

CITY COUNCIL CONFERENCE

**MUNICIPAL BUILDING CONFERENCE ROOM
201 WEST GRAY, NORMAN, OK**

NOVEMBER 27, 2018

5:00 P.M.

- 1. CHANGE ORDER NO. ELEVEN TO CONTRACT K-1617-83: BY AND BETWEEN THE NORMAN MUNICIPAL AUTHORITY AND FLINTCO, L.L.C., INCREASING THE CONTRACT AMOUNT BY \$277,298 FOR A REVISED CONTRACT AMOUNT OF \$26,437,814 FOR FABRICATION AND INSTALLATION OF THE PUBLIC ART PIECE FOR THE NORMAN FORWARD CENTRAL LIBRARY PROJECT.**
- 2. CHANGE ORDER NO. TWO TO CONTRACT K-1819-1: BY AND BETWEEN THE CITY OF NORMAN, THE NORMAN MUNICIPAL AUTHORITY, AND CENTRAL CONTRACTING SERVICES, INC., INCREASING THE CONTRACT AMOUNT BY \$16,393.47 FOR A REVISED CONTRACT AMOUNT OF \$1,563,869.47 TO COMPLETE THE RECYCLING PAD AT THE EAST NORMAN RECYCLING CENTER AS PART OF THE URBAN CONCRETE PAVEMENT STREET MAINTENANCE BOND PROGRAM CONTRACT.**
- 3. CONTINUED DISCUSSION REGARDING A STORMWATER UTILITY AND CAPITAL BOND PROGRAM.**

ITEM 1

**CHANGE ORDER
PUBLIC ART CENTRAL LIBRARY**



City of Norman, OK

Municipal Building
Council Chambers
201 West Gray
Norman, OK 73069

Master

File Number: K-1617-83 CO#11

File ID: K-1617-83 CO#11

Type: Contract

Status: Agenda Ready

Version: 2

Reference:

In Control: City Council

Department: City Manager
Department

Cost: \$277,298.00

File Created: 11/16/2018

File Name: Change Order 11 to Central Library Contract

Final Action:

Title: CHANGE ORDER NO. ELEVEN TO CONTRACT K-1617-83: BY AND BETWEEN THE NORMAN MUNICIPAL AUTHORITY AND FLINTCO, L.L.C. INCREASING THE CONTRACT AMOUNT BY \$277,298 FOR A REVISED CONTRACT AMOUNT OF \$26,437,814 FOR FABRICATION AND INSTALLATION OF THE PUBLIC ART PIECE FOR THE NORMAN FORWARD CENTRAL LIBRARY PROJECT AND BUDGET APPROPRIATION FROM THE NORMAN FORWARD FUND BALANCE.

Notes: ACTION NEEDED: Acting as the Norman Municipal Authority, motion to approve or reject Change Order No. Eleven to Contract K-1617-83 with Flintco, L.L.C., increasing the contract amount by \$277,298 for a revised contract price of \$26,437,814; authorize the execution thereof, and appropriate \$277,298 from Project NFP100, NORMAN FOWARD Public Art Project, Construction (051-9500-452.61-01) to Project NFB016, NORMAN FOWARD Central Library Project, Construction (051-9507-455.61-01). .

ACTION TAKEN: _____

Agenda Date: 11/27/2018

Agenda Number:

Attachments: Change Order 11, Central Library Art Rendering 1 -
October 2018, Central Library Art Rendering 2 -
October 2018

Project Manager: Terry Floyd, Development Coordinator

Entered by: terry.floyd@normanok.gov

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:

Text of Legislative File K-1617-83 CO#11

Body

BACKGROUND: The City of Norman and the Norman Arts Council (NAC) have partnered in projects to install art in public places within the City of Norman. Through this partnership, the NAC has purchased art pieces, and the City provides a location for the piece(s) within public spaces owned by the City of Norman. Funding for the public visual art pieces has come from the Art in Public Places Fund, the Capital Fund and more recently from the NORMAN FORWARD Fund.

With the adoption of NORMAN FORWARD, the City committed to expend an amount not to exceed 1% of the aggregate construction costs of major facilities and community parks improvements costs on public art at those major facilities and parks. Because of the City's positive relationship with the NAC and the NAC's commitment to the sense of community fostered by public art, the NAC has agreed to expand the partnership with the City of Norman to assist with the selection, location, and installation of public art purchased with Norman Forward Sales Tax (NFST) revenue. The terms of this partnership were discussed at the City Council Conference of February 9, 2016 and at the Norman Forward Citizen's Financial Oversight Committee meeting of March 28, 2016.

Paul Cocksedge Studio was selected by the Selection Panel to create a piece of sculpture to be installed at the Central Library Project. The piece has also been approved by the Norman Arts Council and Public Arts Board. The permanent location for the work is proposed to be in the plaza area on the south side of the new Norman Public Library Central in Norman, Oklahoma. A copy of the art rendering is attached and depicts a rendering of the piece in its final design.

At the time of the contract approval in June 2018, it was anticipated that a change order to the Central Library construction contract with Flintco Constructive Solutions, Incorporated would be brought forward for Council/NMA consideration to cover manufacturing and installation services for the artwork, after final design and specifications were completed.

DISCUSSION: The City Council and Norman Municipal Authority (NMA) entered into contract K-1718-137 with Kirkpatrick, Forest, Curtis, (KFC) for the design of the art piece and collaboration with the selected artist (Paul Cocksedge Studio) through construction and installation. Additional engineering services and construction administration from KFC (art piece engineer) were required because of the nature of the art piece to ensure the art piece is properly installed and affixed to the Library building superstructure. The total cost of this contract was \$113,500, \$21,500 of which is attributable to KFC's costs. The Artist's cost will be paid over five payments, with final payment upon final acceptance by the City of Norman. The sculpture is proposed to be completed and installed no later than June 15, 2019. In addition, prior to implementing any changes to the sculpture, the Artist is required to obtain approval from the City of Norman. Final acceptance will be determined solely by the City of Norman. The City of Norman retains the right to subsequently remove the work if it presents a safety hazard or cannot be reasonably restored to its original structural or aesthetic integrity.

On April 25, 2017 the NMA/Council entered into Contract K-1617-83 with Flintco Constructive Solutions, LLC for the construction of the new Norman Public Library, Central Branch. Due to the nature of the selected public art piece being a fixture of the building and Flintco's expertise in constructing similar art pieces affixed to building structures, it was determined that the best method for the fabrication and installation of the art piece was through a change order to the Flintco construction contract. The public art portion of the contract will be paid from the public art allocation in the NFST Fund.

Proposed CO#11 will increase the amount of Contract K-1617-83 by \$277,289, from \$26,160,525 to \$26,437,814 (+1.06%). Previous administrative change orders to Contract 1617-89 are briefly described below.

- Change Order No. One in the amount of \$36,033 was approved by the City Manager on August 29, 2017, providing additional pier depth drilling, concrete, reinforcement, and labor and adding three (3) calendar days to the contract.
- Change Order No. Two in the amount of \$33,245 was approved by the City Manager on October 9, 2017 as a result of changes to electrical, fire suppression, steel and geothermal wellfield pump locations due to the relocation of the City's new fiber optic line feed into the east side of the building, adjustment of geothermal well depths and layout, and relocation of the backflow preventer. Seven (7) weather delay days are also requested by the contractor due to wet weather conditions at the site.
- Change Order No. Three in the amount of \$31,302 was approved by the City Manager on November 28, 2017. This change order included the relocation of a generator connection needed for temporary generator service for future emergency power, if needed. Pumping of stormwater from the site was also needed due to the ongoing work still pending for the James Garner Intersection Project. Steel reinforcements for decorative concrete were added to replace fiber mesh in the plaza area. An additional seven (7) weather days were needed due to wet weather conditions at the site.

- Change Order No. Four in the amount of \$36,588 was approved by the City Manager on January 15, 2018. This change order is necessary because of changes incurred related to adjustments in locations, product/construction clarifications, and associated work for structural steel joist adjustments, mechanical system and electrical panel board revisions, and adjustments to landscaping and plumbing fixtures. The total contract amount after all change order is increased to \$25,995,168.
- Change Order No. Five increasing the contract amount by \$22,088 was approved by the City Manager on February 28, 2018. This change order was necessitated by field changes incurred for a number of items related to structural steel column lengths, a change in electrical boxes due to discontinuation of specified model, added light pole elements to accommodate future security camera placement, additional electrical work to accommodate the 24-hour library, additional bracing for the sail shade at the third floor balcony area. One (1) weather delay day was requested by the contractor and approved for this Change Order due to high winds that affected the placement of structural steel and associated work on the 2nd and 3rd stories.
- Change Order No. Six increasing the contract amount by \$21,602 was approved by the City Manager on April 17, 2018. Change Order No. Six included additional work associated for structural steel joist adjustments, mechanical system revisions, electrical panel board revisions, landscape adjustments, and plumbing fixtures.
- Change Order No. Seven in the amount of \$23,717 was approved by the City Manager on June 18, 2018. The change order provided protective metal panels for recessed lights in the north covered walkway, millwork revisions for self-check kiosks, transition strips for air barrier/weather barrier on building exterior; additional bike racks added for LEED certification points; and sheet and brick revisions for exterior and interior elements of the building.
- Change Order No. Eight was approved by the City Manager on July 31, 2018, in the amount of \$25,052. The change order provided protective metal panels for slab cutting for Central Library curtain wall system; roofing work related to the moisture dam for the curtain wall system; work related to the ladder clearance for elevator pit; steel tariff impacts for steel in the underfloor system slab; brick support for transition areas in the staff lounge area to the curtain wall on the third floor to ensure structural integrity; addition of fire-rated fabric in children's area alcoves for fire rating requirements and revision to the add TPO roofing material to the roof parapet area to ensure warranty is maintained.
- Change Order No. Nine in the amount of \$33,554 was approved by the City Manager on August 14, 2018. The change order provided for coordination and work associated with building modifications needed for the building structural elements for the Public Art piece, revisions needed to the steel structure for third-level skylight, stormwater pumping during the project needed due to a lack of stormwater piping during the course of the project (now resolved with the stormwater pipe installed as part of the James Garner Avenue Intersection project), and additional added concrete pedestals to ensure structural stability of restroom elements on Levels 2 & 3.
- Change Order No. 10 in the amount of \$39,344. This change order allowed for modifications to accommodate the building code for lighting on the north covered walkway, provided a credit due to a modification in wall painting, added a sealant addition to ensure air seal for the access floor plenum to increase air distribution and system integrity, provided for inclusion of gyp board to accommodate building code near the elevator ledge, 5) increased amperage for a dryer in the building, made modifications to the roof slope to ensure proper roof drainage to roof drains and scuppers, and provided for a revision to the mezzanine ladder to access the mechanical room

The proposed Change Order No. 11, although an increase to the construction contract, will not impact the Central Library (Project NFB016) budget. An appropriation from NORMAN FORWARD Fund balance (account 051-0000-253.20-00) to the Norman Forward Public Arts Project, Construction (account 051-9500-452.61-01; project NFP100) in the amount of \$277,298 is being requested to fund this change order and subsequent fabrication and installation of the art piece. The budgeted public art allocation for the Central Library project is adequate to cover this change order amount.

RECOMMENDATION: It is recommended that the Council/NMA approve Change Order No. Eleven to Contract K-1617-83 with Flintco, LLC, increasing the contract amount by \$277,298 for a revised contract amount of \$26,437,814 and authorizing an appropriation of \$277,298 of NORMAN FORWARD Fund balance (account 051-0000-253.20-00) to Norman Forward Public Art, Construction (account 051-9500-452.61-01) to fund

construction of a new Norman Public Library, Central art piece.

CHANGE ORDER SUMMARY
CITY OF NORMAN
CLEVELAND COUNTY, OKLAHOMA

CHANGE ORDER NO.: 11

DATE: 11-16-18

CONTRACT NO.: K-1617-83

SUBMITTED BY: Terry Floyd

PROJECT: NORMAN FORWARD CENTRAL LIBRARY(NFB 016)

CONTRACTOR: Flintco, LLC

(Name)

2302 S. Prospect

OKC, OK 73129

ORIGINAL CONTRACT AMOUNT \$ 25,858,00

(Increase) this change order 0 Calendar days

DESCRIPTION	DECREASE	INCREASE
See Page 3-Change Order Detail		

NET CHANGE

\$ \$277,298

REVISED CONTRACT AMOUNT

\$ 26,398,479

CONTRACTOR: *[Signature]* Kristine Winchester

DATE: 11/16/18

ENGINEER: *[Signature]* Ola Kuzgaitis

DATE: 11/16/18

PROJECT MGR.: _____

DATE: _____

CITY ATTORNEY: _____

DATE: _____

ACCEPTED BY: _____

DATE: _____



CHANGE ORDER REQUEST: PCO

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Project Name Norman Central Library
 Flintco Job # 17039


City of Norman Contract number K-1617-83

TO: Terry Floyd Norman Municipal Authority 201 West Gray Norman, Ok 73070	Subject: Public Art
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In Accordance with our contract agreement, for your review and acceptance, we submit this cost proposal		NTP DATE: COR Date: 11/15/2018
SUMMARY	<p>The Scope of Work originally set forth in Contract No. K-1617-83 is expanded with this change order to include the following:</p> <ul style="list-style-type: none"> a. Fabrication of the Library Art Piece <ul style="list-style-type: none"> i. Coordination with KFC to review construction drawings and specifications ii. Fabrication of all components, including rolled metal sheets, connecting wires and fittings, mast and backstay cables, cable net and building connections in accordance with the construction drawings and specifications for the Library Art Piece . b. Site Preparation - Installation of site foundations for the Library Art Piece c. Installation of Library Art Piece in accordance with all plans and specifications . d. Installation of lighting for the Library Art Piece in coordination with other planned lighting for the Project . <p>This coordination does not commit Flintco to the design of the Art nor any associated design for elements attached to the original structure . Final acceptance (CO execution date) to be completed by 12/11/2019 so fabrication and installation call all be complete within Flintco's current contract end date of 7/15/2019. Agreed upon schedule listed below.</p> <ul style="list-style-type: none"> a. 12/11/18 – Formal change order signed City/ Council b. 12/30/18 - Shop drawings complete and approved c. 1/10/19 - 5/15/19 - Fabrication d. 5/15/19-6/30/19 - Installation (Art + Mast + Backstays) <p>The City of Norman shall defend indemnify and hold harmless Flintco, LLC, and its officers, directors agents and employees from and against all claims, damages, losses and expenses, including but not limited to attorneys ' fees, arising out of or resulting from design failure, design defect or engineering defect relating to the art piece, provided that such claim, damage, loss or expense is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property.</p>	

LABOR, LABOR BURDEN, MATERIALS, SUBCONTRACTS		
Direct Labor		\$ 22,198
Labor Burden	(58% *Sum of all Flintco Labor)	\$ 12,875
Direct Materials		\$ 5,829
Direct Subcontracts		\$ 179,390
SUBTOTAL 1		\$ 220,292
EXPENSES ON LABOR AND MATERIALS		
Consumables	(5.0% of Labor)	1,754
Small Tools	(5.0% of Labor)	1,754
SUBTOTAL 2		\$ 3,507
EXPENSES ON LABOR, LABOR BURDEN, MATERIALS		
Data Processing	(0.25% of labor, burden, and materials)	102
Safety	(1.0% of labor, burden, and materials)	409
Warranty	(1.0% of labor, burden, and materials)	409
SUBTOTAL 3		\$ 920
SUBCONTRACTOR INSURANCE, OVERHEAD AND FEE		
Bonding	(1.5% of Subcontracts and Self Performed)	\$ 3,370.79
Builders Risk Insurance	(.08% of Subcontracts)	144
Overhead on Subcontracts	(10% of Subcontracts)	17,939
Fee on Subcontracts	(10% of Subcontracts)	17,939
Leed Dumpster	(1% of Subcontracts and Self Performed)	2,203
SUBTOTAL 4		\$ 41,595
SELF PERFORMED WORK INSURANCE, OVERHEAD AND FEE		
Bldrs Risk Insurance	(.6 % of Subs and Self Performed work)	\$ 1,598
Overhead on Flintco Work	(10% of Self Performed work+ Bond / Ins)	\$ 4,693
Fee on Flintco Work	(10% of Self Performed work+ Bond / Ins)	\$ 4,693
SUBTOTAL 5		\$ 10,983

TOTAL \$ 277,298

FLINTCO

 Cristine Winchester
 11/15/2018
 Date

OWNER

 Terry Floyd

 Date



Oklahoma City, OK
 Job Number 17039 - Norman Central Library

WORKSHEET

DESCRIPTION	AREA	UNIT	LABOR			MATERIAL		TOTAL
			MHRS	RATE	COST	QTY	COST	U.P.
Matherly								\$158,450
Flintco								\$30,277
Prime								\$20,940
					-		-	
			-		-		-	
			-		-		-	
			-		-		-	

Flintco Self-Perform Total \$30,277
Subcontractor Total \$179,390

**Matherly Mechanical
Contractors, LLC**



P.O. Box 30889 • 1520 Ocala Blvd.
Midwest City, Oklahoma 73140
Phone 405/737-3488 • ax 405/737-9211
State License # 067847
www.matherlymech.com

10/10/2018
Cory Rackley
Construction Director
Flintco LLC
CRackley@flintco.com

Re: Norman Public Library Plateau Plaza Art Piece Proposal

Cory,

We are pleased to present for your consideration our quotation for the above referenced project. We propose to provide all labor, equipment, materials, transportation, and incidentals required to complete the scope of work as listed below:

1. Provide and install cable system as designed and scheduled per KFC's structural pricing set dated 9/10/18. All wire rope $\frac{1}{2}$ " diameter and up shall be zinc coated as scheduled on sheet S1.02. All upper network wire rope 1/8" and smaller shall be stainless steel as shown on S2.01 & S2.03.
2. Fabricate and install 12" diameter mast and guyed wire attachment plates as shown on S1.04
3. Fabricate and install (264 ea.) 12" x 16" (approx.) 3003 H14 .190" thick aluminum sheets, powder coated with Tiger Drylac 38 series powder.

Exclusions: We take exception to the following items.

1. Installation of the 3/4" wire rope stops. (not needed)
2. All work shall be performed during regular work hours from 7:00 AM to 4:00 PM.
3. Stainless steel thimbles on 1/8" and smaller stainless wire rope. We feel this would triple the installation time of connecting the sheets, require a mech larger hole in the sheets, and is not necessary since the sheets have changed to Aluminum in lieu of #304 stainless steel.
4. Concrete or foundations.
5. Structural steel building connections.
6. Electrical power wiring or lighting.

Total price shall be:

\$158,450.00

FLINTCO SELF-PERFORM COST BREAKDOWN

Project Name Norman Central Library
 Change Title Public Art Foundations
 COR Date 11/14/2018

LABOR					MATERIAL			EQUIPMENT		
Item	Activity	Units	MH	Costs	Item	Rate	Cost	Item	Rate	Cost
Layout	Field Engineering	16	MH	\$560.00	Concrete	\$108/cy	\$2,980.80	Skidsteer	2 weeks	1,600.00
					Color	\$46/cy	\$368.00	Bucket	2 weeks	350.00
Art Base A/S1.04	Excavate, Reinforce, Pour Footings	16	MH	\$480.00	Embeds*	LS	\$380.63	Fuel	LS	300.00
	Form, Pour Plinth Walls	128	MH	\$3,840.00	Reinforcing**	LS	\$1,800.00			
	Backfill Foundation	16	MH	\$480.00	Samples	FEDEX	\$100.00			
	Build AB templates, Place ABs	3	MH	\$90.00	Reproduction	Gill's	\$200.00			
	Form, Pour, Trowel Base	32	MH	\$960.00						
					*See back-up from Shawnee Fabricators					
Mast Foundation B/S1.04	Driller Mobilization	1	LS	\$3,500.00	**See back-up from Great Plains Rebar					
	Drill 36" Diameter Pier (\$92/LF)	22	LF	\$2,024.00						
	Build AB templates, Place ABs	3	MH	\$90.00						
	Form, Pour, Rub, Patch, Clean-up	24	MH	\$720.00						
Guy Foundations C/S1.04	Drill 2-24" Piers (\$46/LF, 17LF ea)	34	LF	\$1,564.00						
	Haul Spoils	8	MH	\$280.00						
	Build AB templates, Place ABs	3	MH	\$90.00						
	Form, Pour, Rub, Patch, Clean-up	24	MH	\$720.00						
Supervision	Concrete Superintendent	80	MH	3,600.00						
Cory/ Cristine	Preconstruction Management	40	MH	3,200.00						
Labor Subtotal				22,198.00	Material Subtotal		5,829.43	Equipment Subtotal		2,250.00
Total Raw Costs				30,277.43						



Bid Date: 10/31/2018
Bid Time: 2:00 PM
Project: NCL Art Foundations
Location: Norman, Oklahoma
Estimate # 19443-00
Addenda: None Seen
ISQFT #: Plans Seen by Email

Great Plains Rebar, LLC proposes to furnish fabricated reinforcing steel cut, bent, bundled, and tagged in accordance with the plans and specifications, and per the requirements set forth by the latest edition of the CRSI Manual of Standard Practice.

Base Bid: Approx 1.63 Tons of Reinforcing Steel 1 L.S. \$1,800.00

-
- a) No Retainage Allowed
 - b) F.O.B. Jobsite - Norman, Oklahoma
 - c) Any Applicable Sales Tax to be Added
 - d) Terms Net 30 Days with established account.
 - e) Quote valid for 30 days from Bid Date
 - f) Prices firm on shipments for 120 days from quote date. After 120 days Prices subject to Escalation.
 - g) Pricing excludes: All Sitework, All Utility Work, All Smooth Dowels, All Mechanical Couplers, All CMU Reinforcing, All Epoxy-Coated Reinforcing, All Bar Supports, All D.B.A.'s, and Any Reinforcing Shown on the Mech and Elec Drawings.
 - h) Unless noted above - 40'-0" stock lengths used for slabs and continuous reinforcing
-

Company: Great Plains Rebar, LLC.
By: Ken Mowery
Title: President
Signed:
Date: 10/31/2018

Company:
By:
Title:
Signed:
Date:

SHAWNEE FABRICATORS, INC.

5 AMERICAN WAY, SHAWNEE, OK 74804-9255

PHONE 405-275-8264 – FAX 405-275-8440

shawneefabricators.com

PROPOSAL

TO: FLINTCO
ATTN: CRISTINE WINCHESTER
PROJECT: NCL
NORMAN, OK

DATE: 11/5/2018
JOB #5775

**WE PROPOSE TO PROVIDE THE FOLLOWING ITEMS AS LISTED BELOW
FOR THE FOLLOWING PRICE:**

PLAIN MATERIAL

16 – ANCHOR BOLTS
ONE – PLATE EMBED

\$380.63/LOT INCLUDES TAX

DELIVER TO:

FLINTCO
920 N. LAHOMA
NORMAN, OK 73069

KYLE COOPER 628-9174

**PRICE IS FIRM FOR ACCEPTANCE WITHIN THIRTY (30) DAYS, F.O.B. JOBSITE.
NO FIELD DIMENSIONS ARE INCLUDED. CONTRACTOR TO UNLOAD AND ERECT.
NO TAXES ARE INCLUDED IN ABOVE PRICE. NO RETAINAGE ALLOWED. TERMS
NET 30 DAYS.**

ACCEPTED BY DATE

SHAWNEE FABRICATORS, INC.
DANA BAYS, V.P. SALES
405 / 275 – 8264 ext 114
dbays@shawneefabricators.com

PRIME ELECTRIC CO. / 400 S. Coltrane, Edmond, OK 73034 • (405) 359-9190

TO: Flintco Construction
 Project Norman Public Library Central
 COR No. 19
 COR Title Art Lighting

Expires 11/22/2018

COR Date 11/15/2018

Revision Date

COR Item No	Description	Qty	Material	Labor		Equipment	
				Hours	Costs	Type	Cost
1	DITCH & BACKFILL	75.00	283.65	6.86	\$ 293.27	DJE	\$ 21.99
2	12"X12" QUAZITE BOX (MINOR)	1.00	12.00	2.75	\$ 117.56	DJE	\$ 8.82
3	12"X12" QUAZITE (QUOTE)	1.00	178.12	0.00	\$ -	DJE	\$ -
4	GRAVEL SUMP	1.00	25.82	0.75	\$ 32.06	DJE	\$ 2.40
5	3/4" PVC	75.00	36.14	3.66	\$ 156.47	DJE	\$ 11.73
6	3 - #10 THHN	80.00	82.56	2.24	\$ 95.76	DJE	\$ 7.18
7	IN-GRADE LIGHTS (MINOR)	8.00	54.80	22.56	\$ 964.44	DJE	\$ 72.33
8	WATTSTOPPER CONTROLS (MINOR)	1.00	75.00	4.20	\$ 179.55	DJE	\$ 13.47
9	IN-GRADE LIGHTS (QUOTE)	1.00	10400.00	0.00	\$ -	DJE	\$ -
10	WATTSTOPPER CONTROLS (QUOTE)	1.00	707.40	0.00	\$ -	DJE	\$ -
11	FREIGHT	1.00	777.52	0.00	\$ -	DJE	\$ -
12	COORDINATION	1.00	60.30	1.25	\$ 53.44	DJE	\$ 4.01
13	STAGING	1.00	16.88	2.41	\$ 103.11	DJE	\$ 7.73
14	UPDATE AS-BUILTS	1.00	5.19	1.22	\$ 52.16	DJE	\$ 3.91
15	WATTSTOPPER PROGRAMING	1.00	14.67	2.00	\$ 85.50	DJE	\$ 6.41
16	TRENCHER	1.00	325.00	0.00	\$ -	DJE	\$ -
17	EQUIPMENT PU/DEL	2.00	150.00	2.00	\$ 85.50	DJE	\$ 6.41
18					\$ -	DJE	\$ -
19					\$ -	DJE	\$ -
20					\$ -	DJE	\$ -
21					\$ -	DJE	\$ -
22					\$ -	DJE	\$ -
23					\$ -	DJE	\$ -
24					\$ -	DJE	\$ -
25					\$ -	DJE	\$ -
26					\$ -	DJE	\$ -
27					\$ -	DJE	\$ -
Totals			\$ 13,205.05	51.90	\$ 2,218.81		\$ 166.41
					Labor Burden	\$ 906.38	
Sales Tax - Yes 8.75%			\$ 1,155.44				

Total Raw Costs (Labor+Labor Burden+Material+Equipment+Tax)		\$ 17,652.09
Project Management Expense		\$ -
Overhead @ 10%		\$ 1,765.21
Profit @ 5%		\$ 970.87
Supervision		\$ 551.46
Bonds - No		\$ -
GRAND TOTAL		\$ 20,939.62

NOTES:

*Proposal excludes cutting, patching, or painting of any surface unless specifically included above.
 Proposal assumes all work to be performed during normal working hours and does not include any overtime unless show
 No work to begin until written authorization for this proposal.*

ITEM 2

**CHANGE ORDER
EAST NORMAN RECYCLING CENTER**



City of Norman, OK

Municipal Building
Council Chambers
201 West Gray
Norman, OK 73069

Master

File Number: K-1819-1 CO#2

File ID: K-1819-1 CO#2

Type: Contract

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Department: Utilities Department

Cost: \$16,393.47

File Created: 11/13/2018

File Name: East Norman Recycling Center

Final Action:

Title: CHANGE ORDER NO. TWO TO CONTRACT K-1819-1: BY AND BETWEEN THE CITY OF NORMAN, THE NORMAN MUNICIPAL AUTHORITY, AND CENTRAL CONTRACTING SERVICES, INC., INCREASING THE CONTRACT AMOUNT BY \$16,393.47 FOR A REVISED CONTRACT AMOUNT OF \$1,563,869.47 TO COMPLETE THE RECYCLING PAD AT THE EAST NORMAN RECYCLING CENTER AS PART OF THE URBAN CONCRETE PAVEMENT STREET MAINTENANCE BOND PROGRAM CONTRACT.

Notes: ACTION NEEDED: Acting as the City Council and Norman Utilities Authority, motion to approve or reject Change Order No. Two to Contract K-1819-1 with Central Contracting Services, Inc., increasing the contract amount by \$16,393.47 for a revised contract amount of \$1,563,869.47; and, if approved, authorize the execution thereof.

ACTION TAKEN: _____

Agenda Date: 11/27/2018

Agenda Number:

Attachments: CO#2 Contractor Signed for NMA Meeting.pdf

Project Manager: Chris Mattingly, Capital Project Engineer

Entered by: chris.mattingly@normanok.gov

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
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Text of Legislative File K-1819-1 CO#2

Body

BACKGROUND: In the summer of 2013, the Sanitation Division of the Norman Municipal Authority (NMA) established an East Norman Recycling Center in the parking lot of Fire Station #9 located at 3001 East Alameda. During construction of the East Norman Library, the recycling center was temporarily closed to reduce traffic within the site.

Once the library construction was complete, staff worked to expedite completion of a new paved area for the recycling center by utilizing the unit prices bid under the Urban Concrete Pavement Street Maintenance Bond Program contract under the Public Works Department. Contract K-1819-1 with Central Contracting Services, Inc. was approved on July 24, 2018, in the amount of \$1,451,515. Change Order No. 1 to Contract K-1819-1, also approved July 24, 2018, increased the contract amount by \$95,961 to allow the paving for the recycling center to

be constructed as part of the project. The concrete installed under the change order was 9 inches thick making it suitable for the large trucks accessing the recycling center.

DISCUSSION: Dirt work to level and compact the area of the recycling center began September 18 and was completed October 4, 2018. Concrete placement began October 8 and was complete November 5, 2018; a retaining wall was required to the south in order to create a relatively level site. As shown in the attached aerial, the new recycling center is located behind the East Norman Library towards the north end of the property. The paved area for the recycling center is complete and final inspection was performed November 6, 2018 by NMA staff.

Change Order No. 2 to Contract K-1819-1 will reconcile estimated project quantities to as-built quantities for the recycling center and add new items of work. Overall, as detailed on the attached change order, the reconciliation of estimated to as-built quantities resulted in a decrease of \$8,769.33. However, five new items of work totaling \$25,162.80 arose during completion of the project; each of these was negotiated with the contractor.

1. Placement/grading of gravel subgrade for concrete pad: increase of \$4,587.80;
2. Install railing on top of retaining wall and French Drain behind wall: increase of \$6,450;
3. Install concrete drainage structure and piping to existing rip-rapped flume: increase of \$6,750;
4. Install drain piping crossing fire department driveway to eliminate year round wet area at entrance to recycling center; increase of \$4,875; and
5. Haul and place mulch from compost facility to stabilize the drainage swale side slope north of recycling pad: increase of \$2,500.

Change Order No. 2 results in a net increase of \$16,393.47; thus, the total cost of the East Norman Recycling Center, from Change Orders 1 and 2, is \$112,354.47 or 7.7% of the original contract amount for the Street Maintenance Bond Program of \$1,451,515. The non-unit price work for both change orders is \$25,162.80 or about 1.73% which is less than the allowable maximum of 10% of the original contract amount.

The construction budget for the East Norman Recycling Center (SA0010) is \$129,500; construction account 033-9975-432.61-01 currently has unencumbered funds in the amount of \$21,870 available to fund Change Order No. 2.

RECOMMENDATION: Staff recommends approval of Change Order No. 2 to Contract K-1819-1 in the amount of \$16,393.47 to Central Contracting Services, Inc. .

CHANGE ORDER SUMMARY
 NORMAN MUNICIPAL AUTHORITY
 CITY OF NORMAN
 CLEVELAND COUNTY, OKLAHOMA

DATE: November 14, 2018

CHANGE ORDER NO.: Two (2)

CONTRACT NO.: K-1819-1

PROJECT: Urban Concrete Pavement - Street Maintenance Bond Program

CONTRACTOR: Central Contracting Services, Inc.
17301 South Sunnyslane, Norman, OK 73071

<u>Contract Time</u>	<u>Final Completion</u>
ORIGINAL:	<u>180</u> Calendar Days
PREVIOUS CHANGE ORDERS:	<u>30</u> Calendar Days
THIS CHANGE ORDER:	<u>0</u> Calendar Days
REVISED AMOUNT:	<u>210</u> Calendar Days

ORIGINAL START DATE: July 31, 2018

ORIGINAL COMPLETION DATE: January 27, 2019

PREVIOUS COMPLETION DATE: February 26, 2019

NEW COMPLETION DATE: February 26, 2019

<u>Contract Amount</u>	<u>Total</u>	<u>Recycling Center</u>
ORIGINAL CONTRACT:	<u>\$1,451,515.00</u>	<u>\$0.00</u>
PREVIOUS CHANGE ORDERS:	<u>\$95,961.00</u>	<u>\$95,961.00</u>
THIS CHANGE ORDER:	<u>\$16,393.47</u>	<u>\$16,393.47</u>
REVISED CONTRACT:	<u>\$1,563,869.47</u>	<u>\$112,354.47</u>

	<u>Item Description</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Total</u>
1	9-inch Concrete (3000PSI)	-211	SY	\$55.00	-\$11,605.00
2	Concrete Flume Complete (4-inch sidewalk)	-6	SY	\$54.00	-\$324.00
3	Solid Slab Sodding	-198	SY	\$3.00	-\$593.33
4	Additional: Retaining Wall 2.5-ft x 110-ft x 6-inch	1	CY	\$500.00	\$500.00
5	Additional: Concrete Curb and Gutter 380 LF	-151	LF	\$15.00	-\$2,265.00
6	Additional: Reinforcing Steel (Grade 60) 9536 LBS	2759	LBS	\$2.00	\$5,518.00
				Subtotal	-\$8,769.33
NEW	Final Adjustment to Pad and added Keyway	1	LS	\$4,587.80	\$4,587.80
NEW	Add Railing and French Drain to Wall	1	LS	\$6,450.00	\$6,450.00
NEW	Add Inlet Structure and Flume	1	LS	\$6,750.00	\$6,750.00
NEW	Add Drain to Fire Department Crossing	1	LS	\$4,875.00	\$4,875.00
NEW	Bank Stabilization North Slope w/Mulch	1	LS	\$2,500.00	\$2,500.00
				Subtotal	\$25,162.80
				Total	\$16,393.47

SUBMITTED BY
 CONTRACTOR:


 Central Contracting Services, Inc.

Date: 11/16/18

RECOMMENDED BY
 CAP. PROJ. ENGINEER:


 NMA Capital Projects Engineer

Date: 11/16/18

APPROVED AS TO
 FORM AND LEGALITY:

 City Attorney

Date: _____

ACCEPTED BY
 NORMAN UTILITIES AUTHORITY:

 Chairman

Date: _____

ITEM 3

STORMWATER

November 20, 2018

To: Honorable Mayor and City Council Members
From: Norman Stormwater Citizen Committee Co-Chairs
Re: Request for Further Direction from Council on Stormwater Program Funding

On October 23, 2018, the Stormwater Citizen Committee (Committee), which was established by City Council on April 25, 2017, and includes sixteen (16) members representing every Ward within the City of Norman (City) and four (4) City Council liaisons, presented a summary of public input received from Norman citizens through surveys, focus groups, and open houses. At Council's request, the Committee reconvened on November 13, 2018, to update the Committee on the activities that have occurred since the last formal meeting of the Committee on January 22, 2018, consider Council-requested changes to the stormwater capital improvement program, and discuss the next steps for stormwater program funding.

The Committee reconvened on November 13, 2018. The above topics were discussed, and the Committee came to agreement on the following items:

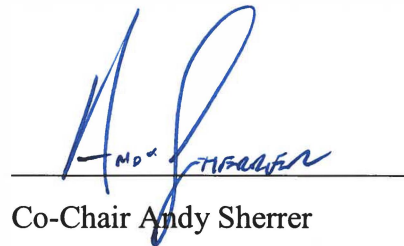
- The Committee unanimously supported a revision to the stormwater capital improvement program project list to add BC-4 and IC-4A, which have City Ranks of 7 and 8, respectively, and remove projects BC-16, which is the project that would install additional stormwater infrastructure between College Street and the OU Duck Pond that could be included as part of the transportation project scheduled for that area, and IC-3C, which would replace the existing structures at Boyd Street and Pickard Street because it does not have a City Rank in the top 10 of the most needed projects. All projects with a City Rank of 12 or higher are now included in the attached revised list;
- The Committee expressed a preference to put both the general obligation bond and the stormwater utility fee on the same ballot in April 2019; however, if that was not the will of the Council, the Committee was unanimous in its support for the general obligation bond moving forward for the April 2019 election;
- The Committee also agreed that additional direction from City Council was needed as to ways to improve the acceptability of the stormwater utility fee rate structure. Specifically, the Committee requested Council direction on the following questions:
 - Is one of the three proposed rate structure options set forth in the Committee's Recommendations to Council acceptable?
 - If neither of the three proposed rate structures is acceptable in its current form, does the Council prefer a flat rate or tiered rate structure as the basis for a revised stormwater utility fee recommendation?

- If a tiered rate structure is preferred, are more or less tiers for residential and/or non-residential properties preferred when compared to the three-tiered residential and 4-tiered non-residential options proposed by the Committee?
 - Should those tiers be based on first floor area for residential and parcel area for non-residential properties as proposed by the Committee? If not, what calculation basis should the Committee use for a revised rate structure proposal: impervious area, building area, total finished floor area (residential only), first floor area (residential only), or parcel area?
- Should the rate structure fully fund a \$7.4 million program, partially fund a \$7.4 million program using funds from the utility fee and the General Fund, or fully fund a smaller program? If Council prefers that a smaller program be funded by the utility fee, what size of program should be fully funded by the revised utility fee rate structure?

The Committee is ready and willing to meet on December 3rd, 2018, to further discuss and finalize a rate structure based on direction received from Council.



Co-Chair Amanda Nairn



Co-Chair Andy Sherrer

Potential Bond Package of ~\$59 M
of Projects Funded = 33

Project ID	Watershed	Ward	City Rank	Project Location	Project Description	Benefits of Completed Project	Estimated Cost
BC-10	Bishop Creek	1	4	Sinclair Dr and Beaumont Dr south of Boyd St and east of 12th Ave SE	Replace existing pipes with larger pipes at Sinclair Drive and Beaumont Drive, respectively, and make improvements to the creek channel to allow more water to be carried by the stormwater system downstream of Beaumont Drive	Flood Reduction	\$2,606,948.00
BC-13	Bishop Creek	1	12	Behind Harbor Freight, south of Alameda on Triad Village Dr	Upsize the existing detention pond to northeast along Triad Village Drive and acquire additional property for a new pond	Flood Reduction	\$922,153.00
BC-8	Bishop Creek	1	11	Lindsey Street south of Colonial Estates Park	Replace existing pipes with larger pipes	Flood Reduction	\$844,794.00
CR-1	Canadian River	2	54	Intersection of Westbrooke Terrace Rd and Hollywood Street	Replace the existing stormwater system at the intersection of Westbrooke Terrace Road and Hollywood Street	Flood Reduction	\$919,988.00
IC-1	Imhoff Creek	2	3	South of State Highway 9 and east of S. Berry Rd	Make improvements to streambanks downstream of State Highway 9 to prevent and repair erosion of the sides of the channel	Flood Reduction and Water Quality Improvement	\$387,755.00
MC-1	Merkle Creek	2	19	At 24th Ave SW south of George Lynn Cross Dr	Add a new concrete box and make improvements to the creek channel to allow more water to be carried by the stormwater system	Flood Reduction	\$994,365.00
MC-2	Merkle Creek	2	8	At Main St between Merkle Dr and Hal Muldrow Dr	Replace the existing culvert system with concrete boxes at Main Street	Flood Reduction	\$11,372,090.00
BHC-10	Brookhaven Creek	3	36	Intersection of Rambling Oaks Dr and Havenbrook St	Increase the size of existing stormwater system near Rambling Oaks and Havenbrook intersection	Flood Reduction	\$1,714,545.00
BHC-2	Brookhaven Creek	3	35	At Main St between Lamp Post Rd and Willoway Dr	Make improvements to streambanks upstream of Main Street to prevent and repair erosion of the sides of the channel	Flood Reduction and Water Quality Improvement	\$155,489.00
BHC-3	Brookhaven Creek	3	36	North of Main Street on the east side of Willow Branch Road	Make improvements to streambanks upstream of Willow Branch Road to prevent and repair erosion of the sides of the channel	Flood Reduction and Water Quality Improvement	\$238,876.00
BHC-4	Brookhaven Creek	3	28	West of 36th Ave NW south of Hampton Ct	Make improvements to streambanks downstream of 36th Ave NW to prevent and repair erosion of the sides of the channel	Flood Reduction and Water Quality Improvement	\$1,362,020.00
BHC-9	Brookhaven Creek	3	53	Intersection of Rambling Oaks Dr and Tall Oaks Circle	Increase the size of existing stormwater system near Rambling Oaks and Tall Oaks intersection	Flood Reduction	\$721,634.00
TMF-102	Ten Mile Flat Creek	3	49	West of 48th Ave NW and south of Robinson St	Repair Arbor Lake Detention Pond	Flood Reduction	\$240,867.00
BC-3	Bishop Creek	4	12	South of Alameda St and S. Carter Ave	Make improvements to streambanks and widen channel bottom	Flood Reduction and Water Quality Improvement	\$685,223.00
BC-4	Bishop Creek	4	7	Between Symmes Street and Main Street on either side of Bishop Creek channel	Address flooding by buying 15 structures in the future 10-year floodplain	Flood Reduction	\$3,023,263.17
IC-4A	Imhoff Creek	4	8	Andrews Park	Build a 9 acre detention pond in Andrews Park and additional detention storage north of the park. Includes proposed buyouts of 8 parcels	Flood Reduction	\$6,592,588.80
DBC-2	Dave Blue Creek	5	38	On 48th Ave SE north of Stonehenge Lane	Replace existing culvert with a larger concrete box structure at 48th Ave SE	Flood Reduction	\$373,494.00
RC-1	Rock Creek	5	41	On Robinson St east of 36th Ave NE	Replace the existing structure with new, larger concrete boxes at Robinson Street	Flood Reduction	\$2,191,873.00
LR-1	Little River	6	12	North of Little River Rd west of 12th Ave NE	Make improvements to streambanks upstream of 12th NE Avenue to prevent and repair erosion of the sides of the channel	Flood Reduction and Water Quality Improvement	\$189,246.00
WC-101	Woodcrest Creek	6	28	East of the intersection Porter Ave and Highland Village Dr	Expand detention pond in the Vineyard Addition	Flood Reduction	\$374,500.00
WC-1B	Woodcrest Creek	6	28	North of Sequoyah Trail between Willow Creek Dr and Winding Creek Circle	Increase the capacity of the existing stormwater channel downstream of Sequoyah Trail	Flood Reduction	\$984,624.00
WC-3	Woodcrest Creek	6	39	South of Sequoyah Trail between Willow Creek Dr and Winding Creek Circle	Make improvements to streambanks in park south of Sequoyah Trail to prevent and repair erosion of the sides of the channel	Flood Reduction and Water Quality Improvement	\$254,805.00
BC-1	Bishop Creek	7	30	North of State Highway 9 between Jenkins Ave and Marshall Ave	Make improvements to streambanks upstream of State Highway 9 to prevent and repair erosion of the sides of the channel	Flood Reduction and Water Quality Improvement	\$1,003,226.00
BC-11	Bishop Creek	7	19	South of Lindsey St north of The Reserve	Make improvements to streambanks upstream of confluence between Tributary C and mainstem to prevent and repair erosion of the sides of the channel	Flood Reduction and Water Quality Improvement	\$813,256.00
BC-12	Bishop Creek	7	12	On East Brooks St between Trout Ave and the railroad tracks	Replace the existing concrete box system at Brooks Street with 2 new, larger concrete boxes	Flood Reduction	\$756,333.00
BC-2	Bishop Creek	7	25	South of Lindsey St north of The Reserve	Make improvements to streambanks downstream of Tributary C and mainstem to prevent and repair erosion of the sides of the channel	Flood Reduction and Water Quality Improvement	\$540,771.00
BHC-6	Brookhaven Creek	8	32	On Rock Creek Rd between Pendleton Dr and Interstate Dr	Install additional stormwater pipes to the existing culvert system at Rock Creek Road	Flood Reduction	\$477,358.00
BHC-7	Brookhaven Creek	8	39	On Pendleton Dr west of Prairie Creek Park	Install an additional stormwater pipe to the existing culvert system at Pendleton Dr	Flood Reduction	\$242,752.00
BHC-8	Brookhaven Creek	8	32	On Rock Creek Road between 36th Ave NW and Pendleton Dr	Install additional stormwater pipes to the existing culvert system at Rock Creek Road	Flood Reduction	\$594,754.00
TGLR-1	Trib G to Little River	8	22	On Franklin Rd near 24th Ave NW	Replace existing culverts with a larger concrete box structure at Franklin Street and raise railway crossing	Flood Reduction	\$1,518,138.00
IC-2	Imhoff Creek	2&4	5	South of Imhoff Rd between S. Berry Rd and Walnut Rd	Make improvements to streambanks upstream of SH 9 to prevent and repair erosion of the sides of the channel (Current Estimate from Meshek Study = \$7,498,250)	Flood Reduction and Water Quality Improvement	\$10,042,186.00
MC-2B	Merkle Creek	2&8	46	On Iowa Street just west of Cleveland Elementary School	Replace the existing structure with new, larger concrete boxes at Iowa Street	Flood Reduction	\$890,233.00
RC-2	Rock Creek	5&6	41	On 36th Ave NE between Robinson St and Alameda St	Replace the existing structure with new, larger concrete boxes and raise road elevation at 36th Ave NE	Flood Reduction	\$2,428,397.00
Project Management							\$2,500,000.00
							\$58,958,544.97

Moved to Transportation Bond

BC-16	Bishop Creek	7	8	On Lindsey St between College St and the OU Duck Pond	Install additional stormwater pipes between College Street and the tributary to Bishop Creek along Lindsey Street	Flood Reduction	\$6,801,424.00
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Removed to Meet Funding Limitations

IC-3C	Imhoff Creek	4	13	Intersection of Boyd Street and Pickard Street	Replace the existing structures at Boyd Street and Pickard Street with new, larger structures	Flood Reduction	\$5,919,752.00
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