# **MEMO**

## APPROVED 11/4/2024



DATE: October 30, 2024

FROM: Matney M. Ellis

**Procurement Director** 

TO: Board of County Commissioners

SUBJECT: Charge Order 1 – J.E. Dunn Construction Company

At the Board of County Commission meeting on February 5, 2024, an agreement was approved between the Board of County Commissioners of the County of Tulsa, Oklahoma, and J.E. Dunn Construction Company for Preconstruction Phase services for the Tulsa County Courthouse Renovation. Tulsa County agreed to pay fees equal to five percent (5%) of the estimated cost, not exceeding \$196,492.00, CMF #20240200.

We respectfully request the Board of County Commissioners approve Change Order 1 for the above-referenced project to provide Supplemental Funding of Contractor's preconstruction services. Approval of this Change Order will increase the Contract Sum by \$87,855.00 bringing the new Contract Sum to \$284,347.00, as further described in the attached.

Respectfully submitted for your approval and execution.

MME / dcc

SUBMITTED FOR: The November 4, 2024 BOCC meeting agenda.



## J.E. Dunn Construction Company

1001 Locust St Kansas City MO 64106

NO. OWNER001

Page: 1 of 1

Page 1 of 12

			1/2/2	
Title	Supplemental	Funding	of F	Preconstruction

Services

September 27, 2024

Issue Date:

09-27-2024

Project:

TCCH - PJ1354 - CAR, Design, Admin (Precon)

Job:

24009103

To:

**TULSA COUNTY OK** 

Contract:

24009100

218 W 6TH ST STE 210 Phone: 918-596-5000

This Change Order Summary identifies adjustments to the Contract Sum and/or Contract Time of the applicable Contractor for the Potential Change Item (PCI) items set forth below. A summary of the revised Contract Sum for all Contractors, including the adjustments in this Change Order Summary, are attached.

PCI#	Description		Bill Amount
0001	Supplemental Funding of Preconstruction Services		87,855.0
		Total:	87,855.0

The Total of All Original Contract Sums was					196,492.00				
Net Change by Previously Authorized Request	s and Changes	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			0.00				
The Total of All Contract Sums Prior to This Cl	nange Order was				196,492.00				
The Total of All Contract Sums will be Increase	ed				87,855.00				
The New Total of All Contract Sums Including	This Change Ord	ler			284,347.00				
The Contract Time Will Not Be Changed									
The Date of Substantial Completion as of This	The Date of Substantial Completion as of This Change Order therefore is								
Change Order does not include changes in the Control Directive until the cost and time have been agreed up Construction Change Directive.  Not valid unless signed by the required parties	oon by both the Ow		n case a Change O						
RECOMMENDED	AUTHORIZED	Andrew C. Mihelich	APPRO	VED					
J.E. Dunn Construction Company	TULSA COUNT	YOK	Archite	ct					
Signed: 777 000	Signed:	Stan Sallee -12.20	Signed:						
Print: 14701/2 55-W49	Fillit	Michael Wills, Cou	Print:						

24009103 - PJ1354 - CAR, Design, Admin (Precon)

Owner Change Order 001 Supplemental Funding of Preconstruction Services



**J.E. Dunn Construction Company** 1001 Locust St Kansas City MO 64106

September 27, 2024

TULSA COUNTY OK 218 W 6TH ST STE 210 TULSA, OK 74119

RE: TCCH - PJ1354 - CAR, Design, Admin (Precon)

JE Dunn Project No. 24009103 **Potential Change Item No. 0001** 

J.E. Dunn Construction Company is submitting this Potential Change Item No. **0001** for your review and approval. This Potential Change Item provides information on **Supplemental** 

**Funding of Preconstruction Services** 

Refer to attached narrative for additional detail.

Please reference the attached Cost Summary during the review of this proposal.

The above listed change will result in a net change of \$ 87,855.00.

The Project Schedule will be extended by 0 day/s by the Work of this Potential Change Item.

If this proposal is acceptable, please sign in the space provided below and return a signed copy to our office within two (2) weeks from the date of this letter. We will await your direction in writing prior to proceeding. If you have any questions or comments, please call.

Sincerely,

J.E. Dunn Construction

**Taylor Brown** 

Enclosure cc: Job

 $File \,\, (\text{PM,DH, Log}) \, \text{-} \, \text{Pending PCI File}$ 

APPROVED AS TO FORM/ LEGALITY
On the Median

ASSISTANT DISTRICT ATTORNEY

Andrew C. Mihelich

Date: 11/4/2024

Approved:

Attest: Michael Willis County Clark

Michael Willis, County Clerk



## **PCI Estimate Report**

## 24009103 - TCCH - PJ1354 - CAR, Design, Admin (Precon)

PCI 0001 Supplemental Funding of Preconstruction Services

Phase Code	Description	Vendor Name	Total
24009103-01123 - LA	PRECONST SERVICES		87,855.00
		TOTAL	\$ 87,855.00

#### JE DUNN CONSTRUCTION

525 SOUTH MAIN, SUITE 100 TULSA, OK 74103 TEL 918.844.0885

www.jedunn.com

September 27, 2024

Tulsa County Courthouse Renovations

JOB # 2409103 – PJ1354 – CAR, Design, Administration

Potential Change Item (PCI) 001 – Supplemental Funding of Preconstruction Services

### **Summary of Change**

This Change Item provides supplemental funding of Contractor's preconstruction services not to exceed (NTE) amount.

At the time the NTE was established the Owner's Program and Project Scope were not fully defined and therefor the level of effort required to align both project scope and ARPA allocations was not fully understood.

Refer to Article 5. § 5.1 of the dually executed AIA A133 as highlighted below:

#### ARTICLE 5 COMPENSATION AND PAYMENTS FOR PRECONSTRUCTION PHASE SERVICES § 5.1 Compensation

§ 5.1.1 For the Construction Manager's Preconstruction Phase services described in Sections 3.1 and 3.2, the Owner shall compensate the Construction Manager as follows:

(Insert amount of, or basis for, compensation and include a list of reimbursable cost items, as applicable.)

The Owner shall reimburse the Construction Manager on a monthly basis for costs incurred during the Preconstruction Phase in accordance with Article 7, including costs of personnel at the Personnel Rates set forth in the attached Exhibit B. Amounts paid for Preconstruction Phase services will be included in the Guaranteed Maximum Price. At the time this Agreement is executed, Owner's program and budget are still in development. However, the Parties estimate based on the information still in development that the total Preconstruction Phase services will not exceed one hundred ninety-six thousand four hundred ninety-two dollars (\$196,492.00). Owner acknowledges and agrees that this number is an estimate to allow for the allocation of funds for the Preconstruction Phase services and that Construction Manager does not guarantee such services can be delivered within that amount based on the current state of Owner' program and budget.

As outlined in the attached reconciliation of baseline estimation effort cost against actual cost incurred through the DD estimation deliverable (cutoff date 08/16/24), Contractor has incurred an additional \$38,789 of preconstruction services cost compared what was initially contemplated as part of the NTE through DD. As noted in the detailed breakdown by deliverable, of the 1094.5 hours incurred through DD, 476 hours, or approximately 44%, were incurred as part of the extensive value engineering effort to refine and direct the development of the Project's design to align with the ARPA funding allocations.

Understanding the level of effort required through DD to align project scope and ARPA funding allocations, Contractor has updated Its estimated level of efforts required at Construction Documents through GMP execution. These updates include:

Const Document Phase (Rec CDs to Bid Doc Issuance):

- 1. Increase Group Manager 1 hours from 6 to 20
- 2. Increase Sr Project Manager hours from 36 to 56
- 3. Addition of Sr Project Engineer at 20 hours

## GMP Phase (Bid Doc Issuance to GMP Execution):

- 1. Increase Group Manager 1 hours from 6 to 20
- 2. Increase Sr Project Manager hours from 36 to 176
- 3. Addition of Sr Project Engineer at 80 hours
- 4. Increase Superintendent 2 hours from 8 to 32
- 5. Increase General Superintendent hours from 8 to 16
- 6. Increase Estimating Manager hours from 120 to 174

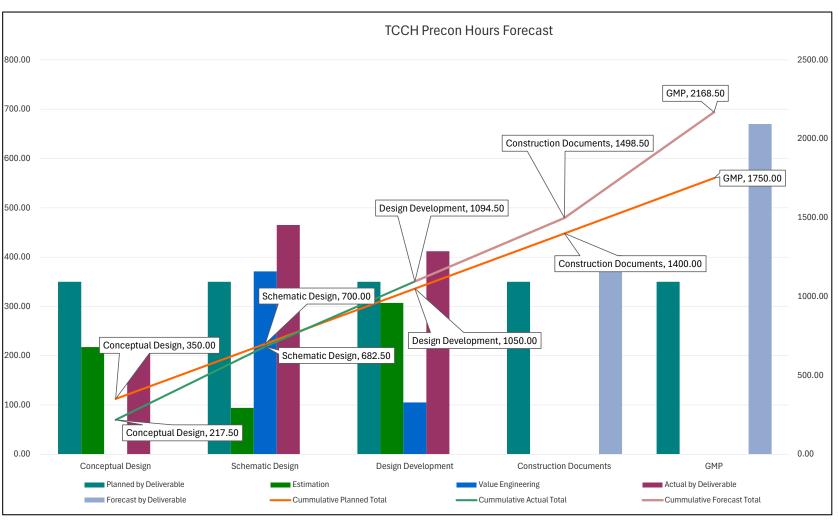
The net impacts of this reconciliation and updates is an increase to the preconstruction services NTE of \$87,855.00.

#### Attachment B: Reconciliation of Preconstruction Services through DD and Updated Forecast to GMP

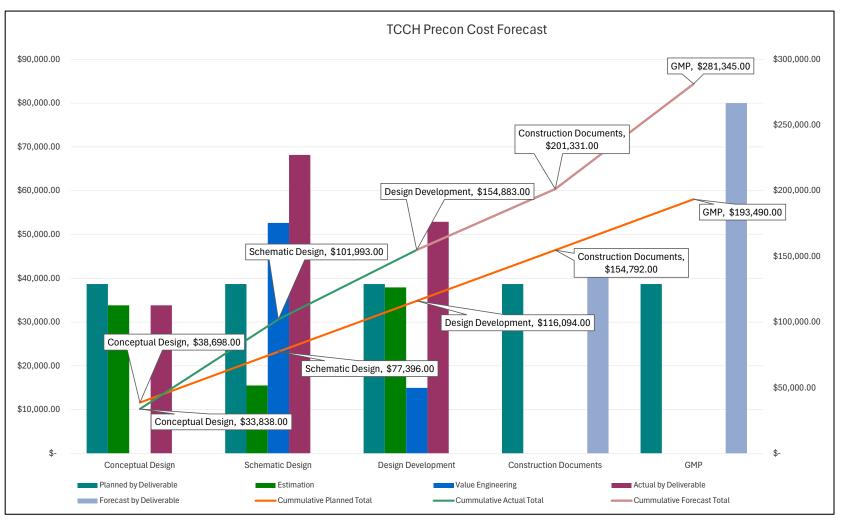
Preconstruction Services Proposal		DELIVER	ADI EC																										
ılsa County Courthouse Renovations ılsa, Oklahoma		DELIVER	KABLES																										
			Est		4/19/2024 B.00		st		5/10/2024	5/13/2024	352.00	7/12/2024		Es	t		7/22/2024	72.	.00	8/2/2024	8/5/2024	80.00	8/16/2024	9/27/2024		10/11/2024			
	Exh B	Conceptu	al Estimate	Conceptu	al Estimate	Schemati	c Estimate	Schemati	c Estimate	SD VE	Efforts	Design Phase Total	Desi	gn Develop	ment Estin	nate	Desi	ign Develo	pment Estin	nate	DD VE I	Efforts	Design Phase Total	Const. Do	cuments	GM	IP	То	otal
Personnel	Rate \$/Hr	Concept	Program	Concept	Program	100% SD	100% SD	100% SD	100% SD	VE Hours	VE Total \$	T Hube Total	50% DD 50	0% DD Total		100% DD Total	50% DD 5	0% DD Total		100% DD Total	VE Hours	VE Total \$	T Hubb Total	95% CD Hours	95% CD Total	GMP Hours	Total GMP \$	Total	Total
perations		Hours	Total \$	Hours	Total \$	Hours	Total \$	Hours	Total \$				Hours	\$	Hours	\$	Hours	\$	Hours	\$					\$			Hours	Cost
Group Manager 1	\$199.00	6.0	\$1,192	60.0	\$11,940	6.0	\$1,192	14.0	\$2,786	72.0	\$14,328	\$17 114	0.0	\$0	6.0	\$1,192	0.0	\$0	40.0	\$7.960	24.0	\$4,776	\$12,736	20.0	\$3,980	20.0	\$3,980	162.0	\$32
roject Director	\$199.00		\$1,192	00.0	\$11,940	0.0	\$1,192	14.0	\$2,700	72.0	\$14,320	\$17,114	0.0	\$0	0.0	\$1,192	0.0	\$0	40.0	\$7,900	24.0	\$4,776	\$12,730	20.0	\$3,900	20.0	\$3,960 \$0	0.0	23.
			\$5,466	EAE		20.0		12.0		72.0	\$10.944	\$12 768	0.0	\$0 \$0	36.0	\$5.466	0.0	\$0	54.0	\$8,208	20.0	\$3.040	\$11.248	56.0	\$8.512	176.0	\$26,752	408.0	\$6:
enior Project Manager	\$152.00		\$5,400	54.5	\$8,284 \$0	36.0	\$5,466	12.0	\$1,824	72.0	\$10,944	\$12,768	0.0	\$0 \$0	36.0	\$5,466	0.0	\$0 \$0	54.0	\$8,208	20.0	\$3,040	\$11,248	56.0	\$8,512	176.0	\$20,752	0.0	\$6.
roject Manager 1	\$122.00		\$0 \$0				\$0 \$0				\$0	\$0		\$0				\$0 \$0				\$0							
enior Project Engineer	\$78.00				\$0				\$0		\$0	\$0	0.0			\$0	0.0			\$0			\$0	20.0	\$1,560	80.0	\$6,240	100.0	\$
Superintendent 2	\$128.00				\$0	8.0	\$890		\$0		\$0	\$0	0.0	\$0	8.0	\$890	0.0	\$0		\$0		\$0	\$0	8.0	\$1,024	32.0	\$4,096	56.0	\$
Seneral Superintendent	\$211.00	8.0	\$1,689		\$0	8.0	\$1,689	22.0	\$4,642		\$0	\$4,642	0.0	\$0	8.0	\$1,689	0.0	\$0	10.0	\$2,110	4.0	\$844	\$2,954	8.0	\$1,688	16.0	\$3,376	66.0	\$1
Subtotals - Operations		58.0	\$9,237	114.5	\$20,224	58.0	\$9,237	48.0	\$9,252	144.0	\$25,272	\$34,524	0.0	\$0	58.0	\$9,237	0.0	\$0	104.0	\$18,278	48.0	\$8,660	\$26,938	112.0	\$16,764	324.0	\$44,444	792.0	\$12
construction																													
stimating Director	\$186.00	16.0	\$2,979	31.0	\$5,766	16.0	\$2,979	16.0	\$2.976	18.0	\$3,348	\$6.324	0.0	\$0	16.0	\$2,979	0.0	\$0		\$0		\$0	\$0	16.0	\$2.976	16.0	\$2,976	98.0	\$1
r. Estimating Manager	\$149.00		\$0		\$0		\$0		\$0		\$0	\$0	0.0	\$0		\$0	0.0	\$0		\$0		\$0	\$0		\$0		\$0	0.0	
stimating Manager	\$109.00	120.0	\$13,104	72.0	\$7.848	120.0	\$13,104	30.0	\$3,270	121.0	\$13,189	\$16 459	0.0	\$0	120.0	\$13,104	0.0	\$0	91.0	\$9.919	49.0	\$5.341	\$15,260	120.0	\$13.080	174.0	\$18,966	734.0	\$8
stimating Engineer	\$78.00			72.0	\$0	120.0	\$9,110	00.0	\$0,270	121.0	\$10,100	\$10,460	0.0	\$0	120.0	\$9,110	0.0	\$0	92.0	\$7,176	40.0	\$0,041	\$7 176	120.0	\$9,360	120.0	\$9.360	480.0	\$3
Subtotals - Preconstruction	\$10.00		\$25,193	103.0	\$13,614			46.0	\$6,246	139.0	\$16,537	\$22,783	0.0	\$0	256.0	\$25,193	0.0	\$0	183.0	\$17,095	49.0	40	\$22,436	256.0	\$25,416	310.0	\$31,302	1,312.0	\$13
pport Staff																													
Scheduler	\$108.00	16.0	\$1,731		\$0	16.0	\$1,731		\$0		\$0	\$0	0.0	\$0	16.0	\$1,731	0.0	\$0		\$0		\$0	\$0	16.0	\$1,728	16.0	\$1,728	64.0	\$6
Safety Engineer	\$103.00		\$0		\$0		\$0		\$0		\$0	\$0	0.0	\$0		\$0	0.0	\$0		\$0		\$0	\$0		\$0		\$0	0.0	
BIM/VDC	\$101.00		\$0		\$0		\$0		\$0	8.0	\$808	\$808	0.0	\$0		\$0	0.0	\$0		\$0		\$0	\$0		\$0		\$0	0.0	
MEP Coordinator	\$127.00	20.0	\$2,538		\$0	20.0	\$2.538		\$0	56.0	\$7,112	\$7,112	0.0	SO.	20.0	\$2,538	0.0	\$0	20.0	\$2,540		\$0	\$2,540	20.0	\$2.540	20.0	\$2.540	80.0	\$1
Quality	\$122.00		\$0		\$0		\$0		\$0	24.0	\$2,928	\$2,928	0.0	\$0		\$0	0.0	\$0		\$0	8.0	\$976	\$976		\$0		\$0	0.0	\$
Administrative Assistant	\$75.00		\$0		\$0		\$0		\$0		\$0	\$0	0.0	\$0		\$0	0.0	\$0		\$0		\$0	\$0		\$0		\$0	0.0	
			\$0		\$0		\$0		\$0		\$0	\$0	0.0	\$0		\$0	0.0	\$0		\$0		\$0	\$0		\$0		\$0	0.0	
Subtotals - Staff		36.0	\$4,268	0.0	\$0	36.0	\$4,268	0.0	\$0	88.0	\$10,848	\$10,848	0.0	\$0	36.0	\$4,268	0.0	\$0	20.0	\$2,540	8.0	\$976	\$3,516	36.0	\$4,268	36.0	\$4,268	144.0	\$2
nsultants																													
Owner/Owner's Rep	\$150.00			0.0	\$0	0.0	\$0	0.0	\$0		\$0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0		\$0	\$0		\$0		\$0	0.0	
iversity Program	\$150.00			0.0	\$0	0.0	\$0	0.0	\$0		\$0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0		\$0	\$0	0.0	\$0	0.0	\$0	0.0	
rchitect	\$150.00			0.0		0.0	\$0	0.0	\$0		\$0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0		\$0	\$0	0.0	\$0	0.0	\$0	0.0	
civil	\$150.00			0.0	\$0	0.0	\$0	0.0	\$0		\$0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0		\$0	\$0	0.0	\$0	0.0	\$0	0.0	
tructural	\$150.00	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0		\$0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0		\$0	\$0	0.0	\$0	0.0	\$0	0.0	
IVAC	\$150.00	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0		\$0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0		\$0	\$0	0.0	\$0	0.0	\$0	0.0	
lumbing	\$150.00	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0		\$0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0		\$0	\$0	0.0	\$0	0.0	\$0	0.0	
lectrical	\$150.00			0.0	\$0	0.0	\$0	0.0	\$0		\$0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0		\$0	\$0	0.0	\$0	0.0	\$0	0.0	
Cummulative Var To Comp	\$150.00	0.0		0.0	\$0	0.0	\$0	0.0	\$0		\$0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0		\$0	\$0	0.0	\$0	0.0	\$0	0.0	
pecial Systems	\$150.00			0.0	\$0	0.0	\$0	0.0	\$0		\$0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0		\$0	\$0	0.0	\$0	0.0	\$0	0.0	
Litchen Consultants	\$150.00	0.0		0.0	\$0	0.0	\$0	0.0	\$0		\$0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0		\$0	\$0	0.0	\$0	0.0	\$0	0.0	
aundry Consultants	\$150.00	0.0		0.0	\$0	0.0	\$0	0.0	\$0		\$0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0		\$0	\$0	0.0	\$0	0.0	\$0	0.0	
Vaterproofing	\$150.00	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0		\$0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0		\$0	\$0	0.0	\$0	0.0	\$0	0.0	
Subtotals - Consultants		0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	\$0	0.0	\$0	0.0	\$0	0.0	
tal Personnel Costs		350.0	\$38,698	217.50	\$33,838	350.0	\$38,698	94.00	\$15,498	371.0	\$52,657	\$68,155	0.0	\$0	350.0	\$38,698	0.00	\$0	307.00	\$37,913	105.0	\$14,977	\$52,890	404.00	\$46,448	670.00	\$80,014		\$286
			Concenti	ual Design					chematic D	esian							Desi	ign Develo	pment					Cons. Do	cuments	GM	IP		\$286
Hours:																		,											
Orginal		I			350.00	1						350.00											350.00		350.00		350.00		

Hours: Orginal Actual To Date Forecast to Complete Variance (Deliverable) Variance (Cummulative) Cost: Original Actual To Date Forecast to Complete	
Actual To Date	
Variance (Deliverable) Variance (Cummulative)	

Conceptual Design	Schematic Design	Design Development	Cons. Documents	GMP
350.00	350.00	350.00	350.00	350.00
217.50	465.00	412.00	404.00	670.00
132.50	-115.00	-62.00	404.00	670.00
132.50		-44.50		
\$38,698	\$38,698	\$38,698	\$38,698	\$38,698
\$33,838	\$68,155	\$52,890		
			\$46,448	\$80,014
\$4,860	(\$29,457)	(\$14,192)	(\$7,750)	(\$41,316)
\$4.860	(\$24,596)	(\$38,788)	(\$46,538)	(\$87,854)



Man Hours	Conceptual Design	Schematic Design	Design Development	Construction Documents	GMP
Planned by Deliverable	350.00	350.00	350.00	350.00	350.00
Cummulative Planned Total	350.00	700.00	1050.00	1400.00	1750.00
Estimation	217.50	94.00	307.00		
Value Engineering		371.00	105.00		
Actual by Deliverable	217.50	465.00	412.00		
Cummulative Actual Total	217.50	682.50	1094.50		
Forecast by Deliverable				404.00	670.00
Cummulative Forecast Total			1094.50	1498.50	2168.50
Cummulative Var To Date	132.50	17.50	(44.50)		
Cummulative Var To Comp				(98.50)	(418.50)



Cost	Conceptual Design	Schematic Design	Design Development	С	construction Documents	GMP
Planned by Deliverable	\$ 38,698.00	\$ 38,698.00	\$ 38,698.00	\$	38,698.00	\$ 38,698.00
Cummulative Planned Total	\$ 38,698.00	\$ 77,396.00	\$ 116,094.00	\$	154,792.00	\$ 193,490.00
Estimation	\$33,838	\$15,498	\$37,913			
Value Engineering		\$52,657	\$14,977			
Actual by Deliverable	\$ 33,838.00	\$ 68,155.00	\$ 52,890.00			
Cummulative Actual Total	\$ 33,838.00	\$ 101,993.00	\$ 154,883.00			
Forecast by Deliverable					\$46,448	\$80,014
Cummulative Forecast Total			\$ 154,883.00	\$	201,331.00	\$ 281,345.00
Cummulative Var To Date	\$ 4,860.00	\$ (24,597.00)	\$ (38,789.00)	)		
Cummulative Var To Comp				\$	(46,539.00)	\$ (87,855.00)

## Preconstruction Services Proposal Tulsa County Courthouse Renovations Tulsa, Oklahoma



	Concept Phase	100% Schematic Estimate	50% Design Develop. Estimate	100% Design Develop. Estimate	95% CD Estimate	Produce GMP	Total
DELIVERABLE COSTS:							
Personnel							
Operations	9,237	9,237	0	9,237	9,237	9,237	46,186
Preconstruction	25,193	25,193	0	25,193	25,193	25,193	125,965
Support Staff	4,268	4,268	0	4,268	4,268	4,268	21,341
Consultants	0	0	0	0	0	0	0
Total Personnel Costs	38,698	38,698	0	38,698	38,698	38,698	193,492
Document Reprographics / Bid Solicitation							
Document Reprographics	0	0	0	0	0	0	0
Postage & Couriers	0	0	0	0	0	0	0
SmartBidNet Fees	0	0	0	0	0	0	0
Total Document / Bid Solicitation Costs	0	0	0	0	0	0	0
TOTAL DELIVERABLE COSTS	38,698	38,698	0	38,698	38,698	38,698	193,492
MEETINGS & WORKSHOPS:							
Design Review Meetings:							
Operations	0	0	0	0	0	0	0
Preconstruction	0	0	0	0	0	0	0
Support Staff	0	0	0	0	0	0	0
Consultants	0	0	0	0	0	0	0
Total Design Review Meetings	0	0	0	0	0	0	0
TOTAL REVIEW MEETINGS							
Travel:							
Estimate / Deliverable	600	600	0	600	600	600	3,000
Design Review Meetings	0	0	0	0	0	0	0
Value Management Workshop							0
Total Travel Expenses	600	600	0	600	600	600	3,000
TOTAL PRECONSTRUCTION SERVICES COSTS	39,298	39,298	0	39,298	39,298	39,298	196,492

## Preconstruction Services Proposal Tulsa County Courthouse Renovations Tulsa, Oklahoma

### DELIVERABLES

				Schematic		De	sign Developme	nt		Const. D	ocuments	G	MP		
Personnel	Rate \$/Hr	Concept	Program	100% SD	100% SD			100% DD	100% DD Total	95% CD	95% CD Total	GMP	Total GMP \$	Total	Total
1 0103111131	*****	Hours	Total \$	Hours	Total \$	Hours	\$	Hours	\$	Hours	\$	Hours	· · · · · · · · · · · · · · · · · · ·	Hours	Costs
Operations															
Group Manager 1	\$198.64	6.0	\$1,192	6.0	\$1,192	0.0	\$0	6.0	\$1,192	6.0	\$1,192	6.0	\$1,192	30.0	\$5,959
Project Director	\$182.00		\$0		\$0	0.0	\$0		\$0		\$0		\$0	0.0	\$0
Senior Project Manager	\$151.84	36.0	\$5,466	36.0	\$5,466	0.0	\$0	36.0	\$5,466	36.0	\$5,466	36.0	\$5,466	180.0	\$27,331
Project Manager 1	\$97.76		\$0		\$0	0.0	\$0		\$0		\$0		\$0	0.0	\$0
Superintendent 2	\$111.28	8.0	\$890	8.0	\$890	0.0	\$0	8.0	\$890	8.0	\$890	8.0	\$890	40.0	\$4,451
General Superintendent	\$211.12	8.0	\$1,689	8.0	\$1,689	0.0	\$0	8.0	\$1,689	8.0	\$1,689	8.0	\$1,689	40.0	\$8,445
Subtotals - Operations		58.0	\$9,237	58.0	\$9,237	0.0	\$0	58.0	\$9,237	58.0	\$9,237	58.0	\$9,237	290.0	\$46,186
Preconstruction															
Estimating Director	\$186.16	16.0	\$2,979	16.0	\$2,979	0.0	\$0	16.0	\$2,979	16.0	\$2,979	16.0	\$2,979	80.0	\$14,893
Sr. Estimating Manager	\$148.72		\$0		\$0	0.0	\$0		\$0		\$0		\$0	0.0	\$0
Estimating Manager	\$109.20	120.0	\$13,104	120.0	\$13,104	0.0	\$0	120.0	\$13,104	120.0	\$13,104	120.0	\$13,104	600.0	\$65,520
Estimating Engineer	\$75.92	120.0	\$9,110	120.0	\$9,110	0.0	\$0	120.0	\$9,110	120.0	\$9,110	120.0	\$9,110	600.0	\$45,552
Subtotals - Preconstruction		256.0	\$25,193	256.0	\$25,193	0.0	\$0	256.0	\$25,193	256.0	\$25,193	256.0	\$25,193	1,280.0	\$125,965
Support Staff															
Scheduler	\$108.16	16.0	\$1,731	16.0	\$1,731	0.0	\$0	16.0	\$1,731	16.0	\$1,731	16.0	\$1,731	80.0	\$8,653
Safety Engineer	\$102.96		\$0		\$0	0.0	\$0		\$0		\$0		\$0	0.0	\$0
BIM	\$100.88		\$0		\$0	0.0	\$0		\$0		\$0		\$0	0.0	\$0
MEP Coordinator	\$126.88	20.0	\$2,538	20.0	\$2,538	0.0	\$0	20.0	\$2,538	20.0	\$2,538	20.0	\$2,538	100.0	\$12,688
Administrative Assistant	\$74.88		\$0		\$0	0.0	\$0		\$0		\$0		\$0	0.0	\$0
			\$0		\$0	0.0	\$0		\$0		\$0		\$0	0.0	\$0
Subtotals - Staff		36.0	\$4,268	36.0	\$4,268	0.0	\$0	36.0	\$4,268	36.0	\$4,268	36.0	\$4,268	180.0	\$21,341
Consultants															
Owner/Owner's Rep	\$150.00	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0		\$0		\$0	0.0	\$0
Diversity Program	\$150.00	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0
Architect	\$150.00	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0
Civil	\$150.00	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0
Structural	\$150.00	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0
HVAC	\$150.00	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0
Plumbing	\$150.00	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0
Electrical	\$150.00	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0
Fire Protection	\$150.00	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0
Special Systems	\$150.00	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0
Kitchen Consultants	\$150.00	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0
Laundry Consultants	\$150.00	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0
Waterproofing	\$150.00	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0
Subtotals - Consultants		0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0	0.0	\$0
Total Personnel Costs			\$38,698		\$38,698		\$0		\$38,698		\$38,698		\$38,698		\$193,492

## Preconstruction Services Proposal Tulsa County Courthouse Renovations Tulsa, Oklahoma

## TRAVEL COSTS

Travel Expense	Airfare	( check rates on-line)		Car Rental			Hotel			Meals			Mileage		Total Tra
	Qty	\$ Tot\$	Qty - Days	\$	Tot\$ Q	Qty - Nights	\$	Tot\$	Qty	\$	Tot\$	Miles	\$	Tot\$	TOTAL
stimate / Deliverables															
Programming Phase	-	\$0		\$100.00	\$0		\$120.00	\$0		\$50.00	\$0	800	\$0.75	\$600	\$6
100% Schematic Design	-	\$0		\$100.00	\$0		\$120.00	\$0		\$50.00	\$0	800	\$0.75	\$600	\$6
50% Design Development	-	\$0		\$100.00	\$0		\$120.00	\$0		\$50.00	\$0		\$0.75	\$0	
100% Design Development	-	\$0		\$100.00	\$0		\$120.00	\$0		\$50.00	\$0	800	\$0.75	\$600	\$6
95% CD Estimate	-	\$0		\$100.00	\$0		\$120.00	\$0		\$50.00	\$0	800	\$0.75	\$600	\$6
GMP Estimate	-	\$0		\$100.00	\$0		\$120.00	\$0		\$50.00	\$0	800	\$0.75	\$600	\$6
Subtotals - Estimate / Deliverables		\$0			\$0			\$0			\$0			\$3,000	\$3,0
esign Review Meetings															
Programming Phase	-	\$0		\$100.00	\$0		\$120.00	\$0		\$50.00	\$0	0	\$0.75	\$0	
100% Schematic Design	-	\$0		\$100.00	\$0		\$120.00	\$0		\$50.00	\$0		\$0.75	\$0	
50% Design Development	-	\$0		\$100.00	\$0		\$120.00	\$0		\$50.00	\$0		\$0.75	\$0	
100% Design Development	-	\$0		\$100.00	\$0		\$120.00	\$0		\$50.00	\$0		\$0.75	\$0	
50% CD Estimate	-	\$0		\$100.00	\$0		\$120.00	\$0		\$50.00	\$0		\$0.75	\$0	
GMP Estimate	-	\$0		\$100.00	\$0		\$120.00	\$0		\$50.00	\$0		\$0.75	\$0	
Subtotals - Design Review Meetings		\$0			\$0			\$0			\$0			\$0	
Other Owner / Team Meetings															
Operations		\$0		\$100.00	\$0		\$120.00	\$0		\$50.00	\$0		\$0.75	\$0	
Preconstruction		\$0		\$100.00	\$0		\$120.00	\$0		\$50.00	\$0	0	\$0.75	\$0	
Support Staff		\$0		\$100.00	\$0		\$120.00	\$0		\$50.00	\$0		\$0.75	\$0	
Consultants		\$0		\$100.00	\$0		\$120.00	\$0		\$50.00	\$0		\$0.75	\$0	
Subtotals - VMW		\$0			\$0			\$0			\$0			\$0	
OTALS															
		\$(	0		\$0			\$0			\$0			\$3,000	\$3

#### Exhibit "B"

### **Preconstruction Services Scope of Work**

#### Schematic Estimate

Attend project team meetings

Detailed construction cost estimate from cost quantity surveys

Identify and track all project cost reduction ideas - Value Engineering Tracker

Periodic updates of ongoing costs and design budget impacts

Preliminary construction durations and schedules

Provide detailed estimate clarifications and assumptions

Value management: Value selection of materials, building systems, equipment and methods of delivery

#### Design Development Estimate

Attend project team meetings

Construction feasibility review

Detailed construction cost estimate from cost quantity surveys

Detailed general conditions cost estimate

Identify all changes to project design and cost scope - Scope / Budget Tracker

Identify and track all project cost reduction ideas - Value Engineering Tracker

Identify the need to purchase long lead items

Monitor availability of materials and labor

Periodic updates of ongoing costs and design budget impacts

Preliminary construction durations and schedules

Provide detailed estimate clarifications and assumptions

Value management: Value selection of materials, building systems, equipment and methods of delivery

#### 95% Construction Documents / Guaranteed Maximum Price

Attend project team meetings

Construction feasibility review

Detailed construction cost estimate from cost quantity surveys

Detailed general conditions cost estimate

Develop Critical Path Method total project schedule

Identify all changes to project design and cost scope - Scope / Budget Tracker

Develop and write Bid Packages to be issued to subcontractors that are bidding the project

Identify and solicit competitive and capable minority and small business trade contractors

Identify and solicit competitive and capable trade contractors

Identify and track all project cost reduction ideas - Value Engineering Tracker

Identify the need to purchase long lead items

Monitor availability of materials and labor

Perform all bidding, scoping and awarding of construction subcontracts and purchase orders

Host Post Bid interviews to review scope and pricing of bids

Periodic updates of ongoing costs and design budget impacts

Provide detailed estimate clarifications and assumptions

Schedule and conduct pre and post bid conferences

Site utilization plans

Submit a Guaranteed Maximum Price for construction

Suggest alternate bids in the construction documents

Value management: Value selection of materials, building systems, equipment and methods of delivery

#### **Additional Services**

Consultation on and development of a Controlled Insurance Program

Building area summary report

Cash flow analysis

Detailed project scheduling

Site logistics planning