Estimate Form (with pre-plat construction)

Project Information	
Windingwalk Filing 1 at Meridian Ranch	12/12/2017
Project Name	Date

Section 1 - Grading and Erosion Control BMPs	Quantity	Units			Price			% Complet	Remaining
Earthwork*	459,000.000	CY	@	\$	5	=	\$ 2,295,000		\$ 2,295,000
Permanent Seeding*	163.900	AC	@	\$	582	=	\$ 95,390		\$ 95,390
Mulching*	163.900	AC	@	\$	507	=	\$ 83,097		\$ 83,097
Permanent Erosion Control Blanket*		SY	@	\$	6	=	\$		\$ -
Temporary Erosion Control Blanket	15,495.000	SY	@	\$	3		\$ 46,485		\$ 46,485
Vehicle Tracking Control	1.000	EA	@	\$	1,625	=	\$ 1,625		\$ 1,625
Safety Fence		LF	@	\$	3	=	\$		\$ -
Silt Fence	6,811.000	LF	@	\$	4	=	\$ 27,244		\$ 27,244
Temporary Seeding		AC	@	\$	485	=	\$		\$ -
Temporary Mulch		AC	@	\$	507	=	\$		\$ -
Erosion Bales	871.000	EA	@	\$	21	=	\$ 18,291		\$ 18,291
Erosion Logs	1,328.000	LF	@	\$	6	=	\$ 7,968		\$ 7,968
Rip Rap, d50 Size from 6" to 24"	1,218.000	CY	@	\$	98	=	\$ 119,364		\$ 119,364
Rock Ditch Checks		EA	@	\$		=	\$		\$ -
Inlet Protection	26.000	EA	@	\$	153	=	\$ 3,978		\$ 3,978
Sediment Basin		EA	@	\$	1,625	=	\$		\$ -
Concrete Washout Basin	1.000	EA	@	\$	776	=	\$ 776		\$ 776
Detention Basin Outlet Structures	3.000		@	\$	10,000	=	\$ 30,000		\$ 30,000
* specified items subject to defect warranty financial assurance. A minimum of 20% to be retained up to preliminary acceptance process.				Section	on 1 Subtota	-	\$ 2,729,218		\$ 2,729,218

Provide a cost.

Section 2 - Public Improvements**	Quantity	Units		roposed restapleton wi				% Complet	Remaining	
- Roadway Improvements				affic contro		equire				
Construction Traffic Control		LS	u	anic contro	١.				\$ -	*
Aggregate Base Course (8" @ 150 lbs/cu.ft.)	29,715.0	Tons	@	\$ 18	=	\$	534,870		\$ 534,870	*
Asphalt Pavement (3" @ 145 lbs/cu.ft.)	10,772.0	Tons	@	\$ 65	=	\$	700,180		\$ 700,180	*
Raised Median, Paved		SF	@	\$ 7	=	\$			\$ -	*
Electrical Conduit, Size =		LF	@	\$ 14	=	\$			\$ -	*
Traffic Signal, complete intersection		EA	@	\$ 250,000	=	\$			\$ -	*
Regulatory Sign	21.0	EA	@	\$ 100	=	\$	2,100		\$ 2,100	*
Advisory Sign	9.0	EA	@	\$ 100	=	\$	900		\$ 900	*
Guide/Street Name Sign	19.0	EA	@	\$ 100		\$	1,900		\$ 1,900	*
Epoxy Pavement Marking	5,702.0	SF	@	\$ 12	=	\$	68,424		\$ 68,424	*
Thermoplastic Pavement Marking	72.0	SF	@	\$ 22	=	\$	1,584		\$ 1,584	*
Barricade - Type 3	8.0	EA	@	\$ 115	=	\$	920		\$ 920	*
Delineator (Type I)		EA	@	\$ 21	=	\$			\$ -	*
Curb and Gutter, Type C (Ramp)	19,734.0	LF	@	\$ 21	=	\$	414,414		\$ 414,414	*
Curb and Gutter, Type A (6" Vertical)	14,150.0	LF	@	\$ 16	=	\$	226,400		\$ 226,400	*
Curb and Gutter, Type B (Median)		LF	@	\$ 13	=	\$			\$ -	*
5' Pedestrian Ramp	439.0	SY	@	\$ 108	=	\$	47,412		\$ 47,412	*
6' Pedestrian Ramp	320.0	SY	@	\$ 108	=	\$	34,560		\$ 34,560	*
Mid Block Pedestrian Ramp	135.0	SY	@	\$ 108	=	\$	14,580		\$ 14,580	*

Cross Pan	236.0	SY	@	\$	53	=	\$ 12,508	\$	12,508
Curb Chase		EA	@	\$	1,300	=	\$	\$	-
- Storm Drain Improvements									
Concrete Box Culvert (M Standard), Size (W x H)		LF	@	\$		=	\$	\$	-
Reinforced Concrete Pipe (RCP) Size		LF	@	\$		=	\$	\$	-
18" Reinforced Concrete Pipe	1,600.0	LF	@	\$	69	=	\$ 110,400	\$	110,400
24" Reinforced Concrete Pipe	1,310.0	LF	@	\$	84	=	\$ 110,040	\$	110,040
30" Reinforced Concrete Pipe	1,215.0	LF	@	\$	94	=	\$ 114,210	\$	114,210
36" Reinforced Concrete Pipe	902.0	LF	@	\$	124	=	\$ 111,848	\$	111,848
42" Reinforced Concrete Pipe(62' from grading)	1,309.0	LF	@	\$	134	=	\$ 175,406	\$	175,406
48" Reinforced Concrete Pipe	1,277.0	LF	@	\$	178	=	\$ 227,306	\$	227,306
Flared End Section (FES) RCP(1) from grading	3.0	EA	@	\$	650	=	\$ 1,950	\$	1,950
End Treatment - Cutoff Wall		EA	@	\$	1,000	=	\$	\$	-
Curb Inlet (Type R) L=5', Depth < 5 feet		EA	@	\$	3,791	=	\$	\$	-
Curb Inlet (Type R) L=5', 5'-10' Depth	3.0	EA	@	\$	5,044		\$ 15,132	\$	15,132
Curb Inlet (Type R) L =5' , 10'-15' Depth		EA	@	\$	6,027	=	\$	\$	-
Curb Inlet (Type R) L =10', Depth < 5 feet		EA	@	\$	5,528	=	\$	\$	-
Curb Inlet (Type R) L =10' , 5'-10' Depth	12.0	EA	@	\$	6,694	=	\$ 80,328	\$	80,328
Curb Inlet (Type R) L =10' , 10'-15' Depth		EA	@	\$	7,500	=	\$	\$	-
Curb Inlet (Type R) L =15', Depth < 5 feet		EA	@	\$	7,923	=	\$	\$	-
Curb Inlet (Type R) L =15' , 5'-10' Depth	7.0	EA	@	\$	8,000	=	\$ 56,000	\$	56,000
Curb Inlet (Type R) L =15' , 10'-15' Depth	-	EA	@	\$	8,800	=	\$	\$	-
Curb Inlet (Type R) L =20', Depth < 5 feet		EA	@	\$	8,000	=	\$	\$	-
Curb Inlet (Type R) L =20' , 5'-10' Depth	4.0	EA	@	\$	8,830	=	\$ 35,320	\$	35,320
Curb Inlet (Type R) L =','' Depth		EA	@	\$		=	\$	\$	-
Curb Inlet (Type R) L =','' Depth		EA	@	\$		=	\$	\$	-
Grated Inlet (Type C), < 5' deep	4.0	EA	@	\$	3,270	=	\$ 13,080	\$	13,080
Temp. CMP Inlet	1.0	EA	@	\$	2,800	=	\$ 2,800	\$	2,800
Storm Sewer Manhole, Box Base, Depth < 15 feet	6.0	EA	@	\$	8,592	=	\$ 51,552	\$	51,552
Storm Sewer Manhole, Slab Base, Depth < 15 feet	23.0	EA	@	\$	4,575	=	\$ 105,225	\$	105,225
Geotextile (Erosion Control)		SY	@	\$	5	=	\$	\$	-
Rip Rap, d50 Size from 6" to 24"	42.9	CY	@	\$	98	=	\$ 4,204	\$	4,204
Rip Rap, Grouted		CY	@	\$	215	=	\$	\$	-
Drainage Channel Construction, Size (W x H)		LF	@	\$		=	\$	\$	-
Channel Lining, Concrete		CY	@	\$	450	=	\$	\$	-
Channel Lining, Rip Rap		CY	@	\$	98	=	\$	\$	-
Channel Lining, Grass		AC	@	\$	1,287	=	\$	\$	-
Channel Lining, Other Stabilization		SY	@	\$	3	=	\$	\$	-
Detention Outlet Structure		EA	@	\$		=	\$	\$	-
Detention Emergency Spillway		EA	@	\$		=	\$	\$	-
Permanent Water Quality Facility (Describe)		EA	@	\$		=	\$	\$	-
* specified items subject to defect war anty financial assurance. A minimum of 20% to be retained up to						Ш			
preliminary acceptance process. + For flared end							2 275 552	_	2 275 552 *
sections, multiply pipe LF cost by 6				Contine	n 2 Subtota	=	3,275,553 \$	\$	3,275,553 *

Add the sub-regional pond. Cost must equal either the engineer's estimate or the DBPS cost estimate listed in the FDR, whichever is lesser.

Section 3 - Common Development Improvements (Private or District)***	Quantity	Units			Price			% Complet	Remaining
- Roadway Improvements									
(Include any applicable items from above Public			@	\$		=	\$		\$ -
Improvements list, that are to be private and NOT			@	\$		=	\$		\$ -
maintained by El Paso County)			@	\$		=	\$		\$ -
Concrete Sidewalk (5')	13,289.0	SY	@	\$	38	=	\$ 504,9	82	\$ 504,982
Concrete Sidewalk (6')	8,756.0	SY	@	\$	38	=	\$ 332,7	28	\$ 332,728
			@	\$		=	\$		\$ -
			@	\$		=	\$		\$ -
- Storm Drain Improvements									
(Include any applicable items from above Public			@	\$		=	\$		\$ -
Improvements list, that are to be private and NOT			@	\$		=	\$		\$ -
maintained by El Paso County)			@	\$		=	\$		\$ -
			@	\$		=	\$		\$ -
			@	\$		=	\$		\$ -
			@	\$		=	\$		\$ -
- Water System Improvements									
Water Main Pipe (PVC), Size 8"	13,156.0	LF	@	\$	94	=	\$ 1,236,0	64	\$ 1,236,664
Water Main Pipe (PVC), Size 10"	2,065.0	LF	@	\$	105	=	\$ 216,8	_	\$ 216,825
Water Main Pipe (PVC), Size 12"	1,309.0	LF	@	\$	115	=	\$ 150,	_	\$ 150,535
Raw Water Main Pipe (PVC), Size 12"		LF	@	\$	115	=	\$		\$ -
Raw Water Main Pipe (PVC), Size 6"		LF	@	\$	89	=	\$		\$ -
Gate Valves, 8"	44.0	EA	@	\$	1,852	=	\$ 81,	88	\$ 81,488
Gate Valves, 10"	8.0	EA	@	\$	1,925	=	\$ 15,	_	\$ 15,400
Gate Valves, 12"	3.0	EA	@	\$	2,000	=	_	00	\$ 6,000
Butterfly Valves, 14"	-	EA	@	\$	2,100	=	\$		\$
Fire Hydrant Assembly w/ all valves	38.0	EA	@	\$	6,430	=	\$ 244,3	40	\$ 244,340
Water Service Line Installation, including tap and valves	369.0	EA	@	\$	1,253	=	\$ 462,3	57	\$ 462,357
Pump Station, complete	·	EA	@	\$	50,000	=	\$		\$
Air/Vac Valve & Vault, complete		EA	@	\$	3,500	=	\$		\$ -
- Sanitary Sewer Improvements						\vdash			
Sewer Main Pipe (PVC), Size 8"	15,722.0	LF	@	\$	94	=	\$ 1,477,8	68	\$ 1,477,868
Sanitary Sewer Manhole, Depth < 15 feet	50.0	EA	@	\$	4,575	=	\$ 228,	_	\$ 228,750
Sanitary Service Line Installation, complete	360.0	EA	@	\$	1,516	=	\$ 545,7	_	\$ 545,760
Sewer Main Pipe (PVC), Size 15"		LF	@	\$	96	=	\$		\$ -
- Landscaping (If Applicable)									
(List landscaping line items and cost - usually only in case of subdivision specific condition of approval, or		EA	@	\$		=	\$		\$ -
PUD)		EA	@	\$		=	\$		
		EA	@	\$		=	\$		\$ -
		EA	@	\$		=	\$		\$ -
		EA	@	\$		=	\$		\$ -
****items in this section are not subject to defect warranty			Ш						
financial assurance				Section	3 Subtotal	=	\$ 5,503,0	97	\$ 5,503,697

Financial Assurance Totals As-built drawings - (FILL IN IF THERE	ARE ANY PUBLICLY-MAINTAIN	IED IMPROVEME	NTS) \$	\$1,000
(Inc. survey to verify detention pond		ILD IMP ROVEME	Total Construction Financial Assurance	\$11,509,468
(The. survey to verify detertion pond	volumes.)			\$11,509,400
			(Sum of all section subtotals)	
		Total F	Remaining Construction Financial Assurance	\$11,509,468
			(Sum of all section totals less credit for items complete)	
			Total Defect Warranty Financial Assurance	\$1,149,808
	(20% of all items identified as put	hlic improvements	(*). To be collateralized at time of preliminary acceptance)	+-//
	(20% of all Romo laonanea ao par	one improvemento	y. To be conditionallized at time of promitting acceptance,	
Approvals				
Approvais				
I hereby certify that this is an accurate	e and complete estimate of costs fo	or the work as show	wn on the approved Construction Drawings associated with th	e Proiect.
		24.420		
THOMAS A. KERBY, PE		31429	Date	
Engineer	(P.E. Seal)			
Raul Guzman	VICE PRESIDENT		Date	
Approved by Owner / Applicant				
Approved by El Paso Couny Engineer /	ECM Administrator		Date	

Markup Summary

dsdlaforce (2)



Subject: Callout Page Label: 1 Lock: Unlocked Author: dsdlaforce

Provide a cost. Proposed restriping of Stapleton will require traffic control.



Subject: Callout Page Label: 2 Lock: Unlocked Author: dsdlaforce

Add the sub-regional pond. Cost must equal either the engineer's estimate or the DBPS cost estimate listed in the FDR, whichever is lesser.