.1 CMAR's Representative will attend all meetings and assist COUNTY during the Pre-Construction Phase in accordance with these General Conditions. During the Construction Phase, the CMAR's Representative, and Superintendent as necessary, will be at the Site at all times when Work is being performed, and will have the necessary expertise and experience required to properly supervise the Work. CMAR's Representative will communicate regularly with COUNTY and DP and be vested with the authority to act on behalf of CMAR as to all matters. The expectation is that meetings will be collaborative among the COUNTY, DP and CMAR as described below.
- 2.1.1.1 The CMAR, DP and COUNTY will attend all regular meetings, including rolling design reviews, and such additional meetings that are called as provided below.
- 2.1.1.2 During the Design Phase all regular meetings will be scheduled by the DP with the agreement of the CMAR and approval of COUNTY. Unless otherwise agreed, meetings will be held weekly for the purpose of tracking design progress and consistency with COUNTY's requirements. DP will be responsible for tracking and reporting on the design evolution log. CMAR will be responsible at such meetings for cost and scope tracking, early identification of long-lead items, and making recommendations regarding constructability, construction sequencing, materials, and other
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factors that can have a material impact on cost or schedule. COUNTY will schedule all additional meetings.

- 2.1.1.3 During the Design Phase, DP will take minutes at each meeting and distribute draft minutes within three (3) business days after each meeting. The CMAR and COUNTY will promptly review the minutes of each meeting and deliver any comments to the DP. The DP will promptly issue final minutes of each meeting, which will be approved by DP, CMAR and COUNTY.
  - 2.1.1.4 At the commencement of the Construction Phase, COUNTY, CMAR, and DP will meet to review cooperation, coordination, and if applicable, partnering during the construction phase and to establish procedures governing, among other matters, submittals and scheduling of site activities.
  - 2.1.1.5 During the Construction Phase there will be weekly progress meetings of the DP, CMAR, and COUNTY. The CMAR will schedule and conduct the progress meetings during the Construction Phase. The weekly progress meetings will be used to discuss jointly such matters as procedures, progress, scheduling, submittals, requests for information (RFI), any Work deficiencies, any other actual problems or potential problems, fixes to and limits on actual problems, and ways to avoid, limit, or fix potential problems. At each meeting, the CMAR will provide and discuss a CPM-based look ahead schedule of construction activities to be accomplished in the next three weeks. Presentation of the look-ahead does not substitute for the twenty-four (24) hour advance notice required in section 2.6.10.8 prior to all special inspections. COUNTY, DP, and CMAR will contribute their good faith efforts in such discussions to find ways (i) to complete the Project within the Contract Time(s) in accordance with the Construction Documents and the other CMAR Contract Documents and within the Guaranteed Maximum Price; (ii) to limit and fix actual problems; (iii) to anticipate and then avoid, limit or fix potential problems; and (iv) to discuss and decide other matters brought up by COUNTY, DP, or CMAR. None of these discussions will affect or impair the respective rights, responsibilities and obligations of DP, COUNTY, and CMAR under the DP Contract or the CMAR Contract.
  - 2.1.1.6 During the Construction Phase, special on-site meetings will be held as requested by COUNTY, DP, or CMAR.
  - 2.1.1.7 During the Construction Phase, the CMAR will take minutes at each meeting and distribute draft minutes within three (3) business days after each meeting. The DP and COUNTY will promptly review the minutes of each meeting and deliver any comments to the CMAR. The CMAR will promptly issue final minutes of each meeting, which will be approved by CMAR, DP, and COUNTY.
  - 2.1.1.8 CMAR and DP, when requested by COUNTY, will attend, make presentations and participate as may be appropriate in public agency or community meetings related to the Project. DP will provide drawings and illustrations and CMAR will provide schedule diagrams, budget charts and other materials describing the Project when their use is required or appropriate in any such meetings.
- 2.1.2 During both the Pre-Construction and Construction Phases the CMAR will provide COUNTY and DP, on a monthly basis, a written status report detailing the progress of the Work during that month, including whether the Work is proceeding according to Schedule, an updated and current Critical Path Method (CPM) Schedule, an updated and current Work cash flow projection for the duration of the Project, copies of the construction Superintendent's daily site reports, identification of any discrepancies, conflicts, or ambiguities existing in the Construction Documents that require resolution, whether health and safety issues have arisen in connection with performance of the Work, and whether other matters exist that require resolution so as not to jeopardize CMAR's ability to complete the Work for the GMP(s) on schedule and within the Contract Time(s). The CMAR's monthly report will also include a cost tracking report with the updated Cost Model, projected final cost, subcontract amounts and buy-out status and status of contingency and allowance usage.
- 2.1.3 Within thirty (30) days after executing the Contract, CMAR will prepare and submit to COUNTY:
- 2.1.3.1 A Critical Path Method Master Schedule (CPM Schedule) for the Work including the activities in the Design Phase and the Construction Phase through bid and award. The CPM Schedule must
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include three (3) weeks of COUNTY review time for Design Submission Documents at each milestone and adequate time for Government Agency and for other regulatory-type reviews and for all other necessary approvals. The CPM Schedule will indicate the dates for the start and completion of the various stages of Work, including the dates when COUNTY information and approvals are required and all necessary shutdowns or suspensions of COUNTY or separate vendor activities on the site (if any). The CPM Schedule must allow for such multiple bid packages and fast-tracked construction as may be required and include any contemplated completion date(s) earlier than those required by the Contract Documents.

2.1.3.2 A Cost Model for construction of the project. The Cost Model must contain all of the costs that will be included in the GMP, including cost of the Work, general conditions, bonds, insurance, permits, taxes, including, without limitation, applicable sales taxes and transaction privilege tax, CMAR's construction fee, contingency, and any other costs in the GMP. As part of the Cost Model, the CMAR will also identify all areas of concern or risk and assign a separate and reasonable contingency to each of them. The COUNTY and DP will review these submissions and may request changes. Final contingency amounts will be as agreed by the Project Team. The statement of areas of concern/risks will be stratified by cost to enable the Project Team to focus in pre-construction on resolving or eliminating the most costly uncertainties. CMAR will update the Cost Model not less than monthly as design progresses and uncertainties are resolved.

2.1.4 COUNTY, DP, and CMAR will have an initial meeting promptly after selection of the DP and the CMAR to discuss issues affecting Project administration and to implement procedures to permit COUNTY, DP, and CMAR to perform their respective obligations under the CMAR Contract and the DP Contract. Among other matters to be covered at this meeting will be procedures for efficient interaction during the Design Phase so that each can perform its activities, functions, and obligations in an efficient, cooperative, coordinated, collaborative, and communicative manner. Among other subjects to be covered by the procedures will be:

2.1.4.1 Arrangements for collaboration between the DP and CMAR in 1) preparing Design Submission Documents, the DP's Construction Cost Estimates, and the CMAR's Construction Costs Estimates, as required during the development of Preliminary Design, Final Design, and Construction Documents; and 2) submitting each set of Design Submission Documents and the related DP and CMAR Construction Cost Estimates to COUNTY for review and comment by COUNTY and for group discussion among the DP, CMAR, and COUNTY.

2.1.4.2 Arrangements that encourage frequent informal interaction, cooperation, coordination, collaboration, and communication among DP, COUNTY, and CMAR during the Design Phase, especially between submissions of Design Submission Documents and Construction Cost Estimates. These will include among other activities, the CMAR offering value engineering and constructability recommendations on the design of the Project and the DP using that information in its design work on the Project.

2.1.4.3 A schedule for the activities of the CMAR, COUNTY, and DP during the Design Phase.

1.1.4.4 Formal partnering for the Design Phase, at the option of COUNTY. Partnering is a mutual effort by all the parties involved in the Project to cooperate and coordinate efforts in order to achieve the final result. Partnering requires that all parties use their particular expertise for the mutual benefit of all, rather than for the benefit of the one. Partnering requires flexibility, the ability to appreciate the positions of the other parties and to make compromises for the benefit of all. Partnering will be implemented through a formal partnering process developed as described above and presented in a separate workshop attended by CMAR, COUNTY, DP, and their key participants. Follow up sessions will occur every three (3) months or as mutually agreed to ensure that all commitments are updated and being followed by all parties. The cost of this partnering effort during Design Phase will be shared equally by COUNTY, the CMAR, and the DP.

2.1.4.5 A responsibility matrix developed with the cooperation and collaboration of COUNTY, CMAR, and DP.

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- 2.1.4.6 No action, or attempted action, of cooperation, coordination, collaboration, or communication, and no failure to cooperate, coordinate, collaborate, or communicate, on any matter will affect or impair the respective rights and obligations of COUNTY, DP, and CMAR under the DP or CMAR Contracts. No failure by any one party to perform its obligations under this Section excuses any failure by another party to perform any obligation under other provisions of the Contract Documents, unless the obligation that the first party failed to perform is an essential predicate to performance by the second party. In such case, it is the second party's duty to make all reasonable efforts to perform its obligations.
- 2.1.5 The CMAR will interact and cooperate fully with COUNTY and DP during the design and construction phases so as to keep the Work within COUNTY's budget and schedule limitations.
- 2.1.6 The CMAR covenants with COUNTY to furnish its best skill and judgment and to cooperate with the DP in furthering the interests of COUNTY. CMAR agrees to furnish efficient business administration and superintendence and to use its best efforts to timely complete the Work in an expeditious and economical manner consistent with the interests of COUNTY.
- 2.1.7 The CMAR, COUNTY, and DP, collectively the "Project Team", will cooperatively work together during all phases of the Work to achieve completion. The CMAR will provide leadership to the Project Team during the Pre-Construction Phase for all cost, schedule, or alternative systems issues, and all matters relating to construction. During the pre-construction phase the CMAR will provide to COUNTY and the DP a written evaluation of COUNTY's Project Program and Project Budget and Schedule, each in relationship to the other with recommendations on the appropriateness of each.
- 2.1.8 The Contract Documents do not create any contractual relationship between the DP and the CMAR or any separate contractors, consultants, subcontractors of any sub-tier, or suppliers on the Project, nor does anything contained in the Contract Documents give any third party any claim or right of action against COUNTY, the DP, or CMAR which does not otherwise explicitly exist in the Contract Documents.
- 2.1.9 The CMAR's initial Work consists of its services in connection with the Pre-Construction Phase. The CMAR's Services in that phase will be parallel to and coincidental with the DP's Services. CMAR will prepare an itemized systems type cost estimate at the completion of the Schematic/Conceptual Design Phase, and at other times as agreed upon by the Project Team, in a format consistent with that used by DP or in a format otherwise mutually agreed upon prior to the cost estimate preparation. CMAR will prepare Construction Specifications Institute (CSI) Master Formatted cost estimates at each submittal phase after the completion of Schematic/Conceptual Design, to verify that the Project is staying within the applicable portions of COUNTY's identified budget. CMAR will keep all Deliverables required of it up to date during the Pre-Construction Phase so that the Project activities will continue uninterrupted while progressing into the Construction Phase.
- 2.1.10 The CMAR will provide a GMP during the Pre-Construction Phase as called out in **Article 3(A) of the Contract**.
- 2.1.11 Subject to the other provisions of these General Conditions, execution of the Contract by the CMAR is a representation that the CMAR has visited the Site, has become familiar with the locale and any specific conditions under which the Work is to be performed, and has correlated CMAR's personal observations with the requirements of COUNTY's Project criteria.
- 2.1.12 The intent of the Contract Documents is to include all items and services necessary for the proper execution and completion of the Work. The Contract Documents are complementary, and what is required by any one is binding as if required by all. Work not covered in the Contract Documents but that the DP considers necessary for the proper completion of the Work will be required of CMAR unless it is inconsistent with the Contract Documents, or is not reasonably inferable therefrom as being necessary to produce the intended results. Words and abbreviations that have well known technical or trade meanings are used in the Contract Documents in accordance with their recognized meanings.
- 2.1.13 The organization of the Specifications into division, section, and article, and the arrangement of Drawings does not obligate or control the CMAR in dividing performance of the Work among subcontractors, or in establishing the extent of the Work to be performed by any one trade.
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2.1.14 With respect to all Work performed by CMAR and its Subcontractors and Consultants, CMAR and its Subcontractors and Consultants will keep full and detailed accounts and exercise such cost controls as may be necessary for proper financial management, using accounting and control systems in accordance with generally accepted accounting principles and subject to review by COUNTY. During performance of the Work and for five (5) years after Final Payment, the CMAR will retain and will also require all Subcontractors and Consultants to retain for review or audit, or both, by COUNTY all correspondence, meeting minutes, memoranda, electronic media, books, accounts, reports, files, time cards, material invoices, payrolls, and evidence of all communications, direct and indirect costs, and all other matters related to the Work. Upon request by COUNTY, CMAR will produce a legible copy or the original of any or all such records as are described above at any time during or after the Work as COUNTY may request. Upon request, the CMAR will submit to COUNTY copies of all payrolls, reports, estimates, records, Change Order costs and data, and any other data concerning Work performed or to be performed, materials supplied or to be supplied, including Subcontractor or Consultant payment applications or invoices and such Subcontractor's or Consultant's progress payment checks. The requirements of this Section will be provided for in all contracts between the CMAR and its Subcontractors and Consultants. COUNTY may exercise its rights under this Paragraph as often as reasonably necessary in COUNTY's sole judgment to assure COUNTY has a complete and accurate understanding of all Project costs.

## **2.2 PRE-CONSTRUCTION SERVICES**

The CMAR's primary responsibility during pre-construction is to apply its knowledge and experience to keeping the design capable of being constructed within the budget and schedule. CMAR must track costs on an ongoing basis and proactively advise DP and COUNTY of lower cost or more effective means, methods, materials, design aspects, etc., or anytime when construction costs exceed, or threaten to exceed the budget, so the Project Team can take appropriate action.

2.2.1 The CMAR will independently develop a Construction Cost Model for the Project for COUNTY's review and approval. COUNTY will advise the DP and CMAR in writing of the amount of COUNTY's Construction Budget. DP and CMAR will evaluate COUNTY's Construction Budget for cost realism and prepare construction cost estimates for the completion of the Work. DP and CMAR's cost estimates must include all of the costs that will be included in the GMP, including labor, materials, general conditions, bonds, taxes, CMAR construction fee, CMAR's contingency, and all other GMP costs. DP, CMAR, and COUNTY will reconcile the differences between COUNTY's Construction Budget and the DP and CMAR estimates, if any, to develop an agreed estimate for the cost of construction. If the agreed estimate exceeds COUNTY's Construction Budget, COUNTY, at its sole discretion, may 1) seek additional funding; 2) direct redesign or re-scoping of the Project to bring it within the available funding; or 3) any combination of 1) and 2); or 4) determine not to go forward with this Contract for all or part of the Project. Any adjustment to COUNTY's budget or scope must be in writing and approved by COUNTY.

2.2.2 Unless otherwise agreed by COUNTY and the DP, COUNTY may retain or authorize DP or CMAR to retain surveyors, engineers, or other consultants in connection with the following items, provided such information is specifically requested by the DP or COUNTY:

- a. A survey of existing site conditions. A complete and accurate survey of the Project site and existing improvements including, but not limited to, grades and lines of streets, pavements, and adjoining properties, contours of the site, and full information as to sewer, water, gas, electrical service, telephone lines, or other utilities.
- b. A report on subsurface investigations. Professional recommendations regarding local conditions accompanied by test borings, or test pits, soil bearing values, percolation tests, air and water pollution tests, ground corrosion, and resistivity tests including necessary operations for determining subsoil, air and water conditions, and chemical, mechanical, laboratory, or other tests.
- c. CMAR may recommend such additional geotechnical or investigative tests, such as potholing, as CMAR believes may be necessary to support construction on the site.
- d. As-built information in possession of COUNTY concerning any existing improvements that will remain on the Site and that will be incorporated into the Project, to which the Project will be attached, or with which the Project will be interconnected.
- e. Other tests recommended by DP or CMAR and agreed to by COUNTY.

In addition to the above information, the DP is responsible for obtaining information concerning conditions of the Site required by law or typically obtained within the DP's industry to assess conditions for similar

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projects and will advise COUNTY of any such information so obtained that may be significant to the Project.

COUNTY will deliver to DP a copy of all available surveys, reports, test results, and other information described in this Section 2.2.2. Such items, any other information concerning the Site delivered by COUNTY to DP, and all information DP is obligated to obtain on its own initiative are referred to as the "DP Site Information".

The DP and CMAR will thoroughly acquaint themselves with all DP Site Information.

By making each submission of any Design Submission Documents (including, without limitation, the Construction Documents) the DP represents and warrants to COUNTY that DP has examined and evaluated the DP Site Information and has taken the DP Site Information into account in preparing the Design Submission Documents.

The DP and CMAR have the right to rely upon surveys, soil test reports, other test reports and other information provided by COUNTY, but only to the extent provided in said reports or information. The DP will carefully examine all surveys, soil test reports, other test reports and other information, whether obtained by the DP or COUNTY, and will promptly report to COUNTY any obvious or reasonably suspected errors, omissions, or inadequacies in such surveys, soil test reports, other test reports, and other information of which the DP becomes aware as a result of such examination or otherwise, and of any disagreement the DP may have with the conclusions of such surveys, soil test reports, other test reports, and other information. The DP and the DP's Consultants will make themselves available to the soils engineer and any other person retained by COUNTY to prepare any surveys, soils test reports, other test reports, or other information, for the purpose of reconciling such concerns.

2.2.3 The DP will submit to COUNTY and CMAR all required Design Submission Documents to describe the Project's essential elements. The Design Submission Documents required of the DP will include such drawings, specifications, and other documents as may be necessary to fully identify the Project scope and materials, together with the DP's Construction Cost Estimates. The CMAR will submit to COUNTY detailed Construction Cost Estimates as part of each design submission. At the time of each scheduled submission, CMAR, DP, and COUNTY will meet and confer about the submission. During the meeting, the CMAR and DP will identify, among other things, the evolution of the design and any significant changes or deviations from previously submitted Design Submission Documents and any changes in the CMAR's Construction Cost Estimate or the DP's Construction Cost Estimate. Within three (3) weeks following each design review meeting, COUNTY will approve or reject the Design Submission Documents, CMAR's Construction Cost Estimate, and the DP's Construction Cost Estimate. COUNTY may reject in full or in part any Design Submission Documents or Construction Cost Estimates which do not conform to COUNTY's Project Criteria or overall Project concepts, which exceed the Construction Budget, or are not within the Guaranteed Maximum Price, or not consistent with the GMP Setting Drawings, Specifications, Assumptions, and Clarifications (unless the inconsistency was approved or requested by COUNTY), or for any other reasonable cause consistent with the intent of the DP Contract Documents or the CMAR Contract Documents, as applicable. In the event of such rejection, the DP or CMAR respectively will bear the costs of redesign or of revising the construction costs estimates, unless the deficiencies upon which rejection is based are attributable to COUNTY-requested changes. All deviations from COUNTY's Project Criteria, the Construction Budget, the Guaranteed Maximum Price, or the GMP Setting Drawings, Specifications, Assumptions, and Clarifications must be approved in writing by COUNTY.

2.2.4 The CMAR will prepare a Project Management Plan (PMP), which will include:

- a. Project milestone dates and the Project Schedule, including the broad sequencing of the design and construction of the Project,
  - b. Required and recommended investigations to be undertaken to ascertain subsurface conditions and physical conditions of existing surface and subsurface facilities and underground utilities,
  - c. Alternate strategies for fast-tracking and/or phasing the construction,
  - d. Construction management plan,
  - e. Permitting strategy,
  - f. Safety and training programs,
  - g. Construction quality control,
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- h. A commissioning program, if required for the Project,
- i. Cost estimate and basis of the model,
- j. A site security plan,
- k. Defined scope basis,
- l. Work breakdown structure if required,
- m. Organization chart,
- n. QA/QC Plan,
- o. Communication plan,
- p. Risk Management plan, and
- q. Procurement plan

Until such time as the CMAR has been selected and receives Notice to Proceed, the DP will develop and maintain the Project Schedule on behalf of, and to be used by, the Project Team, based on input from the existing Project Team members. When the CMAR is brought into the Project Team, the CMAR will assume ownership and responsibility for the Project Schedule that will be incorporated into the PMP.

The fundamental purpose of the PMP is to identify, coordinate, and record the tasks and activities to be performed by all of the Project Team members. The Project Team will utilize the PMP as a basis for managing and monitoring all members' compliance with the requirements of the Project. Project Team members are responsible for their compliance with the PMP requirements. A member's failure to complete a task does not excuse a subsequent failure by another member unless the first member's task is a direct prerequisite to the latter's performance provide, however, the latter team member must make reasonable efforts to mitigate impacts of the failure. Resolution of compatibility issues between the different tracking programs that may be used is the responsibility of the CMAR (i.e. The CMAR may choose to re-enter all tracking data provided by the DP in its tracking program). The Project Schedule will be a CPM diagram schedule that shows the sequence of activities, the interdependency of each activity, will indicate the Critical Path including the Design and Construction phases, and will satisfy the requirements in **Section 2.2.5**.

- 2.2.5 The schedule for performance of the Construction Work will be a CPM schedule with reasonable detail, including a time-scaled network and computer printout in accordance with the following requirements:

The DP and CMAR will use scheduling software acceptable to COUNTY to develop the Project Schedule. The Project Schedule will be presented in graphical and/or tabular reports as agreed upon by the Project Team. If Project phasing, as described below, is required, the Project Schedule will indicate milestone dates for the phases, once determined.

The Project Schedule will provide three (3) weeks for COUNTY to review Design Submission Documents at each sub-phase of the Design Phase and provide adequate time for Government Agency reviews and all other necessary approvals and permits. The schedule will indicate the dates for the start and completion of the various stages of the Project, including, among others, the dates when COUNTY information and approvals are required and all necessary shutdowns or suspensions of COUNTY or separate vendor activities on the Site (if any). CMAR will update and reissue the Project Schedule throughout the Design Phase and the Construction Phase, as necessary and appropriate to reflect adjustments in the schedule. Updates will be subject to approval by COUNTY

The Project Schedule will be in Days (calendar days, unless otherwise directed by COUNTY) and indicate task duration (earliest start/latest completion) for all activities. Float times for all activities will be shown. The CPM diagram will be presented in a time scaled graphical format for the Project as a whole.

The Project Schedule must indicate all relationships between activities.

The activities making up the Project Schedule will be of sufficient detail to assure that adequate planning has been done for proper execution of the Work so that it provides an appropriate basis for monitoring and evaluating progress of the Work.

The activities upon which the Project Schedule is based will coincide with the Schedule of Values.

The Project Schedule will show all submittals associated with each Work activity and the review time for each submittal.

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The Project Schedule will show milestones, including milestones for all Project Team members.

The Project Schedule will include anticipated rain delay during the performance of the construction contract. The duration will reflect the average climatic range and conditions prevailing in the locality of the site. Weather data, provided by the CMAR, will be based on information from the National Weather Services or other COUNTY-approved source.

The Project Schedule will consider the Substantial Completion date requirements showing portions of the Project having priority.

Float time will be prescribed as follows: The total Float within the overall schedule is not for the exclusive use of either COUNTY or CMAR, but is jointly owned by both and is a resource available to, and shared by, both parties as needed to meet contract milestones and the Project completion date.

CMAR will not sequester shared Float through such strategies as extending activity duration estimates to consume available Float, using preferential logic, or using extensive crew/resource sequencing, etc. Since Float time within the schedule is jointly owned, no time extensions will be granted, nor delay damages paid, until a delay occurs which extends the Work beyond the Substantial Completion date.

Since Float time within the schedule is jointly owned, COUNTY-caused delays on the Project may be offset by COUNTY-caused time savings (*i.e.*, critical path submittals returned in less time than allowed by the contract, approval of substitution requests and credit changes which result in savings of time to the CMAR, etc.). In such an event, the CMAR is not entitled to receive a time extension or delay damages until all COUNTY-caused time savings are exceeded, and the Substantial Completion date is also exceeded.

Throughout the Design Phase, CMAR will provide updates and/or revisions to the Project Schedule for use by the Project Team, whenever required, but no less often than monthly. The CMAR will add detail to previous version of the Project Schedule to keep it current throughout the Design Phase, so that the Project Schedule is ready for implementation at the start of the construction phase. The update/revisions will include:

- a. A narrative analyzing the progress achieved to-date vs. planned
- b. Any concerns regarding delays or potential delays, and any recommendations regarding mitigating actions
- c. Revisions in Drawings and Specifications
- d. The results of any additional investigative reports of subsurface conditions, drawings of physical conditions of existing surface and subsurface facilities, and documents depicting underground utilities placement and physical condition, whether obtained by COUNTY, DP or the CMAR
- e. Unresolved permitting issues, and significant issues, if any, pertaining to the acquisition of land and right of way
- f. The fast-tracking of any of the construction, or other chosen construction delivery methods
- g. The requisite number of separate bidding documents to be advertised
- h. The status of the procurement of long-lead time equipment and materials
- i. Funding issues (*i.e.*, delays) identified by COUNTY

If phased construction is deemed appropriate and both COUNTY and DP approve, CMAR will review the design and make recommendations regarding the phased issuance of Construction Documents to facilitate phased construction of the Work, with the objective of shortening the Construction Time and/or reducing the Cost of the Work. The CMAR will take into consideration such factors as natural and practical lines of Work severability, sequencing effectiveness, access and availability constraints, total time for completion, construction market conditions, labor and materials availability, effect on traffic or public access, and any other factors pertinent to saving time and cost. The Project Schedule will be adjusted to allow for phased construction or for portions of the Construction Work to be accepted separately by the COUNTY, if required by COUNTY.

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## **2.3 CMAR – DP DESIGN COOPERATION**

2.3.1 CMAR will continuously and actively track Project costs throughout the design phase, will proactively advise DP and COUNTY, and will make recommendations relating to construction costs and concerns regarding the feasibility and practicality of any proposed means and methods, selected materials, equipment, building systems, and labor and material availability, and long-lead items. CMAR will further advise COUNTY and DP regarding proposed site improvements, excavation, utility coordination, traffic control and public access, or other issues, as well as any concerns regarding the coordination of drawings and specifications. CMAR will advise COUNTY and DP any time that a design revision results in the CMAR's estimate of the Cost of Construction exceeding the COUNTY's construction budget.

### **2.3.2 Conceptual/Schematic Design**

- a. The DP will review COUNTY's Project Criteria to ascertain the basic requirements for the Project. COUNTY will provide such planning and other documents to DP as are available.
- b. The DP will prepare an expanded Project description for review by COUNTY and CMAR and for COUNTY's approval, which expands and refines the Project Criteria. The description will include all site conditions affecting the Project, including utilities, drainage and flood control implications, and other requirements specified by COUNTY.
- c. The CMAR will work in a collaborative, cooperative, coordinated and communicative manner with the DP in developing items defined in Item (b) above. If agreement by the DP and the CMAR is not attainable with respect to any item, DP and CMAR will promptly refer the matter to COUNTY who will make the final determination on the matter.
- d. The CMAR will develop and submit to COUNTY and DP a conceptual Construction Cost Estimate.
- e. Depending upon the stage of the Project at the inception of this Contract, COUNTY, in its sole discretion, may decide to forgo performance of the activities under this Paragraph 2.3.2 in whole or in part without liability to CMAR or DP.

### **2.3.3 Preliminary Design**

- a. The DP will review the Project description with COUNTY and the CMAR, solicit and receive comments and recommendations from the CMAR and COUNTY, confirm COUNTY's and CMAR's understanding of the subject matter, determine any additional, modified or alternative requirements, and obtain COUNTY's approval.
  - b. The DP will provide COUNTY with a preliminary evaluation of the requirements of the Project in light of the amount of the Construction Budget.
  - c. The DP will review with COUNTY and CMAR alternate methods and approaches to design and construction of the Project, recommend an approach, and jointly decide with COUNTY and CMAR on the method best suited to COUNTY's requirements and the Project.
  - d. Based upon the Project description, discussions with COUNTY and CMAR, the Construction Budget, and the DP Site Information, the DP will prepare Preliminary Design Documents (SDs), which will consist of drawings and other documents depicting the scale and relationship of Project components, for review with COUNTY and CMAR and for COUNTY's approval.
  - e. The DP will work in a collaborative, cooperative, communicative, and coordinated manner with the CMAR in developing items defined in Item (d) above. If agreement by DP and CMAR is not attainable, DP and CMAR will promptly refer the matter to COUNTY who will make the final determination on the matter.
  - f. The CMAR will develop and submit to COUNTY and DP a Construction Cost Estimate.
  - g. The DP and CMAR will reconcile each of the DP's Construction Cost Estimate and CMAR's Construction Cost Estimate with the other, and will reconcile both of them with COUNTY's
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Construction Budget. DP and CMAR will complete the reconciliation not later than seven (7) days after completion of both estimates. This reconciliation must provide an estimate no greater than COUNTY's Construction Budget before the Final Design sub-phase under **Section 2.3.4** may begin.

#### **2.3.4 Final Design**

Based on the SDs and any amendments thereto approved by COUNTY to the Project or the amount of COUNTY's Construction Budget, the DP will prepare Design Development Documents (DDs) for review with COUNTY and the CMAR and for COUNTY's approval. The DDs will consist of drawings and other documents to delineate and define the general design of the entire Project.

The DP will work in a collaborative, cooperative, communicative and coordinated manner with the CMAR in developing the DDs defined above. If agreement between DP and CMAR is not attainable, DP and CMAR will promptly refer the matter to COUNTY who will make the final determination on the matter.

The CMAR will develop and submit to COUNTY and DP a Construction Cost Estimate.

The DP and CMAR will reconcile the DP's Construction Cost Estimate and the CMAR's Construction Cost Estimate with each other and will reconcile both of them with the amount within COUNTY's Construction Budget. DP and CMAR will complete the reconciliation not later than seven (7) days after completion of both estimates. This reconciliation will provide an estimate no greater than the amount within COUNTY's Construction Budget before the Construction Documents sub-phase under **Section 2.3.5** may begin.

#### **2.3.5 Construction Documents**

Based upon the approved Final Design Documents (DDs) and any further amendments thereto of any kind approved by COUNTY, the DP will prepare detailed Construction Documents (CDs) setting forth the requirements for construction of the entire Project, including complete Drawings, Specifications, and a revised Construction Cost Estimate. The DP must be aware of, and conform to, the **order of precedence provisions in Section 2.6.12.3**. The Construction Documents are subject to review by COUNTY and CMAR and to approval by COUNTY.

If the GMP has been agreed by COUNTY and CMAR before completion of the Construction Documents, the Construction Documents will be subject to review by CMAR for conformance with the GMP Drawings, Specifications, Assumptions, and Clarifications as provided in **Section 3.2.5**.

All drawings and specifications included in the Construction Documents must bear the dated signature and seal of the DP. Except as expressly provided in the DP Contract Documents, the DP is fully responsible for all designs it provides for the Project.

Unless otherwise specified, DP will file all documents and obtain all approvals required for design approval by Governmental Agencies having jurisdiction over the Project and/or designated by COUNTY. COUNTY will cooperate with the DP in preparing applications for necessary approvals, sign applications, and pay applicable fees. The DP will also assure that the Project meets all applicable statutory requirements for public works of the nature of the Project.

#### **2.3.6 DP's Construction Cost Estimates and CMAR's Construction Cost Estimates**

The DP will cooperate and exchange information with CMAR in CMAR's development of its Construction Cost Estimates and the Guaranteed Maximum Price. The CMAR will cooperate and exchange information with the DP in the development of DP's Construction Cost Estimates.

Each DP Construction Cost Estimate, CMAR Construction Cost Estimate and CMAR Schedule of Values will include without duplication:

- a. All labor, materials, equipment, tools, construction equipment and machinery, water, heat, utilities, transportation, and other facilities and services necessary for the proper execution and completion of the Construction Work, whether temporary or permanent, and whether or not incorporated or to be incorporated in the Construction Work. All fixed equipment, site improvements, utility and utility relocations, and equipment installations will also be included.
  - b. General Conditions;
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- c. The Construction Phase Fee;
- d. All bond and insurance premiums;
- e. All applicable taxes, including, without limitation, applicable sales taxes and transaction privilege tax; and
- f. A CMAR Contingency.

The DP and CMAR Construction Cost Estimates will include the costs of the Construction Work and will not include the CMAR's Design Phase Services Fee, sums due the DP, costs of land, rights of way, financing, or other costs which are the responsibility of COUNTY.

The DP and the CMAR will base each of their Construction Cost Estimates on the latest Design Submission Documents. The DP and CMAR will discuss the materials, equipment, component systems, and types of construction contemplated by the DP to the extent such items are not in the latest Design Submission Documents.

The CMAR will make any recommendations the CMAR determines necessary or appropriate for modifications in the latest Design Submission Documents or in the materials or items the DP proposes to use.

All DP and CMAR Construction Cost Estimates will use a consistent method of allocating costs of the Construction Work, will follow the standard construction format, and will otherwise be in a form agreed to by DP, CMAR, and COUNTY.

After COUNTY and CMAR agree on a Guaranteed Maximum Price and in any event during the Construction Documents sub-phase of the Design Phase, CMAR will continually monitor costs and develop cost estimates to help ensure that the cost of the Construction Work remains within both the COUNTY's Construction Budget and the Guaranteed Maximum Price.

DP Construction Cost Estimates and CMAR Construction Cost Estimates will be independently prepared, will be based on quantitative takeoffs whenever possible, and will be in sufficient depth and organization to be used in preparing budgets based on the Schedule of Values.

CMAR will submit its Construction Cost Estimates to the DP for review prior to submission of the estimates to COUNTY. DP will submit its Construction Cost Estimates to CMAR for review before submission of the estimates to COUNTY. DP and CMAR will meet and reconcile their respective cost estimates not later than seven (7) days after exchanging Construction Cost Estimates and the respective Design Submission Documents and submit the reconciled Cost Estimates and Design Submission Documents to the COUNTY. If DP and CMAR cannot agree on any individual cost items, then the highest identified cost will be utilized and noted as such by the CMAR and the DP in their respective estimates submitted to the COUNTY.

In the event the reconciled Cost Estimates are not within the COUNTY's Construction Budget or GMP, the DP and CMAR will:

- a. Notify COUNTY if it appears that the DP's Construction Cost Estimate or the CMAR's Construction Cost Estimate will exceed COUNTY's Construction Budget or the GMP.
- b. Satisfactorily demonstrate the accuracy of its estimate in such detail as COUNTY may reasonably require.
- c. Make reasonable recommendations for corrective action to bring the estimates back within COUNTY's Construction Budget or the GMP, if the estimates exceed COUNTY's Construction Budget.

The overall design objective is to develop a design that can be constructed for an amount within COUNTY's Construction Budget. If, in connection with any submission of Design Submission Documents and Cost Estimates, the Cost Estimates exceed COUNTY's Construction Budget, then the costs of redesign and of revising the cost estimates will be allocated as follows:

- a. If the excess costs of the Design Submission Documents are attributable to COUNTY-directed design choices, unanticipated significant materials cost increases or other unforeseen market dislocations, or other causes beyond the control of DP and/or CMAR, then the costs of revision will be the
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- responsibility of COUNTY.
- b. If the excess costs are attributable to unapproved deviations from COUNTY's Final Schematic Design Report or unreasonable or negligent design choices, then the costs of revision will be the responsibility of DP.
  - c. If the excess costs are attributable to the application of unsubstantiated deviations from the cost model by CMAR, then the costs of revising the costs estimates will be the responsibility of CMAR.
  - d. If the excess costs are attributable to any combination of the causes identified above, then the costs of design and or cost estimate revision will be allocated to each party in the percentage by which their cause contributed to the excess.
  - e. In the event the excess costs are attributable to an unanticipated cause not identified above, then the costs of revision will be the responsibility of COUNTY, unless the unanticipated cause arises from the error, omission, or negligence of the DP or CMAR, in which case the offending Party will bear the costs.
  - f. If the Parties are unable to agree on causation or the allocation of costs, then COUNTY will make a determination with respect thereto and provide a copy of the determination in writing to each of the other parties. COUNTY's determination will be final and conclusive unless, within seven (7) calendar days of delivery of the COUNTY's determination, the party or parties objecting to COUNTY's determination notifies each of the other parties in writing that they are initiating the Dispute Resolution procedure of the Contract. The notice will include a brief statement of the basis for the initiating party's objection to COUNTY's determination.

### **2.3.7 BUDGETING AND GUARANTEED MAXIMUM PRICE**

- 2.3.7.1 The CMAR will provide its Pre-Construction Services for the Pre-construction Phase Fee identified in the Contract. That fee will be earned based upon the amount of Design Phase Work completed. That fee will be billed and payable monthly as a percentage of completion of Pre-Construction Services. The Construction Phase services of CMAR will be provided based upon an Open Book Cost of the Work, plus the separate Construction Phase Fee for CMAR identified in the Contract.
- 2.3.7.2 As provided for in **the Contract** and when the design has sufficiently progressed, COUNTY will require CMAR to propose a GMP for the construction that is to be based on the Cost of the Work. The GMP will be prepared in accordance with these Sections 2.3.7.2 and 2.3.7.3 and **Appendix "B" Construction Costing**.
- 2.3.7.3 COUNTY will, at its sole discretion, have the option to accept the GMP submitted by CMAR, request that CMAR submit another GMP, or reject the GMP and terminate all contracts and agreements with the CMAR. In the event of such a termination, the CMAR will receive payment for services it has provided to date. In this situation, there will be no amounts paid for any termination cost, lost profits, lost opportunity or any other reason.
- 2.3.7.4 Once accepted by COUNTY, the GMP may be revised only by an approved Change Order or Contract Amendment.
- 2.3.7.5 In the event the CMAR elects, in its sole discretion, to maintain a construction contingency within the GMP, the criteria for the development of that contingency must be acceptable to the COUNTY.

Thereafter, the CMAR must inform the COUNTY of any intended usage of the contingency, with supporting itemized schedule and pricing documentation, to maintain complete records and confirm its appropriate use for the Project.

### **2.3.8 COST ESTIMATES**

- 2.3.8.1 Construction Cost: All estimates of GMP, and associated Schedule(s) of Values must include without duplication:
- a) All labor, materials, equipment, tools, construction equipment and machinery, water, heat, utilities, transportation, and other facilities and services necessary for the proper execution and completion of the Work, whether temporary or permanent, and whether or not incorporated or to be incorporated in the Work;
  - b) The CMAR's Construction Phase Fee;
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- c) All bond and insurance premiums;
- d) All applicable taxes, including without limitation, applicable sales taxes and transaction privilege tax;
- e) A Contingency for bidding/construction;
- f) Construction General Conditions;
- g) Overhead

- 2.3.8.2 The CMAR's estimates of Construction Costs will not include sums due the DP, the CMAR's Pre-Construction Phase Fee, costs of land, rights of way, financing, or other costs that are the responsibility of COUNTY. CMAR's allowable labor rates within rates or part of Construction General Conditions are restricted to direct labor costs, *i.e.*, actual salaries/wages plus associated costs required by statute or regulation (social security, Medicare employee's match, unemployment, etc.) and employee benefits (vacations, health insurance, etc.). Non-Project specific training costs, bonuses, cost of living allowances, education, and training are not allowable labor costs and are not reimbursable. Promotional or celebratory expenses the CMAR incurs while performing and completing the Project are not reimbursable as part of Construction General Conditions and must be paid out of the CMAR Construction Phase fee.
- 2.3.8.3 The CMAR, prior to and in preparing its estimates of Construction Costs and providing the GMP, will consult with the DP to determine to the extent possible what materials, equipment, component systems, and types of construction are to be included in the Construction Documents and to make recommendations for reasonable adjustments in the Scope of Work, and to include in the Construction Documents such alternate items as COUNTY approves in writing.
- 2.3.8.4 The CMAR will take the lead in developing a cost model, preparing an estimate of Construction Cost as soon as major Project requirements have been identified, and updating the cost model and estimate for each submittal of the Design Submission Documents specified in 1.2.14 of the General Conditions. For all Bid Packages for Construction, the CMAR will prepare a quantity take-off cost estimate based on CSI formats within two weeks of receipt of applicable documents from the DP. All estimates of Construction Cost must make allowance for bidding and price escalation. During the Pre-construction Phase, the CMAR will continually monitor the cost estimates and develop a cost estimate to help assure that the Cost of the Work remains within the applicable portion of the Project Budget or GMP, as applicable. No Construction Services or Work to be performed under the Contract will commence until a GMP is established by the CMAR, submitted and accepted by COUNTY, and incorporated into this Contract by Contract Amendment.
- 2.3.8.5 All CMAR cost estimates will be prepared separately and independently from DP estimates, will be based on quantitative takeoffs whenever possible, and will be completed in sufficient depth and organization to be used in preparing budgets based on sub-trades, combinations of sub-trades, building systems (if any), and Bid Packages. Lump sum estimates are not acceptable.
- 2.3.8.6 CMAR will submit all applicable cost estimates to the DP and COUNTY for review, scope verification, and reconciliation with the DP's estimates of cost. If the DP and CMAR cannot agree on any individual cost items, then the highest identified cost of either will be utilized and noted as such by the CMAR in the submission of the cost estimate to COUNTY as part of the Design Submittal.
- 2.3.8.7 After review and scope verification of the cost estimate done by the DP, the CMAR will a) notify COUNTY if it appears that the DP estimate of Construction Costs will exceed the applicable portion of the projected Construction Cost Budget or GMP as may be applicable; b) satisfactorily demonstrate the accuracy of its estimate in such detail as COUNTY may reasonably require; and c) make reasonable recommendations for corrective action consistent with the Project Budget or GMP, as may be applicable. All such cost estimates must be within Project Budget or GMP as applicable, or include reasonable recommendations for bringing the estimates within the Project Budget or GMP, as applicable, prior to final submission to COUNTY for review and acceptance. CMAR will not bear any costs to correct Design Documents to bring the Project back within the Project Budget or GMP, as applicable, except for the CMAR's own costs incurred in re-estimating.
- 2.3.8.8 DP/CMAR Cooperation: The DP, by the terms of its contract with COUNTY, is obligated to provide reasonable cooperation to the CMAR in the development of estimates of Construction Cost and the GMP. Conversely, the CMAR shall provide reasonable cooperation to the DP in the development of
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estimates of Construction Cost and the GMP. DP and CMAR shall reconcile their Cost estimates with each other and COUNTY not later than seven (7) days after the completion of CMAR's estimate or receipt of DP's estimate to assure COUNTY that the Project Cost is within the designated budget.

### **2.3.9 OTHER PRE-CONSTRUCTION SERVICES**

- 2.3.9.1 The CMAR will review the Drawings and Specifications as they are being prepared, recommending alternative materials, alternatives, methods, means, constructability, and/or sequencing whenever design details affect construction feasibility, schedules, or cost. However, nothing contained in this section 2.3.9.1 requires the CMAR to provide design services.
- 2.3.9.2 The CMAR will make recommendations to COUNTY and the DP regarding the division of work in the Drawings and Specifications to facilitate the bidding and awarding of subcontracts, allowing for phased construction, if applicable, taking into consideration such factors as time of performance, availability of labor, overlapping trade jurisdictions, provisions for temporary facilities, and similar factors.
- 2.3.9.3 Coordinating with the DP, the CMAR will provide a written Constructability Review of all Drawings and Specifications, in a form acceptable to COUNTY. The Constructability Review will (a) minimize areas of conflict, errors, omissions, and overlapping of the Work to be performed by the various subcontractors; (b) confirm that the full Scope of Work has been included in the drawings; (c) endeavor to minimize cost and to Value Engineer where appropriate; and (d) allow for phased and/or fast-track bid packages and construction, as required. An acceptable and effective Constructability Review is a goal for the CMAR and the COUNTY.
- 2.3.9.4 The CMAR will attend all regular meetings with COUNTY and DP and such additional meetings as COUNTY may request. The DP will schedule all regular meetings with the prior agreement of the CMAR and approval of COUNTY. COUNTY will schedule all additional meetings.
- 2.3.9.5 The CMAR will investigate and recommend materials and equipment that COUNTY could purchase directly; consider long lead time procurement and mass purchasing power in making such recommendations; recommend a schedule for such purchases after coordination with the DP regarding the timetable for preparation of Construction Documents; and expedite and coordinate delivery of these purchases to facilitate their delivery by the required dates.
- 2.3.9.6 If COUNTY determines that Integrated Project Delivery (IPD) or Building Information Modeling (BIM) objectives will benefit the Project and it is or will be to the advantage of COUNTY or the Project to select certain subcontracting trades to participate in the design process during the Pre-Construction Phase, as well as provide Construction Services during the Construction Phase, then the following procedures will apply:
- a. CMAR will prequalify Subcontractors from the trades needed in the Pre-Construction Phase.
  - b. Upon acceptance of COUNTY, a Request for Proposal (RFP) will be requested from pre-qualified Subcontractors. The RFP will request additional qualification information in addition to pricing information, such as labor rates and overhead and profit factors.
  - c. The Statement of Qualifications (SOQ) from the Subcontractors will be reviewed by a committee consisting of CMAR, COUNTY, and design team members. The qualification and pricing information will be scored by a pre-determined weighted scoring system.
  - d. The committee will develop a list of firms that will be interviewed.
  - e. The Subcontractors will be interviewed and ranked, and the highest ranked Subcontractor will be selected to provide the services.
  - f. All Subcontractor selections will be in accordance with A.R.S. 34-603(C)(2)(e)(i) and CMAR's subcontractor selection plan.

For Subcontractors selected in this manner, the CMAR must establish to COUNTY's

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satisfaction that the Subcontractor's price submission is reasonable and appropriate by following the procedures outlined for the CMAR in Article 2.3.9.11 and 2.3.9.12.

- 2.3.9.7 The CMAR will: assist COUNTY and DP in the preparation of the necessary and appropriate bidding information, bidding forms, and pre-qualification criteria for bidders; develop subcontractor interest; establish bidding schedules; advertise for bids; and conduct pre-bid conferences to familiarize bidders with the bidding documents and management techniques and with any special systems, materials, or methods. The CMAR will review all potential subcontractors with COUNTY and DP and obtain COUNTY's approval of the pre-qualification of any subcontractor. If the CMAR becomes aware prior to any bid date that fewer than three (3) pre-qualified subcontractors plan to bid any portion of any Bid Package or that anticipated bids from previously approved or pre-qualified subcontractors are likely to exceed the current Schedule of Values or estimate of Construction Cost, the CMAR will promptly notify COUNTY.
  - 2.3.9.8 The CMAR's post-bid selection of any subcontractor must be based on qualifications alone, or on a combination of qualifications and price selection, but will not be based on price alone. The CMAR will receive and open bids when advertised, prepare a bid analysis, conduct pre-award conferences, and notify COUNTY and DP concerning which bids from pre-qualified subcontractors will be accepted and awarded. The CMAR will notify COUNTY and DP of the time and place of all bid openings and will permit COUNTY and DP to attend such openings with their representatives and guests. CMAR will justify in writing any proposal to accept other than a low lump sum bid with sufficient detail to satisfy COUNTY, and the proposal will be subject to prior written approval by COUNTY, with no increase in the GMP. Once approved by COUNTY, CMAR may not replace any subcontractor without COUNTY's prior approval and any change in cost to CMAR will not be a responsibility of COUNTY and there will be no increase in GMP or contract price by reason of such change of subcontractor. Within ten (10) days after award, CMAR will furnish one (1) fully executed subcontract for work or services on this Project to COUNTY together with all special or supplementary conditions applicable to the subcontract work.
  - 2.3.9.9 The CMAR will provide COUNTY and DP with requirements and assignment of responsibilities for safety precautions and programs as required for the execution of the Work, temporary Project facilities and for equipment, materials and services for common use of subcontractors and verify that all such information is included in the Construction Documents.
  - 2.3.9.10.1 If the project covered by this Contract is not "horizontal construction" as defined in A.R.S. § 34-101 and the CMAR indicates it desires to self-perform any portion of the Construction Work, the following procedures will be followed: The CMAR must submit its qualifications to do the listed portion(s) of the Construction Work to COUNTY and if COUNTY is satisfied with CMAR's qualifications as to that portion of the Construction Work, COUNTY will designate the CMAR as a pre-qualified Subcontractor for that portion of the Construction Work. A bid package for each portion of the Construction Work as to which CMAR is a pre-qualified Subcontractor will be prepared in the same manner and content as bid packages for Subcontractors in other trades. CMAR will submit a proposed price for each of these portions of the Construction Work. This proposed price will include labor rates, and certify that sub-sub trades and materials will be bid with a minimum of three pre-qualified bidders.
  - 2.3.9.10.2 If the project covered by the Contract is "horizontal construction" as defined in A.R.S. § 34-101, CMAR's submitted GMP will clearly identify the Work the CMAR intends to self-perform and distinguish the costs thereof.
  - 2.3.9.11 In order to evaluate the CMAR's Price Submission on self-performed Work, COUNTY may do any or all of the following at COUNTY's discretion: (i) engage an estimator selected by COUNTY to prepare an independent estimate of this portion of the Construction Work; (ii) engage the DP, or other consultants to do a construction market study to confirm construction market impacts to the cost of this portion of the Construction Work; or (iii) take other action to evaluate the CMAR's Price Submission. In any event, CMAR is responsible to establish to COUNTY's satisfaction that the CMAR's Price Submission is reasonable and appropriate. If COUNTY is satisfied that the CMAR Price Submission is reasonable and appropriate, COUNTY will advise the CMAR that the CMAR is selected as Subcontractor for the respective portion of the Construction Work.
  - 2.3.9.12.1 If the project covered by this Contract is not "horizontal construction" as defined in A.R.S. § 34-101
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and at the conclusion of the review of the CMAR's proposed price, COUNTY is not satisfied that the CMAR's Price Submission is reasonable and appropriate, COUNTY will so advise the CMAR and the CMAR will conduct a normal Subcontractor bid competition for selection of the Subcontractor to perform this portion of the Construction Work, in accordance with the procedures in Section 2.3.9.7, except that, notwithstanding any other provision of the CMAR Design Phase Services Contract Documents to the contrary, (i) the CMAR's Price Submission will be the CMAR's bid for that portion of the Construction Work in the Subcontractor bidding process; (ii) the CMAR must obtain bids for that portion of the Construction Work from a minimum of two other pre-qualified Subcontractors; (iii) the Subcontractor bids for that portion of the Construction Work must be delivered to COUNTY rather than the CMAR; and (iv) COUNTY will decide which Subcontractor bid to accept, in accordance with Article 2.3.9.8.

2.3.9.12.2 If the project covered by this Contract is "horizontal construction" as defined in A.R.S. § 34-101 and at the conclusion of the review of CMAR's proposed price, COUNTY is not satisfied that CMAR's Price Submission is reasonable and appropriate, COUNTY may, at its sole discretion: 1) negotiate with CMAR to arrive at a more acceptable price; 2) negotiate with CMAR and request a best and final offer; 3) seek additional funding, if available; 4) terminate the Contract for convenience and acquire construction services by different means; or 5) any combination of these or such other actions as COUNTY deems appropriate within its sole discretion.

## **2.4 LEGAL REQUIREMENTS.**

CMAR will perform all Work in accordance with all applicable Legal Requirements as described in 1.2.20 and otherwise will provide all notices applicable to the Work. It is the responsibility of the CMAR during the Pre-Construction Phase to assist the DP and the COUNTY to ascertain that the Construction Documents under preparation are in compliance with all applicable laws, statutes, ordinances, building codes, rules, and regulations.

## **2.5 GOVERNMENT APPROVALS AND PERMITS**

Unless otherwise provided in the Contract Documents, CMAR has the responsibility to obtain and pay for all necessary permits, approvals, licenses, government charges, and inspection fees required for the prosecution of the Work by any Governmental Agency having jurisdiction over the Project.

## **2.6 CMAR'S CONSTRUCTION PHASE SERVICES**

2.6.1 Unless otherwise provided in the Contract Documents to be the responsibility of COUNTY or a separate Contractor(s), CMAR's construction phase services will include: team management and coordination, scheduling, cost controls and Change Order management, submittal process management, subcontracting, field management, safety program, closeout process, and warranty period services. This responsibility includes providing, through itself or its Subcontractors, all necessary supervision, labor, inspection, testing, start-up, material, equipment, machinery, temporary utilities, and other temporary facilities needed to complete construction of all Work consistent with the Construction Documents.

2.6.2 CMAR will perform all construction Work, services, and activities efficiently and with the requisite expertise, skill, quality, and competence necessary to satisfy the requirements of the Contract Documents. CMAR will at all times exercise complete and exclusive control over the means, methods, sequences, and techniques of construction.

2.6.3 CMAR will only employ Subcontractors (of any tier) who are properly licensed and fully able and committed to performing the Work in compliance with the Construction Documents and with the same degree of skill, quality and competence as CMAR.

2.6.4 CMAR is fully responsible for the work of its Subcontractors and any of their acts and omissions in connection with the performance of their work. Nothing in the Contract Documents creates any legal or contractual relationship between COUNTY and a Subcontractor (of any tier). In addition, nothing in the Contract Documents creates any third-party beneficiary rights.

2.6.5 CMAR is responsible for coordinating the activities and Work of all Subcontractors. If COUNTY is performing other work with separate Contractors under COUNTY's control, CMAR agrees to cooperate and coordinate its Work with the work of COUNTY's separate Contractors so that the Project can be

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completed in an orderly, efficient, and coordinated manner reasonably free of significant disruption to any party.

2.6.5.1 COUNTY reserves the right to award other contracts related to the Project, or to perform certain portions of the Work itself. Any such other work may or may not be known to COUNTY or disclosed to the CMAR prior to execution of the Contract. The CMAR will afford COUNTY and such other contractors reasonable opportunity for the introduction and storage of their materials and equipment and the execution of their work, and will properly coordinate its work with theirs in such manner as COUNTY or DP may direct. The CMAR will also assure at its own cost reasonable access of other contractors to their site and their work.

2.6.5.2 Upon request of CMAR, COUNTY will provide CMAR with a copy of Drawings, Specifications, Schedules or other needed data relating to such other contracts or work as may be necessary to meet CMAR's duty to coordinate. The CMAR will thoroughly examine these documents and within three (3) work days of completing such examination will notify COUNTY in writing of any conflicts with the Work to be performed by the CMAR. In no event will such notice be given by CMAR so late as to interfere with or delay the Work to be performed by the CMAR. Failure of the CMAR to request, review, or provide written notice as provided above constitutes a waiver of any objections or claims the CMAR may otherwise have as a result of the necessity to coordinate the CMAR's Work with other activities.

2.6.5.3 Should the CMAR sustain any damage through any act or omission of any other contractor or subcontractor, CMAR has no claim or cause of action against COUNTY for such damage and hereby waives any such claim. The CMAR does not waive any claim or cause of action against any other contractor or subcontractor to recover any and all damages sustained by reason of the acts or omissions of such other contractor or subcontractor. The phrase "act or omission" as used in this section includes, but is not limited to, any delay on the part of any such other contractor or subcontractor, whether due to negligence, gross negligence, inadvertence, or any other cause.

2.6.5.4 Should the CMAR cause damage to the work or property of any other contractor or subcontractor of COUNTY, the CMAR will upon receiving due notice of damage promptly attempt to settle with such other contractor by contract, repair, or otherwise to resolve the dispute. If any such separate contractor sues or initiates a proceeding against COUNTY on account of any damage alleged to have been caused by the CMAR or its subcontractors, COUNTY will notify the CMAR who will at its own cost indemnify and defend County in such proceedings, or pay the costs of COUNTY defending such proceedings, and if any judgment or award against the COUNTY arises therefrom, the CMAR will pay or satisfy it and will reimburse COUNTY for all attorney's fees and court or other costs which COUNTY has incurred in connection with the matter.

2.6.6 CMAR will keep the Site free from debris, trash, and construction waste to permit CMAR to perform its construction services efficiently, safely, and so as not to interfere with the use of any adjacent land areas, including the reasonable aesthetic appearance of the jobsite and all storage and staging areas. CMAR is also responsible for and will take precautions and measures to fully secure, safeguard, and protect the Work during the Construction Phase. Unless previously released of responsibility by COUNTY, CMAR's responsibility to secure, safeguard, and protect continues until final completion and acceptance.

2.6.7 Upon Substantial Completion of the Work, or a portion of the Work, CMAR will remove all debris, materials, waste, equipment, machinery, and tools from the Work so as to permit COUNTY to safely occupy the Work or a portion of the Work for the use for which it is intended.

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## **2.6.8 CONTROL OF THE WORK**

- 2.6.8.1 The CMAR will supervise and direct the work of its employees and Subcontractors and coordinate the work with the activities and responsibilities of COUNTY and the DP so as to complete the Work in accordance with COUNTY's objectives of cost, time, and quality as set forth in the Contract Documents.
- 2.6.8.2 The CMAR will establish an on-site organization with lines of authority in order to carry out the overall plans for completion of the Work.
- 2.6.8.3 The CMAR will schedule, notice, conduct, and take and distribute minutes of weekly progress meetings at which COUNTY, DP, and CMAR can discuss jointly such matters as procedures, progress, and problems.

## **2.6.9 DAILY LOG**

- 2.6.9.1 The CMAR will maintain a daily log of construction activities for each calendar day of the Contract Time, using a form pre-approved by the DP. In that log, the CMAR will document all activities at the Work site, including, but not limited to:
- a) Weather conditions showing the high and low temperatures during work hours, the amount of precipitation received on the job site, and any other weather conditions which adversely affect work at the site;
  - b) Soil conditions which adversely affect work at the site;
  - c) The hours of operation by CMAR and individual Subcontractor personnel;
  - d) The number of CMAR and Subcontractor personnel present and working at the site, by subcontract and trade, and updated schedule activity number;
  - e) The equipment active or idle at the site;
  - f) A description of the work being performed at the site by updated schedule activity number;
  - g) Any delays, disruptions or unusual or special occurrences at the site;
  - h) Materials received at job site; and
  - i) A list of all visitors at the site.
  - j) Any other relevant information as to activities on the site that day.
- 2.6.9.2 The CMAR will provide copies of the daily logs to COUNTY on a weekly basis. The daily log does not constitute written notice to COUNTY of any event or occurrence when such notice is required by the Contract Documents.
- 2.6.9.3 Any changes affecting previously approved work requires prior written approval of COUNTY.

## **2.6.10 SUPERVISION AND CONSTRUCTION PROCEDURES**

- 2.6.10.1 The CMAR will supervise and direct the Work using the CMAR's best skill and attention. The CMAR is solely responsible for the coordination and accomplishment of all portions of the Work under the Contract Documents.
- 2.6.10.2 CMAR is responsible to COUNTY for the acts and omissions of CMAR's employees, Subcontractors of all tiers, their agents and employees, and any other persons performing any of the Work or furnishing materials under a contract with the CMAR.
- 2.6.10.3 The CMAR will not be relieved from its obligation to perform the Work in accordance with the Contract Documents either by the activities or duties of the DP in its administration of this Contract, or by inspections, tests, or approvals required or performed by persons other than the CMAR. Nothing contained in this paragraph precludes the CMAR from asserting any rights it may have under this Contract in the event of unreasonable delays to the CMAR in the conduct of any inspections, test, approvals, or other actions by the DP upon which CMAR's schedule depends.
- 2.6.10.4 The CMAR will employ a competent COUNTY-approved Superintendent and necessary assistants, who will be in attendance at the Project site during the progress of the Work. The
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CMAR will also employ a COUNTY-approved Representative together with such additional engineering and clerical support as may be reasonably required and appropriate to the stage of construction work. Once designated, the Superintendent and Representative of CMAR will not be changed except with the prior consent of COUNTY, unless the Superintendent or Representative proves to be unsatisfactory to the CMAR or ceases to be in its employ. The Superintendent and Representative will represent the CMAR and all communications given to the Representative are binding on the CMAR. All such communications will be confirmed in writing.

- 2.6.10.5 The CMAR will at all times enforce strict discipline and good order among its employees and its Subcontractors' employees, and will not allow employment on the Work of any unfit person or anyone not skilled in and capable of performing the task assigned to them.
- 2.6.10.6 The CMAR will at all times allow COUNTY, DP, or any other designated representatives access to the construction work to observe progress and inspect the quality of work and conformance to the Construction Documents.
- 2.6.10.7 Any Work required to be inspected by the DP or COUNTY prior to being covered, which is covered up without prior inspection or without prior consent of the DP or COUNTY, must be uncovered by the CMAR, if requested by the DP or the COUNTY, and then re-covered at no cost to COUNTY, notwithstanding the provisions of the following subsection.
- 2.6.10.8 CMAR will notify COUNTY and DP in writing at least twenty-four (24) hours prior to the time at which COUNTY or DP must be present to perform an inspection. Failure to provide such notice makes the CMAR solely responsible for all consequences of non-inspection and any required access to or uncovering of such Work.

**2.6.11 ADMINISTRATION**

- 2.6.11.1 Except as may be expressly provided to the contrary in the Contract Documents, the CMAR's Representative will forward all communications in writing and all documents simultaneously to COUNTY's Representative and the DP's Representative as listed below:

DP's Representative: (NAME)	CMAR's Representative: (NAME)	CMAR's Superintendent: (NAME)	COUNTY's Representative: (NAME)
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**2.6.12 DRAWINGS AND SPECIFICATIONS**

- 2.6.12.1 The CMAR will study and compare the Construction Documents prior to beginning Work on each phase or portion of the Work and immediately report any material error, inconsistency, conflict, ambiguity, or omission that is discovered to the DP and COUNTY.
  - 2.6.12.2 The Construction Drawings are intended to show general arrangements, design, and extent of Work and are not intended to serve as Shop Drawings. Where required, the CMAR will perform no portion of the Work without having Shop Drawings, Product Data, or Samples approved; any Work performed in violation of this provision will be solely at the CMAR's risk regardless of DP's or COUNTY's knowledge of such Work being performed.
  - 2.6.12.3 In the event of any conflict or ambiguity, the Construction Documents will be interpreted as being complementary, requiring delivery by CMAR of a complete Project, or designated portion thereof. Any requirement occurring in any one of the Construction Documents is as binding as though occurring in all Construction Documents. In the event of any conflict or ambiguity, perceived or real, the CMAR will request an interpretation by the DP before performing the Work. Generally, the Specifications address quality, types of materials, and contractual conditions while the Drawings show placement, sizes, and fabrication details of materials. In the event a conflict is discovered in the Construction Documents, the priorities stated below govern and control:
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- a) Addenda govern over all other Construction Documents;
- b) Subsequent addenda govern over prior addenda, but only to the extent modified;
- c) In case of conflict between Drawings and Specifications, the Specifications govern;
- d) Conflicts within the Drawings:
  - (1) Schedules, when identified as such, govern over all other portions of the Drawings.
  - (2) Specific notes govern over all other notes and all other portions of the Drawings, except the schedules described in 2.6.12.3(d)(1) above.
  - (3) Larger scale drawings govern over smaller scale drawings.
  - (4) Figured or numerical dimensions govern over dimensions obtained by scaling.
- e) Conflicts within the Specifications: These General Conditions govern over all sections of the Specifications except for specific modifications thereto that may be stated in Special Conditions or addenda. No other section of the Specifications modifies these General Conditions; and
- f) In the event provisions of codes, safety orders, Construction Documents, referenced manufacturer's specifications or industry standards are in conflict, the more restrictive or higher quality governs.

2.6.12.4 In the event of conflict between COUNTY's Technical Standards and the Drawings and Specifications, CMAR will promptly call the conflict to the attention of COUNTY and DP and will defer the use of such Drawing until resolution of the conflict to COUNTY's satisfaction.

2.6.12.5 If the Construction Documents are not complete as to any minor detail of a required construction system or with regard to the manner of combining or installing of parts, materials, or equipment, but there exists an accepted trade standard for good and skillful construction, such detail will be an implied requirement of the Construction Documents in accordance with such standard. That is to say, a) "minor detail" includes the concept of substantially identical components, where the price of each such component is small even through the aggregate cost or importance is substantial, and includes a single component which is incidental, even though its cost or importance may be substantial; and b) the quality and quantity of the parts or materials so supplied will conform to trade standards and be compatible with the type, composition, strength, size, and profile of the parts or materials otherwise set forth in the Construction Documents.

## **2.6.13 SUBMITTALS, DRAWINGS AND SHOP DRAWINGS**

2.6.13.1 The CMAR will maintain at the Site, for the use of COUNTY and of the DP, one copy of all Drawings, Specifications, bulletins, addenda, Change Orders, field orders, approved Shop Drawings, approved Submittals, supplementary instructions, requests for information, catalog data, manufacturers' operating and maintenance instructions, certificates, warranties, guarantees, and other contract-related documents and their modifications, if any, in good order and marked daily by the CMAR to record all approved changes made during construction. The CMAR will turn over all of these to the DP at the time of Substantial Completion for the purpose of the DP assembling and correlating the material for use by COUNTY.

2.6.13.2 The CMAR will submit to the DP, with such promptness as to cause no delay in its work or in the work of any other Contractor, all Submittals and Shop Drawings as are required by the Construction Documents, or are necessary to illustrate details of the Work.

2.6.13.3 Each Submittal and Shop Drawing must be accompanied by a CMAR transmittal letter containing a list of the titles and numbers of the Shop Drawings. Each series must be numbered consecutively for ready reference. Each Submittal and Shop Drawing will be marked with the following information:

- a) Date of Submission
  - b) Name of Project
  - c) Location of Project
  - d) Branch of Work (Specification Section)
  - e) Project Number
  - f) Name of Submitting CMAR
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- g) Name of Subcontractors
- h) Revision Number

Submittals identified by COUNTY will be submitted to COUNTY for its review concurrent with review of same by DP. During Construction Phase CMAR will promptly provide COUNTY with an electronic copy of all approved submittals.

- 2.6.13.4 The CMAR will review all Subcontractor Submittals and Shop Drawings prior to being submitted to the DP and each must bear a written statement by the CMAR that the Submittals and shop drawings are consistent with the Construction Documents and other Contract Documents or, if not totally consistent, they must bear a written statement indicating all variances from the Construction Documents and other applicable Documents. Any submittals or shop drawings submitted without the statements will be returned for resubmission; the submittals or shop drawings will be considered as not having been submitted; and any delay caused thereby is the CMAR's sole responsibility. This review by CMAR of Subcontractor submittals and shop drawings is not CMAR approval of the design therein except that it is a representation that the letter accompanying the submittal or shop drawings does indicate all variations from the Construction Documents and other Contract Documents as required by Section 2.6.13.5.
  - 2.6.13.5 The CMAR will include with Submittals and Shop Drawings, a letter indicating all variances from the DP's Drawings and Specifications. Failure to so notify the DP of such variances will be grounds for subsequent rejection of the related Work or materials. If, in the opinion of the DP, the variances are not acceptable, the CMAR must furnish the item as specified or as indicated on the Construction Drawings.
  - 2.6.13.6 The CMAR must check all of its Submittals and Shop Drawings and be fully responsible for them and for coordination with connecting Work. Submittals and Shop Drawings must indicate in detail all parts of an item of Work, including erection and setting instructions and engagements with work of other trades or other separate Contractors.
  - 2.6.13.7 By the act of reviewing or submitting Submittals or Shop Drawings, the CMAR thereby represents to COUNTY and DP that it has determined and verified availability, field measurements, field construction criteria, materials, catalog numbers, and similar data, or will do so, and that it has checked and coordinated each Submittal and/or Shop Drawing with the requirements of the Work and of the Construction Documents. If any specified material item or part is not available, the CMAR must so indicate to the DP.
  - 2.6.13.8 The DP will review and approve Submittals and Shop Drawings and return them to the CMAR within twenty (20) calendar days of receipt unless otherwise previously agreed in writing. For scheduling purposes, the CMAR must assume a 20-day review period for each Submittal or set of Shop Drawings, and ten (10) calendar days for resubmittals, except for complex submittals identified by the DP as having significant deficiencies, in which event the resubmittal turnaround time will be within twenty (20) calendar days. If review and approval are delayed beyond twenty (20) calendar days, the DP will notify the CMAR and COUNTY in writing stating the reason for the delay. Approval does not relieve the CMAR from the responsibility for variances from the drawings and specifications, unless it has been called to the DP's attention, in writing, at the time of submission. Any modification will be approved only if it is in the interest of COUNTY to effect an improvement in the Work and does not increase the GMP or Contract Time. Any such modification is subject generally to all other provisions of the Construction Documents, and is without prejudice to any and all rights under any surety bond.
  - 2.6.13.9 If the DP returns a Submittal or Shop Drawing to the CMAR with the notation "rejected", "revise and resubmit", or "approved as noted", the CMAR, so as not to delay the Work, will promptly resubmit a Submittal or Shop Drawing conforming to the requirements of the Construction Documents and indicating in writing on the Submittal or Shop Drawing and on the transmittal what portions of the resubmittal have been altered in order to meet with the approval of the DP. CMAR will also indicate any other differences between the resubmittal and the prior submittal on the Shop Drawing and on the resubmittal as a special note.
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- 2.6.13.10 No extension of Contract Time will be granted to the CMAR because of its failure to submit Submittals or Shop Drawings in ample time to allow for review, possible resubmittals, and approval. Fabrication of Work will not commence until the CMAR has received written approval. The CMAR will furnish prints of its approved Submittals and Shop Drawings to all the Subcontractors whose work is in any way related to those Submittals or Drawings. Only prints bearing this approval will be allowed on the Site.

#### **2.6.14 PRODUCT SAMPLES, TESTS, AND CERTIFICATES**

- 2.6.14.1 The CMAR will furnish Product Samples of all items requested or required by the Specifications. Product Samples must be properly identified and submitted with such promptness as to cause no delay in Work or in the work of any other Contractor and to allow time for consideration by the DP and the COUNTY. The DP or COUNTY will review Product Samples in accordance with Sections 2.6.13.2 – 2.6.13.10 above.
- 2.5.14.2 Each Product Sample must be accompanied by a letter of transmittal containing the following information:
- a) Date of Submission
  - b) Name of Project
  - c) Location of Project
  - d) Branch of Work (Specification Section Number)
  - e) Project Number
  - f) Name of Submitting CMAR
  - g) Name of Subcontractor
- 2.6.14.3 The CMAR will furnish the DP a certificate stating that material or equipment submitted by CMAR complies with Contract Documents. If a certificate originates with the manufacturer, the CMAR will endorse it and submit it to the DP together with a statement of compliance in its own name.
- 2.6.14.4 No tests, inspections or approvals performed or given by the COUNTY or the DP or others acting for COUNTY or any agency of Federal, State, or Local government nor any acts or omissions by COUNTY or the DP in administering this Contract relieve the CMAR from its duty to perform the Work in accordance with the Contract Documents and all applicable law or regulation or code.
- 2.6.14.5 Unless the DP is authorized at the time of submittal to return samples at the CMAR's expense, rejected samples will be destroyed.
- 2.6.14.6 After delivery of materials by CMAR, the DP may make such tests, as it deems necessary, with samples required for such tests being furnished by and at the cost of the CMAR. Any test is for the benefit of the COUNTY and does not relieve CMAR of the responsibility for providing quality control measures to assure that the Work strictly complies with the Construction Documents. No test implies acceptance of materials, Work, workmanship, equipment, accessories or any other item or thing.
- 2.6.14.7 Materials, workmanship, equipment or accessories may be rejected on the basis of the test results even though general approval has been previously given. If items have been incorporated in the Work, the DP has the right to cause their removal and replacement by items meeting Construction Document requirements, with the cost therefor being borne by the CMAR and not COUNTY, or to demand and secure appropriate reparation to or price adjustment for the benefit of COUNTY from the CMAR.

#### **2.6.15 AS-BUILT DRAWINGS**

- 2.6.15.1 Prior to Final Payment, the CMAR will complete and turn over to the DP the Red Line Drawings kept current at the Project site by CMAR. Red Line Drawings will consist of a set of drawings that clearly indicate all field changes that were made during contract performance
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to adapt to field conditions, changes resulting from Change Orders and all buried and concealed installation of piping, conduit and utility services. All buried and concealed items both inside and outside the facility must be accurately located on the Red Line Drawings as to depth and in relationship to not less than two permanent features such as interior or exterior wall faces. The Red Line Drawings must be clean and all changes, corrections, and dimensions will be given in a neat and legible manner in a contrasting color. CMAR will also provide an electronic file of the Red Line Drawings to COUNTY in digital form pre-approved by COUNTY. The DP will use the CMAR Red Line Drawings to finalize and seal the As Built Drawings (Record Drawings) which, in turn, will be turned over to COUNTY at the end of construction.

2.6.15.2 With respect to any changes or corrections in the Work which are made subsequent to Substantial Completion, such revisions must be submitted to the DP for approval prior to Final Payment.

## **2.6.16 SCHEDULE AND COORDINATION**

2.6.16.1 The CMAR will schedule and coordinate the Work of all of its Subcontractors on the Project including their use of the Site. The CMAR will keep the Subcontractors informed of the Project CPM Schedule to enable the Subcontractors to plan and perform their Work properly.

2.6.16.2 At the time of the submission of the GMP, the CMAR will submit to the DP a detailed CPM Schedule for the Work, which will provide for the expeditious and practicable execution of the Work. The CPM Schedule will be consistent with and build upon any previous schedules issued during the Pre-Construction Phase. The CPM Schedule is not to exceed time limits under the Contract Documents and must be related to the entire Work to the extent required by the Contract Documents.

2.6.16.3 The CPM Schedule required for the performance of the Work will include reasonable detail including a time scaled network and computer printout in accordance with the following requirements:

- a) no activity may be longer than twenty-one (21) calendar days (i.e. task line item duration in the CPM Schedule) in length except fabrication and delivery activities;
- b) each activity must be logically tied to another activity to show its interdependency with other activities;
- c) installation activities must be logically tied to submittal/approval, fabrication and delivery;
- d) only a single critical path is allowed; and
- e) all activities on the schedule must be clearly designated.

2.6.16.4 The CMAR will prepare and keep current, for the DP's approval, a timetable for submittals which is coordinated with the CMAR's CPM Schedule for the Work and allows the DP the specified time to review submittals.

2.6.16.5 The CMAR will revise the CPM Schedule monthly to reflect actual conditions in the field and transmit it monthly to COUNTY and DP with a copy and a Narrative Report including a description of current and anticipated problem areas, delaying factors and their impact and corrective action taken or proposed. This update is to be submitted with each Application for Progress Payment. COUNTY's review of the CPM Schedule update does not relieve CMAR of its complete and exclusive control over the means, methods, sequences, and techniques of construction. The monthly updated CPM Schedule will be the basis for the analysis and granting or rejection of time extensions in accordance with Article 9 of these General Conditions.

2.6.16.6 In addition to the monthly CPM Schedule update, the CMAR will also revise its schedule at appropriate intervals as required by the conditions of the Work or as directed by COUNTY or DP with a printed and electronic copy of the revision submitted to COUNTY and DP in a format acceptable to COUNTY.

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- 2.6.16.7 The CMAR will perform the Work at all times during the Construction Phase within the identified times of the most recent COUNTY-approved schedule and consistent with the established Contract Time.
- 2.6.16.8 If the CMAR submits an original or updated CPM schedule which shows the Project and/or individual Milestone(s) for the Project completing earlier than required by the adjusted contractual completion date(s), the differences between the forecasted early completion and the required completion will be considered Project-owned float available for use by both COUNTY and the CMAR.
- 2.6.16.9 Since float time within the CPM Schedule is jointly owned, COUNTY will grant no time extensions and will pay no delay damages until a critical path activity delay occurs which extends the Work beyond the adjusted contractual completion date. Since float time within the CPM Schedule is jointly owned, COUNTY-caused delays on the Project may be offset by COUNTY-caused time savings which result in a critical path activity savings of time to the CMAR. In that event, the CMAR is not entitled to receive a time extension or delay damages until all COUNTY-caused time savings are exhausted and the applicable contractual completion date or milestone date is also exceeded.
- 2.6.16.10 No time extensions will be granted or delay damages paid unless 1) the delay is clearly demonstrated by the updated CPM Schedule and the current and supporting narrative as of the month the change was issued or occurred, or the delay took place, and 2) the delay cannot be mitigated, offset, or eliminated through such actions as revising the intended sequence of Work or other reasonable or industry recognized means of mitigating schedule slippage.

## **2.7 CMAR's RESPONSIBILITY FOR PROJECT SAFETY**

- 2.7.1 CMAR recognizes the importance of performing its Work in the safest manner possible so as to prevent damage, injury or loss to (a) all individuals at or in the vicinity of the Work, whether working or visiting the Project; (b) all Work, including materials and equipment incorporated or stored on or off site; and (c) all property adjacent to the site. On that basis CMAR assumes sole responsibility for implementing and monitoring all safety precautions and programs related to the performance of the Work and will submit a Safety Plan in complete form to COUNTY and DP at the time of issuance of the Notice to Proceed with the Work. CMAR will, prior to commencing construction, designate a safety manager with the necessary qualifications and experience to supervise the implementation of the plan and the monitoring of all safety precautions and programs related to the Work. The safety manager will make routine daily inspections of the Work site, and will hold at least weekly safety meetings with CMAR's personnel and Subcontractors.
- 2.7.2 CMAR and its Subcontractors will comply with all legal requirements relating to safety, as well as any COUNTY specific safety requirements set forth in the Contract Documents. CMAR will immediately report, in writing, to COUNTY's Representative and all government or quasi-government authorities having jurisdiction over matters involving the Work, any injury, loss, damage, or accident occurring at the site of the Work.
- 2.7.3 CMAR's responsibility for safety under this Section 2.7 is not intended to relieve CMAR's Subcontractors (of any tier) from applicable obligations and responsibilities for complying with all legal requirements, including those related to health and safety matters, and their taking all necessary measures to implement and monitor all safety precautions and programs to guard against injury, losses, damages, or accidents resulting from their performance of the Work.

## **2.8 WARRANTY**

- 2.8.1 CMAR warrants to COUNTY that the construction, including all materials and equipment furnished as part of the Work, will be new, unless otherwise specified in the Contract Documents; of good quality, in conformance with the Contract Documents; and free of defects in materials and workmanship. CMAR's warranty obligation excludes defects caused by abuse, alterations, or unreasonable failure to maintain the Work by persons other than CMAR, CMAR's subcontractors, or others under CMAR's control. Nothing in this warranty by CMAR limits any manufacturer's warranty which provides COUNTY with greater warranty rights than set forth in this Section 2.8 or the Contract Documents.
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2.8.2 CMAR will provide COUNTY with all manufacturers' warranties and Operation and Maintenance Manuals upon the date of Substantial Completion of the Work. CMAR will provide COUNTY a two (2) year warranty for all portions of the Work, which warranty commences upon Substantial Completion and acceptance by the COUNTY of the final phase of the Project. All statutory or other warranties, express or implied, related to latent defects will remain in force and are not limited or superseded by this provision.

2.8.3 The Warranties identified herein do not limit or control other remedies available to COUNTY at law or their limitation periods, if any.

## **2.9 CORRECTION OF DEFECTIVE WORK**

2.9.1 If any portion of the Work is covered over by CMAR or its subcontractor contrary to the request of the DP or COUNTY, or as required by the Construction Documents, or the applicable building standards or codes if requested in writing by the DP or COUNTY, that Work or portion thereof must be promptly uncovered for observation at the CMAR's own expense.

2.9.2 If any portion of the Work, other than those portions required to be inspected by the DP, COUNTY, or others, prior to being covered, has been covered over, the DP or COUNTY may request that it be uncovered for observation. If such portion of the Work is found to be in accordance with the requirements of the Construction Documents, the cost of uncovering it will be charged to COUNTY as a Change Order. If such portion of the Work is found not to be in compliance with the requirements of the Contract Documents, the CMAR shall bear such costs to uncover, to remove and replace, or to repair.

2.9.3 Unless a specific written waiver of such non-conformance has been provided to the CMAR, CMAR will promptly correct any Work that is found not to be in conformance with the Contract Documents, whether previously inspected by COUNTY's representatives or not. This obligation of CMAR continues for a period of two (2) years from the date of Substantial Completion. Nothing in this Section waives any other rights or remedies that COUNTY may have under applicable law.

2.9.4 CMAR, upon receipt of written notice from COUNTY that the Work is not in conformance with the Contract Documents, will, within seven (7) days (except in the case of an emergency or an item on the schedule critical path, which will require immediate response) commence correction of such nonconforming Work, including the correction, removal, or replacement of the nonconforming Work and any damage caused to any other parts of the Work affected by the nonconforming Work. In the event CMAR fails to commence the necessary corrective steps within seven (7) days of the Notice, COUNTY, in addition to any other remedies provided under the Contract Documents, may at the end of the seven (7) day period commence to correct or cause the correction of such nonconforming Work with its own or other forces. CMAR is responsible for all costs and expenses that COUNTY incurs in remedying any such Work not in conformance with the Contract Documents, including at COUNTY's sole discretion, any of its own staff time costs and all DP or other fees incurred. COUNTY will notify CMAR of its intent to make such corrections at or before the commencement of the corrective work.

2.9.5 The two-year warranty period referenced in Section 2.8.1 applies only to the CMAR's obligation to correct Work not in compliance with the Construction Documents, and does not constitute a period of limitations with respect to any other rights or remedies COUNTY may have with respect to CMAR's other obligations under the Contract Documents. CMAR acknowledges that, for purposes of statutes of limitations, COUNTY is a body politic and corporate of the State of Arizona acting in its governmental capacity for the general good.

## **ARTICLE 3 – DP'S SERVICES AND RESPONSIBILITIES**

In addition to the DP Responsibilities outlined in Article 2,

3.1 The DP will be the initial interpreter of the intent and requirements of the Construction Documents. The DP will render written initial interpretations with reasonable promptness following a written request from COUNTY or the CMAR. These initial interpretations will be consistent with the intent of the Contract Documents.

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- 3.2 The DP will timely review and approve or take other appropriate action upon the CMAR's submittals, such as Shop Drawings, Product Data and Samples, for conformance with the Construction Documents. The DP will take such action with reasonable promptness as specified so as to cause no delay. The DP's approval of a specific item or component does not indicate approval of an assembly of which the item is a component.
- 3.3 Following consultation with COUNTY, the DP will take appropriate action on issuance of Change Orders and may authorize minor changes in the Work as defined in Section 10.3.
- 3.4 The DP and COUNTY each have authority to reject Work which does not conform to the Contract Documents and to require special inspection or testing but may take such action only after consultation with the other. However, neither the authority to act given to the DP and COUNTY under this subparagraph nor any decision made by them in good faith either to exercise or not exercise such authority gives rise to any duty or responsibility by them to the CMAR, any Subcontractor, any of their agents or employees, or any other person performing any of the Work.
- 3.5 Based on its observations of the Work and evaluation of applications for payment, COUNTY or COUNTY'S designee will have the responsibility to approve the amounts owing the CMAR from time to time under and in accordance with Article 7 of these General Conditions and applicable law.

### **3.6 DESIGN SERVICES**

- 3.6.1 Under separate contract with COUNTY, the DP will submit to COUNTY all required Design Submission Documents to describe the Project's essential elements. The Design Submissions required of the DP include Drawings, Specifications, cost estimates, and other documents as may be necessary to fully identify the Project scope and materials. The CMAR will submit detailed cost estimates as part of the design submission to COUNTY. At the time of the scheduled submissions, CMAR, DP, and COUNTY will meet and confer about the submission with CMAR and DP identifying during the meeting, among other things, the evolution of the design and any significant changes or variances from the requirements of the Contract Documents, or previously submitted design submissions, and, if any, changes in anticipated costs.
- 3.6.2 DP will maintain minutes of these milestone design review meetings and will provide them to all attendees for review. Following the design review meeting, COUNTY will review and approve or reject the Design Submission within three (3) weeks from receipt. COUNTY may reject full or partial design submittals which do not conform with COUNTY's Project Criteria, overall Project concepts, and budgets, or for any other reasonable cause consistent with the intent of the Contract Documents. Upon such rejection, the DP will redesign or reengineer the rejected portion of the design. CMAR will revise the cost estimate at no additional cost, such that it meets COUNTY's requirements. COUNTY must approve all variances from COUNTY's Project Criteria in writing.
- 3.6.3 As necessary for the timely completion of the Work, the DP will submit to COUNTY for COUNTY's review and approval or rejection, Construction Documents describing the requirements for construction of the Work. The COUNTY, DP and CMAR will have design review meetings to discuss Construction Documents consistent with Section 3.6.1 above, and COUNTY will review and approve or reject the Construction Documents within three (3) weeks of receipt from the DP.
- 3.7 The DP, if so stated through this Contract, or a third party Project Manager under a separate contract with COUNTY, will provide administration of this Contract on behalf of COUNTY as described throughout the Contract and these General Conditions and in COUNTY's contract with the DP. DP is to copy COUNTY on all instructions and communications by the DP to the CMAR.

### **ARTICLE 4 - COUNTY'S SERVICES AND RESPONSIBILITIES**

In addition to its responsibilities outlined in Article 2,

- 4.1 COUNTY will, throughout the performance of the Contract, cooperate with CMAR and perform its responsibilities, obligations and services in a timely manner so as not to delay or interfere with CMAR's performance of its obligations under the Contract Documents.
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- 4.2 COUNTY's Representative is responsible for processing and delivery of COUNTY-supplied information and approvals or rejections in a timely manner to permit CMAR to fulfill its obligations under the Contract Documents. COUNTY's Representative will also provide CMAR with reasonably prompt notice if and when it observes any failure on the part of CMAR to fulfill its contractual obligations, including errors, omissions, or defects in the CMAR's performance of its Work. Failure of COUNTY or its representatives to notify the CMAR hereunder will not alter the duties and obligations of CMAR under the Contract Documents.
- 4.3 COUNTY will provide reviews and approvals or rejections of the CMAR's cost estimate portion of the Design Submission within three (3) weeks of receipt of those documents. COUNTY will review documents submitted by the CMAR and render any decisions pertaining thereto without unreasonable delay.
- 4.4 COUNTY is responsible for all Work performed at the Project by parties under COUNTY's control other than CMAR or DP. COUNTY will contractually require such parties to cooperate with and coordinate their activities with CMAR so as not to unreasonably interfere with CMAR's ability to complete the Work in a timely manner, consistent with the Contract Documents.
- 4.5 COUNTY will interact and cooperate with the CMAR to keep the Work within the portions of the Project Budget or GMP, as may be applicable, including but not limited to giving appropriate and reasonable consideration to all reasonable recommendations of the CMAR, approving redesign, deductive alternatives or reductions in the Work, consideration of any requested additional Value Engineering, making modifications to the Contract Documents, or exercising such other rights or remedies as may be available elsewhere under this Contract including termination for convenience. If at any time, it is apparent that the cost of the Work cannot be kept within the Project Budget or GMP, COUNTY may terminate this Contract in accordance with the termination for convenience provisions set forth below.
- 4.6 COUNTY acting through the DP and consistent with COUNTY's contract with the DP, will furnish the CMAR a sufficient quantity of documents and information required for the CMAR's performance of its Pre-Construction Services.

## **ARTICLE 5 – HAZARDOUS MATERIALS AND UNFORESEEN PROJECT SITE CONDITIONS**

### **5.1 HAZARDOUS MATERIALS**

- 5.1.1 It is the sole responsibility of the CMAR to properly remove and dispose of any Hazardous Materials in the Project identified as such in the Contract Documents by COUNTY. CMAR, upon encountering any Hazardous Materials not identified in the Contract Documents, will stop work immediately in the affected area and notify COUNTY and, if required by applicable rules, all governmental or quasi-governmental entities with jurisdiction over the Project. COUNTY has responsibility to take the necessary measures required to properly remove and dispose of Hazardous Materials not identified in the Contract Documents as being the responsibility of the CMAR.
- 5.1.2 CMAR will be entitled, in accordance with the provisions of these General Conditions, to an adjustment in the GMP or Contract Time(s) of performance, or both, to the extent that the CMAR's costs or time of performance have been adversely and materially impacted by the presence of unforeseen or undisclosed Hazardous Materials.
- 5.1.3 COUNTY is not responsible for Hazardous Materials introduced to the site by CMAR, CMAR's Subcontractors (at any tier), or anyone else for whom the CMAR is responsible unless the Contract Documents explicitly call for either the provision or removal of the specific Hazardous Materials.
- 5.1.4 CMAR will indemnify, defend, and hold harmless COUNTY and others under COUNTY's control, and the officers, directors, employees and agents of each of them, from and against all claims, losses, liabilities, costs and expenses, including but not limited to attorney's fees and expenses, arising out of or resulting from CMAR's importation, improper handling, storage, abatement, removal, remediation, or disposal of any Hazardous Materials.
- 5.1.5 Releases of Hazardous Materials: Upon any release of any Hazardous Material in connection with the Work, whether relating to a pre-existing condition or to acts or omissions of CMAR, CMAR will take immediate action reasonably necessary to contain the release and if the Hazardous Material
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release is not a CMAR release, COUNTY will pay CMAR the reasonable costs incurred by CMAR in taking such containment action. COUNTY may elect to have CMAR control and carry out any removal and remediation activity needed, provided that if the release is not a CMAR release, COUNTY will be responsible to pay CMAR for such CMAR removal and remediation activities in accordance with the Change Order provision set forth in Section 10.4 of these General Conditions, including allowance of additional Contract Time.

## **5.2 UNFORESEEN PROJECT SITE CONDITIONS**

- 5.2.1 If CMAR encounters, during the performance of the Work, concealed or latent physical conditions or subsurface conditions at the Project which (a) materially differ from the conditions indicated in the Contract Documents; or (b) are of an unusual nature which differ materially from the conditions ordinarily encountered and generally recognized as inherent in the sort of work provided for in the Contract Documents, CMAR will immediately provide written notice to COUNTY apprising COUNTY of the unforeseen conditions encountered. CMAR will not disturb or modify such conditions without COUNTY's prior written consent. COUNTY will promptly investigate CMAR's notice of an unforeseen site condition and advise CMAR of its findings and determination.
- 5.2.2 If COUNTY determines that the conditions encountered by CMAR under Section 5.2.1 are an unforeseen Project site condition, CMAR will be entitled, in accordance with the provisions of these General Conditions, to an adjustment in its GMP or Contract Time(s) of performance, or both, to the extent that CMAR's cost or time of performance have been adversely impacted by the unforeseen conditions. Adjustments to GMP will be for the actual direct cost impact incurred by CMAR to address and resolve the unforeseen conditions.
- 5.2.3 COUNTY will not consider or allow any claim by the CMAR for an increase in the GMP or in Contract Time(s) without compliance with the advance notice requirement set forth above, submission of verifiable documentation of specific direct cost impact, and an adequate opportunity for COUNTY to investigate. Extensions of Contract Time(s) will be considered and allowed only when based upon submission of an updated CPM Schedule and supporting narrative showing an actual unavoidable delay to the Project Critical Path due to the unforeseen Project Site Conditions.
- 5.2.4 In no event will the Contract Time or GMP be adjusted for conditions that CMAR could or should have identified through past work or its investigations or survey of existing conditions prior to submission and establishment of the GMP and the GMP Schedule.
- 5.2.5 If COUNTY determines CMAR has no entitlement to an adjustment in GMP or Contract Time for what CMAR contends is an unforeseen Project Site Condition, CMAR may only proceed in pursuit of its position or claim in accordance with the Dispute Resolution provisions of the Contract.

## **5.3 ARCHEOLOGICAL CONDITIONS:**

If in the course of performing the Work, the CMAR, any subcontractor, or other persons or entities under the control of CMAR, encounter any Native American burial site or other archeological artifacts, CMAR will immediately notify COUNTY and suspend any Work or activity in the vicinity of the burial site or artifact. COUNTY will determine with reasonable promptness what action, if any, needs to be taken and advise CMAR how to proceed or adjust the Work. Any claim for adjustment in Contract Time or GMP will be handled under 5.2.2 above.

## **ARTICLE 6 – RESERVED**

## **ARTICLE 7 – PAYMENT**

### **7.1 GUARANTEED MAXIMUM PRICE; SAVINGS.**

- 7.1.1 COUNTY will pay the CMAR for the CMAR's performance and the CMAR accepts the Pre-construction Phase Fee in full payment for Pre-construction services, and the Actual Cost of Work (as defined in **Appendix B** hereto) plus the Construction Phase Fee for construction services, provided, however, that the amount paid to CMAR will not exceed the GMP as originally fixed or as adjusted from time to time as provided in these General Conditions.
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7.1.2 Savings will be calculated and paid upon Final Completion of the Work. One hundred percent (100%) of all savings will be allocated to COUNTY. Savings returned to COUNTY will not include return of Construction Phase Fee for the amount of the savings, but will include an appropriate percentage of bonds and insurance premiums and taxes attributable to the savings amount. One hundred percent (100%) of allocations to GMP for allowance and contingency items that remain unused upon Final Completion will be returned to COUNTY.

## **7.2 SCHEDULE OF VALUES.**

7.2.1 Before issuance of the Notice to proceed and commencement of the Work in the Construction Phase, the CMAR will submit to COUNTY, and COUNTY and the CMAR shall agree upon, a complete Schedule of Values on the items constituting the GMP following the sample outline in **Appendix "B"**, setting forth the various portions of the Work, and the portions of the GMP allocated to each portion of the Work. This Schedule of Values will also be the basis for payment as the Work progresses. Those portions of the Schedule of Values allocable to Work to be performed by Subcontractors of the CMAR will be finalized as and when the Subcontracts are executed. All estimated construction costs not specifically allocated to a Subcontract (including Work self-performed) or to Construction General Conditions will be allocated to "Bidding Contingency" and will, upon approval of COUNTY, be available for later use by the CMAR as Construction Contingency, for reallocation to other line items as provided for in these General Conditions.

## **7.3 APPLICATIONS FOR PROGRESS PAYMENTS.**

7.3.1 CMAR will deliver to COUNTY (or such other person as is designated by COUNTY) on the last day of each month a sworn application for progress payment in the format specified by COUNTY. Each such application for payment will be based on the Schedule of Values and be in an amount determined by the percentage of completion of the Work in the month being billed. It will show the percentage of completion of each category of the Work performed in the billing period. The payment application must be accompanied (as separate documents) by (a) an updated CPM Schedule and narrative schedule update report as provided for herein; and (b) conditional lien waivers from each subcontractor or supplier entitled to progress payment thereunder. In addition, the CMAR will provide the following documentation upon specific request by COUNTY: a) a written accounting in a form agreed by CMAR and COUNTY of the actual cost of the Work completed; b) a report by CMAR on Subcontractor buy-out status, contract sums, and subcontractor pay applications; c) a copy of job cost ledger; d) a copy of timecards for all employees charged to the Project; and e) a copy each of Construction General Conditions invoices and purchase orders for the time periods periodically requested by COUNTY.

7.3.2 The CMAR Construction Phase Fee and the Construction General Conditions will be paid monthly in accordance with the percentage of completion of the Work. The amount approved and paid for progress achieved in the month billed for is not final acceptance of the Work and is subject to final adjustment at the time of Final Acceptance and Final Payment. At no time may the cumulative value of past progress payments plus the current requested progress payment on any pay application exceed the GMP as it may be adjusted under these General Conditions.

7.3.3 COUNTY, within seven (7) days after receipt of CMAR's application for progress payment, and no later, will either issue (a) a certificate of approval for payment of such amount as is invoiced in the payment application; or (b) specific written findings setting forth those items in detail in the estimate of the Work in the pay application that are not approved for payment under the Contract. All items in the payment application are considered approved that are not made the subject of the written detailed finding of non-approval.

7.3.4 COUNTY may withhold an amount from the progress payment to be made for the time period billed for a sufficient sum to pay the expenses that COUNTY reasonably expects to incur in correcting the deficiencies set forth in the written finding issued by the COUNTY as to the items not approved for payment.

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#### **7.4 PAYMENT AND RETAINAGE.**

- 7.4.1 Within fourteen (14) days following the receipt of the DP certificate of approval for payment and the written detailed findings of items not approved, if any, COUNTY will pay the amount due on the progress payment application to the CMAR. Payment will be limited to ninety percent (90%) of the value approved of the Construction Work in place and for materials suitably stored in accordance with Section 7.6.1, below, of these General Conditions during the month being billed. COUNTY will retain the remaining ten percent (10%) until the Contract is fifty percent (50%) complete, at which time COUNTY may, in its sole discretion, reduce the retainage to five percent (5%); provided that: (a) the CMAR is making satisfactory progress on the Contract; and (b) in COUNTY's sole judgment, there is no specific cause or claim requiring a greater amount than five percent (5%) to be retained. Thereafter, COUNTY will pay the CMAR ninety-five percent (95%) of the value of the Construction Work and materials on approved progress billings, unless and until COUNTY determines, in its sole discretion that satisfactory progress is not being made, at which time COUNTY may reinstate ten percent (10%) retainage. Such ten percent (10%) reinstatement is equal to ten percent (10%) of the total Contract value of Construction Work in place and materials stored. COUNTY's determinations concerning the satisfactory progress of the Work for retainage adjustment purposes is final.
- 7.4.2 Within sixty (60) days after the issuance of the Certificate of Final Completion by the DP and receipt by COUNTY of all other documents required from CMAR by the Contract Documents, COUNTY will pay all retained amounts to CMAR as part of Final Payment, provided, however, a) the Final Payment is not due from COUNTY until the CMAR delivers full and final unconditional lien releases in statutory form from all Subcontractors and major Suppliers acknowledging their having received payment in full (Any claim filed thereafter is the responsibility of the CMAR);, and b) if any claim remains unsatisfied after all payments are made by COUNTY, the CMAR will immediately, upon demand, refund to COUNTY all monies that COUNTY may be compelled to pay in discharging such unsatisfied claims including all costs, interest, and attorneys' fees.

#### **7.5 EARLY RELEASE OF SUBCONTRACTOR RETAINAGE.**

- 7.5.1 If a Subcontractor has completed its portion of the Work (including all Punch list items) pursuant to its Subcontract, the CMAR may request COUNTY to disburse the amount of Retainage allocable to such Subcontractor after delivering to COUNTY, when required by COUNTY, consent to such disbursement from such Subcontractor's surety, in a form satisfactory to COUNTY, and a final lien release from the Subcontractor. If COUNTY is satisfied that the Subcontractor's Work has been fully and finally completed in accordance with the Contract Documents, COUNTY may disburse said Retainage to CMAR for payment over to the Subcontractor. However, the two-year warranty period with respect to such Subcontractor Work will not commence until Substantial Completion of the entire Project.

#### **7.6 PAYMENT FOR ON-SITE AND OFF-SITE MATERIALS.**

- 7.6.1 COUNTY will make progress payments when due to CMAR on account of materials and equipment delivered and suitably stored at the Site for subsequent incorporation in the Work. COUNTY may similarly make payment to CMAR for materials and equipment suitably stored off the Site, conditioned upon the CMAR furnishing satisfactory evidence to COUNTY that (a) title to the materials and equipment will pass to COUNTY upon payment for same; (b) there are no claims of third parties; (c) the materials and equipment are adequately insured for full replacement value plus delivery; and (d) such other matters as COUNTY may reasonably request in order to protect its interests.

#### **7.7 OWNERSHIP OF CONSTRUCTION WORK.**

- 7.7.1 The CMAR warrants that title to all Construction Work included in an Application for Progress Payment will pass to COUNTY no later than the time of payment therefor. The CMAR further warrants and represents to COUNTY that upon submittal of an Application for Payment, all Construction Work for which Applications for Payment have been previously issued and payments received from COUNTY will, to the best of the CMAR's knowledge, information and belief, be free and clear of liens, claims, security interests, or encumbrances in favor of the CMAR, its
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Subcontractors, material suppliers, or other persons or entities making a claim by reason of having provided labor, materials, and equipment relating to the Work.

7.7.2 As a condition precedent to Final Payment from COUNTY the CMAR will provide unconditional waivers of lien in statutory form from all Subcontractors, material suppliers, and other persons or entities having provided labor, materials and equipment relating to the Work.

## **7.8 SUBSTANTIAL COMPLETION.**

7.8.1 When the CMAR believes the Work, or a portion thereof which the COUNTY wants and agrees to accept separately, is Substantially Complete, the CMAR will notify COUNTY and the DP and will submit to COUNTY and DP a comprehensive list of items to be completed or corrected as to that Work or all Work. Within five (5) working days of receipt of the CMAR's notice and list, COUNTY, the DP, and CMAR will jointly inspect the Project to determine whether Substantial Completion has in fact occurred. If COUNTY determines that the Work, or the relevant portion thereof, is Substantially Complete, COUNTY will issue the Punch List and the Certificate of Substantial Completion stating the date of Substantial Completion, which certificate will be executed by COUNTY, the DP, and the CMAR. The CMAR will thereupon proceed promptly to complete or correct Punch List items. Failure to include an item on the Punch List does not alleviate or alter the responsibility of the CMAR to complete all Work in accordance with the Contract Documents.

## **7.9 FINAL COMPLETION AND FINAL PAYMENT**

7.9.1 Completion of all outstanding Work items noted in the Substantial Completion "Punch List" for the entire Work, or relevant portion thereof, and other Contract requirements are necessary for COUNTY to certify Final Completion. Requirements for this certification also include, but are not limited to, completion of equipment operating training for COUNTY and the submission and approval by COUNTY of a) all Record and Close Out Documents; b) copies of all Construction General Conditions and Purchase Orders not previously provided; and c) all required reports.

7.9.2 Conditions Precedent to Final Payment. Neither Final Payment nor any final release of Retainage become due until such time as CMAR submits all of the following to COUNTY:

- a) An affidavit that payrolls, bills for materials and equipment, and other indebtedness connected with the Work for which COUNTY or COUNTY's property might be responsible or encumbered (less amounts withheld by COUNTY) have been paid or otherwise satisfied by CMAR;
- b) A certificate evidencing that insurance required by the Contract Documents to remain in force after Final Payment is currently in effect and will not be canceled or allowed to expire until at least sixty (60) days' prior written notice has been given to COUNTY;
- c) Consent of Sureties to final payment;
- d) Unconditional waivers of lien in statutory form from all Subcontractors, material suppliers, and other persons or entities having provided labor, materials, and equipment relating to the Work;
- e) If required by COUNTY, other data establishing payment or satisfaction of obligations, such as receipts; releases; and waivers of liens, claims, security interests, or encumbrances arising out of the Contract Documents;
- f) All Project warranty documents;
- g) Final Subcontractor List;
- h) All approved Submittals and Shop Drawings (electronic copy);
- i) Schedule of Required Maintenance;
- j) Operation and Maintenance Manuals (electronic and hard copies);
- k) As-Builts (electronic copies, hard copies and BIM Model, if any);
- l) Any required COUNTY training provided by CMAR;
- m) State Fire Marshal and State Elevator Inspection approvals and certificates received, if applicable;
- n) Commissioning completed and reports received, if applicable; and
- o) Any other items identified by COUNTY, and agreed to by CMAR in Contract Documents, to be received by COUNTY.

7.9.3 If, after Substantial Completion of the Project has been achieved, Final Completion is materially delayed through no fault of the CMAR, or by the issuance of additional Change Orders by COUNTY, COUNTY may at its sole discretion, upon request of the CMAR, and without terminating

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the Contract, make payment to CMAR of the balance due for that portion of the Work fully completed. If the remaining balance for Work not fully completed is less than the Retainage, and if bonds have been furnished, the written consent of surety to payment for that portion of the Work fully completed must be delivered by the CMAR to the COUNTY, and such payment will be made under the terms and conditions governing Final Payment, except that such payment does not constitute a waiver of claims by either the CMAR or COUNTY.

7.9.4 Acceptance of Final Payment by the CMAR constitutes a waiver of all affirmative claims by the CMAR in connection with the Contract and construction of the Project. Final Payment by COUNTY constitutes a waiver of claims by COUNTY, except those arising from (a) liens, claims, security interests, and encumbrances arising out of the Work after final payment; (b) latent defects which COUNTY becomes aware of after Final Payment; or (c) the terms of warranties required by the Contract Documents and other rights provided under applicable law.

## **7.10 ALLOWANCES.**

7.10.1 The CMAR will include in the GMP all allowances required by the COUNTY. Items covered by allowances will be supplied for such amounts and by such persons or entities as the COUNTY may direct, but the CMAR is not required to employ persons or entities against which the CMAR makes reasonable objection. Unless otherwise provided in the Contract Documents:

- a) COUNTY will select materials and equipment under an Allowance within a reasonable time frame as defined in the COUNTY-approved Project CPM Schedule;
- b) Allowances will cover the cost to the CMAR of materials and equipment delivered at the site and all required taxes, less applicable trade discounts;
- c) Allowances will not include professional or construction fees, Construction General Conditions, bond and insurance premiums;
- d) Allowances will cover CMAR's costs for unloading and handling at the Site, labor, installation costs and other expenses;
- e) Whenever costs are more than or less than Allowances, the GMP may be adjusted accordingly by Change Order in accordance with provisions of Article 10. The amount of the Change Order will reflect the difference between Actual Costs and the Allowances plus Fee on such difference in accordance with Article 10 hereof if the Actual Costs are greater than the allowances.

## **7.11 CONTINGENCIES.**

7.11.1 For Vertical Construction:

7.11.1.1 The GMP contains a line item for a "Bidding Contingency". The Bidding Contingency, upon approval of the COUNTY, is for the CMAR's use and will be increased by amounts not expended on other line item bid packages and will decrease by additional amounts required to be expended on other line item bid packages. Following completion of all contract execution by subcontractors (Project buy-out), Bidding Contingency becomes Construction (CMAR) Contingency and CMAR may use this Construction (CMAR) Contingency for legitimate unforeseen construction expenses, subject to COUNTY's review and approval. CMAR will submit detailed monthly reports to COUNTY indicating how the Construction (CMAR) Contingency was used in the reporting period, and the status of the Construction (CMAR) Contingency. COUNTY has the authority to reject any use of the Construction (CMAR) Contingency after it has been submitted if COUNTY believes, in its reasonable judgment, that some or all of the amount included in the use of the Construction (CMAR) Contingency is not a legitimate expense for the Project. Upon COUNTY's rejection of a Construction (CMAR) Contingency use, the CMAR will thereupon credit the Construction (CMAR) Contingency amount back to the Construction (CMAR) Contingency in the next subsequent payment request. Any amounts remaining in Bidding / Construction (CMAR) Contingency at Final Completion are Savings and will be allocated to COUNTY. Should the Bidding / Construction (CMAR) Contingency be exhausted prior to award of all the bid packages, any subsequent overruns in bid package costs will be the CMAR's sole responsibility, with no additional compensation due therefor from COUNTY.

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- 7.11.1.2 Total Bidding Contingency will be determined pending mutual agreement by COUNTY and CMAR on GMP.
- 7.11.1.3 Upon award of each Bid Package, the difference between the CMAR's estimated Cost of the Work contained within the Bid Package, exclusive of contingency, versus the actual award cost thereof as determined by the bidding and award of the package will be promptly calculated. If the award cost exceeds the CMAR's estimated cost in the GMP, any necessary portion of the Bidding Contingency identified in subparagraph 7.11.1.2 above will be applied, subject to COUNTY's approval, to cover any overrun, and any underrun amount will be used to increase the Bidding Contingency.
- 7.11.2 Non-Vertical and Horizontal Construction:
- 7.11.2.1 The GMP may contain a line item for "Construction Contingency" for CMAR's use as a bidding contingency and for legitimate unforeseen construction expenses, subject to COUNTY's review. The amount of Construction Contingency represents CMAR's future risk from the point at which it is established. In establishing the amount of the initial Construction Contingency, CMAR will provide a description of the risks the Construction Contingency is intended to cover, including unresolved areas of concern identified in pre-construction, in such format as COUNTY may prescribe.
- 7.11.2.2 The amount of the Construction Contingency is not cumulative. At any given time, even if there are multiple GMPs, there will be only one Construction Contingency for the Work. The amount of the Construction Contingency may be adjusted by any Change Order, Contract Amendment, or subsequent GMP to reflect CMAR's future risk from that point. The value of the Construction Contingency will not exceed the value stated in the most recent Change Order, Contract Amendment, or GMP.
- 7.11.2.3 "Legitimate unforeseen construction expenses" does not include expenses arising from factors the existence of which CMAR knew or should have known at time of establishment of the value of the Construction Contingency. As an example, the expense of relocating utilities in an intersection of which CMAR was or should have been aware as a result of prior work or Blue Staking for prior work in the intersection is not a "legitimate unforeseen expense."
- 7.11.2.4 CMAR will submit detailed monthly reports to COUNTY indicating how the Construction (CMAR) Contingency was used in the reporting period, and the status of the Construction (CMAR) Contingency. COUNTY may reject any use of the Construction (CMAR) Contingency after it has been submitted if COUNTY believes in its reasonable judgment that some or all of the amount included in the use of the Construction (CMAR) Contingency is not a legitimate expense for the Project. Upon COUNTY's rejection of a Construction (CMAR) Contingency use, the CMAR will thereupon credit the Construction (CMAR) Contingency amount back to the Construction (CMAR) Contingency in the next subsequent payment request. Any amounts remaining in the Construction (CMAR) Contingency at Final Completion are Savings and will be allocated to COUNTY. Should the Construction (CMAR) Contingency be exhausted prior to completion of the Work, any subsequent overruns are the CMAR's sole responsibility, with no additional compensation due therefor from COUNTY except for those items for which COUNTY is responsible under the Contract Documents.
- 7.11.3 CMAR will include in all subcontracts an explicit requirement that Change Orders between CMAR and the subcontractors will be priced consistently with the requirements of Article 10 of these General Conditions, with adequate itemized Change Order pricing regardless of whether or not there is a comparable Change Order between CMAR and COUNTY. In addition, CMAR will retain, and make available to COUNTY upon request, all bid documents including requests for proposals, requests for quotes, and bid responses from both successful and unsuccessful bidding subcontractors.
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## **ARTICLE 8 – INDEMNIFICATION**

### **8.1 PROPRIETARY RIGHTS, PATENT AND COPYRIGHT INFRINGEMENT**

- 8.1.1 CMAR will defend any action or proceeding brought against COUNTY based on any assertion or claim that the Work, or any part thereof, or the operation thereof or use of the Work or any part thereof, constitutes infringement of any proprietary rights or United States patent or copyright, now or hereafter issued. COUNTY agrees to give prompt notice in writing to CMAR of any such action or proceeding and to provide authority, information and assistance in the defense of same. CMAR will indemnify and hold harmless COUNTY from and against all damages and costs, including attorney's fees, awarded against COUNTY or CMAR in any such action or proceeding. CMAR further agrees to keep COUNTY informed of all developments in the defense of such actions or proceedings.
- 8.1.2 In the event that COUNTY is enjoined from the operations or use of the Work, or any part thereof in connection with any proprietary rights, patent suit, claim, or proceeding, CMAR will at its sole expense take reasonable steps to procure the right or license to operate or use the Work. If CMAR cannot so procure the aforesaid right within a reasonable time, CMAR will then promptly, at CMAR's option and at CMAR's expense (a) modify the Work so to avoid infringement of any patents, or copyrights; or (b) replace said Work with Work that does not infringe or violate any such proprietary rights, patent, or copyright.
- 8.1.3 Sections 8.1.1 and 8.1.2 above do not apply to any action or proceeding based on infringement or violation of a proprietary right, patent, or copyright (a) relating solely to a particular process or the product of a particular manufacturer specified by COUNTY and such processes or products are something other than that which has been offered or recommended by CMAR to COUNTY; or (b) arising from modifications to the Work by COUNTY or its agents after acceptance of the Work.
- 8.1.4 CMAR's warranty and indemnification obligations survive expiration or termination of this Contract unless otherwise specifically stated.
- 8.1.5 The obligations set forth in this "Proprietary Rights, Patent and Copyright Infringement" section constitute the sole agreement between the parties relating to liability for infringement or violation of any proprietary rights, patent or copyright.

### **8.2 GENERAL INDEMNITY**

CMAR will indemnify, defend, save, and hold harmless COUNTY and its officers, officials, agents, and employees (hereinafter referred to as "Indemnitees") from and against any and all claims, actions, liabilities, damages, losses, or expenses (including court costs, attorneys' fees, and costs of claim processing, investigation and litigation) (hereinafter referred to as "Claims") for bodily injury or personal injury (including death), or loss or damage to tangible or intangible property caused, or alleged to be caused, by the negligent or willful acts or omissions of CMAR or any of its owners, officers, directors, agents, employees, or subcontractors, arising out of performance of the Work or this Contract, or in connection with the Project or defects in the Work, or any materials supplied. This indemnity includes any claim or amount arising out of or recovered under the Workers' Compensation Law or arising out of the failure of such CMAR to conform to any federal, state, or local law, statute, ordinance, rule, regulation, or court decree. CMAR will be responsible for primary loss investigation, defense, and judgment costs where this indemnification is applicable. In consideration of the award of this Contract, the CMAR waives all rights of subrogation against Indemnitees for losses arising from the Work performed by the CMAR for COUNTY.

### **8.3 Cumulative Rights**

The rights of indemnification in this Article 8 are cumulative and in addition to any other rights of indemnification under this Contract. Nothing in this Article 8 limits or otherwise impairs any other right of indemnification in this Contract.

## **ARTICLE 9 – TIME AND DELAY**

- 9.1.1 All time limits set forth in the Contract Documents for performance are of the essence of this Contract. CMAR agrees that it will commence performance of the Work, achieve Substantial and
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Final Completion of the entire Project, and achieve any interim Milestones for Substantial and Final Completion in compliance with all contractual time requirements.

- 9.1.2 Time is of the essence of each and every part of the Contract Documents and of the Specifications wherein a definite and certain length of time is fixed for the performance of any act or activity whatsoever. Where, under the Contract Documents, additional time is allowed for the completion of any Work, the new time limit fixed by such extension is also of the essence of this Contract.
  - 9.1.3 Failure of the CMAR to achieve the completion dates for Substantial or Final Completion set forth in the Contract will result in the assessment of Liquidated Damages as required by the Contract. CMAR will pay the per diem amount for Liquidated Damages provided for in the Contract for each and every calendar day that the CMAR is not in full compliance with the time(s) stipulated in the Contract for completing the Work. The Liquidated Damages per diem amount is fixed and agreed upon by and between the CMAR and COUNTY because of the impracticality and extreme difficulty of fixing and ascertaining the actual damages the COUNTY would in such event sustain. COUNTY may withhold any such sums from Final Payment due hereunder or from retainage.
  - 9.1.4 If CMAR is delayed in the performance of the Work and such delay actually and directly delays a timely achievement of a critical path activity, element, or component, based upon an analysis of the current CPM Schedule due to acts, omissions, conditions, events, or circumstances beyond its reasonable control or prevention and due to no legal fault of its own or those for whom CMAR is responsible under the terms of the Contract Documents, the time for Substantial Completion of the Work, and to the extent applicable, any interim milestones or Substantial Completion dates for portions of the Work will be extended by written Change Order for the amount of time attributable to such events or circumstances. By way of example only, such acts, omissions, conditions, events, and circumstances which would entitle CMAR to an extension of the Contract Time(s), include acts or omissions of COUNTY, or anyone under COUNTY's control, including changes made by separate contractors in the Work by COUNTY, unforeseeable Project site conditions, wars, floods, labor disputes, unusual delay in transportation, and unusually adverse weather conditions.
  - 9.1.5 The CMAR has included a specified number of days of weather related delays within the CPM Schedule which COUNTY has approved, and that number of days is incorporated herein by reference. If the Project experiences weather-related delays beyond the contractually specified number of weather days, the CMAR is entitled to a commensurate extension of time.
  - 9.1.6 CMAR is entitled to an appropriate adjustment of its GMP for extended Construction General Conditions only for mutually determined delays directly caused by the actions, omissions, or inactions of the COUNTY and upon proof of the actual, direct additional cost to the CMAR for such delays.
  - 9.1.7 CMAR will provide notice of any delay in performance of the Work that CMAR attributes to COUNTY in writing to the DP and COUNTY immediately but in no event later than twenty-four (24) hours after discovery of the event giving rise to the delay. The CMAR will then provide additional details concerning the delay in writing to the DP and COUNTY within seven (7) calendar days from the delay notice. Failure to satisfy each of these time requirements will absolutely bar any and all later delay claims. The detailed notice will indicate the cause of the delay, the anticipated length of the delay in reasonable detail, the probable effect of such delay upon the progress and Cost of the Work, and possible mitigation plans. If the cause of the delay is ongoing, the CMAR must give further detailed notice every month at the same time it submits the updated progress Narrative Report to COUNTY.
  - 9.1.8 CMAR will, upon discovering an event giving rise to a delay, as promptly as possible, make all reasonable efforts to mitigate the impact of the delay.
  - 9.1.9 Within fifteen (15) calendar days after elimination of any such delay, the CMAR will, unless the time is extended in a Change Order approved by COUNTY, submit further documentation concerning the delay and, if appropriate, a formal written request requesting an extension of time for such delay and any compensation sought for the delay. The written request for time extension will state the cause of the delay, the number of days of extension requested and the compensation
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sought and provide a fully documented analysis of the Progress Schedule, including any data demonstrating a delay in the critical path of the Work or individual milestone or the overall Project completion. If the CMAR does not timely comply with the notice and documentation requirements set forth in this Section 9.1.9, the CMAR's claim for delay is barred.

- 9.1.10 In the event the CMAR gives notice to COUNTY of compensable delay alleging that COUNTY is responsible for the delay as to which the notice was given and the delay is unreasonable under the circumstances and was not within the contemplation of COUNTY and CMAR when they entered into the Contract, COUNTY will enter into negotiations with CMAR as to CMAR's damages, if any.

## **ARTICLE 10 – CHANGES TO THE CONTRACT PRICE AND TIME**

### **10.1 CHANGES**

- 10.1.1 After the Contract is signed, modifications to the Contract, including any changes to GMP, the Contract Time(s) or Scope of Work, may only be made by a written Contract Amendment or written Change Order.
- 10.1.2 The CMAR will not proceed with the Work on any change involving an increase or decrease in cost or time without prior approval of the Change Order or Contract Amendment by the Board of Supervisors or the Procurement Director, as required by Section 11.16.010(C) of the Pima County Procurement Code. If the CMAR proceeds with any change involving an increase or decrease in cost or time without written authorization from COUNTY as required by this paragraph, the CMAR hereby waives all rights or claims CMAR may have in connection with or as a result of the change.
- 10.1.3 COUNTY's right to make changes in the Work will not invalidate this Contract, relieve the CMAR of any responsibility, or require the COUNTY to give notice to the Surety. Any requirement of notice to the Surety of a change in the Work is the sole responsibility of CMAR.
- 10.1.4 A Contract Amendment or Change Order is a written instrument issued after execution of the Contract signed by COUNTY and CMAR, stating their agreement upon all of the following:
- a) The scope of the change in the Work;
  - b) The amount of the adjustment, if any, to the GMP; and
  - c) The extent of the adjustment, if any, to the Contract Time(s) for performance set forth in the Contract Documents.
- 10.1.5 All changes in the Work authorized by an Contract Amendment or Change Order will be performed under the applicable terms of the Contract Documents, and COUNTY, and CMAR will negotiate in good faith and as expeditiously as possible on the appropriate adjustments, if any, in Contract Time or GMP. No GMP adjustment on account of a Change Order will include the CMAR's or Subcontractor's profit, fee, home office overhead, or a formula allocation of indirect costs except as allowed in Section 10.3.1 below unless otherwise specifically allowed under these General Conditions.

### **10.2 MINOR CHANGES IN THE WORK**

- 10.2.1 DP may make minor changes in the Work consistent with the intent of the Contract Documents providing such changes do not involve an adjustment in the GMP or Contract Time(s) of performance and do not materially affect or alter the design, quality, or performance. The DP will promptly inform COUNTY, in writing, of any such changes, and verify that CMAR has recorded such changes on the As-Built Documents.

### **10.3 PRICE, TIME, OR SCOPE OF WORK ADJUSTMENT**

- 10.3.1 The cost of or credit to COUNTY resulting from a change in the Work will be determined in one or more of the following ways:
- a) By unit prices stated in the Contract Documents;
-

b) By cost, as defined below, and described in **Appendix C**, properly itemized and supported by sufficient data reduced to meaningful unit prices for each assembled component of the Work in order to facilitate evaluation. Such costs will be itemized by crafts as defined within the Schedule of Values, submitted in a format approved by COUNTY, and limited to items directly allocable to the change in the Work:

- 1) Cost of materials, including delivery;
- 2) Cost of labor, fully-burdened, including, but not limited to, payroll taxes, social security, old age and unemployment insurance, vacation and fringe benefits required by contract or routinely paid by CMAR, and workers' compensation insurance but excluding Subcontractor's labor;
- 3) Rental value of equipment and machinery to be established by rental receipts and not to exceed reasonable and customary rates for the locale of the Work. For owned equipment, CMAR must prove reasonable rental rate pursuant to actual ownership costs. County will not pay for equipment idle time unless the equipment is engaged in County-authorized force account or other time and materials work, and then only for the time it is engaged in such work. When the authorized force account or time and materials work is completed or the equipment ceases to be used for that work, payment for idle time stops;
- 4) As a guideline, on a not-to-exceed ("NTE") percentage of Direct Construction Cost only basis, the following overhead, general conditions and fee percentages will be utilized, and will be fixed as a dollar amount, unless otherwise established in the Contract, or otherwise mutually agreed upon and documented in the Change Order description:

Subcontractor Fee (profit):	5%
Subcontractor Overhead & General Conditions, NTE:	10%
Total Subcontractor Markups, NTE:	15%

CMAR Fee (profit), approximately or as per CMAR Contract:  
5%

CMAR Overhead & General Conditions, NTE or as per CMAR Contract:  
5%

Total CMAR Markups, NTE:	10%
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- 5) The Contract may include provisions for some situations where larger amounts of Overhead and General Conditions are needed to address extenuating site-related circumstances. However, the combined total fee, Profit, Overhead and General Conditions, including the CMAR and all levels or tiers of subcontractors, will not exceed twenty-five percent (25%) of the total direct costs of materials, labor, rental equipment, and subcontractor insurance and bonds.

c. Mutual acceptance of a lump sum properly itemized and supported by sufficient substantiating data to facilitate evaluations; provided that such lump sum will not exceed that amount calculated under (b) above.

10.3.2 Any dispute regarding the pricing methodology or cost of a change does not relieve the CMAR of the obligation to proceed with work on the change. Any such dispute will be preserved by inclusion in the Change Order or Contract Amendment.

10.3.3 A COUNTY-approved written Contract Amendment or Change Order is full and final settlement of all entitlement claims for direct, indirect, delay, disruption, inefficiency, productivity, and any other consequential costs related to items covered or affected, as well as for related delays. CMAR irrevocably waives any such claim not presented for inclusion in the Contract Amendment or Change Order prior to signature.

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- 10.3.4 In the event that COUNTY and the CMAR disagree upon whether CMAR is entitled to be paid for any Change Order services required of CMAR by COUNTY, or as to amount of compensation in the event of any other disagreement over the Scope of Work or proposed changes to the Work, COUNTY and CMAR will resolve all such disagreements consistent initially with Article 10 of these General Conditions and thereafter if not resolved, in accordance with the Dispute Resolution provisions of the Contract. As part of the negotiation process, CMAR will furnish COUNTY and DP with a good faith estimate of the costs to perform the disputed services or Work in accordance with COUNTY's interpretations. If the parties are unable to agree, and COUNTY expects CMAR to promptly perform the services in accordance with COUNTY's or DP's interpretations of the documents, CMAR will proceed to perform the disputed services, conditioned upon COUNTY issuing a written order to CMAR directing CMAR to proceed and specifying COUNTY's or DP's interpretation of the services that are to be performed.
- 10.3.5 The requirements set forth above as to CMAR providing detailed, itemized pricing on subcontractor Change Orders is fully applicable to Change Orders from CMAR to subcontractor where there is no comparable Change Order between COUNTY and CMAR.

#### **10.4 EMERGENCIES**

In any emergency affecting the safety of persons or property, CMAR will promptly act, at its discretion, to prevent threatened damage, injury or loss. Any increase in the Guaranteed Maximum Price or Contract Time(s) of performance or both claimed by CMAR on account of emergency work will be determined as provided in this Article.

#### **ARTICLE 11 – STOP WORK AND TERMINATION**

##### **11.1 COUNTY'S RIGHT TO STOP WORK OR TERMINATE FOR CONVENIENCE**

- 11.1.1 COUNTY at any time may, without cause and for its convenience, order CMAR in writing to stop or suspend the Work, for a period not to exceed sixty (60) calendar days. In that event, CMAR may seek an adjustment of the GMP or Contract Time(s) of performance or both under Article 10 of the General Conditions to the extent that its Work has been adversely impacted by any such suspension or stoppage of the Work by COUNTY, unless actions, omissions or inactions of the CMAR are the cause of the COUNTY stopping or suspending the Work.
- 11.1.2 Upon seven (7) days written notice to CMAR, COUNTY may, without cause and without prejudice to any other right or remedy of COUNTY, elect to terminate the Contract for convenience of the COUNTY. In such case CMAR will be paid (without duplication of any items): a) for completed and accepted Work executed in accordance with Contract Documents prior to the effective date of the termination, including fair and reasonable sums for overhead and profit on such Work; b) for expenses sustained prior to termination in performing services and furnishing labor, materials, and equipment as required by the Contract Documents in connection with uncompleted Work, plus fair and reasonable sums for overhead and profit on such expenses; c) for all claims, costs, losses, and damages incurred in settlement of terminated contracts with subcontractors, suppliers, and others; and d) for reasonable expenses directly attributable to termination.
- 11.1.3 Upon receiving a Notice of Termination for Convenience, the CMAR will proceed as follows: a) stop Work as specified in the Notice; b) place no further subcontracts on purchase orders; c) terminate all subcontracts to the extent they relate to the Work terminated; d) assign to COUNTY all rights of the CMAR under terminated subcontracts, in which case COUNTY has the right to settle or to pay any termination settlement proposal arising out of these terminations; and e) submit complete termination inventory schedules to COUNTY no later than one hundred twenty (120) days from date of the Notice of Termination.

##### **11.2 COUNTY'S RIGHT TO TERMINATE FOR DEFAULT AND PERFORM**

- 11.2.1 If CMAR persistently fails to (a) provide a sufficient number of skilled workers, the materials required by the Construction Documents, or both; (b) comply with applicable legal requirements; (c) pay, without cause, its Subcontractors or suppliers; (d) prosecute the Work with promptness and diligence to ensure that the Work is completed by the Contract Time(s) as may be from time
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to time adjusted; (e) maintain contractor, business, or other required licenses or authority; (f) otherwise perform the Work and its obligations in compliance with the Contract Documents; or (g) if, for any reason, CMAR curtails or ceases business or business operations to a degree that would substantially impair or preclude CMAR's performance of this Contract, COUNTY has the right, in addition to any other rights and remedies provided in the Contract Documents or by law, after seven (7) days' written notice of default to CMAR and its surety and CMAR's (or its surety's) failure to cure within that seven day period, to (i) perform and furnish through itself or through others it selects any such labor, materials, or Work, and to deduct the cost thereof from any monies due or to become due to CMAR under the Contract Documents; or (ii) terminate the Contract with CMAR for all or any portion of the Work, enter upon the premises and take possession, for the purpose of completing the Work, of all materials, equipment scaffolds, tools, appliances, and other items thereon, all of which CMAR hereby transfers, assigns, and sets over to COUNTY for such purpose, and to employ any person or persons to complete the Work and provide all of the required labor, services, materials, equipment, and other items; or (iii) both (i) and (ii) above. Upon exercising its right to Terminate for Default for any reason set forth above, COUNTY, at its discretion, may also exercise the right to have each or any of CMAR's subcontractor and supply contracts assigned to COUNTY, or COUNTY's nominee, provided however, COUNTY will have no responsibility or liability for acts or omission of CMAR under such Contracts and the sole recourse of subcontractors on pre-termination events will be against CMAR. CMAR will ensure that a clause providing for this conditional assignment on the foregoing terms is included in each subcontract.

11.2.2 In the event of such termination for default:

11.2.2.1 CMAR is not entitled to recover any further payment until the Work is completed and will then only be entitled to be paid for all acceptable Work performed prior to its date of default minus costs incurred by COUNTY to complete the Project exceeding the GMP as described below. In the event COUNTY's cost and expense of completing CMAR's Work exceeds the GMP, then CMAR or its surety will promptly pay the difference to COUNTY. Such costs and expense will include not only the cost of completing the Work to the satisfaction of COUNTY and of performing and furnishing all labor, services, tools, equipment and other items required in the Contract Documents, but also losses, damages, costs and expense, including consultant and attorney's fees and expenses incurred in connection with any additional procurement and the defending of claims, if any, arising from or related to CMAR's default.

11.2.2.2 All finished and unfinished As-Builts, shop drawings, documents, data, studies, surveys, drawings, photographs, reports, and other information in whatever form, including electronic, acquired, or prepared by CMAR for this project become COUNTY's property and will be delivered to COUNTY not later than five (5) business days after the effective date of the termination.

11.2.2.3 COUNTY may withhold payments to CMAR arising under this or any other Contract for the purpose of set-off until such time as the exact amount of damage due COUNTY from CMAR is determined.

11.2.3 In the event that COUNTY terminates the Contract for default and such termination is ultimately determined to be improper or wrongful, the termination for default will be automatically converted to a termination for convenience and the provisions of 11.1 of these General Conditions will apply.

11.2.4 If CMAR institutes or has instituted against it a proceeding under the United States Bankruptcy Code, such event is a default that may impair or frustrate CMAR's performance of its obligations under the Contract Documents. Accordingly, if such event of default occurs, COUNTY is entitled to request CMAR, its trustee, or other successor, to provide adequate assurance of future performance. If CMAR or CMAR's trustee, or other successor fails to comply with such request within ten (10) days after receiving notice of the request, COUNTY, in addition to any other rights and remedies provided by the Contract Documents, or by law, is entitled to terminate the Contract. COUNTY will thereupon be entitled to perform and furnish through itself or through others any such labor, materials, or equipment necessary for the completion of the Work and necessary to maintain the Contract Time(s) of performance, and to deduct the costs from any monies due or

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to become due CMAR under the Contract Documents pending receipt of adequate assurances of performance and actual performance in accordance herewith. In the event of any such bankruptcy proceedings, the Contract will terminate if CMAR rejects the Contract or if there has been a default under the Contract Documents, and CMAR is unable to give adequate assurances that it will perform as provided in the Contract Documents or otherwise is unable to comply with the requirements for assuming the Contract under the applicable provisions of the Bankruptcy Code.

### **11.3 CMAR'S RIGHT TO STOP WORK AND TERMINATE FOR CAUSE**

11.3.1 CMAR may, in addition to any other rights afforded it under the Contract Documents or by applicable law, either stop Work or terminate the Contract for cause upon COUNTY's failure to timely pay an amount in excess of one hundred thousand dollars (\$100,000.00) properly due to CMAR under any CMAR Application for Payment. In this regard CMAR will provide COUNTY with written notice indicating that such non-payment condition has occurred, and that it is CMAR's intention to stop Work or terminate the Contract only if the non-payment condition is not cured within seven (7) days from COUNTY's receipt of CMAR's notice. In the event that CMAR elects to only stop Work, it may nonetheless later indicate its intention to terminate the Contract by providing COUNTY with written notice that CMAR will terminate the Contract within seven (7) days from receipt of CMAR's notice; unless the alleged cause of termination is cured in the interim.

11.3.2 In the event CMAR properly and lawfully elects to stop Work under section 11.3.1 for non-payment and then resumes Work, CMAR will be entitled to make a claim for adjustment to the GMP and Contract Time(s) of performance to the extent CMAR has been adversely impacted by the stoppage of Work. In the event that CMAR elects to terminate the Contract on the basis permitted under Section 11.3.1, CMAR will be entitled to recover the same costs it would be permitted to recover had COUNTY terminated this Contract for convenience under Section 11.1 of these General Conditions.

11.4 If the Contract is terminated for any of the reasons set forth above, CMAR's contracts with its subcontractors and suppliers, at COUNTY's option and without further action by CMAR, will be assigned to COUNTY; provided however, that COUNTY will have no liability for any pre-existing acts or omissions or default by CMAR under such contracts and the sole recourse of such subcontractors and suppliers for any such events will be against CMAR.

**End of Appendix 'C' – General Conditions**

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# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
7/20/2018

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).


<b>PRODUCER</b> Hester, Heitel & Associates, Inc 6122 N. 7th Street  Phoenix AZ 85014		<b>CONTACT NAME:</b> Kelly Antrim <b>PHONE (A/C, No., Ext):</b> (602) 230-7726 <b>E-MAIL ADDRESS:</b> kantrim@hesterheitel.com <b>FAX (A/C, No.):</b> (602) 230-7836	
<b>INSURED</b> Dibble & Associates Consulting Engineers, Inc. DBA:Dibble Engineering 7878 N 16th Street, Ste 300 Phoenix AZ 85020-4669		<b>INSURER(S) AFFORDING COVERAGE</b> INSURER A: Valley Forge Insurance Company INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:	
		<b>NAIC #</b> 20508	

**COVERAGES**                      **CERTIFICATE NUMBER:** 17/18 GL/AU/UMB                      **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> <b>COMMERCIAL GENERAL LIABILITY</b> <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER:	X	Y	6021713775	11/1/2017	11/1/2018	EACH OCCURRENCE \$ 2,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 500,000
							MED EXP (Any one person) \$ 10,000
							PERSONAL & ADV INJURY \$ 2,000,000
							GENERAL AGGREGATE \$ 4,000,000
							PRODUCTS - COMP/OP AGG \$ 4,000,000
							\$
A	<input checked="" type="checkbox"/> <b>AUTOMOBILE LIABILITY</b> <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS	X	Y	6045348049	11/1/2017	11/1/2018	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
							BODILY INJURY (Per person) \$
							BODILY INJURY (Per accident) \$
							PROPERTY DAMAGE (Per accident) \$
							\$
A	<input checked="" type="checkbox"/> <b>UMBRELLA LIAB</b> <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 10,000			6045348097	11/1/2017	11/1/2018	EACH OCCURRENCE \$ 5,000,000
							AGGREGATE \$ 5,000,000
							\$
	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A				PER STATUTE    OTH-ER
							E.L. EACH ACCIDENT \$
							E.L. DISEASE - EA EMPLOYEE \$
							E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)  
**NOTE:** Valuable Papers Coverage included up to \$25,000 location specific.  
 Re: Connection of the Fairgrounds WRF to the Conveyance System, Pima Project No. 3FGS17, Dibble Project No. 1018100 (+2 years).  
 Pima County Procurement Department, its departments, districts, boards, commissions, officers, officials, agents and employees are included as additional insured, with respect to the General Liability and Automobile Liability policies, as per attached forms SB146932F 6-16, SB146968B 6-16 & SCA23500D 11-10.  
 General Liability and Automobile Liability policies are Primary and Non-contributory, as per form

<b>CERTIFICATE HOLDER</b> (520) 724-4434                      Jill.Vangundy@pima.gov  Pima County Procurement Department 130 West Congress Street Tucson, AZ 85701	<b>CANCELLATION</b>  SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.  AUTHORIZED REPRESENTATIVE  John Heitel/KELLY 
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## COMMENTS/REMARKS

CNA80103XX 09-14 and CNA71527XX 10-12. Waiver of Subrogation applies to the General Liability and Automobile Liability policies, as per attached forms SB146932 F 6-16 & CA0444 10-13. 30 days Notice of Cancellation applies as per attached form SB147052C 6-16.



**BLANKET ADDITIONAL INSURED  
AND  
LIABILITY EXTENSION ENDORSEMENT**

This endorsement modifies insurance provided under the following:

BUSINESSOWNERS LIABILITY COVERAGE FORM  
BUSINESSOWNERS COMMON POLICY CONDITIONS

<b>TABLE OF CONTENTS</b>
<b>I. Blanket Additional Insured Provisions</b>
<b>A. Additional Insured – Blanket Vendors</b>
<b>B. Miscellaneous Additional Insureds</b>
<b>C. Additional Provisions Pertinent to Additional Insured Coverage</b>
<b>1. Primary – Noncontributory provision</b>
<b>2. Definition of "written contract."</b>
<b>II. Liability Extension Coverages</b>
<b>A. Bodily Injury – Expanded Definition</b>
<b>B. Broad Knowledge of Occurrence</b>
<b>C. Estates, Legal Representatives and Spouses</b>
<b>D. Legal Liability – Damage to Premises</b>
<b>E. Personal and Advertising Injury – Discrimination or Humiliation</b>
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**I. BLANKET ADDITIONAL INSURED PROVISIONS**

**A. ADDITIONAL INSURED – BLANKET VENDORS**

Who Is An Insured is amended to include as an additional insured any person or organization (referred to below as vendor) with whom you agreed under a "written contract" to provide insurance, but only with respect to "bodily injury" or "property damage" arising out of "your products" which are distributed or sold in the regular course of the vendor's business, subject to the following additional exclusions:

1. The insurance afforded the vendor does not apply to:
  - a. "Bodily injury" or "property damage" for which the vendor is obligated to pay damages by reason of the assumption of liability in a contract or agreement. This exclusion does not apply to liability for damages that the vendor would have in the absence of the contract or agreement;
  - b. Any express warranty unauthorized by you;
  - c. Any physical or chemical change in the product made intentionally by the vendor;
  - d. Repackaging, except when unpacked solely for the purpose of inspection, demonstration, testing, or the substitution of parts under instructions from the manufacturer, and then repackaged in the original container;

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- e. Any failure to make such inspections, adjustments, tests or servicing as the vendor has agreed to make or normally undertakes to make in the usual course of business, in connection with the distribution or sale of the products;
  - f. Demonstration, installation, servicing or repair operations, except such operations performed at the vendor's premises in connection with the sale of the product;
  - g. Products which, after distribution or sale by you, have been labeled or relabeled or used as a container, part or ingredient of any other thing or substance by or for the vendor; or
  - h. "Bodily injury" or "property damage" arising out of the sole negligence of the vendor for its own acts or omissions or those of its employees or anyone else acting on its behalf. However, this exclusion does not apply to:
    - (1) The exceptions contained in Subparagraphs d. or f.; or
    - (2) Such inspections, adjustments, tests or servicing as the vendor has agreed to make or normally undertakes to make in the usual course of business, in connection with the distribution or sale of the products.
2. This insurance does not apply to any insured person or organization, from whom you have acquired such products, or any ingredient, part or container, entering into, accompanying or containing such products.
  3. This provision 2. does not apply to any vendor included as an insured by an endorsement issued by us and made a part of this Policy.
  4. This provision 2. does not apply if "bodily injury" or "property damage" included within the "products-completed operations hazard" is excluded either by the provisions of the Policy or by endorsement.

#### B. MISCELLANEOUS ADDITIONAL INSUREDS

1. **Who Is An Insured** is amended to include as an insured any person or organization (called additional insured) described in paragraphs 3.a. through 3.j. below whom you are required to add as an additional insured on this policy under a "written contract":
2. However, subject always to the terms and conditions of this policy, including the limits of insurance, we will not provide the additional insured with:
  - a. A higher limit of insurance than required by such "written contract";
  - b. Coverage broader than required by such "written contract" and in no event greater than that described by the applicable paragraph a. through k. below; or
  - c. Coverage for "bodily injury" or "property damage" included within the "products-completed operations hazard." But this paragraph c. does not apply to the extent coverage for such liability is provided by paragraph 3.j. below.

Any coverage granted by this endorsement shall apply only to the extent permitted by law.

3. Only the following persons or organizations can qualify as additional insureds under this endorsement:

##### a. Controlling Interest

Any persons or organizations with a controlling interest in you but only with respect to their liability arising out of:

- (1) such person or organization's financial control of you; or
- (2) Premises such person or organization owns, maintains or controls while you lease or occupy these premises;

provided that the coverage granted to such additional insureds does not apply to structural alterations, new construction or demolition operations performed by or for such additional insured.

**b. Co-owner of Insured Premises**

A co-owner of a premises co-owned by you and covered under this insurance but only with respect to the co-owners liability for "bodily injury", "property damage" or "personal and advertising injury" as co-owner of such premises.

**c. Grantor of Franchise**

Any person or organization that has granted a franchise to you, but only with respect to such person or organization's liability for "bodily injury", "property damage", or "personal and advertising injury" as grantor of a franchise to you.

**d. Lessor of Equipment**

Any person or organization from whom you lease equipment, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused in whole or in part by your maintenance, operation or use of such equipment, provided that the "occurrence" giving rise to such "bodily injury" or "property damage" or the offense giving rise to such "personal and advertising injury" takes place prior to the termination of such lease.

**e. Lessor of Land**

Any person or organization from whom you lease land, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" arising out of the ownership, maintenance or use of that specific part of the land leased to you, provided that the "occurrence" giving rise to such "bodily injury" or "property damage" or the offense giving rise to such "personal and advertising injury", takes place prior to the termination of such lease. The insurance hereby afforded to the additional insured does not apply to structural alterations, new construction or demolition operations performed by, on behalf of or for such additional insured.

**f. Lessor of Premises**

An owner or lessor of premises leased to you, or such owner or lessor's real estate manager, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" arising out of the ownership, maintenance or use of such part of the premises leased to you, and provided that the "occurrence" giving rise to such "bodily injury" or "property damage" or the offense giving rise to such "personal and advertising injury", takes place prior to the termination of such lease. The insurance hereby afforded to the additional insured does not apply to structural alterations, new construction or demolition operations performed by, on behalf of or for such additional insured.

**g. Mortgagee, Assignee or Receiver**

A mortgagee, assignee or receiver of premises but only with respect to such mortgagee, assignee, or receiver's liability for "bodily injury", "property damage" or "personal and advertising injury" arising out of the ownership, maintenance, or use of a premises by you.

This insurance does not apply to structural alterations, new construction or demolition operations performed by, on behalf of or for such additional insured.

**h. State or Political Subdivisions**

A state or government agency or subdivision or political subdivision that has issued a permit or authorization, but only with respect to such government agency or subdivision or political subdivision's liability for "bodily injury", "property damage" or "personal and advertising injury" arising out of:

- (1) The following hazards in connection with premises you own, rent, or control and to which this insurance applies:
  - (a) The existence, maintenance, repair, construction, erection, or removal of advertising signs, awnings, canopies, cellar entrances, coal holes, driveways, manholes, marquees, hoistaway openings, sidewalk vaults, street banners, or decorations and similar exposures; or
  - (b) The construction, erection, or removal of elevators; or
  - (c) The ownership, maintenance or use of any elevators covered by this insurance; or





(2) The permitted or authorized operations performed by you or on your behalf. But the coverage granted by this paragraph does not apply to:

- (a) "Bodily injury", "property damage" or "personal and advertising injury" arising out of operations performed for the state or government agency or subdivision or political subdivision; or
- (b) "Bodily injury" or "property damage" included within the "products-completed operations hazard."

With respect to this provision's requirement that additional insured status must be requested under a "written contract", we will treat as a "written contract" any governmental permit that requires you to add the governmental entity as an additional insured.

**i. Trade Show Event Lessor**

With respect to your participation in a trade show event as an exhibitor, presenter or displayer, any person or organization whom you are required to include as an additional insured, but only with respect to such person or organization's liability for "bodily injury", "property damage", or "personal and advertising injury" cause by:

- a. Your acts or omissions; or
- b. Acts or omissions of those acting on your behalf;

in the performance of your ongoing operations at the trade show premises during the trade show event.

**j. Other Person or Organization**

Any person or organization who is not an additional insured under paragraphs a. through i. above. Such additional insured is an insured solely for "bodily injury", "property damage" or "personal and advertising injury" for which such additional insured is liable because of your acts or omissions.

The coverage granted by this paragraph does not apply to any person or organization:

- (1) For "bodily injury", "property damage," or "personal and advertising injury" arising out of the rendering or failure to render any professional services;
- (2) For "bodily injury" or "property damage" included in the "products-completed operations hazard." But this provision (2) does not apply to such "bodily injury" or "property damage" if:
  - (a) It is entirely due to your negligence and specifically results from your work for the additional insured which is the subject to the "written contract"; and
  - (b) The "written contract" requires you to make the person or organization an additional insured for such "bodily injury" or "property damage"; or
- (3) Who is afforded additional insured coverage under another endorsement attached to this policy.

**C. ADDITIONAL PROVISIONS PERTINENT TO ADDITIONAL INSURED COVERAGE**

With respect only to additional insured coverage provided under paragraphs A. and B. above:

1. The **BUSINESSOWNERS COMMON POLICY CONDITIONS** are amended to add the following to the Condition entitled **Other Insurance**:

This insurance is excess of all other insurance available to an additional insured whether primary, excess, contingent or on any other basis. However, if a "written contract" requires that this insurance be either primary or primary and noncontributing, then this insurance will be primary and non-contributory relative solely to insurance on which the additional insured is a named insured.

2. Under **Liability and Medical Expense Definitions**, the following definition is added:

"Written contract" means a written contract or agreement that requires you to make a person or organization an additional insured on this policy, provided the contract or agreement:

- a. Is currently in effect or becomes effective during the term of this policy; and
- b. Was executed prior to:

- (1) The "bodily injury" or "property damage"; or
  - (2) The offense that caused the "personal and advertising injury";
- for which the additional insured seeks coverage.

## II. LIABILITY EXTENSION COVERAGES

It is understood and agreed that this endorsement amends the **Businessowners Liability Coverage Form**. If any other endorsement attached to this policy amends any provision also amended by this endorsement, then that other endorsement controls with respect to such provision, and the changes made by this endorsement to such provision do not apply.

### A. Bodily Injury – Expanded Definition

Under **Liability and Medical Expenses Definitions**, the definition of "Bodily injury" is deleted and replaced by the following:

"Bodily injury" means physical injury, sickness or disease sustained by a person, including death, humiliation, shock, mental anguish or mental injury by that person at any time which results as a consequence of the physical injury, sickness or disease.

### B. Broad Knowledge of Occurrence

Under Businessowners Liability Conditions, the Condition entitled Duties In The Event of Occurrence, Offense, Claim or Suit is amended to add the following:

Paragraphs **a.** and **b.** above apply to you or to any additional insured only when such "occurrence," offense, claim or "suit" is known to:

- (1) You or any additional insured that is an individual;
- (2) Any partner, if you or an additional insured is a partnership;
- (3) Any manager, if you or an additional insured is a limited liability company;
- (4) Any "executive officer" or insurance manager, if you or an additional insured is a corporation;
- (5) Any trustee, if you or an additional insured is a trust; or
- (6) Any elected or appointed official, if you or an additional insured is a political subdivision or public entity.

This paragraph applies separately to you and any additional insured.

### C. Estates, Legal Representatives and Spouses

The estates, heirs, legal representatives and spouses of any natural person insured shall also be insured under this policy; provided, however, coverage is afforded to such estates, heirs, legal representatives and spouses only for claims arising solely out of their capacity as such and, in the case of a spouse, where such claim seeks damages from marital common property, jointly held property, or property transferred from such natural person insured to such spouse. No coverage is provided for any act, error or omission of an estate, heir, legal representative or spouse outside the scope of such person's capacity as such, provided however that the spouse of a natural person Named Insured and the spouses of members or partners of joint venture or partnership Named Insureds are insureds with respect to such spouses' acts, errors or omissions in the conduct of the Named Insured's business.

### D. Legal Liability – Damage To Premises

1. Under **B. Exclusions, 1. Applicable to Business Liability Coverage**, Exclusion **k. Damage To Property**, is replaced by the following:

#### k. Damage To Property

"Property damage" to:

1. Property you own, rent or occupy, including any costs or expenses incurred by you, or any other person, organization or entity, for repair, replacement, enhancement, restoration or maintenance of

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such property for any reason, including prevention of injury to a person or damage to another's property;

2. Premises you sell, give away or abandon, if the "property damage" arises out of any part of those premises;
3. Property loaned to you;
4. Personal property in the care, custody or control of the insured;
5. That particular part of any real property on which you or any contractors or subcontractors working directly or indirectly in your behalf are performing operations, if the "property damage" arises out of those operations; or
6. That particular part of any property that must be restored, repaired or replaced because "your work" was incorrectly performed on it.

Paragraph 2 of this exclusion does not apply if the premises are "your work" and were never occupied, rented or held for rental by you.

Paragraphs 1, 3, and 4, of this exclusion do not apply to "property damage" (other than damage by fire or explosion) to premises:

- (1) rented to you;
- (2) temporarily occupied by you with the permission of the owner, or
- (3) to the contents of premises rented to you for a period of 7 or fewer consecutive days.

A separate limit of insurance applies to Damage To Premises Rented To You as described in Section D – Liability and Medical Expenses Limits of Insurance.

Paragraphs 3, 4, 5, and 6 of this exclusion do not apply to liability assumed under a sidetrack agreement.

Paragraph 6 of this exclusion does not apply to "property damage" included in the "products-completed operations hazard."

2. Under **B. Exclusions, 1. Applicable to Business Liability Coverage**, the following paragraph is added, and replaces the similar paragraph, if any, beneath paragraph (14) of the exclusion entitled **Personal and Advertising Injury**:

Exclusions **c, d, e, f, g, h, i, k, l, m, n, and o**, do not apply to damage by fire to premises while rented to you or temporarily occupied by you with permission of the owner or to the contents of premises rented to you for a period of 7 or fewer consecutive days. A separate limit of insurance applies to this coverage as described in **Section D. Liability And Medical Expenses Limits Of Insurance**.

3. The first Paragraph under item 5. **Damage To Premises Rented To You Limit** of the section entitled **Liability And Medical Expenses Limits Of Insurance** is replaced by the following:

The most we will pay under Business Liability for damages because of "property damage" to any one premises, while rented to you or temporarily occupied by you with the permission of the owner, including contents of such premises rented to you for a period of 7 or fewer consecutive days, is the Damage to Premises Rented to You limit shown in the Declaration.

#### **E. Personal and Advertising Injury – Discrimination or Humiliation**

1. Under **Liability and Medical Expenses Definitions**, the definition of "personal and advertising injury" is amended to add the following:
  - h. Discrimination or humiliation that results in injury to the feelings or reputation of a natural person, but only if such discrimination or humiliation is:
    - (1) Not done intentionally by or at the direction of:
      - (a) The insured; or

- (b) Any "executive officer," director, stockholder, partner, member or manager (if you are a limited liability company) of the insured; and
  - (2) Not directly or indirectly related to the employment, prospective employment, past employment or termination of employment of any person or person by any insured.
2. Under **B. Exclusions, 1. Applicable to Business Liability Coverage**, the exclusion entitled **Personal and Advertising Injury** is amended to add the following additional exclusions:
- (15) **Discrimination Relating to Room, Dwelling or Premises**  
Caused by discrimination directly or indirectly related to the sale, rental, lease or sub-lease or prospective sale, rental, lease or sub-lease of any room, dwelling or premises by or at the direction of any insured.
  - (16) **Employment Related Discrimination**  
Discrimination or humiliation directly or indirectly related to the employment, prospective employment, past employment or termination of employment of any person by any insured.
  - (17) **Fines or Penalties**  
Fines or penalties levied or imposed by a governmental entity because of discrimination.
3. This provision (**Personal and Advertising Injury – Discrimination or Humiliation**) does not apply if **Personal and Advertising Injury Liability** is excluded either by the provisions of the Policy or by endorsement.

**F. Personal and Advertising Injury - Broadened Eviction**

Under **Liability and Medical Expenses Definitions**, the definition of "Personal and advertising injury" is amended to delete Paragraph c. and replace it with the following:

- c. The wrongful eviction from, wrongful entry into, or invasion of the right of private occupancy of a room dwelling or premises that a person or organization occupies committed by or on behalf of its owner, landlord or lessor.
- G. Waiver of Subrogation – Blanket**
- We waive any right of recovery we may have against:
- a. Any person or organization with whom you have a written contract that requires such a waiver.

All other terms and conditions of the Policy remain unchanged.

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**IMPORTANT: THIS ENDORSEMENT CONTAINS DUTIES THAT APPLY TO THE ADDITIONAL INSURED IN THE EVENT OF OCCURRENCE, OFFENSE, CLAIM OR SUIT. SEE PARAGRAPH C., OF THIS ENDORSEMENT FOR THESE DUTIES.**

**BLANKET ADDITIONAL INSURED ENDORSEMENT  
WITH PRODUCTS-COMPLETED OPERATIONS COVERAGE  
&  
BLANKET WAIVER OF SUBROGATION**

**Architects, Engineers and Surveyors**

This endorsement modifies insurance provided under the following:

BUSINESSOWNERS LIABILITY COVERAGE FORM  
BUSINESSOWNERS COMMON POLICY CONDITIONS

**A. Who is An Insured** is amended to include as an insured any person or organization whom you are required to add as an additional insured on this policy under a written contract or written agreement; but the written contract or written agreement must be:

1. Currently in effect or becoming effective during the term of this policy; and
2. Executed prior to the:
  - a. "Bodily injury" or "property damage"; or
  - b. Offense that caused the "personal and advertising injury";
 for which the additional insured seeks coverage

**B. The insurance provided to the additional insured is limited as follows:**

1. The person or organization is an additional insured only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused in whole or in part by:
  - a. Your acts or omissions; or
  - b. The acts or omissions of those acting on your behalf, in the performance of your ongoing operations specified in the written contract or written agreement; or
  - c. "Your work" that is specified in the written contract or written agreement, but only for "bodily injury" or "property damage" included in the "products-completed operations hazard", and only if:
    - (1) The written contract or written agreement requires you to provide the additional insured such coverage; and
    - (2) This Coverage Part provides such coverage.
2. The Limits of Insurance applicable to the additional insured are those specified in the written contract or written agreement or in the Declarations of this policy, whichever is less. These Limits of Insurance are inclusive of, and not in addition to, the Limits of Insurance shown in the Declarations.
3. The insurance provided to the additional insured does not apply to "bodily injury", "property damage" or "personal and advertising injury" arising out of an architect's, engineer's, or surveyor's rendering of or failure to render any professional services including:
  - a. The preparing, approving, or failing to prepare or approve maps, shop drawings, opinions, reports, surveys, field orders, change orders or drawings and specifications by any architect, engineer or surveyor performing services on a project of which you serve as construction manager; or
  - b. Inspection, supervision, quality control, engineering or architectural services done by you on a project of which you serve as construction manager.

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4. The insurance provided to the additional insured does not apply to "bodily injury", "property damage" or "personal and advertising injury" arising out of construction or demolition work while you are acting as a construction or demolition contractor.
- C. Under **Businessowners Liability Conditions**, the condition entitled **Duties In The Event of Occurrence, Offense, Claim or Suit** is amended to add the following:

An additional insured under this endorsement will as soon as practicable:

1. Give written notice of an occurrence or an offense to us which may result in a claim or "suit" under this insurance;
2. Tender the defense and indemnity of any claim or "suit" to us for a loss we cover under this Coverage Part;
3. Except as provided for in paragraph **D.2.** below:
  - a. Tender the defense and indemnity of any claim or "suit" to any other insurer which also has insurance for a loss we cover under this Coverage Part; and
  - b. Agree to make available any other insurance which the additional insured has for a loss we cover under this Coverage Part.

We have no duty to defend or indemnify an additional insured under this endorsement until we receive written notice of a claim or "suit" from the additional insured.

- D. With respect only to the insurance provided by this endorsement, the condition entitled **Other Insurance** of the **BUSINESSOWNERS COMMON POLICY CONDITIONS** is amended to delete paragraphs **2.** and **3.** and replace them with the following:

2. This insurance is excess over any other insurance available to the additional insured, whether primary, excess, contingent or on any other basis. But if required by the written contract or written agreement, this insurance will be primary and noncontributory relative to insurance on which the additional insured is a Named Insured.
3. When this insurance is excess, we will have no duty under **Business Liability** insurance to defend the additional insured against any "suit" if any other insurer has a duty to defend the additional insured against that "suit" if no other insurer defends, we will undertake to do so, but we will be entitled to the additional insured's rights against all those other insurers.

When this insurance is excess over other insurance, we will pay only our share of the amount of the loss, if any, that exceeds the sum of:

- (a) The total amount that all such other insurance would pay for the loss in the absence of this insurance; and
- (b) The total of all deductible and self-insured amounts under all that other insurance.

We will share the remaining loss, if any, with any other insurance that is not described in this Excess Insurance provision and was not bought specifically to apply in excess of the Limits of Insurance shown in the Declarations of this Coverage Part.

- E. The condition entitled **Transfer of Rights of Recovery Against Others to Us** of the **BUSINESSOWNERS COMMON POLICY CONDITIONS** is amended to delete paragraph **2.** and replace it with the following:
2. We waive any right of recovery we may have against any person or organization with whom you have agreed to waive such right of recovery in a written contract or agreement because of payments we make for injury or damage arising out of your ongoing operations or "your work" done under a contract with that person or organization and included within the "products-completed operations hazard."

All other terms and conditions of the Policy remain unchanged.

**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.**  
**EXTENDED COVERAGE ENDORSEMENT – BA PLUS**

This endorsement modifies insurance provided under the following:

**BUSINESS AUTO COVERAGE FORM**

**I. LIABILITY COVERAGE**

**A. Who Is An Insured**

The following is added to **Section II, Paragraph A.1., Who Is An Insured:**

1. a. Any incorporated entity of which the Named Insured owns a majority of the voting stock on the date of inception of this Coverage Form; **provided that,**
  - b. The insurance afforded by this provision **A.1.** does not apply to any such entity that is an "insured" under any other liability "policy" providing "auto" coverage.
2. Any organization you newly acquire or form, other than a limited liability company, partnership or joint venture, and over which you maintain majority ownership interest.

The insurance afforded by this provision **A.2.:**

- a. Is effective on the acquisition or formation date, and is afforded only until the end of the policy period of this Coverage Form, or the next anniversary of its inception date, whichever is earlier.
- b. Does not apply to:
  - (1) "Bodily injury" or "property damage" caused by an "accident" that occurred before you acquired or formed the organization; or
  - (2) Any such organization that is an "insured" under any other liability "policy" providing "auto" coverage.
3. Any person or organization that you are obligated to provide insurance where required by a written contract or agreement is an insured, but only with respect to legal responsibility for acts or omissions of a person for whom Liability Coverage is afforded under this policy.
4. An "employee" of yours is an "insured" while operating an "auto" hired or rented under a contract or agreement in that "employee's" name, with your permission, while performing duties related to the conduct of your business.

"Policy," as used in this provision **A. Who Is An Insured**, includes those policies that were in force on the inception date of this Coverage Form but:

1. Which are no longer in force; or
2. Whose limits have been exhausted.

**B. Bail Bonds and Loss of Earnings**

**Section II, Paragraphs A.2.a.(2) and A.2.a.(4)** are revised as follows:

1. In **a.(2)**, the limit for the cost of bail bonds is increased from \$2,000 to \$5,000, and
2. In **a.(4)**, the limit for the loss of earnings is increased from \$250 to \$500 a day.

**C. Fellow Employee**

**Section II, Paragraph B.5** does not apply.

Such coverage as is afforded by this provision C. is excess over any other collectible insurance.

**II. PHYSICAL DAMAGE COVERAGE**

**A. Towing**

**Section III, Paragraph A.2.,** is revised to include Light Trucks up to 10,000 pounds G.V.W.

**B. Glass Breakage – Hitting A Bird Or Animal – Falling Objects Or Missiles**

The following is added to **Section III, Paragraph A.3.:**

With respect to any covered "auto," any deductible shown in the Declarations will not apply to glass breakage if such glass is repaired, in a manner acceptable to us, rather than replaced.

**C. Transportation Expenses**

**Section III, Paragraph A.4.a.** is revised, with respect to transportation expense incurred by you, to provide:

- a. \$60 per day, in lieu of \$20; subject to
- b. \$1,800 maximum, in lieu of \$600.

**D. Loss of Use Expenses**

**Section III, Paragraph A.4.b.** is revised, with respect to loss of use expenses incurred by you, to provide:

- a. \$1,000 maximum, in lieu of \$600.

**E. Personal Property**

The following is added to **Section III, Paragraph A.4.**

c. We will pay up to \$500 for loss to **Personal Property** which is:

- (1) Owned by an "insured"; and

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**(2) In or on the covered "auto."**

This coverage applies only in the event of a total theft of your covered "auto."

This insurance is excess over any other collectible insurance and no deductible applies.

**F. Rental Reimbursement**

The following is added to **Section III, Paragraph A.4.:**

**d. We will pay for rental reimbursement expenses incurred by you for the rental of an "auto" because of "loss" to a covered "auto." Payment applies in addition to the otherwise applicable amount of each coverage you have on a covered "auto." No deductibles apply to this coverage.**

**1. We will pay only for those expenses incurred during the policy period beginning 24 hours after the "loss" and ending, regardless of the policy's expiration, with the lesser of the following number of days:**

- (a) The number of days reasonably required to repair or replace the covered "auto"; or,**
- (b) 15 days.**

**2. Our payment is limited to the lesser of the following amounts:**

- (a) Necessary and actual expenses incurred; or,**
- (b) \$25 per day subject to a maximum of \$375.**

**3. This coverage does not apply while there are spare or reserve "autos" available to you for your operations.**

**4. If "loss" results from the total theft of a covered "auto" of the private passenger type, we will pay under this coverage only that amount of your rental reimbursement expenses which is not already provided for under the Physical Damage Coverage Extension.**

**G. Hired "Autos"**

The following is added to **Section III, Paragraph A.:**

**5. Hired "Autos"**

If Physical Damage coverage is provided under this policy, and such coverage does not extend to Hired Autos, then Physical Damage coverage is extended to:

- a. Any covered "auto" you lease, hire, rent or borrow without a driver; and**
- b. Any covered "auto" hired or rented by your "employee" without a driver, under a contract in that individual "employee's" name, with**

your permission, while performing duties related to the conduct of your business.

**c. The most we will pay for any one "accident" or "loss" is the actual cash value, cost of repair, cost of replacement or \$75,000 whichever is less minus a \$500 deductible for each covered auto. No deductible applies to "loss" caused by fire or lightning.**

**d. The physical damage coverage as is provided by this provision will be limited to the types of physical damage coverage(s) provided on your owned "autos."**

**e. Such physical damage coverage for hired "autos" will:**

**(1) Include loss of use, provided it is the consequence of an "accident" for which the Named Insured is legally liable, and as a result of which a monetary loss is sustained by the leasing or rental concern.**

**(2) Such coverage as is provided by this provision G.e.(1) will be subject to a limit of \$750 per "accident."**

**H. Airbag Coverage**

The following is added to **Section III, Paragraph B.3.**

The accidental discharge of an airbag shall not be considered mechanical breakdown.

**I. Electronic Equipment**

**Section III, Paragraphs B.4.c and B.4.d. are deleted and replaced by the following:**

**c. Physical Damage Coverage on a covered "auto" also applies to "loss" to any permanently installed electronic equipment including its antennas and other accessories**

**d. A \$100 per occurrence deductible applies to the coverage provided by this provision.**

**J. Diminution In Value**

The following is added to **Section III, Paragraph B.6.**

Subject to the following, the "diminution in value" exclusion does not apply to:

**a. Any covered "auto" of the private passenger type you lease, hire, rent or borrow, without a driver for a period of 30 days or less, while performing duties related to the conduct of your business; and**

**b. Any covered "auto" of the private passenger type hired or rented by your "employee" without a driver for a period of 30 days or less, under a contract in that individual**



"employee's" name, with your permission, while performing duties related to the conduct of your business.

- c. Such coverage as is provided by this provision is limited to a "diminution in value" loss arising directly out of accidental damage and not as a result of the failure to make repairs; faulty or incomplete maintenance or repairs; or the installation of substandard parts.
- d. The most we will pay for "loss" to a covered "auto" in any one accident is the lesser of:
  - (1) \$5,000; or
  - (2) 20% of the "auto's" actual cash value (ACV)

### III. Drive Other Car Coverage – Executive Officers

The following is added to **Sections II and III**:

- 1. Any "auto" you don't own, hire or borrow is a covered "auto" for Liability Coverage while being used by, and for Physical Damage Coverage while in the care, custody or control of, any of your "executive officers," except:
  - a. An "auto" owned by that "executive officer" or a member of that person's household; or
  - b. An "auto" used by that "executive officer" while working in a business of selling, servicing, repairing or parking "autos."

Such Liability and/or Physical Damage Coverage as is afforded by this provision will be:

- (1) Equal to the greatest of those coverages afforded any covered "auto"; and
  - (2) Excess over any other collectible insurance.
- 2. For purposes of this provision, "executive officer" means a person holding any of the officer positions created by your charter, constitution, by-laws or any other similar governing document, and, while a resident of the same household, includes that person's spouse.

Such "executive officers" are "insureds" while using a covered "auto" described in this provision.

### IV. BUSINESS AUTO CONDITIONS

#### A. Duties In The Event Of Accident, Claim, Suit Or Loss

The following is added to **Section IV, Paragraph A.2.a.**

- (4) Your "employees" may know of an "accident" or "loss." This will not mean that you have such knowledge, unless such "accident" or "loss" is known to you or if you are not an individual, to any of your executive officers or partners or your insurance manager.

The following is added to **Section IV, Paragraph A.2.b.**

- (6) Your "employees" may know of documents received concerning a claim or "suit." This will not mean that you have such knowledge, unless receipt of such documents is known to you or if you are not an individual, to any of your executive officers or partners or your insurance manager.

#### B. Concealment, Misrepresentation or Fraud

The following is added to **Section IV, Paragraph B.2.**

Your failure to disclose all hazards existing on the date of inception of this Coverage Form shall not prejudice you with respect to the coverage afforded provided such failure or omission is not intentional.

#### C. Policy Period, Coverage Territory

**Section IV, Paragraph B.7.b.(5)** is revised to provide:

- a. 45 days of coverage in lieu of 30 days

### V. DEFINITIONS

**Section V, Paragraph C.** is deleted and replaced by the following:

"Bodily injury" means bodily injury, sickness or disease sustained by a person, including mental anguish, mental injury or death resulting from any of these

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**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.**

**PRIMARY AND NONCONTRIBUTORY-  
OTHER INSURANCE CONDITION**

This endorsement modifies insurance provided under the following:

BUSINESSOWNERS COMMON POLICY CONDITIONS

The following is added to Paragraph H. **Other Insurance** and supersedes any provision to the contrary:

**Primary And Noncontributory Insurance**

This insurance is primary to and will not seek contribution from any other insurance available to an additional insured under your policy provided that:

1. The additional insured is a Named Insured under such other insurance; and
2. You have agreed in writing in a contract or agreement that this insurance would be primary and would not seek contribution from any other insurance available to the additional insured.

All other terms and conditions of the Policy remain unchanged.

**ADDITIONAL INSURED – PRIMARY AND NON-CONTRIBUTORY**

It is understood and agreed that this endorsement amends the **BUSINESS AUTO COVERAGE FORM** as follows:

**SCHEDULE**

<b>Name of Additional Insured Persons Or Organizations</b>
ANY PERSON OR ORGANIZATION THAT YOU ARE REQUIRED BY WRITTEN CONTRACT OR WRITTEN AGREEMENT TO NAME AS AN ADDITIONAL INSURED

1. In conformance with paragraph **A.1.c.** of **Who Is An Insured** of Section II – **LIABILITY COVERAGE**, the person or organization scheduled above is an insured under this policy.
2. The insurance afforded to the additional insured under this policy will apply on a primary and non-contributory basis if you have committed it to be so in a written contract or written agreement executed prior to the date of the "accident" for which the additional insured seeks coverage under this policy.

All other terms and conditions of the Policy remain unchanged.

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**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.**

**WAIVER OF TRANSFER OF RIGHTS OF RECOVERY  
AGAINST OTHERS TO US (WAIVER OF SUBROGATION)**

This endorsement modifies insurance provided under the following:

- AUTO DEALERS COVERAGE FORM
- BUSINESS AUTO COVERAGE FORM
- MOTOR CARRIER COVERAGE FORM

With respect to coverage provided by this endorsement, the provisions of the Coverage Form apply unless modified by the endorsement.

This endorsement changes the policy effective on the inception date of the policy unless another date is indicated below.

<b>Named Insured:</b> Dibble & Associates Consulting Engineers Inc
<b>Endorsement Effective Date:</b> 11/01/2017

**SCHEDULE**

<p><b>Name(s) Of Person(s) Or Organization(s):</b>          ANY PERSON OR ORGANIZATION FOR WHOM          OR WHICH YOU ARE REQUIRED BY WRITTEN          CONTRACT OR AGREEMENT TO OBTAIN THIS          WAIVER FROM US. YOU MUST AGREE TO THAT          REQUIREMENT PRIOR TO LOSS.</p>
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

The **Transfer Of Rights Of Recovery Against Others To Us** condition does not apply to the person(s) or organization(s) shown in the Schedule, but only to the extent that subrogation is waived prior to the "accident" or the "loss" under a contract with that person or organization.

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**CHANGES - NOTICE OF CANCELLATION  
OR MATERIAL COVERAGE CHANGE**

This endorsement modifies insurance provided under the following:

**BUSINESSOWNERS COMMON POLICY CONDITIONS**

In the event of cancellation or material change that reduces or restricts the insurance afforded by this Coverage Part (other than the reduction of aggregate limits through payment of claims), we agree to mail written notice of cancellation or material change at a minimum of thirty (30) days prior to such cancellation or material change, to:

SCHEDULE
Name of Designated Entity: <u>Pima County Procurement Department</u>
Address/Contact Information of Designated Entity: <u>130 West Congress Street, Tucson, AZ 85701.</u>

**\*Information required to complete this Schedule, if not shown above, will be shown in the Declarations.**

The following conditions are added:

1. If the policy is cancelled or not renewed, we will give written notice of such cancellation or nonrenewal to the Designated Entity shown in the Schedule above, or in the Declarations, at a minimum of thirty (30) days prior to such cancellation or nonrenewal. Such notice may be delivered or sent by any means of our choosing. The notice to the Designated Entity will state the effective date of cancellation or nonrenewal. However, such notice of cancellation or nonrenewal is solely for the purpose of informing the Designated Entity of the effective date of cancellation or nonrenewal and does not grant, alter, or extend any rights or obligations under this policy.
2. If we cancel or elect not to renew the policy for any reason other than nonpayment of premium, we will give written notice to the Designated Entity shown in the Schedule above, or in the Declarations, at a minimum of thirty (30) days prior to such cancellation or nonrenewal, at the same time notice is given to the first Named Insured.
3. If we cancel or elect not to renew this policy for nonpayment of premium, we will give written notice to the Designated Entity shown in the Schedule above, or in the Declarations. Such notice may be provided before or after the effective date of cancellation or nonrenewal.
4. Failure to give notice in accordance with the terms of this endorsement does not:
  - a. Alter the effective date of policy cancellation, nonrenewal or expiration;
  - b. Render such cancellation or nonrenewal ineffective;
  - c. Grant, alter, or extend any rights or obligations under this policy; or
  - d. Extend the insurance beyond the effective date of cancellation or policy expiration, whichever comes first.

All other terms and conditions of the Policy remain unchanged.



WORKERS' COMPENSATION

POLICY NUMBER: 84WBGCB5943

INSURED: Dibble & Associates Consulting



**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.**

**WAIVER OF OUR RIGHT TO RECOVER  
FROM OTHERS ENDORSEMENT**

**Policy Number:**

**Endorsement Number:**

**Effective Date:**

Effective hour is the same as stated on the Information Page of the policy.

**Named Insured and Address:**

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule.

This agreement shall not operate directly or indirectly to benefit anyone not named in the Schedule.

**SCHEDULE**

NA

ANY PERSON OR ORGANIZATION  
FROM WHOM YOU ARE REQUIRED BY  
WRITTEN CONTRACT OR AGREEMENT  
TO OBTAIN THIS WAIVER OF  
RIGHTS FROM US.

Countersigned by \_\_\_\_\_

Authorized Representative  
\_\_\_\_\_

