Comprehensive Project and Construction Management Solution RFP 24-01

Questions and Answers

- 1. The functional requirements are heavily focused on document management.
 - a. Is cost management of contracts, change orders, pay apps something that CAW hopes to address with a construction management solution? Answer: Yes, the system is very document heavy and requires a lot of document management functionality. Answer: Yes, we need to be able to create estimates, contracts and process change orders between contractors and our engineers when they occur. A payment app (did not see that in the requirements actually) is a lower priority as we can utilize Paymentus (or our online payment vendor) after we create integrations with Cayenta.
 - b. Are the Chat functions an absolute requirement? Not sure any products provide this

Live Chat functionality is not necessary.

- 2. Data Migration
 - a. What current system does CAW use that we will be migrating data from?

 Answer: Microsoft Access database and some Sql tables.
 - 3. Integrations Requested
 - a. Please provide detailed integration flows, processes and mapping required Answer: We will need to integrate with our Asset management and work order system (Cityworks). Customer management - The system will need to integrate with our customer management system (Cayenta a Harris Product). Process and mapping flow details will be provided later. Future integrations will be with our financial system.
 - 4. What other vendors have registered to bid on this RFP? Unable to provide during RFP process.
 - 5. Has CAW entertained demonstrations of solutions? If so which ones?

 Answer: We have seen Trimble product: eBuilder
 - 6. Can a 3rd party implemented provide a product from a software company and perform the implementation?

Answer: Third party implementation of software products is acceptable.

General question - expected length of time required for the development of the product? -- We are scheduling about an 8–12-month implementation period after we sign contracts Line 29a:

--We would have plenty of space to host on-prem. Yes, we have an existing MSSQL database server.

Line 29b:

--Yes, we have virtual servers that can be used for application and web servers. Windows 2019 Server OS.

Line 80:

a) Do you have specific requirements on how to handle confidential personal information? --We do not have a specific requirement per say, however we are encouraged to follow the Federal Privacy Act of 1974. In the case of job titles and pay estimates, we would take an average of that particular job title and use that to estimate job costs, not actual specific employee data.

Section 1.2: What is CAW's average annual construction spend?

-- Our average construction is \$23 million. That will increase with the Wilson WTP rehab project (at least \$150 million over 4 to 5 years).

Section 2.2: How many internal and external users does CAW anticipate will need access in the system? What type of work are they expected to do?

- --Engineering ~30
- --GIS ~ 5
- --Distribution~10
- --IS~3
- --Finance ~ 2
- --Outside ~ We currently have 385 contractors we are storing in the old system who could potentially need to log into the online portal.

Section 2.3: What ERP system does CAW use? In contract negotiations with a new ERP system. Completion time is two years.

Section 2.3 Integration: What direction will data flow between Cityworks and the new Construction management solution?

--Two way, we will need to bring equipment cost into the system from Cityworks and initiate work orders back into Cityworks.

Section 2.3 Integration: What direction will data flow between Cayenta and the new Construction management solution?

--Two Way, we will be sending information for permit and other fees for payment then acknowledge receipt of payment sent back to the system Contractor person data will be sent from Cayenta to the system and attributes (additions and updates) will be sent back to Cayenta from the system.

Section 2.3 Integration: What direction will data flow between ClearGov and the new Construction management solution? What type of budgeting/accounting information is CAW looking to bring into/out of the system?

--For our integration with accounting, we will need to send hours on jobs to cost to specific projects. We will also send generalized payroll information back to the system from Finance for job costing estimates.

Section 3.5: How would CAW like vendors to acknowledge they meet all of the scope of work and functional requirements?

- --Please create an additional column to the right of column B score according to these criteria:
- -- Cannot provide = 0 points
- --Requires Full Customization =1 points
- --Requires some Configuration = 2 points
- --Feature is Ready out of the box = 3 points
 - Outline the current approach and technologies being used for these functions. Provide 3-5 "pain points" CAW is expecting to resolve with a new system.

- --CAW is currently using an Access Database to manage Construction and capital projects. Pain points include:
- --This is aging technology that will have limited support in the future.
- --Piecemeal construction.
- --Limited or nonexistent integration capabilities.
 - Has CAW met with any potential vendors for this type of system in the last 24 months? If so, which ones?
 - --eBuilder
 - Has this purchase been budgeted for within the current fiscal year? If so, to what level?
 - --Yes, the budget for the project has been approved by CAW Board of Commissioners.

Given an expected start date of Jul 15, when would CAW expect to "go live".

- --8 to 12 months from signing of contracts
- Confirm CAW will not pay for any portion of the system until "Go Live".
- -- Will be determined during contract negotiations.
- Detail level of needs segmented to "construction" vs. "maintenance". Several references are made to "service orders" within RFP, which would typically be managed in a Facility Mgmt System such as CityWorks.
- --Integration with Cityworks for the purpose of sending service orders for various stages of contract work. i.e., set a meter.
- Do Responder's need to complete the "Supplier Information" form within the Bid Invitation?
- --Can to AR Bid website to register, eVendor portal
- 2.2 Elaborate on "c. Must include support both project and long term", specifically "long term"
 - --We need to see the vendors plans for supporting the product in the case of bugs, new configuration, new functionality, patches, and what type of support system is in place for dealing with software or platform issues going forward. How are patches and upgrades communicated and distributed? Can provide product road map.
- 2.3 Functional Requirements how should Respondent respond? Should each
- requirement be responded to with a description of our approach to meet the need?
- --Please create an additional column to the right of column B score according to these criteria:
- ---Cannot provide = 0 points
- ---Requires Full Customization =1 points
- ---Requires some Configuration = 2 points
- ---Feature is Ready out of the box = 3 points

- Pricing define scope of "Data Conversion" in terms of file formats to be provided
- --Data can be supplied in comma delimited format
- Pricing if Responder provides a Report Builder toolkit, no limit to Reports would be applicable. How should this approach be represented in the proposal?
- --Please give the price for the toolkit in a separate line as an optional add-on
- Pricing Permits, need more definition and scope. Quantity of 12 implies 12 different Permits used? Can samples be provided?
- --Currently we have 4 but intend to add more:

 ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT
 APPLICATION FOR UTILITY PERMIT

 Birt1-TO.BE.COMPLETED.BY.UTILITY.OWNER

 NAME: CENTRAL ARKANSAS WATER

 TELEPHONE: 501-223-1552

 ADDRESS: 221 E. CAPITOL AVENUE: P.O. BOX 1789 LITTLE ROCK AR 72203

 The undersigned requests permission to instal or maritain facilities, as described below, located on the agrit of way of Highway No. 365 in Pulsas County, Antarians, reset the Cty of Little Rock

 TYPE AND DESCRIPTION OF FACILITIES:

 WOY 56223

 Town 1

 Working Pressure: plan | Events | Events

The location and	description of the	e proposed	facilities are shown in more	detail on t	the plans attact	hed to this application.
to State Law an under such pern specific terms ar District Engineer	d the applicable no nit shall constitute ad provisions as s	ules and reg full accepta et forth in or	ance of all applicable requir rattached to the permit. All	Arkansas : ements of	State Highway such laws, rule	Commission. Work performed s, regulations, and the
Signature:	Veny l.	100	Na Na	me / Title	Terry Bice, A	ssistant Director of Distribution
Port II - TO DE C	OMPLETED BY.	AHTD DIST	RICT ENGINEER			
Fall II - IO DE C				4-		Section
Amount of Depo	sit Required : \$		Rou	TI G		000001
		No	Payment Cut Approved	Yes _	No	Bridge Attach
Amount of Depo Deposit Enclose		No Yes	Payment Cut Approved	_		
Amount of Depo Deposit Enclose Highway Imrove	d Yes	Yes	Payment Cut Approved	Yes Job Nur	mber	Bridge Attach
Amount of Depo Deposit Enclose Highway Imrove	d Yes ment Proposed?	Yes	Payment Cut Approved	Yes Job Nur	mber	Bridge Attach

Permit No. UD 06-03-131

- Pricing Management Services (first year?): please clarify types of services expected beyond SaaS access. I.e., does CAW want Responder to provide system Administration services for a full year after Go Live"?
- --Assistance with new integrations, new reports, and online forms. We also will need access to the data via SQL server.
- Pricing 50 users: would this count include both internal (employees) and external (contractors) users?
- --50 internal users, internal users only were counted for this: See user details posted in previous responders questions posted on website.
- Funct Reqt's Integration: does CAW expect Respondent to quote a "turn-key" integration price for these components? Detailed analysis is required to fully define scope of work and relative level of effort. Or is CAW simply asking for the integration tools so their IT teams can develop the "turn-key" integrations?
- --Both, we expect integrations to Citywork and Cayenta (billing system) to be built in the scope of this project with the capabilities for CAW to add new integrations later with our new Finance system
- Funct Reqt's Integrations generic reference to "ERP". Which systems is being used by CAW?
 - -- In contract negotiations

- Funct Reqt's Integrations given reference to CityWorks, please elaborate on needs for service orders and/or asset management required within this solution compared to functionality supported via CityWorks.
- --Will need service order initiation from the system to Cityworks and asset pricing from Cityworks to the system for pricing estimates.
 - Has CAW conducted any vendor demonstrations in support of writing the RFP requirements?
 - --We have had one vendor call but RFP requirements were written independently
 of that demonstration
 - Is there a mbe requirement or % accounted for in the scoring?
 - --NA
 - Has CAW established a budget for this Contract and has it been funded?
 -Budget has been approved by Board of Commissioners
 - How many total integration points does CAW anticipate for this implementation?
 - -- We plan to integrate with our current billing system and Cityworks at the present time
 - Will CAW accept bids from vendors with Implementation partners who will bring best practices of industry standards to the table?
 - --implementers will be considered
 - CAW is asking for 50 annual Licenses. Is this the total number of users in the system, or does CAW anticipate additional guest
 - --Engineering ~30
 - --GIS ~ 5
 - --Distribution~10
 - --IS~3
 - --Finance ~ 2
 - --Outside ~ We currently have 385 contractors we are storing in the old system -who could potentially need to log into the online portal.
 - collaborators/contractors/consultants using the system? If so, How many?
 - --Engineering ~30
 - --GIS ~ 5
 - --Distribution~10
 - --IS~3
 - --Finance ~ 2
 - --Outside ~ We currently have 385 contractors we are storing in the old system -- who could potentially need to log into the online portal.
 - What is your version of City Works?
 - -- 15.4.2 is our current version.
 - -- We will be going to CWOL, Cityworks Online also.
 - What is the version of Cayenta?
 - --9.0.1.050

- What is your current system to Manage CIP?
 --Microsoft Access Database
- What is your enterprise reporting software?
 - --PowerBI
- How does CAW plan to manage the change management process to implement a new solution?
 - -CAW will manage changes and risk management, impact analysis and cost analysis.
- Are you planning to hire an Organization Change Management consultant for implementation?
 - Not currently
- What is the source of current files of data migration?
 SQL and Microsoft Access
- Can you explain your current timesheet/time tracking process and the system used to manage it?
 - -manual entries into an access database and excel spreadsheets. Reports are then submitted to the finance department for entry into the financial system.

Vendor Questions:

- 1. The RFP says CAW requires 50 users. What is the user breakdown?
 - a. Internal?
 - b. External?
 - --Engineering ~30
 - --GIŠ ~ 5
 - --Distribution~10
 - --IS~3
 - --Finance ~ 2
 - --Outside ~ We currently have 385 contractors we are storing in the old system who could potentially need to log into the online portal.
- 2. Do you expect contractors to go into the system?
 - -Via online portal
- 3. What is the annual construction spend for CAW?
 - --The CAW financial plan states \$431 million over 5 years.

Please elaborate on what 'online submittal portal for contractors' means to CAW.

- --An online portal where our contractors can log in, upload drawings and documents, and communicate with our staff.
- 4. Please elaborate what 'Ability to broadcast messages' means to CAW.

--In any event such as weather, emergencies, or schedule disruptions for any reason we want to be able to send a message to all staff on the system.

- 5. Please provide examples of reports (10) that would be important for CAW to produce in the system.
 - a. Cost Estimate Report
 - b. Active Engineering Contracts
 - c. Retirement Report
 - d. Construction Start Letter
 - e. Job Status Report
 - f. Main Extension
 - g. Project Close Out Items
 - h. Capital Projects to Date
 - i. Bid Tab Cost Comparison
 - j. Job Costing
- 6. Please provide documents examples for street cut permit apps:

ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT APPLICATION FOR UTILITY PERMIT Part I - TO BE COMPLETED BY UTILITY OWNER NAME: TELEPHONE: CENTRAL ARKANSAS WATER 501-223-1552 ADDRESS: 221 E. CAPITOL AVENUE P.O. BOX 1789 LITTLE ROCK AR 72203 The undersigned requests permission to install or maintain facilities, as described below, located on the right of way of Highway No. 365 in Pulaski County, Arkansas, near the City of wo#: 56223 TYPE AND DESCRIPTION OF FACILITIES: Zone: 1 IN Telephone IN Gas IV Water IN Sewer IN Power IN Television IN Aerial IN Buried IN Parallel M Crossing Design pressure: 200 psi Size Working Pressure: psi Hwy 161 & Chiquito Road N.W. corner of intersection; 24' W of CL & 9' W of road edge of Hwy. 161; 19' N of CL of Location: Chiquito Road; emergency water main repair; worked in shoulder only. The location and description of the proposed facilities are shown in more detail on the plans attached to this application. It is understood and agreed that any installation of work covered by any permit as a result of this application shall be subject to State Law and the applicable rules and regulations prescribed by the Arkansas State Highway Commission. Work performed under such permit shall constitute full acceptance of all applicable requirements of such laws, rules, regulations, and the specific terms and provisions as set forth in or attached to the permit. All work shall be completed to the satisfaction of the Very E. Bin Name / Title Terry Bice, Assistant Director of Distribution Signature: Part II - TO BE COMPLETED BY AHTD DISTRICT ENGINEER Route Section Amount of Deposit Required : \$ No Payment Cut Approved Yes Deposit Enclosed Yes Bridge Attach Yes Highway Imrovement Proposed? No Job Number In situations where the proposed facilities will be located in the ditch line or more than five (5) feet from the right of way line, please explain: Recommended: Date District Engineer District Part III - TO BE COMPLETED BY AHTD UTILITIES SECTIONS 06-03-131 Permit No. UD

Route: 161

Section: 3

Fax: 501-340-5364		ty of North Little t Cut Permit App			rmit Rev / Yes	viewed By
Date of Cut	6/27/2002		Date of C	Completion		7/2/2002
Permit Number 2-02-	002					
Utility Company	CENTRAL ARKANSA	AS WATER				
Cut Location/Address	32 DESOTO					
Barricade Plan Type:	Std Type			Specific	N	/A =
Barricade Plan Reviewed B	y North Little Rock Traffic (Dept.				Signature
Barricade Plan is in Complia	ance with MUTC					Signature
Barricade implementation is	in compliance with MUTC					Signature
Contractor's Bond Posted v	vith City 🔲	Bond Numb	er			
Pavement Type	Gravel	Asphalt		Concrete		
Location of Work	In Pavement	In Curb		Behind Curb	V	
Approximate Size of Cut	DIRT6×8					
Type of Utility Repair/WO#						
Remarks Name and Phone Number of				After Hours and /	Emer	gencies
Name	Phone Nur	nber Re	sponsibility	Yes	No	
1 Dispatch	501-223-1	550 Permit	Application	₹		
2 LaWanna Archer	501-223-1	552 Utility	Cut	2000	\checkmark	
3 Paul Bridges	501-351-1		pair Maintenance	100	⊻	
4 LaWanna Archer	501-223-1		ade Plan		☑	
5 Paul Bridges	501-351-1	950 Barrica	ading		✓	
Lane Closure		If yes, Date Cl	osed			
		Date Opened				
Street Closure		If Yes, Obtain	Public Works Direct	tors OK		
		Date Closed				
		Date Opened				
Authorized Signature for St	treet Closure		P	ublic Works Director	or De	signate.
Lane Closure Fee:	0 at \$10 per day	\$0.00 Pern	nit Fee:	\$20.0	0 ~	

Pulaski Co,

APPLICATION FOR UTILTIY CONSTRUCTION PERMIT PULASKI COUNTY ROAD AND BRIDGE 3200 BROWN STREET LITTLE ROCK, AR 72204

OL.	NTRAL ARK	ANSAS WATER (Charis	ssa Bratcher)	Telephone: (50	1) 223-1552
Address: 53	00 S. SHAC	KLEFORD RD, LITTLE R	ROCK, AR	Zip Code: 722	04
General Descr	iption and locatio	n each road and length:			
No. of bores:			Total contruction in ROW:		
Starting Date :	Tuesday, Ja	anuary 3, 2006	Completion date: Tuesd	lay, January 3, 2	2006
N. I	a issued prior 30	days of the starting date; a final	inspection must be made with	in 15 days of the com	pletion date.
No permit will t	ie issueu piioi su	days of the starting date, a linar	inspection mast be made with		
Special reque	st (Variances, Ro	adway Cuts, Floodplain, etc.): REPAIR; NO STREET C	W0#:		Zone:
Special request EMERGEN The applicant Approval of this	st (Variances, Ro	adway Cuts, Floodplain, etc.): REPAIR; NO STREET Code s and specifications pertaining to way releases applicant from any	WO #:	es with all Pulaski Co	unty ordinances and policie

The design sketch should be drawn to scale as nearly as possible and must include the items listed on the diagram below based on actual field measurements. The proposed work site must be clearly located relative to some point such as cross street or intersection.

Sherwood

City of Sherwood

Street and Right of Way Work Permit

2199 East Kiehl Ave. Sherwood, Arkansas 72120 -3124 (501) 835-4753 Office (501) 835-5811 Fax.

CENTRAL	ARKANSAS WATER	07.2.00						
Address of applic		K OTILITY		07-3-20 Begin Date				
	ACKLEFORD ROAL							
	OCK, AR 72204			7/24/2003				
				Phone				
Work Address:	100 SUMMER SHA	DE LANE						
Contact Person				Phone no. of 0	Contact Person			
				501-223	-1552			
	Work D WATER SERVICE	; DIRT WORK	ONLY 3 X 4					
REPLACE		; DIRT WORK	ONLY 3 X 4					
REPLACE		; DIRT WORK	CONLY 3 X 4	tion Date	Initial			
REPLACE	D WATER SERVICE				Initial			
WO #:	y Restoration Inspection		Final Restora	03	Initial			
WO #: Date of Temporary Temporary Resto	y Restoration Inspection		Final Restora 7/25/200 Permanent R	03				
WO#: Date of Temporary Resto	by Restoration Inspection retion: e Smooth Cut		Final Restora 7/25/200 Permanent R	D3 destoration: Concrete Street r asphalt Street				
WO#: Date of Temporary Resto 24 " Wid 2" Cool I Maxmiur	by Restoration Inspection retion: e Smooth Cut dix Asphalt n 3/4 * Vertical per 4*		Final Restora 7/25/200 Permanent R 8 * for 10 * fo	D3 destoration: Concrete Street asphalt Street ium 3/8/* Vertice				
WO #: Date of Temporary Resto 24 * Wid 2* Cool N Maxmiur Top 6*-	by Restoration Inspection retion: e Smooth Cut		Final Restora 7/25/200 Permanent R	D3 destoration: Concrete Street asphalt Street ium 3/8/* Vertice				

Report Examples: Active Engineering Contracts:

				ACTIVE	ENGINEE	RING CON	TRACTS				
#Neme?											
ROJ NO.	PROJECT/CONTRACTOR	CONTRACT DATE	CONST START	CONTRACT AMOUNT	CHANGE ORDER	PAID TO DATE	AMOUNT REMAINING	PERCENT COMPLETE	REMARKS		
5123	12" WATER MAIN CROSSING OF I-40 NEAR HARRIS ROAD, NLR - 2023/2024 JR. FOX COMPANY, INC.	11/2/2023	11/3/2023	\$768,048.00	\$0.00	\$759,409.31	\$8,638.69	98.88%	4/2/24 - PROJECT TO IMPROVE WATER QUALITY & FIREFLOW ALONG DIAMOND DR, GALLOWAY. NISTALL 12.NOFOL UNDER NITERSTATE 40 THRU A 24" BORE & ENCASEMENT. PROJECT 73% COMPLETE. 24" BORE ACROSS I-40 COMPLETE DON 2/22/24. NEW 12" MAIN IS IN SERVICE (TW).		
5251	2" GALV MAIN REPLACEMENTS - LITTLE ROCK PHASE 1 - 2022 J.R. FOX COMPANY, INC.	3/7/2022	4/28/2022	\$1,085,746.84	\$41,548.00	\$1,000,840.84	\$126,454.00	88.78%	6/30/23 - REPLACE APPROX. 7,000 L.F. OF 2" GA MAINS IN LR - ASHER, ADAMS, WASHINGTON, JOSHUA, LEWIS, W. 14TH, BROWN, ALLIS, JOHNSON, AND W. 13TH. ALL NEW MAINS INSTALLED AND IN SERVICE. FINAL PAY REQUEST SUBMITTED FOR PAYMENT ON 8/2/23 (TW).		
5001	2" GALV MAIN REPLACEMENTS - W. 51, W. 52, CRUTCHER, W. 37, NONA - NLR - DIAMOND CONSTRUCTION CO	12/18/2020	12/18/2020	\$784,000.00	\$44,379.00	\$797,684.40	\$30,694.60	96.29%	2/1/23 WORKING ON CLOSEOUT. DT FINAL PAYMENT 9/16/21		
5319	2" GALV MAIN REPLACEMENTS NORTH LITTLE ROCK 2022 PHASE 3 DIAMOND CONSTRUCTION CO	11/15/2022	1/9/2023	\$1,092,000.00	(\$19,856.00)	\$875,207.44	\$196,936.56	81.63%	10:223 - APPROX. 5,000 L.F. OF 2" GALV MAIN REPLACEMENTS ALONG HWY. 161, E. BROADWAY, DONAGHEY, AND SIERRA CT NORTH LITTLE ROCK. ALL NEW MAINS INSTALLED AND IN SERVICE - FINAL PAY REQUES SUBMITTED FOR PAYMENT ON 8:8:23 (TW)		
5294	2" GALV MAIN REPLACEMENTS NORTH LITTLE ROCK PHASE 2 - 2022 CAW	8/23/2022	3/15/2023	\$956,274.00	(\$36,594.42)	\$916,679.58	\$3,000.00	99.67%	3/1/24 - 2" GALV. MAIN REPLACEMENTS ON WINCREST, JANE AND BAUER IN PULASKI COUNTY; AND PODEROSA DE, PONDEROSA CT, AND CORONADO CIR. IN NORTH LITTLE ROCK (5/00 L F.). ALL NEW MAINS INSTALLED AND IN SERVICE - FINAL PAYMENT SUBMITTED ON 2/32/4 (TW).		
5294	2" GALV MAIN REPLACEMENTS NORTH LITTLE ROCK PHASE 2 - 2022 DIAMOND CONSTRUCTION CO	8/23/2022	3/15/2023	\$956,274.00	(\$36,594.42)	\$916,679.58	\$3,000.00	99.67%	3/1/24 - 2" GALV. MAIN REPLACEMENTS ON WINCREST, JANE AND BAUER IN PULASKI COUNTY; AND PODEROSA DE, PONDEROSA DE, C., AND CORONADO CIR. IN NORTH LITTLE ROCK (5/00 L.F.). ALL NEW MAINS INSTALLED AND IN SERVICE - FINAL PAYMENT SUBMITTED ON 2/23/24 (TW.).		
5401	2" GALV. MAIN REPLACE LITTLE ROCK 2023 PHASE 3 CISNEROS FAMILY CONSTRUCTION	5/30/2023	6/13/2023	\$1,931,499.11	\$0.00	\$1,340,556.22	\$590,942.89	69.40%	REPLACE APPROX. 8,000 LF. OF 2" GALV. MAINS IN LITTLE ROCK NEAR STATE FAIR GROUNDS FOR CITY SUNSET TERRACE DEVELOPMENT AND AREA. 4/2/24 ALL PIPE INSTALLED AND IN SERVICE. FINAL CUT & PLUGS IN PROGRESS. FINAL CLEAN UP IN PROGRESS		

Retirement Report

	CENTRAL ARKANSAS WATER RETIREMENT REPORT	#Name?
JOBNUM: PRO	INUM:	
STATUS QTY UNIT	SIZE MATERIAL NOUN	
REMARKS:		
	t but NOT replaced with new material	
	ground and replaced with new material. ground and NOT replaced with new material.	

Construction Start Letter:



TO: Tunde Fabunmi

CC: Tom Wray

Blake Weindorf Danny Dunn Doug Graham

Distribution Zone Supervisor

Alex Harper Jeanette Glancy

FROM: Jason Lowder DATE: 31 July 2023

RE: APPROVAL TO PROCEED WITH CONSTRUCTION

WHITE OAK CROSSING PH 3

PROJECT: 5458

Signed contracts and all required approvals for the above referenced project have been received and construction may begin upon your receiving 24-hours notice from the contractor or engineer.

Contact the Project Engineer (if applicable) to find out the contractor's name and scheduled start date. Also verify that the appropriate parties have the latest copy of Central Arkansas Water Standard Pipeline Construction Specifications.

The project coordinator should immediately change the status to "A" on the "Project Screen", enter the contractor in the appropriate space and be sure that a job number has been entered. These actions are necessary for the project to be displayed in the "under construction" coverage in ArcView.

An electronic copy of the plans can be found at

\macserver1\wwinfo\ENGINEERING\UNDCON_IMG\5458.TIF

and will be 'hot-linked' to the under construction layer in ArcMap.

Job Status Report:

Engineering Technician Job Status Report										
CG			OF THE							
STATUS	PROJ	DESC	REMARKS	GRID STER_PAS						
A	4858	LAKE MAUNELLE RAW WATERLINE INVESTIGATIONS - 2019	2/28/23 RECEIVED PACKET FROM DISTRIBUTION FOR LATEST ROUND OF CONRETE CAP WORK, WORKING ON PACKET CLOSEOUT, ICG)							
A	4882	LAKE WINONA RWL INVESTIGATION - 2019	2/28/23 RECEIVED PACKET FROM DISTRIBUTION FOR LATEST ROUND OF CONRETE CAP WORK, WORKING ON PACKET CLOSEOUT, (CG)							
A	5395	NEW LIFE CHURCH / 23501 CHENAL PKY / LR	2/15/24 NEW MAIN IS INSTALLED. CONTRACTOR IS CURRENTLY LOOKING FOR A LEAK. (CG)	3/4/200						
A	5406	CARTER LANE ESTATES	2/15/24 NEW WATERLINE IS INSTALLED AND LIVE. STILL WAITING ON FINAL ASBULT. RECORDED FINAL PLAT, ENGINEERS LETTER: & COST	6/15/20						
A	5446	ROSEMARY VILLAS AT CHENAL / 18001 RAHLING RD / LR	2/15/24 PRESSURE TEST PASSED. START SAMPLING ON MONDAY 2/19/24. (CG)	2/22/20						
A	5472	LAKEVEW WEST PHASE IV	3/20/24 WATERLINE CONSTRUCTION IS COMPLETE. NEW MAIN IS TED IN AND FULLY OPERATIONAL. DO NOT RELEASE METERS. (CG)	3/15/200						
c	4702	CANTRELL RD 1-430 WEST TO PLEASANT RIDGE / PULASKI HEIGHTS 12" MAIN RELOCATION / 2019	8/15/23 FILE & POSTING TO JO FOR CLOSEOUT. (CG) 8/21/23 - PINK SHEET & AS-BUILT TO TOU FOR REVIEW (LA) 1/31/24	8/16/20						
С	4792	THE DISTRICT AT MOTOWN / LR	11/14/23 FILE AND POSTING TO JO FOR CLOSEOUT. (AH) 11/20/23 - PINK SHEET & AS-BUILT TO TOU FOR REVIEW (LA)/2/22/24	7/9/20						
c	4996	THE BLAKE AT CHENAL / 2101 RAHLING RD / LR	12/6/23 - COMPLETED CLOSEOUT AND PUT SHEETS IN FOLDER, TURNED INTO JO. (AH)	8/11/20						
c	5059	MERGERON COURT ADDITION	12/7/23 FILE & POSTING TO JO FOR CLOSEOUT. (CG) 12/9/23 - AS-BUILT & PINK SHEET TO TCU FOR REVIEW (LA) 2/26/24	6/17/20						
c	5137	CLR 2019 - BELLA ROSA DR. IMPROVEMENTS	11/21/23 FILE AND POSTING TO J.C. FOR CLOSE OUT. (AH) 2/12/24 ASBULT FORWARD TO DISITCU)							
C	5221	ARKANSAS STATE POLICE HEADQUARTERS - 12" MAIN REPLACE (#1 STATE POLICE PLAZA DRIVE)	4/3/24 FILE & POSTING TO JO FOR CLOSEOUT. (CG)							
С	5281	LAKEVEW WEST PH 3	4/11/24 FILE & POSTING TO JO FOR CLOSEOUT. (CG) 4/15/24 - AS-BUILT & PINK SHEET TO TCU FOR REVIEW (LA)	9/13/20						
С	5373	WHATABURGER / 17100 CHENAL PKY / LR	12/12/23 - FILE AND POSTING TO JO FOR CLOSEOUT. (AH) 12/18/23 - AS-BUILT & PINK SHEET TO TCU FOR REVIEW (LA) 3/18/24	4/6/20						
С	5419	EDGEWOOD PH 1	4/11/24 FILE & POSTING TO JO FOR CLOSEOUT. (CG) 4/15/24 - PINK SHEET & AS-BUILT TO TOU FOR REVIEW (LA)	6/5/20						
с	5450	3223 KAVANAUGH FIRE SERVICE / LR	3/27/24 FILE & POSTING TO JO FOR CLOSEOUT. (CG) 4/1/24 - AS-BUILT & PINK SHEET TO TCU FOR REVIEW (LA)	1/26/20						
С	5452	719 BROOKSIDE DR FIRE SERVICE / LR	3/27/24 FILE & POSTING TO JO FOR CLOSEGUT. (CG) 4/1/24 - PINK SHEET & AS-BUILT TO TCU FOR REVIEW (LA)	2/14/20						
D	5216	CANTRELL RD / I-430 WEST (SAM PECK RD TO TAYLOR LOOP RDI - HWY 10 PHASE 2 RELOCATIONS	8/3/23 CURRENTLY WORKING WITH ARDOT ON PRE-DESIGN 4/1/24 DESIGN WORK BY CAW ENGINEERING CONTINUES.							
D	5475	BAPTIST CAMP RD PARON (SALINE COUNTY) - RELOCATE 150 LF 0F 6" PVC	2/15/24 RELOCATE 150 LF OF 6" PVC THAT BECOMES EXPOSED AFTER HEAVY RAINS. BUDGETED FOR 2024. (CD)							
DISTR	4992	CONCRETE CAP - RAHLING RD 36" INTERMEDIATE DISTRIBUTION MAIN	2/28/23 DISTRIBUTION CURRENTLY HAS PACKET TO POUR PROTECTIVE CONCRETE CAP OVER THE EXISTING 36" WATER MAIN AND WILL ALSO							
15	5051	LAKEVEW WEST - HYDRANT REPLACEMENT	2/15/24 PACKET BACK FROM DISTRIBUTION, CURRENTLY WORKING ON CLOSEOUT, (CG)							
15	5207	KANS AND STEWART ROUNDABOUT, AT DENNY ROAD, LR, FALL 2021	3/27/24 RECEIVED PACKET BACK FROM DISTRIBUTION, CURRENTLY WORKING ON CLOSEOUT. (CG)							

Main Extension:

April 03, 2024

JAMES TKINCANNON 200 MILLWOOD CIR MAUMELLE, AR 72113

RE: MILLWOOD APARTMENTS / 200 MI

CAW PROJECT NO. 5558 / SECTION

Dear JAMES T KINCANNON

You have requested that Central Arkansas Water specify the water distribution facilities required to provide water service to the above captioned properly. Based on information presently available to Central Arkansas Water, the minimum facilities required are shown on the enclosed sketch. The sketch was prepared from office records and is not intended to be design plans. Based on Central Arkansas Water experience, the approximate cost per foot has been as follows:

Applicant's Cost

Construction Cost

	Move-on Cost				\$0.00
45	If 4" CL 50 DI Pipe	@	\$56.00	perfoot	\$2,520.00
1	TS&V, 10X4 Iron Pipe	@	\$2,288.00	each	\$2,288.00
1	4" FS Connection	@	\$1,609.00	each	\$1,609.00
			.,,		.,,

Health Dept Review Fee \$0.00 Meter Cost

Total Applicant's Cost: \$6,417.00

\$8,417.00

CAW Participation

\$0.00 CAW Health Fee

Total Central Arkan sas Water's Cost: \$0.00

Project Close Out Items:

ITEMS NEEDED FOR PROJECT CLOSEOUT

PROJNUM: 0

DESCRIPTION: ENGINEER:

- AS-BUILT CORRECT, COMPLETE AND DRAWINGS SAVED IN ENGERING/DOCUMENTS/PROJECTS FILE
- GPS INFORMATION SHAPE FILE OR COMMA DELIMITED FORMAT
- FINAL PLAT RECORDED
- EASEMENTS IF REQUIRED
- CERTIFIED COST
- INSPECTION CERTIFICATION LETTER
- M DAILY INSPECTION REPORTS (INCLUDING PICTURES AND SKETCHES FOR EACH REPORT)
- BLOCKING FORMS
- PROOF OF PAYMENT TO PROJECT CONTRACTORS, SUBCONTRACTORS AND SUPPLIERS
- FINAL FIXTURE COUNT, IF APPLICABLE

Capital Projects to Date:

Capital	Contracts to Date				
ROJNUM	DESC	CONTRACT_TYPE	CONT_AMT	PD_TO_DATE	T_PD_TO_ENG
52	MABELVALE PIKE, 56TH ST TO GUM SPRI	CAPITAL	\$256,645.00	260485	\$0.00
160	REPL OF MOTOR STATION 14 & REPLACE	CAPITAL	\$126,621.00	133153	\$0.00
318	ASHER, UNIVERSITY TO COL GLENN	CAPITAL	\$1,273,679.21	1273679.21	\$0.00
354	MAIN REPLAREA BOUNDED BY I-630 / M	CAPITAL	\$886,086.00	944701.17	\$0.00
500	FOURCHE DAM PIKE - RICHLAND TO PLA	CAPITAL	\$339,993.00	328024.5	\$0.00
668	RUSSENBURGER RD PH 1	CAPITAL			
702	FAIR PARK - I-630 TO 12TH ST	CAPITAL	\$346,845.00	342462.33	\$15,505.04
703	UNIVERSITY AVE, MARKHAM TO 12TH	CAPITAL	\$376,975.00	415425.5	\$0.00
782	SDWA IMPROVEMENTS TO OZARK & WI	CAPITAL	\$11,104,000.00	10602107.18	\$722,464.09
853	IMPROVEMENT DISTRICT 349 / WEST KA	CAPITAL	\$650,000.00	719039.46	\$84,635.54
868	CYPRESS POINT PH 2 / THE RANCH	CAPITAL	\$42,116.71		\$0.00
1042	GRANDE MAUMELLE SAILING CLUB SEPT	CAPITAL	\$35,150.00	49650	\$500.00
1085	WILSON WTP - PLANT DISCHARGE SETTL	CAPITAL	\$80,300.00	98600	\$0.00
1088	2ND ST, ACXIOM PROPERTY, 6TH ST MAI	CAPITAL	\$513,970.67	633719.63	\$0.00
1090	OZARK POINT - INSTALLATION OF LIME I	CAPITAL	\$72,499.00	72499	\$0.00
1144	WILSON WTP ELEC SWITCHGEAR UPGRA	CAPITAL	\$3,385,583.00	3705124.24	\$0.00
1178	MAUMELLE PS: VALVE #5, LOW PRESSUR	CAPITAL	\$10,924.00	8256.6	\$0.00
1192	RIVER RAIL PROJECT / MELROSE CIRCLE	CAPITAL	\$259,818.00	261963.02	\$0.00
1196	12" AC MAIN REPLACEMENT ARCH ST TC	CAPITAL	\$320,925.00	313230	\$0.00
1234	ENTRY IMPROVEMENTS & FENCING AT \	CAPITAL	\$563,047.00	528414.65	\$0.00
1264	VALMAR ST & BOOKER ST / MAIN REPLA	CAPITAL	\$214,235.00	240304.97	\$0.00
1264	VALMAR ST & BOOKER ST / MAIN REPLA	CAPITAL	\$214,235.00	240304.97	\$0.00
1302	2001 MAINS - CHENAL PKWY(PRIDE VAL	CAPITAL	\$210,998.00	217085.3	\$0.00
1311	LAKE MAUMELLE PUMP PLATFORM	CAPITAL	\$6,733,000.00	7567924.8	\$90,540.63
1210	CITC & DISC LINES BRODIE CREEK BLIMD	CADITAL	Ć1 E0E E7E 00	1564470	¢161 055 00

Bid Tab

NITRAL ARCANSAS WATER																
R), 4, 2022 UNIQUIT ESTIMATE: 2° Calvanised Water Nam Replacements Little Hock 21 (pet 4 5401 — Jole 4 02027	22 (Name 3		CISNEROS HAMILY		DIAMOND CONSTI				NLS CONSTRUCTION		KAJACS		CONTRACTOR AVG		ENGNEEK ESTIMATE	
M MEM DESCRIPTION	ESTINATED QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE	UNIT	TOTAL PRICE	JM, HOX CO. UNIT PRICE	TOTAL	UNIT PRICE	TOTAL PRICE	UNIT	TOTAL PRICE	UNIT	TOTAL PRICE	UNIT	TOTAL PRICE
8" D.J. Pipe and Appurtenances,	2,500	LE.	8100.32	\$250,800.00	8108.00	\$270,000.00	8149.00	\$372,500.00	\$140.00	\$350,000.00	\$165.00	8412,500.00	8132.46	\$331,160.00	8110.00	\$275,000.00
: ADDER to Bid Rem #1 for Rock Trench Exceveting and Pipe Bedding for installation of New 3" D.I. Pipe	500	LF.	\$6.00	\$3,000.00	\$0.01	\$6.00	\$10.00	86,000.00	\$20.00	\$10,000.00	\$1.00	\$600.00	\$7.40	\$3,701.00	\$24.73	\$17,366.67
6" D.I. Pipe and Appurtenances,	2,100	LE.	890.78	\$190,638.00	858.00	\$205,800.00	8141.00	\$296,100.00	\$130.00	\$273,000.00	\$155.00	\$325,500.00	8122.96	\$258,207.60	888.17	8185,157.00
ACCER to Bid item #3 for Rock Trench Exceveting and Pipe Bedding for installation of New 6" D.I. Pipe	500	LF.	86.00	\$3,000.00	\$0.01	\$6.00	\$10.00	\$5,000.00	\$20.00	\$10,000.00	\$1.00	\$600.00	\$7.40	\$3,701.00	\$24.73	\$17,366.67
3" PVC Restrained Joint Pipe and Appurtenances,	3,915	LF.	850.02	8195,828.30	888.00	\$344,520.00	\$103.00	8403,245.00	\$100.00	8391,500.00	\$90.00	\$352,350.00	\$86.20	8337,488.66	862.36	8244,152.45
2" PVC Restrained Joint Pipe and Appurtenances,	60	LF.	838.54	\$2,312.40	\$48.00	\$2,880.00	\$101.00	86,060.00	\$80.00	\$4,800.00	\$75.00	84,500.00	\$68.51	\$4,110.48	\$62.36	\$3,741.80
Trenchiess Installation of and 3' Restrained Joint	2,820	LF.	80.10	\$382.00	90.01	\$38.20	90.50	81,910.00	\$1.00	83,820.00	\$55.00	\$210,100.00	\$11.32	\$43,250.04	98.00	\$30,560.00
PVC Pipe, (ADDER to Bid Item for 3" Restrained Joint PVC Pipe)																
6" Steel Encasement Pipe (0.219" Minimum (Wall Thickness) for New 3" Restrained John PVD Main - Installed Across State Highway Using Simultaneous Dry Auger and Jack, and Appurtenances (Per Detail on Page 15 of the Standard Details),	90	LF.	0 117.71	\$6,886.50	\$420.00	\$21,000.00	8402.00	820,100.00	\$300.00	\$15,000.00	8600.00	\$30,000.00	\$367.94	\$18,397.10	\$410.00	\$20,500.00
8" M.J. x PE Spool Piece and Appurlemences,	1	EA	\$4,171.40	84,171.40	\$2,500.00	\$2,500.00	\$3,520.00	83,520.00	\$3,000.00	\$3,000.00	\$2,500.00	\$3,500.00	83,238.28	\$3,338.28	\$4,213.00	\$4,213.00
6" M.J. x PE Spool with 6" M.J. Cap with 3" Tapped Opening and Appurtenances,	4	EA	84,164.25	816,657.00	\$2,500.00	\$10,000.00	\$3,510.00	814,040.00	\$3,000.00	\$12,000.00	\$3,300.00	813,200.00	83,294.85	\$13,179.40	\$3,104.23	\$12,416.93
6" M.J. x PE Spool with 6" X 6" M.J. Reducer Coening and Appurtenences.	1	EA	\$3,266.50	\$2,386.50	\$3,000.00	\$3,000.00	\$3,172.00	\$3,172.00	\$2,000.00	\$3,000.00	\$2,500.00	- \$3,500.00	83,211.70	\$2,211.70	83,104.23	\$3,104.23
8" Bends - 50 DBG and Less, with Mega-Lug Retainers, Concrete Thrust Blocking, & Apputerances,	5	EA	81,364.54	812,284.46	\$1,250.00	\$11,250.00	\$1,244.00	\$11,196.00	\$1,500.00	\$13,500.00	\$800.00	87,200.00	81,231.79	\$11,086.09	\$1,430.00	\$12,870.00
8' Bends - 50 DEG and Less, with Mega-Lup Retainers & Roddin Stainless Steel Anchor Rods, and Concrete Thrust Blocking. & Apputerances,	5	EA	\$1,725.40	\$8,527.00	81,650.00	\$8,250.00	81,837.00	89,185.00	\$2,500.00	\$12,500.00	\$1,100.00	85,500,00	81,762.48	\$8,812.40	81,580.00	\$7,900.00
6' Bends - 90 DBG and Less, with Mega-Lug Retainers, Concrete Thrust Blocking, & Apputerances,	12	EA	81,220.25	814,643.00	81,000,00	812,000.00	81,068.00	812,816.00	\$1,500.00	\$18,000.00	\$800.00	99,600.00	81,117.65	\$13,411.80	81,054.33	\$12,652.00
6' Bends - 90 DBIG and Less, with Mepa-Lup Relatiners & Roddk Stainless Steel Anchor Rods, and Concrete Thrust Blocking, & Apputenences,	7	EA	\$1,443.00	\$10,101.00	\$1,300.00	\$9,100.00	\$1,524.00	810,688,00	\$2,500.00	\$17,500.00	\$1,000.00	\$7,000.00	\$1,653.40	910,873.80	\$1,162.02	\$0,146.03
8'x8" Anchor Tee with Mega-Lug Reteiner Glands and Standard Concrete Thrust Blocking		EA	\$3,210.00	\$3,210.00	81,625.00	\$1,625.00	\$2,004.00	\$2,004.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,967.00	\$1,967.00	\$2,472.58	\$2,472.50
8'X8" Anchor Tee with 8" X 2" M.J. Plug with 2" Threaded openin Mega-Lug Retainer Glands and Standard Concrete Thrust Blocking	31	EA	84,018.00	\$4,018.00	\$1,500.00	\$1,900.00	82,352.00	\$2,352.00	\$1,500.00	81,600.00	\$1,500.00	\$1,900.00	\$2,354.00	82,354.00	\$2,800.00	\$2,800.00
2" Threaded Brass Bends (2) with One (1) 5" Meximum Length Threaded Brass Bood Flect, Two (2) 3" X 12" Long Threaded X Bevided Brass Spool Plects, Two (2) Henco 3" Couplings with Restrained Joint Knuckles, Standard Concrete Thrust Blocking, and Appurimences	4	L.B.	\$2,959.90	811,839.92	81,675.00	\$6,700.00	82,311.00	89,244.00	\$2,000.00	\$8,000.00	\$1,500.00	86,000.00	\$2,089.20	\$8,356.78	83,460.00	\$13,840.00
2' Threaded Brass Tee with Standard Concrete Thrust Blocking, Three (3) 3' x 12' Long Threaded x Beveled Brass Boot Pecer, Three (3) 3' Heroc Couptings with Restrained John Knuckles, Three (1) 3' X 6' Long Threaded Spool Rects, and Apputenances. (Waltes Messyard Sepositely for Payment)	3	L.B.	\$3,229.20	\$9,687.60	\$1,950.00	\$5,850.00	86,169.00	* \$18,507.00	\$1,500.00	\$4,500.00	\$1,800.00	\$5,400.00	\$2,529.64	\$8,788.52	\$4,500.00	\$13,500.00
3" Threaded Bress Tee with Standard Concrete Thrust Blooding, One (1)" 2" 1" Long Threaded Stevends Bross Spool Recs, One (1)" 2" Herro Coupling with Restrained Restribed John Kinucke, Two (3) 2" X 12" Long Threaded X beveld Spool Recs, Two (2) 1" X 12" Long Threaded X beveld Spool Recs, Two (3) 1" X 1" Bress Threaded Bell Restudes, Two (3) 1" X 2" Bress Threaded Bell Restudes, and Appurtments (Valles Messard Elegander) the Regiment	н	L.B.	83,732.20	\$3,732.20	\$2,750.00	\$2,750.00	\$3,803.00	\$3,803.00	\$3,500.00	\$3,500.00	\$2,500.00	\$2,500.00	\$3,297.04	\$3,257.04	\$5,200.00	\$6,200.00
One (1) 2" Threaded Brass Bend with One (1) 2" X 24" Long Threaded X Beveled Brass Spool Piece, One (1) Hardo 2" Coupling with Restrained Joint Knuckles, One (1) 2" x" F Long breaded 2" Brass Nipple, Standard Concrete Thrist Blocking and Apput Handers.	1	L.8.	\$2,380.00	\$2,380.00	81,000.00	\$1,000.00	81,744.00	81,744.00	\$1,000.00	\$1,000.00	\$1,000.00	81,000.00	81,424.80	\$1,424.80	\$2,780.00	\$2,780.00
t 12" x 6" Tapping Sleeve with 6" RS Gate Valve and Thrust Blocking, and Appurtenances	1	EA	84,597.00	84,597.00	84,795.00	84,795.00	85,767.00	85,767.00	85,000.00	85,000.00	86,000.00	86,000.00	85,231.80	85,231.80	87,800.00	\$7,800.00
12" x 3" Tapping Sleeve with 3" RS Gate Valve and Thrust Blocking, and Appurtenences	1	EA	\$4,458,40	\$4,458.40	84,000.00	84,000,00	\$4,608.00	84,608.00	\$4,500.00	\$4,500.00	\$4,000.00	\$4,000.00	84,313.28	\$4,313.28	85,800.00	\$5,800.00

Job Costing:

