

**LEXINGTON-FAYETTE URBAN COUNTY
GOVERNMENT CONTRACT CHANGE ORDER**

Page 1 of 2

To (Contractor):
Marrilia Design & Construction
259 West Short Street
Suite 325
Lexington, KY 40507

Date:	August 17, 2015
Project:	Senior Citizen Center Construction
Location:	Lexington
Contract No.:	227-2014
Original Contract Amt.:	\$8,882,900.00
Cumulative Amount of Previous Change Orders	\$582,520.25
Percent Change - Previous Change Orders	6.56%
Total Contract Amount Prior to this Change Order	\$9,465,420.25
Change Order No.:	22

You are hereby requested to comply with the following changes from the contract plans and specification;

Current Change Order

Item No.	Description of changes-quantities, unit prices, change in completion date, etc.	Decrease in contract price	Increase in contract price	
1	rehabilitation, walking trails		\$679,752.00	
	Total decrease	\$0.00		\$0.00
	Total increase			\$679,752.00
	Net Amount of this Change Order			\$679,752.00
	New Contract Amount Including this Change Order			\$10,145,172.25
	Percent Change - This Change Order			7.65%
	Percent Change - All Change Orders			14.21%

The time provided for the completion in the contract and all provisions of the contract will apply hereto.

Recommended by	<i>Page Str</i>	(Project Manager)	Date	8/18/15
Accepted by	<i>Del Howard</i>	(Contractor)	Date	8/18/15
Approved by	<i>[Signature]</i>	(Director)	Date	8-18-15
Approved by	<i>[Signature]</i>	(Commissioner)	Date	8-18-15
Approved by	<i>[Signature]</i>	(Mayor or CAO)	Date	9/9/15

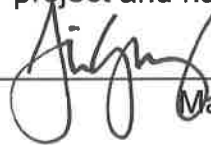
JUSTIFICATION FOR CHANGE

PROJECT: Senior Citizen Center Construction

CONTRACT NO. 227-2014

CHANGE ORDER NO. 22

1. Necessity for change: Life Lane parking lot needs to be rehabilitated before it can be used again, the pickle ball courts and additional walking trails will benefit the Senior Center and the park.
2. Is proposed change an alternate bid? ___Yes X No
3. Will proposed change alter the physical size of the project? X Yes ___No
If "Yes", explain. This change order expands the current limits of construction.
4. Effect of this change on other prime contractors: N/A
5. Has consent of surety been obtained? ___Yes X Not Necessary
6. Will this change affect expiration or extent of insurance coverage? ___Yes X No
If "Yes", will the policies be extended? ___Yes ___No
7. Effect on operation and maintenance costs: N/A
8. Effect on contract completion date: This change order work will run concurrently with current Senior Center project and has a duration of 143 working days.



Mayor

9/8/15

Date




Lexington-Fayette Urban County Government
DEPARTMENT OF GENERAL SERVICES

Jim Gray
Mayor

Geoff Reed
Commissioner

TO: Mayor Jim Gray
Sally Hamilton
Urban County Council

FROM: 
Geoff Reed, Commissioner of General Services

CC: Jamshid Baradaran, Director, Facilities & Fleet Management

DATE: August 18, 2015

SUBJECT: Request Council Authorization to Execute Change Order #22 with Marrillia Design & Construction in the amount of \$679,752.00 for the Senior Citizen Center Construction Contract #227-2014

Request

Authorization to execute change order No. 22 for \$679,752.00 with Marrillia Design & Construction, Lexington, Kentucky for the Senior Citizen Center Construction project. The new contract total is \$10,145,172.25. This scope of work will run concurrently with the current project and has a duration of 143 working days.

Why are you requesting?

This scope of work consists of rehabilitation of the existing Life Lane parking lot which is adjacent to the new Senior Citizen Center, the addition of two pickle ball courts which will be available to both the Center and the park, addition of a new walking trail to the east of the new Center, and rehabilitation of the existing walking trail to the north of the Center.

What is the cost in this budget year and future budget years?

The cost for this FY is: \$679,752.00

The cost for future FY is: \$0

The funds are budgeted in:

Account number:

FUND	DEPT ID	SECTION	ACCOUNT	AMOUNT
2600	606101	6001	90511	\$679,752.00

File Number:

Director/Commissioner: Jamshid Baradaran, Director of Facilities & Fleet



August 3, 2015
Revised August 12, 2015

Joyce Thomas
Department of General Services
Lexington-Fayette Urban County Government
200 East Main Street
Lexington, KY 40507

RE: **LFUCG Senior Center – Proposal Request No. 25 (Idle Hour Park Site Improvements)**
REVISION #1 (Changes are in RED Below)

Joyce:

Marrillia Design and Construction is pleased to present the enclosed, detailed cost estimate to complete the work associated with Proposal Request 25. The cost to complete each area as identified in the Proposal Request No. 25 design documents is as follows:

- Area A (Parking Lot) = \$399,855.00
 - Includes Removal of One (1) Light Pole Only
 - Office Trailer Relocation to be Provided by Marrillia
- Area B (Walking Trail and Pickle Ball Courts) = \$214,423.00
 - Aggregate Laydown Yard to Remain In-Place
- Area C (Baseball Field Concrete and Walking Trail) = \$91,467.00
- Area D (Walking Trail) = \$76,282.00

As requested by the LFUCG, the pricing above is offered as stand-alone lump sum proposals. Should the LFUCG select to complete all areas of work (i.e. A, B, C and D simultaneously), the work will benefit from certain economies of scale with regard to site supervision, general conditions, **asphalt paving production and earthwork**. As such, the LFUCG may deduct **\$102,275.00** from the combined total of the sum of the individual lump-sum proposals outlined above. Thus, the cost of all areas combined, if completed under a single contract, will be **\$679,752.00**. **The combined bid deduct assumes excess material from the LFUCG Senior Center project can be used as fill for the various areas of work. As the site excavation work for the LFUCG Senior Center is currently underway, there is a limited timeframe in which this portion of the deduct can be utilized. If the approval of this change order is delayed, then the value of the combined area deduct will decrease to the previous amount of \$85,607.00.**

If the LFUCG would like to consider different pricing combinations other than those outlined above, Marrillia can adjust the deduct pricing accordingly.

As always, should you have any questions or concerns, please do not hesitate to contact our office.

Respectfully,

Josh Marrillia

Josh Marrillia
President
Marrillia Design and Construction

Cc: Harding Dowell, EOP



Pending Owner Approval
PR-27a Complete the Additional Idle Hour Park Site Improvements per Proposal Request No. 25 - AREA A - Revision #1

Complete the Additional Idle Hour Park Site Improvements per Proposal Request No. 25 - AREA A
General Conditions and On-Site Contractor Site Supervision

Total

Subcontractor

Materials

UP

Labor

Rate

Quantity Units Hr.

Start Date = August 17, 2015
Completion Date = October 26, 2015
Total Area A Duration for Work to be Completed in 2015 = 70 days
Additional Time for Project Completion in April = 15 days
Total Area A Duration = 85 days

Dedicated Marrillia Site Manager (in Addition to Current On-Site Team) - Marrillia (Jim Hayes) 85 days
Site Manager Shall Work from the Existing Marrillia Project Trailer
Site Sanitation Facilities Shall be Provided by the Current LFUGG Senior Center Project

General Requirements

- Small Tools and Miscellaneous Equipment Rental - Marrillia 3 mo
- Final Cleaning (Pressure Washing or Fire Hose Wash Down) of Parking Lot and Walkways 48 hr
- Skid Steer Loader with Sweeper Attachment 1 wk
- Skid Steer Loader Delivery and Pick-up 2 ea
- Relocation of Current Marrillia Field Office to Future Playground Area - A-1 Portables 4 ls
- New Temporary Power Supply to Relocated Marrillia Field Office - Advanced Electrical Services 4 ls
- Extended Internet Service Connection from Existing Trailer to New Trailer Location - ALLOWANCE 4 ls
- Move Job-Built Wood Stairs - Marrillia (2 Men x 1/2-Day) 8 hr

Site Improvements

- Construction Staking - Endris Engineering 1 ls
- Re-Staking of Paved Areas Prior to DGA Base Placement - Marrillia BUDGET 1 ls

Site Demolition, Mass Earthwork and Storm Drainage Systems - Croucher Excavating

- Includes:
- Erosion Prevention and Sediment Control
 - Site Demolition
 - Remove Paving Section at Existing Entrance and Prep Subgrade for Heavy Duty Asphalt Paving
 - Demolition of Existing Storm Structures and Piping
 - Removal of Existing Dumpster Enclosure
 - Remove Existing Concrete Pavement
 - Scarification and Compaction of Existing Parking Lot, Compacted In-Place
 - Excavate Existing Landscape Island, Install Geotextile Fabric, 6" Pipe and #9 Stone
 - Complete All Storm Drainage (Headwalls, RCP, Storm Structures, Subdrains, Etc.)
 - Fine Grade All Asphalt Paving Area Subgrades
 - Topsoil Respread at All Lawn Areas
 - Construction of Two (2) New Detention/Biofiltration Basins
 - Turf Reinforcement Mat at New Headwalls

Asphalt Paving - ATS Construction

- Includes:
- Tack Coat (3 Total)

UP	Labor	Materials	Subcontractor	Total
225.00			19,125	
600.00			1,800	
46.00			2,160	
1,150.00			1,150	
150.00			300	
600.00			By Marrillia	
6,000.00			By Marrillia	
4,000.00			By Marrillia	
46.00			By Marrillia	
4,500.00			4,500	
1,000.00			1,500	
159,726.84			159,727	
112,409.00				112,409



Alternates
 LFUCG Replacement Senior Citizen Center
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- 2" Open Graded Drainage Layer/Bond Breaker per KYTC Standards
- 6" Minimum Compacted DGA Base (Additional DGA As Required to Bring to Design Subgrade)
- Furnish and Install DGA Under Curb and Gutter (Extend 2' Beyond Back of Curb)
- 4-1/2" Asphalt Base Course
- 1-1/2" Asphalt Surface Course
- Light Duty Trail Paving (Includes DGA Base, Asphalt Binder and Asphalt Surface)
- Medium Duty Trail Paving (Includes DGA Base, Asphalt Binder and Asphalt Surface)
- Pavement Markings and Rubber Wheel Stops
- Temporary Seeding and Netting from Fall 2015 Through Spring 2016
- Seeding, Sodding, Landscaping and Final Grading - Landesign
- Includes:
 - Final Grading
 - Seeding and Erosion Control Blanket
 - Sodding
 - Bio-Swale Soil Mix Materials and Installation
 - Bio-Swale Plantings and Over Seeding
 - Trees
 - Flagstone Flume Outlets
- Cast-in-Place Concrete
- Accessible Concrete Ramp and Header Curb at Back of Ramp - Hubbard Construction
- 24" Box Curb and Gutter - ATS Construction

	975.00	975	
	17,967.00	17,597	
	2,160.00	2,160	
	22.00	20,680	
	0	344,083	344,083

Cost of In-Place Construction (Labor, Materials and Equipment) =	344,083		
Marrillia Design and Construction Overhead Percentage =	10.0%		
Overhead - Marrillia Design and Construction =	34,408		
Marrillia Design and Construction Profit Percentage =	5.0%		
Profit - Marrillia Design and Construction =	17,204		
General Liability Insurance (Construction) =	554		
Builder's Risk Insurance =	554		
Performance and Payment Bond (Rate of \$9.40 per \$1000 of Cost for \$0 - \$2,500,000) =	N/A		
Performance and Payment Bond (Rate of \$6.15 per \$1000 of Cost for \$2,500,000 - \$5,000,000) =	N/A		
Performance and Payment Bond (Rate of \$7.20 per \$1000 of Cost for \$5,000,000 and up) =	2,857		
KY Surcharge on Project Bonds (1.8% of Bond Cost) =	51		
Local Municipality Tax on Project Bonds (5% of Bond Cost) =	143		
Total Construction Cost =	399,855		

Pending Owner Approval

PR-27b Complete the Additional Idle Hour Park Site Improvements per Proposal Request No. 25 - AREA B - Revision #1

Complete the Additional Idle Hour Park Site Improvements per Proposal Request No. 25 - AREA B

General Conditions and On-Site Contractor Site Supervision.

Start Date = August 17, 2015
Completion Date = November 16, 2015
Total Area A Duration for Work to be Completed in 2015 = 91 days
Additional Time for Project Completion in April = 15 days
Total Area A Duration = 106 days

Dedicated Mamillia Site Manager (in Addition to Current On-Site Team) - Mamillia (Jim Hayes)

Site Manager Shall Work from the Existing Mamillia Project Trailer

Site Sanitation Facilities Shall be Provided by the Current LFUGG Senior Center Project

General Requirements

Small Tools and Miscellaneous Equipment Rental - Mamillia

Final Cleaning (Pressure Washing or Fire Hose Wash Down) of Pickleball Court and Walkways

Skid Steer Loader with Sweeper Attachment

Skid Steer Loader Delivery and Pick-up

Quantity	Units	Hr	Rate	Labor	Materials	Subcontractor	Total
4	mc		600.00				2,400
48	hr		45.00				2,160
1	wk		1,150.00				1,150
2	ea		150.00				300

23,850

Aggregate Laydown Yard and Gravel Area at New Field Office

Laydown Yard Area (90' x 90') = 8,100 sf

Depth of Aggregate Base = 0.67 ft

Total Volume of Stone Material to be Imported and Placed On-Site = 200 cy

CAT 953 Track Loader to Construct Aggregate Laydown Yard

Tri-Axle Dump Truck to Haul Any Excess Spoils Off-Site

KY-DOT #2 Aggregate (1.65 Tons per Cubic Yard)

CAT 953 Track Loader to Load and Haul Aggregate Off-Site Upon Completion

Tri-Axle Dump Truck to Haul Aggregate Off-Site (Can be Hauled to LFUGG Location if Desired)

3,000

1,800

5,643

Stone to Remain

Stone to Remain

425.66

75.00

Site Improvements

Construction Staking - Endris Engineering

Re-Staking of Paved Areas Prior to DGA Base Placement - Mamillia BUDGET

Site Demolition, Mass Earthwork and Storm Drainage Systems - Croucher Excavating

Includes:

Erosion Prevention and Sediment Control (Includes Silt Fence)

Site Demolition

Complete All Storm Drainage (RCP, Storm Structures, Subdrains, Etc.)

Mass Earthwork and Cutoff/Fill for Pickle Ball Court (Requires Imported Fill Material)

Fine Grade All Asphalt Paving Area Subgrades

Topsoil Respread at All Lawn Areas

Footing Excavation for Segmental Retaining Wall

3,600

500

65,398

Asphalt Paving - ATTS Construction

Includes:

Medium Duty Trail Paving (Includes DGA Base, Asphalt Binder and Asphalt Surface)

Pickle Ball Court Paving (Includes DGA Base, Asphalt Binder and Asphalt Surface)

Segmental Retaining Wall System - Landmark Stone

Includes:

Segmental Block Units

Aggregate for Wall Footing and Drainage Aggregate Behind Wall

Geotextile Fabric

26,800.00

6,638



Drainage Pipe All Labor and Equipment Required to Complete the Installation					
Permeable Concrete Pavers on Stone Base	1 ls	1,000.00		1,000	
<u>Chain Link Fences and Gates - The Fence Company</u>	1 ls	17,000.00		17,400	
Includes: 3 Inch Terminal Posts 2-1/2" Line Posts 1-5/8" Top and Bottom Rail All Fencing is "Trussed and Braced" All Pipe is Schedule 40 Weight All Fencing is Vinyl Coated, Class 2A, 9 ga. Core and 6 ga. Finish Includes Core Drilling Through Asphalt					
Furnish and Install Two (2) Sets of Pickle Ball Nets and Posts - The Fence Company	1 ls	2,000.00		2,800	
<u>Pickleball Courts Surfaces - Tennis Technology</u>	1 ls	6,500.00		6,500	
Includes: SportsMaster Surfacing System Playing Lines and Markings Installation Sequence Includes: Two Acrylic Resurfacer Coatings Two Color Coatings Two Coats of Striprite Two Coatings of Textured Line Paint					
Temporary Seeding and Netting from Fall 2015 Through Spring 2016	1 ls	2,150.00		2,150	
<u>Seeding, Sodding, Landscaping and Final Grading - Landscap.</u>	1 ls	2,625.00		2,825	
Includes: Final Grading Seeding and Erosion Control Blanket Sodding					
<u>Cast-in-Place Concrete</u>					
4" Light Duty Concrete Pavement - Hubbard Construction	1 ls	5,602.00		5,602	
<hr/>					184,515
Cost of In-Place Construction (Labor, Materials and Equipment) =					184,515
Marrillia Design and Construction Overhead Percentage =					10.0%
Overhead - Marrillia Design and Construction =					18,452
Marrillia Design and Construction Profit Percentage =					5.0%
Profit - Marrillia Design and Construction =					9,226
General Liability Insurance (Construction) =					297
Builder's Risk Insurance =					297
Performance and Payment Bond (Rate of \$9.40 per \$1000 of Cost for \$0 - \$2,500,000) =					N/A
Performance and Payment Bond (Rate of \$8.15 per \$1000 of Cost for \$2,500,000 - \$5,000,000) =					N/A
Performance and Payment Bond (Rate of \$7.20 per \$1000 of Cost for \$5,000,000 and up) =					1,532
KY Surcharge on Project Bonds (1.8% of Bond Cost) =					28
Local Municipality Tax on Project Bonds (5% of Bond Cost) =					77
Total Construction Cost =					214,423



Alternates
 LFUCG Replacement Senior Citizen Center
 Lexington, KY

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Pending Owner Approval
PR-27c Complete the Additional Idle Hour Park Site Improvements per Proposal Request No. 25 - AREA C

Complete the Additional Idle Hour Park Site Improvements per Proposal Request No. 25 - AREA C

General Conditions and On-Site Contractor Site Supervision

Start Date = August 17, 2015
 Completion Date = November 10, 2015
 Total Area A Duration for Work to be Completed in 2015 = 85 days
 Additional Time for Project Completion in April = 15 days
 Total Area A Duration = 100 days

Dedicated Marrillia Site Manager (in Addition to Current On-Site Team) - Marrillia (Jim Hayes)
 Site Manager Shall Work from the Existing Marrillia Project Trailer
 Site Sanitation Facilities Shall be Provided by the Current LFUCG Senior Center Project

General Requirements

- Small Tools and Miscellaneous Equipment Rental - Marrillia
- Final Cleaning (Pressure Washing or Fire Hose Wash Down) of Sidewalks and Walkways
- Skid Steer Loader with Sweeper Attachment
- Skid Steer Loader Delivery and Pick-up

Site Improvements

- Construction Staking - Endris Engineering
- Re-Staking of Paved Areas Prior to DGA Base Placement - Marrillia BUDGET

Site Demolition, Mass Earthwork and Storm Drainage Systems - Croucher Excavating

- Includes:
- Erosion Prevention and Sediment Control (Includes Silt Fence)
 - Site Demolition
 - Demolish and Remove Approximately 6,400 sf of Asphalt
 - Demolish Existing CMU Building and Foundations
 - Cap All Existing Utilities
 - Complete All Storm Drainage (RCP, Storm Structures, Subdrains, Etc.)
 - Mass Earthwork
 - Fine Grade All Asphalt and Concrete Paving Area Subgrades
 - Topsoil Respread at All Lawn Areas

Asphalt Paving - ATS Construction

- Includes:
- Medium Duty Trail Paving (Includes DGA Base, Asphalt Binder and Asphalt Surface)

Removal and Reinstallation of Chain Link Fencing - The Fence Company

Temporary Seeding and Netting from Fall 2015 Through Spring 2016

Seeding, Sodding, Landscaping and Final Grading - Landesign

- Includes:
- Final Grading

	Quantity	Units	Hr.	Rate	Labor	UP	Materials	Subcontractor	Total
	100	days				225.00		22,500	
	4	mo				600.00		2,400	
	48	hr				45.00		2,160	
	1	wk				1,150.00		1,150	
	2	ea				180.00		300	
	1	ls				750.00		750	
	1	ls				500.00		500	
	1	ls				21,510.05		21,510	
	1	ls				7,009.00		7,009	
	1	ls				1,200.00		1,200	
	1	ls				975.00		975	
	1	ls							Included in Base Contract



Alternates
 LFUGG Replacement Senior Citizen Center
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Seeding and Erosion Control Blanket
 Sodding

Cast-in-Place Concrete

4" Light Duty Concrete Pavement - Hubbard Construction

	1 ls	18,255	78,709
	0	0	78,709
Cost of In-Place Construction (Labor, Materials and Equipment) =			78,709
Marrillia Design and Construction Overhead Percentage =			10.0%
Overhead - Marrillia Design and Construction =			7,871
Marrillia Design and Construction Profit Percentage =			5.0%
Profit - Marrillia Design and Construction =			3,935
General Liability Insurance (Construction) =			127
Builder's Risk Insurance =			127
Performance and Payment Bond (Rate of \$9.40 per \$1000 of Cost for \$0 - \$2,500,000) =			N/A
Performance and Payment Bond (Rate of \$8.15 per \$1000 of Cost for \$2,500,000 - \$5,000,000) =			N/A
Performance and Payment Bond (Rate of \$7.20 per \$1000 of Cost for \$5,000,000 and up) =			654
KY Surcharge on Project Bonds (1.8% of Bond Cost) =			12
Local Municipality Tax on Project Bonds (5% of Bond Cost) =			33

Total Construction Cost = **91,467**



Pending Owner Approval

PR-27d Complete the Additional Idle Hour Park Site Improvements per Proposal Request No. 25 - AREA D

Complete the Additional Idle Hour Park Site Improvements per Proposal Request No. 25 - AREA D

General Conditions and On-Site Contractor Site Supervision

Start Date = August 17, 2015
Completion Date = September 21, 2015
Total Area A Duration for Work to be Completed in 2015 = 35 days
Additional Time for Project Completion in April = 15 days
Total Area A Duration = 50 days

Dedicated Marrillia Site Manager (in Addition to Current On-Site Team) - Marrillia (Jim Hayes)
Site Manager Shall Work from the Existing Marrillia Project Trailer
Site Sanitation Facilities Shall be Provided by the Current LFUCG Senior Center Project

General Requirements

Small Tools and Miscellaneous Equipment Rental - Marrillia
Final Cleaning (Pressure Washing or Fire Hose Wash Down) of Walkways
Skid Steer Loader with Sweeper Attachment
Skid Steer Loader Delivery and Pick-up

Site Improvements

Construction Staking - Endris Engineering
Re-Staking of Paved Areas Prior to DGA Base Placement - Marrillia BUDGET

Site Demolition, Mass Earthwork and Storm Drainage Systems - Croucher Excavating

Includes:

Erosion Prevention and Sediment Control
Mass Earthwork
Fine Grade All Asphalt Paving Area Subgrades
Topsoil Respread at All Lawn Areas
Footing Excavation for Segmental Retaining Wall

Asphalt Paving - ATS Construction

Includes:

Light Duty Trail Paving (Includes DGA Base, Asphalt Binder and Asphalt Surface)

Segmental Retaining Wall System - Landmark Stone

Includes:

Segmental Block Units
Aggregate for Wall Footing and Drainage Aggregate Behind Wall
Geotextile Fabric
Drainage Pipe
All Labor and Equipment Required to Complete the Installation

Temporary Seeding and Netting from Fall 2015 Through Spring 2016

Sodding and Final Grading - Landesign

	UP	Materials	Subcontractor	Total
	225.00		11,250	
	600.00		1,200	
	45.00		2,160	
	1,150.00		1,150	
	180.00		300	
	1,000.00		1,000	
	500.00		500	
	19,559.42		19,559	
	14,327.00		14,327	
	10,382.20		10,382	
	1,950.00		1,950	
	1,864.00		1,864	



Alternates
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Includes:
 Final Grading
 Sodding

	0	65,643	65,643
Cost of In-Place Construction (Labor, Materials and Equipment) =			65,643
Marrillia Design and Construction Overhead Percentage =			10.0%
Overhead - Marrillia Design and Construction =			6,564
Marrillia Design and Construction Profit Percentage =			5.0%
Profit - Marrillia Design and Construction =			3,282
General Liability Insurance (Construction) =			106
Builder's Risk Insurance =			106
Performance and Payment Bond (Rate of \$9.40 per \$1000 of Cost for \$0 - \$2,500,000) =			N/A
Performance and Payment Bond (Rate of \$8.15 per \$1000 of Cost for \$2,500,000 - \$5,000,000) =			N/A
Performance and Payment Bond (Rate of \$7.20 per \$1000 of Cost for \$5,000,000 and up) =			545
KY Surcharge on Project Bonds (1.8% of Bond Cost) =			10
Local Municipality Tax on Project Bonds (5% of Bond Cost) =			27
Total Construction Cost =			76,282



Alternates
LFUCG Replacement Senior Citizen Center
Lexington, KY

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Pending Owner Approval

PR-27e Credit if All Areas are Complete Simultaneously - AREA A, B, C and D - Revision #1

Credit if All Areas are Complete Simultaneously - AREA A, B, C and D

- Credit for Stand Alone General Conditions and On-Site Contractor Site Supervision - AREA A
- Credit for Stand Alone General Conditions and On-Site Contractor Site Supervision - AREA B
- Credit for Stand Alone General Conditions and On-Site Contractor Site Supervision - AREA C
- Credit for Stand Alone General Conditions and On-Site Contractor Site Supervision - AREA D

General Conditions and On-Site Contractor Site Supervision if All Areas are Completed Simultaneously

Start Date = August 17, 2015
Completion Date = December 18, 2015
Total Area A Duration for Work to be Completed in 2015 = 123 days
Additional Time for Project Completion in April = 20 days
Total Area A Duration = 143 days

Dedicated Marrillia Site Manager (in Addition to Current On-Site Team) - Marrillia (Jim Hayes)
Site Manager Shall Work from the Existing Marrillia Project Trailer
Site Sanitation Facilities Shall be Provided by the Current LFUCG Senior Center Project

Credit for Marrillia Reduced Overhead and Profit if All Areas are Complete Simultaneously

Credit for Production Efficiencies Associated with DGA Base and Asphalt Placement - ATS Construction

Croucher Excavating Credit if All Areas are Completed Simultaneously

- Savings for Combined Cut/Fill Operations When All Areas are Paired Together - AREA A
- Savings for Combined Cut/Fill Operations When All Areas are Paired Together - AREA B
- Savings for Combined Cut/Fill Operations When All Areas are Paired Together - AREA C
- Savings for Combined Cut/Fill Operations When All Areas are Paired Together - AREA D

	Quantity	Units	Hr.	Rate	Labor	UP	Materials	Subcontractor	Total
	85	days				(225.00)		(19,125)	
	106	days				(225.00)		(23,850)	
	100	days				(225.00)		(22,500)	
	50	days				(225.00)		(11,250)	
			143		225.00			32,175	
						672,849.91		(33,647)	
						(6,680.00)		(6,680)	
						(3,000.00)		(3,000)	
						(6,177.50)		(6,178)	
						(6,220.00)		(6,220)	
						(2,000.00)		(2,000)	
						0		(102,275)	
						0		(102,275)	

Total Construction Cost = (102,275)

ENDRIS ENGINEERING, P.S.C.

Land Surveyors

771 Enterprise Drive
Lexington, Kentucky 40510

Ph. (859) 253-1425
Fax (859) 233-1436

August 3, 2015

Travis Harris
Marrillia Design and Construction
259 West Short Street, Suite 325
Lexington, Kentucky 40507
Phone: 859-685-0414
Fax: 859-685-0418
Cell: 859-200-9732
Email: tharris@marrillia.com

Re: Lexington Senior Center - Idle Hour - Lexington, KY

Travis,

Based on the grading plan and utility plan information you provided on Thursday, Endris Engineering offers the following estimates for construction layout:

Estimated Project Layout Fees

Area A (Curbs, walks, grading, storm sewer):	\$4,500 ⁰⁰
Area B (Walks, walls, grading, storm sewer):	\$3,600 ⁰⁰
Area C (Walks, concrete):	\$750 ⁰⁰
Area D (Walks, walls):	\$1,000 ⁰⁰

All staking and re-staking of these items and any additional items will be done at hourly rates listed below. The estimates above are for project budgeting only.

Hourly Rates:

Registered Land Surveyor:	\$90 ⁰⁰ per hour	Add for controls and restaking
2-Man Survey Crew (or 1-man with Robotic instrument):	\$110 ⁰⁰ per hour x 28 = \$3,080	
3-Man Survey Crew (or 2-man with Robotic instrument):	\$135 ⁰⁰ per hour	
Cad (layout calculations):	\$70 ⁰⁰ per hour	
Total= \$12,930.00		

(The only time a "Land Surveyor" rate would apply would be in some sort of true boundary or plat issue, or for pad/layout certifications - i.e. not normal construction layout.)

A majority of the time, we will use a three-man crew since we are about 50% more efficient with that type of crew as compared to a two-man-crew. Time sheets are to be signed by the site superintendent each day the survey crew is on site that will detail field time only.

A copy of Endris Engineering's Standard Terms and Conditions is attached and made a part of this rate proposal. Thanks for the opportunity to provide these rates to you.

Thanks for the opportunity to provide these rates to you.

Sincerely,


Kevin M Phillips, PLS
President

August 3, 2015

Marrillia Design & Construction
259 West Short Street, Ste 325
Lexington, KY 40507

Area A Breakdown:
Labor = \$1,296.00
Material = \$864.00

Area C Breakdown:
Labor = \$10,953.00
Material = \$7,302.00

Area B Breakdown:
Labor = \$3,361.20
Material = \$2,240.80

Re: Lexington Senior Center – PR-025 - Revised
195 Life Lane
Lexington, KY

Dear Josh, Travis or Jim,

The following is our pricing for PR-025 sidewalk work at the above referenced job:

PR-025

A. Furnish all labor, material & equipment to form, place & finish sidewalks & pickle ball net post foundation

Area A - **\$2,160.00** – Accessible concrete ramp

→ Area B - **\$8,102.00** – Sidewalks & pickle ball post

Area C - **\$18,255.00** - Sidewalks

We submit this proposal for the **Lump Sum** of **\$28,517.00**. Please call with any questions.

Sincerely,

**Remove \$2,500 for Tennis Court Post
Included in The Fence Companies
Scope of work.**

Carl Hubbard, Member
Hubbard Construction, LLC

CONTRACT UNIT COST COMPARISON:

The collective total for the Area B and Area C sidewalks includes approximately 4,187 sf of sidewalk installed at a unit cost price of \$5.70/sf. (4,187 sf x \$5.70/sf = \$23,865.90, or the approximately cost of Area B + Area C). The contract unit cost price for sidewalks is \$7.00/sf; thus the bid amount is less than the contract unit cost price.



Croucher Excavating Inc

781 Brock Rd
Paint Lick, Ky 40461
1-606-308-3843
joe@croucherexcavating.com

Senior Center

Area A

Storm Water Protection

Install and maintain approx. 560 L.f. silt fence

Install 2 sediment ponds

Storm Inlet protection

Add's

Light Pole Demo \$1,375.00

TURF MAT \$600.00

JCroucher informed storm line will not be in service.

Site Demolition

Demo existing storm structure and piping

Remove existing dumpster enclosure

Remove existing concrete pavement

Scarify and compact existing pavement and stone (parking lot Island area)

At existing landscape Island over excavate 12" γ install geotextile fabric and 6" pipe & #9 stone

At existing entrance / remove full pavement section / prep for heavy duty asphalt

Storm Drain

7 - 12" S&F headwalls

270 L.F. R.C.P

4-Ci. boxes

VI. 21

Place rocks from site around headwall

New 8" sub-drain at existing landscape area to be paved

Earthwork

Prep all asphalt and concrete paved areas to within .1 of sub-grade

Prep all green space to within .1 of sub-grade

Construct 2 detention basins

Supply and distribute topsoil

1 foot stone below paved area (not including stone for pavement profile)

6" stone below walking trail

Stone deduct area A=\$29,192.75

Total for Area A \$186,944.69

Area A Labor (w/o stone, INCLUDES DEDUCT) = \$55,258.05
Area A Equipment (w/o stone, INCLUDES DEDUCT) = \$82,893.54
Area A Materials (w/o stone, INCLUDES DEDUCT) = \$16,600.35

Area B

Storm Water Prevention Plan

Install and maintain approx.. 180 L.f. silt fence

Site Demo

Demo and export from site balance of asphalt

Storm Drainage

144 L.F. 12" R.C.P.

YI 20

Install approx.. 87 L.f. 6" perf. under pavers / tie to YI. 20

Earthwork

Cut fill sub-grade for pickle ball court (import fill material)

Prep sub-grade for green space

Supply and distribute topsoil

6" stone base for walking trail

Stone Deduct \$2,822.50

Total for Area B \$70,420.00

Area B Labor (w/o stone, INCLUDES DEDUCT) = \$22,728.00
Area B Equipment (w/o stone, INCLUDES DEDUCT) = \$34,092.00
Area B Materials (w/o stone, INCLUDES DEDUCT) = \$4,600.00

Area C

Site Demolition

Demo and remove from site approx.. 6400 s.f. asphalt base

Demo existing block building and footing

Cap all utilities

Earthwork

Prep sub-grade for concrete paved area

Prep subgrade in all green space

Install 6" stone for walking path

Stone Deduct \$1,089.95

Total for Area C \$22,600.00

Area C Labor (w/o stone, INCLUDES DEDUCT) = \$6,116.00
Area C Equipment (w/o stone, INCLUDES DEDUCT) = \$9,174.00
Area C Materials (w/o stone, INCLUDES DEDUCT) = None

Area D

Earthwork

Prep sub-grade for walking path

Supply and Install 6" D.G.A. for walking path

Redistribute topsoil

Stone Deduct \$2,960.58

Total for Area D \$22,320.00

Area D Labor (w/o stone, INCLUDES DEDUCT) = \$6,943.77
Area D Equipment (w/o stone, INCLUDES DEDUCT) = \$10,415.65
Area D Materials (w/o stone, INCLUDES DEDUCT) = None



August 3, 2015

Marrillia Design & Construction
259 West Short Street, Suite 325
Lexington, KY 40507
(859) 685-0414
tharris@marrillia.com

RE: Lexington Senior Center - PR-025
Asphalt Paving Quote

ATS Construction is pleased to quote the following pricing for the project referenced above as detailed on plans developed by EOP Architecture / Interiors, Sheet L11.0 and as further defined in the scope of work listed below:

Scope of Work:

AREA A

NEW ASPHALT PAVING SECTION OVER EXISTING SCARFIED

A. COMPACTED PAVEMENT - LIFE LANE PARKING LOT

1203 SY

- 1) Mill and texture asphalt at tie ins
- 2) Place DGA as needed to obtain plan grade. 6" minimum, Based on 14 inch average
- 3) Place asphalt bond breaker
- 4) Place 4.5" Asphalt Base
- 5) Place 1.5" Asphalt Surface

B. MEDIUM DUTY - TRAIL PAVING

85 SY

- 1) Place 6" DGA Base
- 2) Place 4.0" Asphalt Base
- 3) Place 1.5" Asphalt Surface

C. LIGHT DUTY - TRAIL PAVING

429 SY

- 1) Place 6" DGA Base
- 2) Place 2" Asphalt Base
- 3) Place 1.5" Asphalt Surface

Croucher Excavating informed they had more than 475 ton for the lower lot

D. ENTRANCE ADDITIONAL DGA FOR GRADE

612 SY

- 1) Place 12" DGA Base
(ANY ADDITIONAL TONS WILL BILLED BE AT \$21.50 PER TON)

475 TON

The contract unit cost price for compacted crushed stone is \$25.00/tn.

LUMP SUM PRICE: \$106,104.00

** OPTIONAL PRICING*

Area A Labor/Equipment = \$25,277.20
Area A Materials = \$80,826.80

E. DGA UNDER CURB

- 1) Place DGA Base under curb & gutter

OPTIONAL LUMP SUM PRICE: \$3,000.00

Area A DGA at Curb Labor/Equipment = \$404.80
Area A DGA at Curb Materials = \$2,595.20

AREA B

F. MEDIUM DUTY - TRAIL PAVING

451 SY

- 1) Place 6" DGA Base
2) Place 4.0" Asphalt Base
3) Place 1.5" Asphalt Surface

G. PICKEL BALL COURT - ASPHALT PAVING

360 SY

- 1) Place 6" DGA Base
2) Place 2" Asphalt Base
3) Place 1.5" Asphalt Surface

LUMP SUM PRICE: \$26,800.00

Area B Labor/Equipment = \$6,043.05
Area B Materials = \$20,756.95

AREA C

H. MEDIUM DUTY - TRAIL PAVING

174 SY

- 1) Place 6" DGA Base
2) Place 4.0" Asphalt Base
3) Place 1.5" Asphalt Surface

LUMP SUM PRICE: \$7,009.00

Area C Labor/Equipment = \$1,820.77
Area C Materials = \$5,188.23

AREA D

I. LIGHT DUTY - TRAIL PAVING

473 SY

- 1) Place 6" DGA Base
- 2) Place 2" Asphalt Base
- 3) Place 1.5" Asphalt Surface

LUMP SUM PRICE: \$14,327.00

Area D Labor/Equipment = \$3,800.40
Area D Materials = \$10,526.80

SUBCONTRACT WORK - AREA A

J. PAVEMENT MARKINGS

- 1 S STRIPE PARKING LOT - PAINT
- 1 S PAVEMENT MARKINGS - THERMOPLASTIC CROSS WALK & STOP BAR
- 1 A WHEEL STOPS

OPTIONAL LUMP SUM PRICE: \$3,305.00

Area A Pavement Markings Labor/Equipment = \$948.89
Area A Pavement Markings Materials = \$2,356.11

NOTES:

- ATS Construction is **OMITTING** the following items: Site Layout / Staking, Site excavation / grading, Demo Work, Concrete work and associated items, Storm and Sanitary items, Retaining wall & associated items, Pickle Ball Court: Fencing / Acrylic Coating / Color Coating / Markings / Nets, Seed & straw, Landscape Items, and any other item not listed under scope of work above.
- ATS Construction is quoting the above LUMP SUM PRICE as a TOTAL PACKAGE.
- The above LUMP SUM PRICING includes two (2) mobilizations of equipment and crews. The first will be to place the DGA BASE and ASPH BASE. The second mobilization will be to place the ASPH SURF. Additional mobilizations will be at a charge of \$ 1,500.00 per EACH.
- The above prices does not include performance and payment bond, add 3/4 of 1 percent performance and payment bond, if required.
- ATS Construction is quoting the above prices based on prevailing wages as found in the project specifications.
- ATS Construction BID QUOTATION LETTER shall be made a part of subcontract agreement.
- Any alterations or deviations from the above specified scope of work involving extra work will be executed only upon written orders and will be at an extra charge over and above the Lump Sum Price as quoted.
- ATS Construction proposes to furnish all materials, labor, and equipment to complete the work as described above.
- Grading and compaction of the sub grade is the responsibility of others. The site contractor shall place the sub grade to

+/- 0.05' from the planned sub grade elevations. Grade errors or poor density conditions shall be corrected prior to start of work by ATS Construction.

- All traffic control shall be the responsibility of others with the exception of flagger personnel during the placement of the items listed in the scope of work above.
- All work will be completed in a workmanlike manner according to the standards of practice.
- All corrective work required for work performed by ATS Construction and damaged by others shall be considered extra work and become an extra charge to the LUMP SUM PRICE.
- All materials and workmanship is guaranteed for a period of one year. Acts of nature are not warranted. Acts of nature include, but are not limited to, damage from earthquakes, tornadoes, floods, uncontrolled vegetation, and cracks caused by hot and dry conditions.
- Payment is due upon completion, net 30. Projects requiring more than 30 days will be invoiced on a percentage of completion basis.
- ATS Construction is a pre-qualified contractor with the Kentucky Transportation Cabinet.
- Quote is good for 30 days beyond the date of this quote letter.

Please contact me with any questions you may have.

Respectfully Submitted,

Bryan Beasley
Engineer Technician

Travis Harris

From: Bryan Beasley <BBeasley@atsconstruction.com>
Sent: Friday, July 31, 2015 1:35 PM
To: Travis Harris
Cc: Brian Billings; Josh Marrillia
Subject: Re: LFUCG Senior Center-PR-025 UPDATE
Attachments: image001.jpg

Travis,

I had another estimator put a price together based on your quantities. We would be looking at \$22.00 / LF. If you want to use that number, I can work it into my revised estimate on Monday.

Thanks,
Bryan Beasley

Sent from my iPhone

On Jul 31, 2015, at 12:57 PM, Travis Harris <tharris@marrillia.com> wrote:

Bryan,

I thought I discussed it with you when I first sent the PR request. How long will it take you to provide? I have done a rough take-off and I am getting approx. 940 LF C7G per detail F/L-6.0

From: Bryan Beasley [<mailto:BBeasley@atsconstruction.com>]
Sent: Friday, July 31, 2015 12:43 PM
To: Travis Harris <tharris@marrillia.com>
Cc: Brian Billings <BBillings@atsconstruction.com>; Josh Marrillia <jmarrillia@marrillia.com>
Subject: Re: LFUCG Senior Center-PR-025 UPDATE

Travis,

I went back through my emails and looked for a request of curb pricing. I do not see it. Are you sure you requested it from us? I only ask, because it is not in our contract for the base bid.

Thanks,
Bryan Beasley

Sent from my iPhone

On Jul 31, 2015, at 12:34 PM, Travis Harris <tharris@marrillia.com> wrote:

Brian,

I needed your pricing per Area's A,B,C,D. Also I requested pricing for the curb and gutter. Please forward asap.

Thanks,

Landmark stone, inc.

July 28, 2015

Project: Lexington Senior Center

Installation of approximately 460 sq ft of Rosetta Kodah Retaining wall. The project consists of two walls.

The price includes:

Block units

Gravel for footer and drainage

Geotextile fabric

Drain pipe

Labor and equipment

Proposed Price: \$17,020.00

Excluded

All excavation

Finish Grading

Area A Breakout Total =\$6,637.80

Area A Labor = \$2,647.80

Area A Material = \$3,990.00

Area D Breakout Total =\$10,382.20

Area D Labor = \$3,872.20

Area D Material = \$6,510.00

Per Andy Sketo - All Rock Included at the bases and backfill.

Croucher Excavating to complete the excavation of foundations.

Thank you

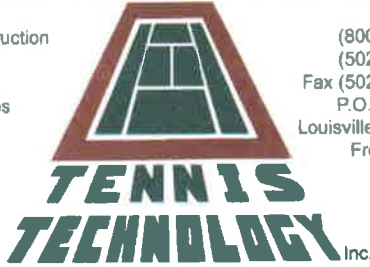
Andy Sketo

Landmark Stone, Inc.

(502) 639-3030

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www.tennistechnologyinc.com
tenntech@bellsouth.net

Proposal Submitted to: Marrilla Construction

Attention: Travis Harris

Address: 259 W. Short St. Suite 25
Lexington, KY 40507

Date: 7-23-15

Phone: 859-200-9732

Project Name: Lexington Senior Center Pickleball courts surface and net posts.

We hereby submit specifications and estimates for labor, material and equipment as follows:

~~The price to provide and install two sets of Douglas pickleball net posts, nets is \$4500.00.~~

The price to install the SprotsMaster surfacing system and the playing lines over existing cured prepared asphalt is \$6,500.00. This includes two acrylic resurfacer coating coatings followed by two color coatings, two coatings of Striperite and two coatings of textured line paint.

This includes patching minor irregularities, areas 1/16" of less in the asphalt. Major repairs need to be patched by the asphalt company.

~~Total for the project is \$11,000.00~~

The prices above reflect prevailing wage rates.

~~Pickleball posts and accessories--- Labor-\$3000.00~~

~~Material-\$1500.00~~

Surfacing System----Labor-\$4500.00

Material \$2000.00

***** PRICE SUBJECT TO CHANGE DUE TO RISING FUEL AND OIL PRICES*****

Terms: Due upon completion

The above prices, specifications, and conditions are satisfactory and are hereby accepted.
You are authorized to do the work as specified. Payment will be made as outlined above.

Customer

Signature X _____

Date _____

Contractor

Signature X _____ Date _____

The Fence Co. LLC
2015

Estimate July 24 -

197 Mohawk Lane
Leitchfield, KY 42754
O (270) 259-3808
F (270) 259-0300
C (270)287-1134
thefencecoofky@gmail.com

Project LFUCG Senior Center
Lexington Kentucky

To furnish and install 292 ft of 10 ft tall 1 ¼ mesh vinyl coated chain link fencing at Tennis Courts

To Include

3 inch terminal post
2 ½ inch line post
1 5/8 inch top and bottom rail
Trussed and braced
All pipe schedule 40 weight
All fittings press steel
Vinyl fence coated is class 2A 9 ga core 6 ga finish
Price includes all necessary core drilling through asphalt

Per Scott Gate per Note 55/L-11.0 Included
Included concrete at posts for pickle ball nets
Douglas Premier Nets Included

17,400.00

Labor = \$8,467.89
Materials = \$8,932.11

Total \$

Option 1

To furnish and install 2 sets of pickle ball nets and post
2,800.00

Labor = \$1,200.00
Materials = \$1,200.00

Total \$

Temporary Fence Rates

6ft x 10ft temporary panel with concrete or metal bases \$ 4.00 ft for duration of project
One time set up and removal

Rock Clause : If solid rock is encountered there will be an additional charge of \$ 75.00 for jack hammering minimum 2 hours.

The Fence Co LLC is not responsible for any under ground utilities that may be encountered.

If you intend on using The Fence Co LLC for this project please let us know so we can lock in the current material price and allow for scheduling .

Responsible Party

Date

Thank You
Scott Braun



Estimate

Date: 7/28/2015

Invoice #:

Customer ID:

Expiration Date:

To: Marrillia Design And Construction

**Ryan Confirmed Spec's 329200 & 329300.
 Ryan Confirmed Seed and Sod in Area C included in base contract
 Ryan confirmed soil mix 1&2 included with bio swale plantings.**

Salesperson	Payment Terms	Due Date
R.P.	Net 30	

QTY.	Description	Unit Price	Total
AREA A			\$17,597.00
1.00	Additional Trees for area A with mulch	\$2,877.00	\$2,877.00
1.00	Seeding and Straw	\$2,265.00	\$2,265.00
1.00	Sod per plan (area A)	\$3,515.00	\$3,515.00
1.00	Bio Swale Plantings	\$3,865.00	\$3,865.00
1.00	Rock Flumes for Headwalls	\$4,100.00	\$4,100.00
1.00	Seeding and Netting	\$975.00	\$975.00
AREA B			\$2,825.00
1.00	Seeding and Netting	\$2,150.00	\$2,150.00
1.00	Sod Per plan (Area B)	\$675.00	\$675.00
AREA C			\$0.00
	No changes		
AREA D			\$1,864.00
1.00	Sod per plan	\$1,864.00	\$1,864.00
			Subtotal
			Tax
			Total

Quotation prepared by: _____

Thank you for your business!
 1294 Gray Hawk Road Lexington, KY 40502 859-629-5391