WOODFORD COUNTY BOARD OF EDUCATION AGENDA ITEM

ITEM #: DATE: March 26, 2019
TOPIC/TITLE: BG-2 & BG-3 District Security Window Project BG 18-330
PRESENTER: Amy M. Smith
ORIGIN:
 □ TOPIC PRESENTED FOR INFORMATION ONLY (No board action required.) □ ACTION REQUESTED AT THIS MEETING □ ITEM IS ON THE CONSENT AGENDA FOR APPROVAL □ ACTION REQUESTED AT FUTURE MEETING: (DATE) □ BOARD REVIEW REQUIRED BY
STATE OR FEDERAL LAW OR REGULATION BOARD OF EDUCATION POLICY OTHER:
PREVIOUS REVIEW, DISCUSSION OR ACTION:
NO PREVIOUS BOARD REVIEW, DISCUSSION OR ACTIONPREVIOUS REVIEW OR ACTION
DATE: ACTION:
BACKGROUND INFORMATION:
Board action is required to approve all construction documents. SUMMARY OF MAJOR ELEMENTS:
Board approval is requested for forms BG-2 and BG-3 for the District Security Window Project BG 18-330 Approval of these documents will authorize us to place the advertisement for bids on this project.
IMPACT ON RESOURCES: Per Perviously approved BG-1
TIMETABLE FOR FURTHER REVIEW OR ACTION: Based on KDE approval.
SUPERINTENDENT'S RECOMMENDATION: Recommended Not Recommended

OUTLINE SPECIFICATIONS ENERGY DESIGN CRITERIA

Name:	WOODF	ORD COUN	District TY Code:	Facilit 601 Name		& Board Office	School Code:	090, 120, 075, 050 013, 084, 085
Pro	ject Name:	District W	ide Security Im	provements	U-0 - 5			
PRO II	ECT TYPE:	Yes	No	Gros	ss Building Area (sf)		
New B		□ .			ss building Area (si			:5
Additio								
Renova		□ ☑	П		N/A			
	ons for Future		:	 				
Propos	ed Alternates	: ((1)					
		((2)					
Docorib	o special con	,	· /	and alternates attac	ch a supplemental :	sheet if needed		
Descrit	e special con		sing or project t	and alternates, atta	on a supplemental .	- Indeed, if flooded.		
BUILD	NG CONSTR	UCTION CH	HARACTERIST	ICS: N/A				
Descrip	tion of Buildin	g Structure:						
	Foundation							
1	Exterior Walls				6			
	LACTOR VVallS							
F	Roof Structure	:						
ENERG	Y EFFICIENT	DESIGN (F	KRS 157.450 a	nd KRS 157.455):	N/A			
LINLING								
LIVERCE		_Energy Co	nsumption "Exi	sting" (kBtu/sf/yr)				
LINLING		_	nsumption "Exi		—			
YES	NO	_	• 11-11-11-11-11-11-11-11-11-11-11-11-11-		_			
	NO 🗆	_	nsumption Tarç	get (kBtu/sf/yr)	_			
YES	100000000	Energy Co	nsumption Tarç	get (kBtu/sf/yr) Other:				
YES		Energy Con	nsumption Targ ified o meet Energy	get (kBtu/sf/yr) Other:				
YES		Energy Con LEED Certi Designed to	nsumption Targ iffied o meet Energy SHRAE 90.1(20	get (kBtu/sf/yr) Other: Star 007) by 10% (Minin				
YES		LEED Certing Designed to Exceeds All Whole Build	nsumption Targ iffied o meet Energy SHRAE 90.1(20 ding Life Cycle	oet (kBtu/sf/yr) Other: Star 007) by 10% (Minin Cost Analysis Dem	num)	ective Design		
YES		Energy Con LEED Cert Designed to Exceeds A: Whole Build	nsumption Targ iffied o meet Energy SHRAE 90.1(20 ding Life Cycle	oet (kBtu/sf/yr) Other: Star 007) by 10% (Minim Cost Analysis Dem	num) nonstrating Cost Eff	ective Design		
YES	s to one or r	Energy Con LEED Certi Designed to Exceeds A: Whole Build Li nore of the	ified o meet Energy SHRAE 90.1(20 ding Life Cycle ife Cycle Cost A above, explair	oet (kBtu/sf/yr) Other: Star 007) by 10% (Minim Cost Analysis Dem	num) nonstrating Cost Eff	ective Design		
YES		Energy Con LEED Cert Designed to Exceeds A: Whole Build Li nore of the	ified o meet Energy SHRAE 90.1(2) ding Life Cycle	Other:Star D07) by 10% (Minim Cost Analysis Dem Analysis Software L	num) nonstrating Cost Eff	ective Design		
YES	es to one or r	Energy Con LEED Cert Designed to Exceeds A: Whole Build Li more of the Designed to	ified o meet Energy SHRAE 90.1(2) ding Life Cycle ife Cycle Cost A above, explain o be Net-Zero	Other:Star O07) by 10% (Minim Cost Analysis Dem Analysis Software Lawhy.	num) ionstrating Cost Eff Jsed:	ective Design		
YES	es to one or r	Energy Con LEED Cert Designed to Exceeds A: Whole Build Li nore of the Designed to Designed to	ified o meet Energy SHRAE 90.1(2) ding Life Cycle ife Cycle Cost A above, explain o be Net-Zero o be Net-Zero F es: (See List F	Other: Other: Star O7) by 10% (Minim Cost Analysis Dem Analysis Software L o why. Ready Ready	num) ionstrating Cost Eff Jsed:	ective Design		
YES	es to one or r	Energy Con LEED Cert Designed to Exceeds A: Whole Build Li more of the Designed to Designed to Juick the control of t	ified o meet Energy SHRAE 90.1(2) ding Life Cycle ife Cycle Cost A above, explain o be Net-Zero	Other:Star O07) by 10% (Minim Cost Analysis Dem Analysis Software Lawhy.	num) nonstrating Cost Eff Jsed: p Down List)	ective Design		
YES If not yes Energy East / W Gross E	es to one or r	Energy Con LEED Cert Designed to Exceeds A: Whole Build Li more of the Designed to Designed to ign Feature Orientation rea (sf):	ified o meet Energy SHRAE 90.1(2) ding Life Cycle ife Cycle Cost A above, explain o be Net-Zero o be Net-Zero F es: (See List F	Other: Other: Star O7) by 10% (Minim Cost Analysis Dem Analysis Software L o why. Ready Ready	num) Jonstrating Cost Eff Jsed: Down List) N Avg. Exter	ective Design IA ior Wall R-Value:		
YES If not ye Energy East / W Gross E: Gross W	es to one or r	Energy Con LEED Cert Designed to Exceeds A: Whole Build Li nore of the Designed to Designed to Designed to Tea (sf): Area (sf):	ified o meet Energy SHRAE 90.1(20 ding Life Cycle ife Cycle Cost A above, explain o be Net-Zero o be Net-Zero F es: (See List F	Other: Other: Star O7) by 10% (Minim Cost Analysis Dem Analysis Software L o why. Ready Ready	num) ionstrating Cost Effi Jsed: p Down List) Avg. Exter Avg. Wind	ective Design /A ior Wall R-Value:		
YES	es to one or r Efficient Des est Building Conterior Wall All findow / Door oof Area (sf):	Energy Con LEED Cert Designed to Exceeds A: Whole Build Li nore of the Designed to Designed to Designed to Tea (sf): Area (sf):	ified o meet Energy SHRAE 90.1(20 ding Life Cycle ife Cycle Cost A above, explain o be Net-Zero o be Net-Zero F es: (See List F	Other:Star Other:	num) ionstrating Cost Effi Jsed: p Down List) Avg. Exter Avg. Wind	ective Design //A ior Wall R-Value: ow/Door R-Value:		
YES	es to one or r Efficient Des est Building Cotterior Wall Ar findow / Door oof Area (sf):	Energy Con LEED Cert Designed to Exceeds A: Whole Build Li nore of the Designed to Designed to Designed to Tea (sf): Area (sf):	ified o meet Energy SHRAE 90.1(20 ding Life Cycle ife Cycle Cost A above, explain o be Net-Zero o be Net-Zero F es: (See List F	Other:Star Other:	num) ionstrating Cost Effi Jsed: p Down List) Avg. Exter Avg. Wind	ective Design //A ior Wall R-Value: ow/Door R-Value:	Other:	
YES	es to one or r Efficient Des est Building Cotterior Wall Ar findow / Door oof Area (sf):	Energy Con LEED Cert Designed to Exceeds A: Whole Build Li nore of the Designed to Designed to Designed to Tea (sf): Area (sf):	ified o meet Energy SHRAE 90.1(20 ding Life Cycle ife Cycle Cost A above, explain o be Net-Zero o be Net-Zero F es: (See List F	Other:Star Other:	num) ionstrating Cost Effi Jsed: p Down List) Avg. Exter Avg. Wind	ective Design //A ior Wall R-Value: ow/Door R-Value:	Other: _Other: _	
YES	es to one or r Efficient Des est Building C xterior Wall Ar indow / Door oof Area (sf): Wall Type:	Energy Con LEED Cert Designed to Exceeds A: Whole Build Li nore of the Designed to Designed to Designed to Tea (sf): Area (sf):	ified o meet Energy SHRAE 90.1(20 ding Life Cycle ife Cycle Cost A above, explain o be Net-Zero o be Net-Zero F es: (See List F	Other:Star Other:	num) ionstrating Cost Effi Jsed: p Down List) Avg. Exter Avg. Wind	ective Design //A ior Wall R-Value: ow/Door R-Value:	Other: _Other: _	
YES	es to one or r Efficient Des est Building Conterior Wall Air findow / Door oof Area (sf): Wall Type: Type: ystem Type:	Energy Con LEED Cert Designed to Exceeds A: Whole Build Li nore of the Designed to Designed to Designed to Tea (sf): Area (sf):	ified o meet Energy SHRAE 90.1(20 ding Life Cycle ife Cycle Cost A above, explain o be Net-Zero o be Net-Zero F es: (See List F	Other:Star Other:	num) ionstrating Cost Effi Jsed: p Down List) Avg. Exter Avg. Wind	ective Design //A ior Wall R-Value: ow/Door R-Value:	Other: _Other: _	
YES If not ye Energy East / W Gross E: Gross W Gross R Exterior R Exterior Classrood Active Da	es to one or r Efficient Des est Building Conterior Wall Ar rindow / Door oof Area (sf): Wall Type: Type: ystem Type: m Lighting:	Energy Con LEED Cert Designed to Exceeds A: Whole Build Li nore of the Designed to Designed to Designed to Tea (sf): Area (sf):	ified o meet Energy SHRAE 90.1(20 ding Life Cycle ife Cycle Cost A above, explain o be Net-Zero o be Net-Zero F es: (See List F	Other:Star Other:	num) Jonstrating Cost Efficiency Down List) Avg. Exter Avg. Wind	ective Design //A ior Wall R-Value: ow/Door R-Value:	Other: _Other: _Other: _Other: _	

OUTLINE SPECIFICATIONS ENERGY DESIGN CRITERIA

Air Purification System	ms: YES 🗌 NO 🗆		
Gray Water System :	YES NO	- -	
Low Water Use Fixture Other:	res: YES NO		
PLUMBING:	N/A		
Type of Sewage Disp	osal:		
HEATING, VENTILAT	TION AND AIR CONDITIONING:		
Heating Only:	Heating & Mechanical: Ventilation Only	HVAC:	A/C Only:
Fuel Source/Backup (if applicable):		
ELECTRICAL:	N/A		
Source of Electric Pov	wer:	Lighting Intensity (fc.): Std. Classrooms	
Voltage Serving Facili	ty:	Library/Madia Ctr	
Number of Convenien	ce Outlets:	Science Clrm Science Clrm Band/Music	
Classrooms Library/Media Center		Business Ed	
Business Ed		Chons	
Family & Consumer S	cience	Corridors Stairways	
Camera System:		Cafeteria	
		Pre-School Clrm Art Classroom	
		Gymnasium _	
SPECIAL	N/A		
System	Conduit Only	Conduit & Wiring	Complete with Equipment
Bell Clock	-		
Fire Alarm			
Intercom			
Telephone			
Television Computer		_	
Wireless Network			
Interactive White bd		_	
Voice Amplification			
FIXED EQUIPMENT:			
Teacher Cabinet		Custodial Room Shelves	
Student Lockers		Science Laboratories	
Folding Bleachers		Family & Consumer Sci	
Library Furnishings			et Resistant Glass & Panels
Dry Food Shelves		Other	
OLA SHARINA MARKATANIA MARKATANIA AMARAMA			

BG#____18-330_

OUTLINE SPECIFICATIONS ENERGY DESIGN CRITERIA

INTERIOR FINISI	H SCHEDULE:	N/A		
AREA	FLOOR	WAINSCOT	WALLS	CEILING
General Office Corridors Custodial Kitchen Cafeteria Gym Showers/Locker Toilets Library/Media Cntt Classrooms Music Art Science FMD				
OTHER AREAS Miscellaneous Proj	ject Specific Featur	es:		
			0	
Kentucky Registere	d Architect:	Monagour C Signature	Jouals	Date: April 15, 2019
Kentucky Registere	d Engineer:	Signature		Date:
Board Designee or	Superintendent:	Signature		Date:

KENTUCKY DEPARTMENT OF EDUCATION

702 KAR 4:160

BG-3 STATEMENT OF PROBABLE COST

	strict ame:	Woodfor	d Co.	District _Code:	601	Facility Name:	All Schools & Bd Off	ice	School Code:	090, 120 013, 084	
	Projec	t Name:	District Wid	le Security l	mprovements						
Pr	oject F	hase:		Desigņ D	evelopment:	□.	Construction	n Docu	ıments:	V	•
1.	Site	Developme	ent			\$					
2.	Gene	eral Constr	uction			\$	112,42	0			
3.	Heat	ing, Ventila	ation & Air Co	nditioning		20		_			
4.	Plum	bing (Inclu	de Sprinkler	System)		\$					
5.	Elect	rical Work						_			
6.		-	al System			\$		_			
7.			ion Cost (1-6)			29/		_\$	11	2,420.00	
8.			Cost (Purcha	ase Price)		\$		_			
9.	Legal	Services				\$	/ · · · · · · · · · · · · · · · · · · ·	_			
10.	Fisca	I Agent Fe	е .		9	\$	×	_			
11.	Bond	Discount				\$		_			
12.	Archit	tect/Engine	er Fee			\$	13,77	<u>1</u>			
13.	Const	truction/Ma	nager Fee (it	Applicable)	\$		_			
14.	Equip	ment/Furn	ishings (Not l	Fixed)/Com	puters	\$		_			
15.	Prope	erty & Topo	graphic Surv	ey		_					
16.	Geote	chnical Su	rvey & Repo	rt		\$		_			
17.	Speci	al Inspecti	ons			Φ.					
		tos Abate									
		nissioning				r		-			
		Review Fee					285	-			
21.	Printin	g & Distrib	ution of Bid [Docs		•		_			
		-	Minimum 5%		,		5,621	_			
		Cost (Des			9	\$		_			
24.	Total	Other Cos	t (8-23)					\$	19	9,677.00	
25.		TOTAL PI	ROJECT COS	ST (line 7 +	line 24)			\$	132	2,097.00	
		a.	Gross Square	e Foot Area	*					na	
b. Total Cost Per Square Footc. Total Cost Per Pupild. Gross Sq. Ft. Area of Alternates								na			
								\$33 +/-			
			Gross Sq. Ft. * Base Bid Ar		ernates						
		_	Architect/En	gineer: _	Mong	out (Soubs	Date:	April 15,	2019	
Con	struction	on Manage	er:			8/2		Date:			
Зоа	rd of E	ducation D	esignee:					Date:			