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# Review

11/27/2023 1:43:08 PM CDR237

2022 Financial A  
(with pre-plat c

El Paso County jurisdiction included in this FAE Updated: 11/4/2021

Hwy. 105 / Jackson Creek Pkwy. Int. Improvements	2/24/2023	CDR-
Project Name	Date	PCD File No.

Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction)		
						% Complete	Remaining	
<b>SECTION 1 - GRADING AND EROSION CONTROL (Construction and Permanent BMPs)</b>								
* Earthwork								
less than 1,000; \$5,300 min		CY	\$ 8.00	=	\$ -		\$ -	
1,000-5,000; \$8,000 min	2,000	CY	\$ 6.00	=	\$ 12,000.00		\$ 12,000.00	
5,001-20,000; \$30,000 min		CY	\$ 5.00	=	\$ -		\$ -	
20,001-50,000; \$100,000 min		CY	\$ 3.50	=	\$ -		\$ -	
50,001-200,000; \$175,000 min		CY	\$ 2.50	=	\$ -		\$ -	
greater than 200,000; \$500,000 min		CY	\$ 2.00	=	\$ -		\$ -	
* Permanent Seeding (inc. noxious weed mgmnt.)	0.2	AC	\$ 886.00	=	\$ 177.20		\$ 177.20	
* Mulching	0.2	AC	\$ 831.00	=	\$ 166.20		\$ 166.20	
* Permanent Erosion Control Blanket	650	SY	\$ 7.00	=	\$ 4,550.00		\$ 4,550.00	
* Permanent Rain Garden BMPs Construction		CY	\$ 22.00	=	\$ -		\$ -	
* Permanent Rain Garden BMPs		EA	\$ 30,000.00	=	\$ -		\$ -	
		EA		=	\$ -		\$ -	
Safety Fence		LF	\$ 3.00	=	\$ -		\$ -	
Temporary Erosion Control Blanket		SY	\$ 3.00	=	\$ -		\$ -	
Vehicle Tracking Control	1	EA	\$ 2,625.00	=	\$ 2,625.00		\$ 2,625.00	
Silt Fence	350	LF	\$ 3.00	=	\$ 1,050.00		\$ 1,050.00	
Temporary Seeding		AC	\$ 695.00	=	\$ -		\$ -	
Temporary Mulch		AC	\$ 831.00	=	\$ -		\$ -	
Erosion Bales		EA	\$ 28.00	=	\$ -		\$ -	
Erosion Logs/Straw Wattles	45	LF	\$ 6.00	=	\$ 270.00		\$ 270.00	
Rock Check Dams		EA	\$ 554.00	=	\$ -		\$ -	
Inlet Protection	2	EA	\$ 185.00	=	\$ 370.00		\$ 370.00	
Sediment Basin		EA	\$ 1,952.00	=	\$ -		\$ -	
Concrete Washout Basin		EA	\$ 997.00	=	\$ -		\$ -	
[insert items not listed but part of construction plans]				=	\$ -		\$ -	
<b>MAINTENANCE (35% of Construction BMPs)</b>					=	\$ 1,510.25		\$ 1,510.25
<b>Section 1 Subtotal</b>					=	<b>\$ 22,718.65</b>		<b>\$ 22,718.65</b>

**SECTION 2 - PUBLIC IMPROVEMENTS \***

<b>ROADWAY IMPROVEMENTS</b>							
Construction Traffic Control	1	LS	\$ 5,000.00	=	\$ 5,000.00		\$ 5,000.00
Aggregate Base Course (135 lbs/cf)	300	Tons	\$ 31.00	=	\$ 9,300.00		\$ 9,300.00
Aggregate Base Course (135 lbs/cf)		CY	\$ 56.00	=	\$ -		\$ -
Asphalt Pavement (3" thick)		SY	\$ 16.00	=	\$ -		\$ -
Asphalt Pavement (4" thick)		SY	\$ 21.00	=	\$ -		\$ -
Asphalt Pavement (6" thick)	100	SY	\$ 32.00	=	\$ 3,200.00		\$ 3,200.00
Asphalt Pavement (147 lbs/cf) ___" thick		Tons	\$ 97.00	=	\$ -		\$ -
Raised Median, Paved		SF	\$ 9.00	=	\$ -		\$ -
Regulatory Sign/Advisory Sign	2	EA	\$ 333.00	=	\$ 666.00		\$ 666.00
Guide/Street Name Sign		EA	\$ 250.00	=	\$ -		\$ -
Epoxy Pavement Marking	1,200	SF	\$ 15.00	=	\$ 18,000.00		\$ 18,000.00
Thermoplastic Pavement Marking		SF	\$ 26.00	=	\$ -		\$ -
Barricade - Type 3		EA	\$ 221.00	=	\$ -		\$ -
Delineator - Type I		EA	\$ 27.00	=	\$ -		\$ -
Curb and Gutter, Type A (6" Vertical)	280	LF	\$ 32.00	=	\$ 8,960.00		\$ 8,960.00
Curb and Gutter, Type B (Median)		LF	\$ 32.00	=	\$ -		\$ -
Curb and Gutter, Type C (Ramp)		LF	\$ 32.00	=	\$ -		\$ -
5" Sidewalk		SY	\$ 66.00	=	\$ -		\$ -
6" Sidewalk		SY	\$ 80.00	=	\$ -		\$ -
8" Sidewalk		SY	\$ 106.00	=	\$ -		\$ -
Pedestrian Ramp		EA	\$ 1,273.00	=	\$ -		\$ -
Cross Pan, local (8" thick, 6' wide to include return)		LF	\$ 67.00	=	\$ -		\$ -
Cross Pan, collector (9" thick, 8' wide to include return)		LF	\$ 102.00	=	\$ -		\$ -
Curb Chase		EA	\$ 1,639.00	=	\$ -		\$ -
Guardrail Type 3 (W-Beam)		LF	\$ 55.00	=	\$ -		\$ -
Guardrail Type 7 (Concrete)		LF	\$ 80.00	=	\$ -		\$ -
Guardrail End Anchorage		EA	\$ 2,324.00	=	\$ -		\$ -
Guardrail Impact Attenuator		EA	\$ 4,172.00	=	\$ -		\$ -
Sound Barrier Fence (CMU block, 6' high)		LF	\$ 87.00	=	\$ -		\$ -
Sound Barrier Fence (panels, 6' high)		LF	\$ 89.00	=	\$ -		\$ -
Electrical Conduit, Size =		LF	\$ 18.00	=	\$ -		\$ -
Traffic Signal, complete intersection		EA	\$ 470,666	=	\$ -		\$ -

Provide quantity for the Traffic Signal

Provide thermoplastic pavement marking quantities for crosswalk and arrow markings.

**PROJECT INFORMATION**

<b>Hwy. 105 / Jackson Creek Pkwy. Int. Improvements</b>	<b>2/24/2023</b>	<b>CDR-</b>
<b>Project Name</b>	<b>Date</b>	<b>PCD File No.</b>

Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction)	
						% Complete	Remaining
<i>[insert items not listed but part of construction plans]</i>							
<b>STORM DRAIN IMPROVEMENTS</b>				=	\$ -		\$ -

Concrete Box Culvert (M Standard), Size ( W x H )		LF		=	\$ -		\$ -
18" Reinforced Concrete Pipe	25	LF	\$ 70.00	=	\$ 1,750.00		\$ 1,750.00
24" Reinforced Concrete Pipe	140	100	LF \$ 83.00	=	\$ 8,300.00		\$ 8,300.00
30" Reinforced Concrete Pipe		LF	\$ 104.00	=	\$ -		\$ -
36" Reinforced Concrete Pipe		LF	\$ 128.00	=	\$ -		\$ -
42" Reinforced Concrete Pipe		LF	\$ 171.00	=	\$ -		\$ -
48" Reinforced Concrete Pipe		LF	\$ 209.00	=	\$ -		\$ -
54" Reinforced Concrete Pipe		LF	\$ 272.00	=	\$ -		\$ -
60" Reinforced Concrete Pipe		LF	\$ 319.00	=	\$ -		\$ -
66" Reinforced Concrete Pipe		LF	\$ 368.00	=	\$ -		\$ -
72" Reinforced Concrete Pipe		LF	\$ 421.00	=	\$ -		\$ -
18" Corrugated Steel Pipe		LF	\$ 90.00	=	\$ -		\$ -
24" Corrugated Steel Pipe		LF	\$ 103.00	=	\$ -		\$ -
30" Corrugated Steel Pipe		LF	\$ 131.00	=	\$ -		\$ -
36" Corrugated Steel Pipe		LF	\$ 157.00	=	\$ -		\$ -
42" Corrugated Steel Pipe		LF	\$ 180.00	=	\$ -		\$ -
48" Corrugated Steel Pipe		LF	\$ 190.00	=	\$ -		\$ -
54" Corrugated Steel Pipe		LF	\$ 278.00	=	\$ -		\$ -
60" Corrugated Steel Pipe		LF	\$ 300.00	=	\$ -		\$ -
66" Corrugated Steel Pipe		LF	\$ 364.00	=	\$ -		\$ -
72" Corrugated Steel Pipe		LF	\$ 428.00	=	\$ -		\$ -
78" Corrugated Steel Pipe		LF	\$ 492.00	=	\$ -		\$ -
84" Corrugated Steel Pipe		LF	\$ 588.00	=	\$ -		\$ -
Flared End Section (FES) RCP Size = <i>(unit cost = 6x pipe unit cost)</i>		EA		=	\$ -		\$ -
Flared End Section (FES) CSP Size = <i>(unit cost = 6x pipe unit cost)</i>		EA		=	\$ -		\$ -
Curb Inlet (Type R) L=5', Depth < 5'		EA	\$ 6,138.00	=	\$ -		\$ -
Curb Inlet (Type R) L=5', 5' ≤ Depth < 10'		EA	\$ 7,981.00	=	\$ -		\$ -
Curb Inlet (Type R) L=5', 10' ≤ Depth < 15'		EA	\$ 9,242.00	=	\$ -		\$ -
Curb Inlet (Type R) L=10', Depth < 5'		EA	\$ 8,447.00	=	\$ -		\$ -
Curb Inlet (Type R) L=10', 5' ≤ Depth < 10'	1	EA	\$ 8,706.00	=	\$ 8,706.00		\$ 8,706.00
Curb Inlet (Type R) L=10', 10' ≤ Depth < 15'		EA	\$ 10,898.00	=	\$ -		\$ -
Curb Inlet (Type R) L=15', Depth < 5'		EA	\$ 10,984.00	=	\$ -		\$ -
Curb Inlet (Type R) L=15', 5' ≤ Depth < 10'		EA	\$ 11,775.00	=	\$ -		\$ -
Curb Inlet (Type R) L=15', 10' ≤ Depth < 15'		EA	\$ 12,876.00	=	\$ -		\$ -
Curb Inlet (Type R) L=20', Depth < 5'		EA	\$ 11,706.00	=	\$ -		\$ -
Curb Inlet (Type R) L=20', 5' ≤ Depth < 10'		EA	\$ 12,920.00	=	\$ -		\$ -
Grated Inlet (Type C), Depth < 5'		EA	\$ 5,138.00	=	\$ -		\$ -
Grated Inlet (Type D), Depth < 5'		EA	\$ 6,347.00	=	\$ -		\$ -
Storm Sewer Manhole, Box Base		EA	\$ 12,876.00	=	\$ -		\$ -
Storm Sewer Manhole, Slab Base	2	1	EA \$ 7,082.00	=	\$ 7,082.00		\$ 7,082.00
Geotextile (Erosion Control) TRM		SY	\$ 7.00	=	\$ -		\$ -
Rip Rap, d50 size from 6" to 24"		Tons	\$ 89.00	=	\$ -		\$ -
Rip Rap, Grouted				=	\$ -		\$ -
Drainage Channel Construction, Size ( W x H )				=	\$ -		\$ -
Drainage Channel Lining, Concrete				=	\$ -		\$ -
Drainage Channel Lining, Rip Rap				=	\$ -		\$ -
Drainage Channel Lining, Grass		AC	\$ 1,626.00	=	\$ -		\$ -
<i>[insert items not listed but part of construction plans]</i>							
					<b>Section 2 Subtotal</b>	<b>= \$ 70,964.00</b>	<b>\$ 70,964.00</b>

Provide quantities for the retaining wall

**SECTION 3 - COMMON DEVELOPMENT IMPROVEMENTS (Private or District and NOT Maintained by EPC)\*\***

Description	Quantity	Units	Unit Cost		Total	% Complete	Remaining
				=	\$ -		\$ -
				=	\$ -		\$ -
				=	\$ -		\$ -
				=	\$ -		\$ -

**PROJECT INFORMATION**

<b>Hwy. 105 / Jackson Creek Pkwy. Int. Improvements</b>	<b>2/24/2023</b>	<b>CDR-</b>
<b>Project Name</b>	<b>Date</b>	<b>PCD File No.</b>

Description	Quantity	Units	Unit Cost	=	Total	(with Pre-Plat Construction)	
						% Complete	Remaining
<b>STORM DRAIN IMPROVEMENTS</b>				=	\$ -		\$ -
<i>(Exception: Permanent Pond/BMP shall be itemized under Section 1)</i>							
				=	\$ -		\$ -
				=	\$ -		\$ -
				=	\$ -		\$ -
				=	\$ -		\$ -
				=	\$ -		\$ -
<b>WATER SYSTEM IMPROVEMENTS</b>				=	\$ -		\$ -
Water Main Pipe (PVC), Size 8"		LF	\$ 71.00	=	\$ -		\$ -
Water Main Pipe (DIP), Size 24" Cherokee Reloc.		LF	\$ 125.00	=	\$ -		\$ -
Gate Valves, 8"		EA	\$ 2,058.00	=	\$ -		\$ -
Fire Hydrant Assembly, w/ all valves		EA	\$ 7,306.00	=	\$ -		\$ -
Water Service Line Installation, inc. tap and valves		EA	\$ 1,466.00	=	\$ -		\$ -
Fire Cistern Installation, complete		EA		=	\$ -		\$ -
				=	\$ -		\$ -
<i>[insert items not listed but part of construction plans]</i>							
				=	\$ -		\$ -
<b>SANITARY SEWER IMPROVEMENTS</b>				=	\$ -		\$ -
Sewer Main Pipe (PVC), Size 8"		LF	\$ 71.00	=	\$ -		\$ -
Sanitary Sewer Manhole, Depth < 15 feet		EA	\$ 4,858.00	=	\$ -		\$ -
Sanitary Service Line Installation, complete		EA	\$ 1,553.00	=	\$ -		\$ -
Sanitary Sewer Lift Station, complete		EA		=	\$ -		\$ -
				=	\$ -		\$ -
<i>[insert items not listed but part of construction plans]</i>							
				=	\$ -		\$ -
<b>LANDSCAPING IMPROVEMENTS</b>				=	\$ -		\$ -
<i>(For subdivision specific condition of approval, or PUD)</i>							
		EA		=	\$ -		\$ -
		EA		=	\$ -		\$ -
		EA		=	\$ -		\$ -
		EA		=	\$ -		\$ -
		EA		=	\$ -		\$ -
<i>** - Section 3 is not subject to defect warranty requirements</i>							
<b>Section 3 Subtotal</b>				<b>=</b>	<b>\$ -</b>		<b>\$ -</b>
<b>AS-BUILT PLANS (Public Improvements)</b>		LS	\$ 2,500.00	=	\$ 2,500.00		\$ 2,500.00
<b>POND/BMP CERTIFICATION (inc. elevations and volume calculations)</b>		LS		=	\$ -		\$ -
<b>Total Construction Financial Assurance</b>						<b>\$</b>	<b>96,182.65</b>
<i>(Sum of all section subtotals plus as-builts and pond/BMP certification)</i>							
<b>Total Remaining Construction Financial Assurance (with Pre-Plat Construction)</b>						<b>\$</b>	<b>96,182.65</b>

**PROJECT INFORMATION**

<b>Hwy. 105 / Jackson Creek Pkwy. Int. Improvements</b>	<b>2/24/2023</b>	<b>CDR-</b>
<b>Project Name</b>	<b>Date</b>	<b>PCD File No.</b>

Description	Quantity	Units	Unit Cost	Total	(with Pre-Plat Construction)	
					% Complete	Remaining
(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)						
<b>Total Defect Warranty Financial Assurance</b>					<b>\$</b>	<b>17,571.48</b>
(20% of all items identified as (*). To be collateralized at time of preliminary acceptance)						

**Approvals**

I hereby certify that this is an accurate and complete estimate of costs for the work as shown on the Grading and Erosion Control Plan and Construction Drawings associated with the Project.

**For Review**

02/27/2023 1:42:29 PM

\_\_\_\_\_  
Engineer (P.E. Seal Required)

\_\_\_\_\_  
Approved by Owner / Applicant

\_\_\_\_\_  
Date

\_\_\_\_\_  
Approved by El Paso County Engineer / ECM Administrator

\_\_\_\_\_  
Date