

SECTION 00 4100 - 5
MONTGOMERY VILLAGE UNIT 1
(ENCLAVE)

ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
<u>STREET/LOT IMPROVEMENTS</u>					
1.	Mobilization	-	-	(INCLUDED)	(INCLUDED)
2.	Clearing & Grubbing	AC	22.7		\$
3.	Revegetation of Disturbed Areas	AC	11.30		\$
4.	Earthwork				
	a. Excavation	CY	27,826		\$
	b. Embankment	CY	14,379		\$
	c. Stockpile for Future Unit	CY	13,447		\$
5.	1.5" Type D Asphalt (Local B)	SY	2,453		\$
6.	2" Type D Asphalt (Local A)	SY	10,569		\$
7.	2.5" Type C Asphalt (Local B)	SY	2,453		\$
8.	10" Aggregate Base - 1' BOC (Local A)	SY	10,569		\$
9.	18.5" Aggregate Base - 1' BOC (Local B)	SY	2,453		\$
10.	8" Lime Stabilization 1' BOC (Local A & Local B)	SY	13,022		\$
11.	Concrete Sidewalk (Developer's Responsibility)	SY	371		\$
12.	ADA Ramps (Developer Responsibility)	EA	5		\$
13.	7" Concrete Curb	LF	7,212		\$
14.	Barricade Posts	EA	25		\$
15.	Header Curb	LF	124		\$
16.	Tie Into Existing Road (Sabinal) ⁶	LS	1		\$
17.	Tie Into Existing Road (WT Montgomery Rd) ⁷				
18.	Onsite Signage & Striping	LS	1		\$
19.	TPDES	LS	1		\$
SUBTOTAL					\$

NOTES

- Embankment does not include a soils shrinkage factor. Earthwork volumes represent excavation and embankment of roadways, lots, and drainage channels.
- Contractor is to perform an independent quantity take-off prior to signing the contract, to verify that the quantities given in the bid proposal are within three percent (3%) of the actual quantities required to complete the construction represented by the plans and specifications. If any quantity is found to be in error of more than three percent (3%), the Contractor shall notify the Engineer forty-eight (48) hours prior to signing the contract.
- Bids shall include all Unit Price costs as indicated by the Contract Documents and Bid Form. The bid price submitted by the Contractor shall be the sum of the unit prices times the estimated quantity of each item shown in the bid form. However, the Contractor shall guarantee himself of the accuracy of the quantities shown in the bid form. The quantities shown are estimates only and indicate only the magnitude of the project and a basis for bid comparison. Any discrepancies in quantity or work necessary to fulfill the intent of the plans shall be included, whether a bid item is included or not. Any work required for which
- Contractor to reference Storm Water Pollution Prevention Plan for TDDES.
- Contractor to notify Engineer of any discrepancies between quantities and construction documents.
- Contractor to remove sidewalk, standard curb and pavement as per Sabinal Cul-De-Sac Demo Plan and tie into Sabinal as shown in plans.
- Contractor to tie into WT Montgomery as shown in plans.

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ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
<u>DRAINAGE IMPROVEMENTS</u>					
1.	Drain "A"				
	a.Reinforced Concrete Class 'A'				
	i. 20' Curb Inlet	EA	1		\$
	ii. Concrete Outfall Structure (Headwall/Outfall)	CY	20		\$
	b. 30" HDPE	LF	153		\$
	c. Concrete Collars	EA	1		\$
	d. 6"-8" Rock Rubble 18" Deep	SY	14		\$
	e. Trench Excavation Protection	LF	153		\$
2.	Sabinal Rock Rubble ⁴				
	a. 6"-8" Rock Rubble 18" Deep	SY	156		
SUBTOTAL					\$

NOTES

- Contractor to notify Engineer of any discrepancies between quantities and construction documents.
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- See street plans for Sabinal Rock Rubble Detail.

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ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
<u>WATER IMPROVEMENTS</u>					
1.	8" PVC C900, DR 18	LF	3,067		\$
2.	12" PVC C900, DR 18	LF	1,317		\$
3.	8" Gate Valve, MJ w/Valve Box	EA	7		\$
4.	12" Gate Valve, MJ w/Valve Box	EA	6		\$
5.	Standard Fire Hydrant Assembly	EA	3		\$
6.	Ductile Iron Fittings	Ton	2.8		\$
7.	Tie into Existing 12" Main	EA	2		\$
8.	3/4" Single Service, Short (5/8" Meter)	EA	68		\$
9.	3/4" Single Service, Long (5/8" Meter)	EA	51		\$
10.	3/4" Irrigation Service (5/8" Meter)	EA	3		\$
11.	2" Temporary Blowoff	EA	2		\$
12.	2" Permanent Blowoff	EA	2		\$
13.	Joint Restraints	LS	1		\$
14.	Hydrostatic Pressure Test	EA	5		\$
15.	Trench Excavation Protection	LF	4,384		\$
16.	Chlorination	LF	4,384		\$
17.	Meter Box	EA	122		\$
18.	Dewatering	LS	1		\$
SUBTOTAL					\$

NOTES

1. Cast Iron fittings weights were determined by mechanical joint compact
2. Contractor is to perform an independent quantity take-off prior to signing the contract, to verify that the quantities given in the bid proposal are within three percent (3%) of the actual quantities required to complete the construction represented by the plans and specifications. If any quantity is found to be in error of more than three percent (3%), the Contractor shall notify the Engineer forty-eight (48) hours prior to signing the contract.
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ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
<u>SANITARY SEWER IMPROVEMENTS</u>					
1.	8" Sanitary Sewer Pipe (SDR-26)				
	a. 4'-6'	LF	4		\$
	b. 6'-8'	LF	333		\$
	c. 8'-10'	LF	1,080		\$
	d. 10'-12'	LF	1,009		\$
	e. 12'-14'	LF	650		\$
	f. 14'-16'	LF	344		\$
	g. 16'-18'	LF	82		\$
2.	Standard Sanitary Sewer Manhole	EA	11		\$
3.	Manhole Extra Depth	VF	36.0		\$
4.	Concrete Ring Encasement	EA	2		\$
5.	Tie into Existing Manhole	EA	1		\$
6.	8" x 6" Wye	EA	108		\$
7.	6" Sanitary Sewer Lateral (SDR-26)	LF	4,262		\$
8.	Trench Excavation Protection	LF	3,502		\$
9.	TV Video Sewer Line	LF	3,502		\$
10.	Dewatering (If Needed-Place Holder)	LS	1	\$50,000.00	\$50,000.00
SUBTOTAL					\$

NOTES

1. Tie into existing sanitary sewer stubout. Contractor shall expose and confirm sanitary sewer stub out features and notify engineer for any discrepancies prior to installing sanitary sewer main.
2. 8"x6" Wye quantity excludes all sanitary sewer laterals that tie directly in to manholes.
3. Unit cost of 6" Sanitary Sewer Lateral shall include trench excavation protection.
4. Note: Refer quantities to the current San Antonio Water System (SAWS) Standard Specifications for Construction.
Contractor shall provide proof of trench compaction test results as tested by a Geotechnical Engineer. Cost of first time testing to be paid by owner. Cost of required retesting shall be paid by Contractor.
5. Contractor is to perform an independent quantity take-off prior to signing the contract, to verify that the quantities given in the bid proposal are within three percent (3%) of the actual quantities required to complete the construction represented by the plans and specifications. If any quantity is found to be in error of more than three percent (3%), the Contractor shall notify the Engineer forty-eight (48) hours prior to signing the contract.
6. Bids shall include all Unit Price costs as indicated by the Contract Documents and Bid Form. The bid price submitted by the Contractor shall be the sum of the unit prices times the estimated quantity of each item shown in the bid form. However, the Contractor shall guarantee himself of the accuracy of the quantities shown in the bid form. The quantities shown are estimates only and indicate only the magnitude of the project and a basis for bid comparison. Any discrepancies in quantity or work necessary to fulfill the intent of the plans shall be included, whether a bid item is included or not. Any work required for which a bid item is not shown shall be considered subsidiary to other work items.

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ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
<u>ALTERNATE BID "A"</u>					
1.	Clean Outs	EA	119	_____	\$ _____
2.	Vertical Stacks	VF	85.0	_____	\$ _____
3.	CPS Conduits/Sleeves for Drainage Crossings				
	a. Bundle "A" (1x6" Electric, 2x4" Spectrum/AT&T)	EA	31	_____	\$ _____
	b. Bundle "B" (2x6" Electric, 2x4" Spectrum/AT&T)	EA	2	_____	\$ _____
	b. Bundle "C" (3x4" Developer Irrigation)	EA	2	_____	\$ _____
4.	Materials Testing	LS	1	_____	\$ _____
SUBTOTAL					\$ _____
<u>ALTERNATE BID "B"</u>					
1.	Earthwork				
	a. Move Existing Stockpile ^{1,2}	CY	8,115	_____	\$ _____
SUBTOTAL					\$ _____

NOTES

1. Quantity per topographic survey conducted on 11/26/2024. Contractor to verify
2. Move existing stockpile to adjacent property. Proposed location as shown in Stockpile Exhibit. Final location to be coordinated with engineer and owner.