2023 Financial Assurance Estimate Form

(with pre-plat construction) Updated: 12/8/2022

PROJECT INFORMATION								
Falcon Highlands South	5/1/2023	PUDSP-22-005						
Project Name	Date	PCD File No.						

			Unit			· ·	Plat Construction)	
Description	Quantity	Units	Cost		Total	% Complete	Remaining	
SECTION 1 - GRADING AND EROSION CONTRO	L (Construction	and Perma		- II	de circo ele en	# 6 1 10 6 1		
Earthwork	0	CY	Sr	ow all	decimals or	rouna y	F 200 00	
less than 1,000; \$5,300 min 1,000-5,000; \$8,000 min	0	CY /	<i>/</i> ·				-,	
5,001-20,000; \$30,000 min		CY /	\$	nis has	been rounded	to // acr	es 🕌 –	
20,001-50,000; \$100,000 min	28,915	CY	\$ 3.50	=	\$ 101,202.50	1 6	101,202.50	
50,001-200,000; \$175,000 min	20,915	C Y	\$ 2.50		\$ 101,202.30	1 3	·	
greater than 200,000; \$500,000 min		CY	\$ 2.00		\$ -	1 3		
Permanent Erosion Control Blanket	0.0	SY	\$ 8.00		\$ -	1		
Permanent Seeding (inc. noxious weed mgmnt.) & Mulching	77.1	AC	\$ 1,875.00		\$ 144,618.75	4		
Permanent Pond/BMP (provide engineer's estimate)	2	EA	\$ 75,000.00		\$ 150,000.00	4		
Concrete Washout Basin	1	EA	\$ 1,089.00		\$ 1,089.00	9		
Inlet Protection	5	EA	\$ 202.00		\$ 1,010.00	9		
Rock Check Dam	1	EA	\$ 605.00		\$ 605.00	9		
Safety Fence	260	LF	\$ 3.00		\$ 780.00	9		
Sediment Basin	4	EA	\$ 2,132.00		\$ 8,528.00	9		
Sediment Trap	0	EA	\$ 500.00		\$ -	9	-,	
Silt Fence	10,555	LF	\$ 3.00		\$ 31,665.00	9		
Slope Drain	0	LF	\$ 40.00		\$ -	9		
Straw Bale	0	EA	\$ 31.00		\$ -	9		
Straw Wattle/Rock Sock	0	LF	\$ 7.00	-	\$ -	9		
Surface Roughening	77.1	AC	\$ 250.00		\$ 19,275.00	4		
Temporary Erosion Control Blanket	14,100.0	SY	\$ 3.00	=	\$ 42,300.00	4		
Temporary Seeding and Mulching	0.0	AC	\$ 1,666.00	=	\$ -	\$	-	
Vehicle Tracking Control	3	EA	\$ 2,867.00	=	\$ 8,601.00	4	8,601.00	
				=	\$ -	4	-	
[insert items not listed but part of construction plans]				=	\$ -	4	-	
	MAINTENANCE (35% of Cor	struction BMPs)	=	\$ 39,467.40	4	39,467.40	
* - Subject to defect warranty financial assurance. A minimum of 20% shall be retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)		Sec	ction 1 Subtota	l =	\$ 554,441.65		554,441.65	
CECTION 2 PURITO IMPROVEMENTO *								
SECTION 2 - PUBLIC IMPROVEMENTS * ROADWAY IMPROVEMENTS								
Construction Traffic Control	1.0	LS	\$ 5,000.00	=	\$ 5,000.00		5,000.00	
FAE should only include items for earl		Tons	\$ 34.00		\$ -	4		
	y grading	CY	\$ 61.00		\$ 758,230.00	4		
and utility construction. All public road								
		SY	\$ 17.00)	\$ -		-	
	d will be	SY SY	\$ 17.00 \$ 23.00		\$ - \$ 1.715.110.00	4		
improvements need to be removed an			\$ 23.00)	\$ 1,715,110.00	4	1,715,110.00	
improvements need to be removed an part of the FAE associated with the Fil		SY	\$ 23.00	1	T .	4	5 1,715,110.00 5 -	
improvements need to be removed an part of the FAE associated with the Fil submittal		SY SY	\$ 23.00 \$ 35.00	=	\$ 1,715,110.00 \$ -	9	5 1,715,110.00 5 -	
improvements need to be removed an part of the FAE associated with the Firsubmittal	nal Plat	SY SY Tons	\$ 23.00 \$ 35.00 \$ 106.00	= =	\$ 1,715,110.00 \$ - \$ -	4	5 1,715,110.00 5 - 5 -	
improvements need to be removed an part of the FAE associated with the Fir submittal	nal Plat	SY SY Tons SF	\$ 23.00 \$ 35.00 \$ 106.00 \$ 10.00) =) =) =	\$ 1,715,110.00 \$ - \$ - \$ -	4	5 1,715,110.00 5 - 5 - 5 - 5 9,100.00	
improvements need to be removed an part of the FAE associated with the Filsubmittal All roadway / public improvements	nal Plat ent items	SY SY Tons SF EA EA	\$ 23.00 \$ 35.00 \$ 106.00 \$ 10.00 \$ 364.00) =) =) =) =	\$ 1,715,110.00 \$ - \$ - \$ - \$ 9,100.00	4 4 4	5 1,715,110.00 5 - 5 - 5 - 5 9,100.00 5 8,750.00	
improvements need to be removed an part of the FAE associated with the Fil submittal All roadway / public improvements have been removed and will be	ent items	SY SY Tons SF EA EA	\$ 23.00 \$ 35.00 \$ 106.00 \$ 10.00 \$ 364.00 \$ 350.00		\$ 1,715,110.00 \$ - \$ - \$ - \$ 9,100.00 \$ 8,750.00	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	5 1,715,110.00 6 - 6 - 6 9,100.00 6 8,750.00	
improvements need to be removed an part of the FAE associated with the Fil submittal All roadway / public improvements	ent items	SY SY Tons SF EA EA SF	\$ 23.00 \$ 35.00 \$ 106.00 \$ 10.00 \$ 364.00 \$ 350.00 \$ 16.00		\$ 1,715,110.00 \$ - \$ - \$ - \$ 9,100.00 \$ 8,750.00	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	5 1,715,110.00 5	
improvements need to be removed an part of the FAE associated with the First submittal All roadway / public improvements have been removed and will be their respective final plat packa	ent items	SY SY Tons SF EA EA SF SF	\$ 23.00 \$ 35.00 \$ 106.00 \$ 10.00 \$ 364.00 \$ 350.00 \$ 16.00 \$ 28.00		\$ 1,715,110.00 \$ - \$ - \$ - \$ 9,100.00 \$ 8,750.00 \$ - \$ 210,000.00	4 4 4 4 4 4 4	5 1,715,110.00 5	
improvements need to be removed an part of the FAE associated with the Fil submittal All roadway / public improvements have been removed and will be	ent items	SY SY Tons SF EA EA SF SF EA EA LF	\$ 23.00 \$ 35.00 \$ 106.00 \$ 10.00 \$ 364.00 \$ 350.00 \$ 16.00 \$ 28.00		\$ 1,715,110.00 \$ - \$ - \$ - \$ 9,100.00 \$ 8,750.00 \$ - \$ 210,000.00 \$ -	4 4 4 4 4 4 4	5 1,715,110.00 6 - 6 - 6 9,100.00 6 8,750.00 6 210,000.00	
mprovements need to be removed an part of the FAE associated with the Figure Submittal All roadway / public improvements have been removed and will be their respective final plat packat positions Curb and Gutter, Type B (Median)	ent items e placed in ge	SY SY Tons SF EA EA EA LF LF	\$ 23.00 \$ 35.00 \$ 106.00 \$ 10.00 \$ 364.00 \$ 350.00 \$ 28.00 \$ 241.00 \$ 29.00 \$ 35.00		\$ 1,715,110.00 \$ - \$ - \$ - \$ 9,100.00 \$ 8,750.00 \$ - \$ 210,000.00 \$ -	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	5 1,715,110.00 6	
mprovements need to be removed an part of the FAE associated with the Figure Submittal All roadway / public improvements have been removed and will be their respective final plat packat positions Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp)	ent items e placed in ge	SY SY Tons SF EA EA EA LF LF LF	\$ 23.00 \$ 35.00 \$ 106.00 \$ 10.00 \$ 364.00 \$ 28.00 \$ 241.00 \$ 29.00 \$ 35.00 \$ 35.00		\$ 1,715,110.00 \$ - \$ - \$ 9,100.00 \$ 8,750.00 \$ - \$ 210,000.00 \$ - \$ 1,202,250.00 \$ - \$ -	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	5 1,715,110.00 6	
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mprovements need to be removed an part of the FAE associated with the Figure 1 and 1	ent items e placed in ge 0.0 0.0 0.0 0.0 35,500.0 0.0 39,0	SY SY Tons SF EA EA SF EA LF LF LF SY SY SY SY SY EA	\$ 23.00 \$ 35.00 \$ 106.00 \$ 364.00 \$ 350.00 \$ 28.00 \$ 241.00 \$ 29.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 37.00 \$ 35.00 \$		\$ 1,715,110.00 \$ - \$ - \$ 9,100.00 \$ 8,750.00 \$ 210,000.00 \$ - \$ 21,202,250.00 \$ - \$ 1,202,250.00 \$ - \$ - \$ 5,3088,500.00 \$ - \$ 54,210.00		5 1,715,110.00 5	
mprovements need to be removed an part of the FAE associated with the Figure 1 and 1	ent items e placed in ge	SY SY Tons SF EA EA EA LF LF LF SY SY SY SY SY LF	\$ 23.00 \$ 35.00 \$ 106.00 \$ 364.00 \$ 365.00 \$ 28.00 \$ 241.00 \$ 29.00 \$ 35.00 \$ 35.00 \$ 372.00 \$ 72.00 \$ 11,390.00 \$ 73.00		\$ 1,715,110.00 \$ - \$ - \$ 9,100.00 \$ 8,750.00 \$ - \$ 210,000.00 \$ - \$ 1,202,250.00 \$ - \$ 1,308,500.00 \$ - \$ - \$ 3,088,500.00 \$ - \$ 3,088,500.00 \$ - \$ 54,210.00		1,715,110.00 1,715	
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PROJECT INFORMATION								
Falcon Highlands South	5/1/2023	PUDSP-22-005						
Project Name	Date	PCD File No.						

Description	on Quantity Uni						Total	(with Pre	-Plat Construction) Remaining		
resemption:	Quantity	Omes		ost	=	\$	-	/o complete	\$	-	
fingert items not lieted but pad of construction plans	$\sim\sim$	~~	~	~~	\sim	*	\sim	\sim	\$		
STORM DRAIN IMPROVEMENTS		- , , ,						, , ,	7		
Concrete Box Culvert (M Standard), Size (W x H)	0	LF			=	\$	-		\$	-	
18" Reinforced Concrete Pipe	1,305	LF	\$	76.00	=	\$	99,180.00		\$	99,180.00	
24" Reinforced Concrete Pipe	1,276	LF	\$	91.00	=	\$	116,116.00		\$	116,116.00	
30" Reinforced Concrete Pipe	1,515	LF	\$	114.00	=	\$	172,710.00		\$	172,710.00	
36" Reinforced Concrete Pipe	317	LF	\$	140.00		\$	44,380.00		\$	44,380.00	
42" Reinforced Concrete Pipe	1,404	LF	\$	187.00	=	\$	262,548.00		\$	262,548.00	
48" Reinforced Concrete Pipe	597	LF	\$	228.00	=	\$	136,116.00		4	136,116.00	
54" Reinforced Concrete Pipe		LF	\$	297.00					\$	103,950.00	
60" Reinforced Concrete Pipe	350	LF	Ś		=	\$	103,950.00		>	103,950.00	
66" teinforced Concrete Pipe	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\ __\	å k	348.00	λ = λ	* X	1		*	<i>x x x x</i>	
72" Reinforced Concrete Pine			ŝ 🔾	460.00		\$			\$		
	1				_ =	\$	-		\$	-	
No permanent storm sewer im	provemer	nts were	e nee	ded	=	\$	-		\$	-	
•	•				Mov	<i>l</i> e ar	nything		\$	-	
for the anticipated early mass	grading. <i>F</i>	vii items	s nave	Ե					\$	-	
been removed and will be place	ed in thei	r annro	nriate	ڎ	nee-	Med	for earl	V	\$	-	
•		. appio	Pilate	•		т		-	\$		
final plat positions.					ara	dina	to Sect	ion 1	\$	-	
<u> </u>						φ -	_		\$	-	
60" Corrugated Steel Pipe	0	LF	\$	328.00	f or ∣	€GP	-		\$	-	
66" Corrugated Steel Pipe	0	LF	\$	397.00	= .	\$	-		\$	-	
72" Corrugated Steel Pipe	0	LF	\$	467.00	=	\$	-		\$	-	
78" Corrugated Steel Pipe	0	LF	\$	537.00	=	\$	-		\$	-	
84" Corrugated Steel Pipe	0	LF	\$	642.00	=	\$	-		\$	-	
Flared End Section (FES) RCP Size =	0					•					
(unit cost = 6x pipe unit cost)	0	EA			=	\$	-		\$	-	
Flared End Section (FES) CSP Size =	0				=	\$	_		\$	_	
(unit cost = 6x pipe unit cost)		EA			_				_		
End Treatment- Headwall	0	EA			=	\$	-		\$	-	
End Treatment- Wingwall	0	EA			=	\$	-		\$	-	
End Treatment - Cutoff Wall	0	EA			=	\$	-		\$	-	
Curb Inlet (Type R) L=5', Depth < 5'	0	EA	\$ 6	6,703.00	=	\$	-		\$	-	
Curb Inlet (Type R) L=5', 5' ≤ Depth < 10'	24	EA		8,715.00	=	\$	209,160.00		\$	209,160.00	
Curb Inlet (Type R) L =5', 10' ≤ Depth < 15'	0	EA	\$ 10	0,092.00	=	\$	-		\$	-	
Curb Inlet (Type R) L =10', Depth < 5'	0	EA	\$ 9	9,224.00	=	\$	-		\$	-	
Curb Inlet (Type R) L =10', 5' ≤ Depth < 10'	5	EA	\$ 9	9,507.00	=	\$	47,535.00		\$	47,535.00	
Curb Inlet (Type R) L =10', 10' ≤ Depth < 15'	0	EA	\$ 11	1,901.00	=	\$	-		\$	-	
Curb Inlet (Type R) L =15', Depth < 5'	0	EA	\$ 11	1,995.00	=	\$	-		\$	-	
Curb Inlet (Type R) L =15', 5' ≤ Depth < 10'	2	EA		2,858.00	=	\$	25,716.00		\$	25,716.00	
Curb Inlet (Type R) L =15', 10' ≤ Depth < 15'	0	EA		4,061.00	=	\$			\$	-,	
Curb Inlet (Type R) L =20', Depth < 5'	0	EA		2,783.00	=	\$	-		\$	-	
Curb Inlet (Type R) L =20', 5' ≤ Depth < 10'	0	EA		4,109.00		\$			\$		
Grated Inlet (Type C), Depth < 5'	0	EA		5.611.00	=	\$			\$		
Grated Inlet (Type D), Depth < 5'	0	EA	-	6,931.00	_	\$			4	<u> </u>	
Storm Sewer Manhole, Box Base	41	EA		4,061.00	_	\$	576,501.00		4	576,501.00	
Storm Sewer Manhole, Slab Base	0	EA		7,734.00	=	\$	370,301.00		\$	370,301.00	
Geotextile (Erosion Control)	0	_QV _	/ د	0.00		ф			4		
		λ^{T}	Y	9700		*	$\wedge \wedge \wedge$		*		
Rip Rap, d50 size from 6" to 24"	0.0	Tons	\$	97.00	_ = '	p	-		*	-	
Rip Rap, Grouted	0.0	Tons	\$	115.00	=	\$	-		\$	-	
Drainage Channel Construction, Size (W x H)	11,052	LF	\$	-	=	\$	-		\$	-	
Drainage Channel Lining, Concrete	0	CY	\$	689.00	=	\$	-		\$	-	
Drainage Channel Lining, Rip Rap	0	CY	\$	135.00	=	\$	-		\$	-	
Drainage Channel Lining, Grass	5.1	AC	\$ 1	1,776.00	=	\$	9,004.32		\$	9,004.32	
Drainage Channel Lining, Other Stabilization	0				=	\$			\$	<u> </u>	
		لكر	\cup		λ	لبلو	ككر	$\mathcal{L}\mathcal{L}$	\$	للللا	
[insert items not listed but part of construction plans]					=	\$	-		\$	-	
- Subject to defect warranty financial assurance. A minimum of 20% shall be											
etained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)			ction 2 S				354,139.32			8,854,139.32	

No permanent channel improvements were needed for the anticipated early mass grading. All items have been removed and will be placed in their appropriate final plat positions.

Move items needed for early grading to Section 1 for EGP

PROJECT INFORMATION								
Falcon Highlands South	5/1/2023	PUDSP-22-005						
Project Name	Date	PCD File No.						

							Unit								(wi	th Pro	e-Plat	t Constr	uction)
Description		Qua	ntity	Unit	ts		Cost				To	otal		%	Comp	lete		Rem	aining
SECTION 3 - COMMON DEVELOPMENT IMP	ROV	EMEN	TS (Pr	ivate o	r Dis	trict	t and NOT	Maint	aineo	bv	EPC)	* *							
ROADWAY IMPROVEMENTS																			
								_		\$			-				\$		-
								-		\$			-				\$		-
								-		\$			-				\$		-
								-		\$			-				\$		-
								-		\$			-				\$		-
								_		\$			-				\$		-
STORM DRAIN IMPROVEMENTS (Ex	ception	: Perma	nent Po	nd/BMP s	hall b	e iten	nized under Se	ection 1)											
								=		\$			-				\$		-
								-		\$			-				\$		-
								-		\$			-				\$		-
								-		\$			-				\$		-
								_ =		\$				L	_		\$		
			$ \uparrow $	Y	$\overline{}$	Y	$ \uparrow $	Y Y	Y	\$			\sim	Y	$\overline{}$	$\overline{}$	\$		λ
WATER SYSTEM IMPROVEMENTS	\-																		
Water Main Pipe (PVC), Size 8"			12,992			\$	78.00	-		\$		1,013,	376.00				\$		1,013,376.00
Water Main Pipe (Ductile Iron), Size 8"	\rightarrow		0	LF		\$	91.00	-		\$			-				\$		-
Gate Valves, 8"			92	EA	١.	\$	2,247.00	-		\$		206,	724.00				\$		206,724.00
Fire Hydrant Assembly, w/ all valves			44	EA	١.	\$	7,978.00	-		\$		351,	032.00				\$		351,032.00
Water Service Line Installation, inc. tap and valves	<u> </u>		405	EA	١.	\$	1,601.00	=		\$		648,	405.00				\$		648,405.00
Fire Cistern Installation, complete				EA	١.			-		\$			-				\$		-
	\rightarrow							-		\$			-				\$		-
[insert items not listed but part of construction plans]								-		\$			-				\$		-
SANITARY SEWER IMPROVEMENTS																			
Sewer Main Pipe (PVC), Size 8"	<u> </u>		13,586			\$	78.00	-		\$		1,059,	708.00				\$		1,059,708.00
Sanitary Sewer Manhole, Depth < 15 feet	_(73			\$	5,305.00	=		\$		387,	265.00				\$		387,265.00
Sanitary Service Line Installation, complete	4		Q	EA	١,	\$	1,696.00	_ =		\$,				\$, ,-
Sanitary Sewer Lift Station, complete			<u> </u>	<u></u> ►	\sim	\sim		\sim	\sim	\$		\sim	\sim	\sim	\sim	\sim	1	\sim	
								_ =		\$			-				\$		-
[insert items not listed but part of construction plans]								-		\$			-				\$		-
LANDSCAPING IMPROVEMENTS	(Fo	or subdi	ision sp	ecific con	dition	of ap	proval, or PUE))											
				EA				_ =		\$			-				\$		-
				EA				-		\$			-				\$		-
				EA				_ =		\$			-				\$		-
				EA				_ =		\$			-				\$		-
				EA				-		\$			-				\$		-
** - Section 3 is not subject to defect warranty requirements					Sec	tion	3 Subtotal	=	:	\$	3,66	66,51	0.00				\$	3,66	6,510.00

All items have been removed and will be placed in their appropriate final plat positions.

Delete

		PROJECT	INFORMATIO	ON							
Falcon Highlands South			5/1/2023			P	UDSP-22-005				
Project Name	•		Date			PCD File No.					
			Unit			(with Pr	e-Plat Construction)				
Description	Quantity	Units	Cost		Total	% Complete	Remaining				
AS-BUILT PLANS (Public Improvements inc. Permanent W		LS		=	\$ -		\$				
POND/BMP CERTIFICATION (inc. elevations and volume ca	alculations)	LS		=	\$ -		\$				
adjust EAE to apply include				T-4-1	Canatometica Finance	.:-!					
adjust FAE to only include			(0 ()		Construction Financ		\$ 13,075,090.				
costs associatedwith			(Sum of all s	ection subtota	als plus as-builts and pond/l	BMP certification)					
preliminary grading, or inclu	Ide Total Bo	maining Co	netruction Fin	ancial Aeeı	ırance (with Pre-Plat	Construction	A 12.07F.000				
costs					te plus as-builts and pond/l						
	(Suiii	or all section to	olais iess credit ioi	items comple	te pius as-builts and pond/t	bivir certification)					
				Total De	efect Warranty Finance	ial Assurance	\$ 1,851,052.				
S NOO LICATOR		(20% of all	itama identified on		ateralized at time of prelimi		\$ 1,051,U52				
\$ 0km		(20% Of all	items identified as	(). To be con-	ateralized at time of prelimi	nary acceptance)					
FOX TRD D. TO TANK											
90 × 19/0	\										
Approval											
I hereby certify that this is an accurate and complete estimate	of costs for the w	ork as					d with the Project.				
		All i	tems not	specific	cally related to	o initial					
		•		•	g have been						
			•	graum	y nave been						
WY JSION IN THE		rem	oved.								
TONAL CONTRACTOR											
- All Illino		_									
Engineer (P.E. Seal Required)											
Approved by Owner / Applicant		_	Date								
Approved by Owner / Applicant			Date								
Approved by El Paso County Engineer / ECM Administrator	$\overline{}$	_	Date								
F ,											

Please note all engineering related documents will be signed & sealed at once following El Paso verbal approvals.