EPC STORMWATER REVIEW COMMENTS IN ORANGE BOXES WITH BLACK TEXT

(with pre-plat construction)

2023 Financial Assurance Estimate Form Provide quantities for all items highlighted in orange. See CDs

Updated: 12/8/2022

<u> </u>		
	PROJECT INFORMATION	
Town of Ramah WWTP Improvements Project	5/17/2023	
Project Name	Date	PCD File No. PPR-23-025

				Unit		Total		(with Pre-Plat Construction		•
Description	Quantity	Units		Cost			Total	% Complete		Remaining
SECTION 1 - GRADING AND EROSION CONT	ROL (Construction an	d Permane	nt BN	MPs)						
Earthwork		01/	Φ.	0.00		- A				
less than 1,000; \$5,300 min		CY	\$	8.00	=	\$	-		\$	-
1,000-5,000; \$8,000 min		CY	\$	6.00	=	\$	-		\$	-
5,001-20,000; \$30,000 min		CY	\$	5.00	=	\$	-		\$	-
20,001-50,000; \$100,000 min	424 200	CY	\$	3.50	=	\$	-		\$	-
50,001-200,000; \$175,000 min	131,380	CY	\$	2.50	=	\$	328,450.00		\$	328,450.00
greater than 200,000; \$500,000 min		CY	\$	2.00	=	\$	-		\$	-
Permanent Erosion Control Blanket		SY	\$	8.00	=	\$	-		\$	-
Permanent Seeding (inc. noxious weed mgmnt.) & Mulchir	l <mark>g</mark>	AC EA	\$	1,875.00	=	\$	-		\$	-
Permanent Pond/BMP (provide engineer's estimate)		EA	•	1,089.00	=	\$			\$	1 000 00
Concrete Washout Basin Inlet Protection	1	EA	\$	202.00	=	\$	1,089.00		\$	1,089.00
		EA	\$	605.00		\$	-			-
	е	LF	\$	3.00		\$	<u> </u>		\$	-
Safety Fence Sediment Basin quantities for	the	EA	\$	2,132.00		\$	<u> </u>		\$	
O a disease to Tanan	1110	EA	\$	500.00			-		\$	-
TO LOWING	11 725	LF	\$	3.00		\$	25 175 00			25 175 00
	11,725	LF	\$	40.00	=	\$	35,175.00		\$	35,175.00
Slope Drain		EA	_			\$			\$	
Straw Bale			\$	31.00	=	\$	-		\$	<u>-</u>
Straw Wattle/Rock Sock		LF AC	\$	7.00	=	\$	-		\$	-
Surface Roughening	0.444.4	AC	\$	250.00		\$	25 222 22		\$	25 222 22
Temporary Erosion Control Blanket	8,444.4	SY	\$	3.00	=	\$	25,333.33		\$	25,333.33
Temporary Seeding and Mulching	17.0	AC	\$	1,666.00	=	\$	28,322.00		\$	28,322.00
Vehicle Tracking Control	2	EA	\$	2,867.00	=	\$	5,734.00		\$	5,734.00
Clearing and Grubbing	1	LS	\$	38,000.00	=	\$	38,000.00		\$	38,000.00
Remove and Dispose of Biosolids from Lagoon	1	LS	\$	100,000.00	=	\$	100,000.00		\$	100,000.00
Remove and Dispose of all Piping, Structures, Valves, Etc		LS	\$	20,000.00	=	\$	20,000.00		\$	20,000.00
Misc. Site Work	1	LS	\$	5,000.00	=	\$	5,000.00		\$	5,000.00
Contractor Mobilization	1	LS	\$	138,000.00		\$	138,000.00		\$	138,000.00
					=	\$	-		\$	-
					=	\$	-		\$	-
[insert items not listed but part of construction plans]										
[insert items not listed but part of construction plans]	MAINTENANCE (3	5% of Cor	ıstru	ction BMPs)	=	\$	138,447.52		\$	138,447.52
* - Subject to defect warranty financial assurance. A minimum of 20% shall	oe ·			•	=	\$				
	oe ·			ction BMPs)			138,447.52 863,550.85		\$ \$	138,447.52 863,550.85
* - Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)	oe ·			•	=	\$				
* - Subject to defect warranty financial assurance. A minimum of 20% shall letained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) SECTION 2 - PUBLIC IMPROVEMENTS *	oe ·			•	=	\$				
*-Subject to defect warranty financial assurance. A minimum of 20% shall interaction of the stained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) SECTION 2 - PUBLIC IMPROVEMENTS * ROADWAY IMPROVEMENTS	oe ·	Sec	ction	1 Subtotal	=	\$ \$			\$	
*- Subject to defect warranty financial assurance. A minimum of 20% shall etained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED: SECTION 2 - PUBLIC IMPROVEMENTS * ROADWAY IMPROVEMENTS Construction Traffic Control	oe ·	See LS	ction \$	10,000.00	= =	\$ \$			\$	863,550.85
*-Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) SECTION 2 - PUBLIC IMPROVEMENTS * ROADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf)	De l	LS Tons	s \$	10,000.00 34.00	=	\$ \$	863,550.85		\$ \$ \$	863,550.85
*-Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) SECTION 2 - PUBLIC IMPROVEMENTS * ROADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf)	oe ·	LS Tons CY	\$ \$ \$	10,000.00 34.00 45.00	= =	\$ \$ \$ \$ \$			\$ \$ \$ \$	863,550.85
*-Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) SECTION 2 - PUBLIC IMPROVEMENTS * ROADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick)	De l	LS Tons CY SY	\$ \$ \$ \$	10,000.00 34.00 45.00 17.00	= =	\$ \$ \$ \$ \$ \$	9,675.00		\$ \$ \$ \$ \$ \$ \$	9,675.00
*-Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED): **SECTION 2 - PUBLIC IMPROVEMENTS ** **ROADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick)	De l	LS Tons CY SY SY	\$ \$ \$ \$ \$	10,000.00 34.00 45.00 17.00 132.00	= =	\$ \$ \$ \$ \$ \$	9,675.00		\$ \$ \$ \$ \$	9,675.00
*-Subject to defect warranty financial assurance. A minimum of 20% shall i etained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED: **SECTION 2 - PUBLIC IMPROVEMENTS * **ROADWAY IMPROVEMENTS* Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick)	De l	LS Tons CY SY SY SY	\$ \$ \$ \$ \$	10,000.00 34.00 45.00 17.00 132.00 145.00	= = = =	\$ \$ \$ \$ \$ \$ \$	863,550.85 9,675.00		\$ \$ \$ \$ \$ \$	863,550.85
*-Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) **SECTION 2 - PUBLIC IMPROVEMENTS** **ROADWAY IMPROVEMENTS** Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick	De l	LS Tons CY SY SY SY Tons	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000.00 34.00 45.00 17.00 132.00 145.00 106.00	= = = = =	\$ \$ \$ \$ \$ \$ \$ \$	9,675.00		\$ \$ \$ \$ \$ \$	9,675.00
*-Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) **SECTION 2 - PUBLIC IMPROVEMENTS** **ROADWAY IMPROVEMENTS** **Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Raised Median, Paved	De la	LS Tons CY SY SY SY Tons SF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000.00 34.00 45.00 17.00 132.00 145.00 106.00 10.00	= = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	9,675.00		\$ \$ \$ \$ \$ \$ \$ \$	9,675.00
*-Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) **SECTION 2 - PUBLIC IMPROVEMENTS** **COADWAY IMPROVEMENTS** **Construction Traffic Control **Aggregate Base Course (135 lbs/cf) **Aggregate Base Course (135 lbs/cf) **Asphalt Pavement (3" thick) **Asphalt Pavement (4" thick) **Asphalt Pavement (6" thick) **Asphalt Pavement (6" thick) **Asphalt Pavement (6" thick) **Raised Median, Paved **Regulatory Sign/Advisory Sign	De la	LS Tons CY SY SY SY SY Tons SF EA	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000.00 34.00 45.00 17.00 132.00 145.00 106.00	= = = = = = = = = = = = = = = = = = = =	\$ \$	9,675.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	9,675.00 - - 9,675.00 - - -
*-Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) **SECTION 2 - PUBLIC IMPROVEMENTS* **COADWAY IMPROVEMENTS* Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf) **Explicit Pavement (147 lbs/cf)	De la	LS Tons CY SY SY SY Tons SF EA EA	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000.00 34.00 45.00 17.00 132.00 145.00 106.00 10.00 364.00	= = = = = = = = = = = = = = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	9,675.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	9,675.00
"-Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) SECTION 2 - PUBLIC IMPROVEMENTS ROADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (14" thick) Asphalt Pavement (14" thick) Asphalt Pavement (14" thick) Asphalt Pavement (14" thick) Asphalt Pavement (147 lbs/cf) Guide/Street Name Sign Epoxy Pavement Marking	De la	LS Tons CY SY SY Tons SF EA EA SF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000.00 34.00 45.00 17.00 132.00 145.00 106.00 10.00 364.00	= = = = = = = = = = = = = = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	9,675.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	9,675.00 - - - - - - - - - - -
*- Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) **SECTION 2 - PUBLIC IMPROVEMENTS** **CONSTRUCTION TRAFFIC CONTROI Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (14T lbs/cf) **Linch Countries (147 lbs/cf) **Linch Countries	De la	LS Tons CY SY SY Tons SF EA EA SF SF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000.00 34.00 45.00 17.00 132.00 145.00 106.00 10.00 364.00	= = = = = = = = = = = = = = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	9,675.00		\$	9,675.00
*-Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) **SECTION 2 - PUBLIC IMPROVEMENTS* **CONSTRUCTION TRAFFIC CONTROI Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3	De la	LS Tons CY SY SY Tons SF EA EA SF EA	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000.00 34.00 45.00 17.00 132.00 145.00 106.00 10.00 364.00 16.00 28.00 241.00	= = = = = = = = = = = = = = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	9,675.00		\$	9,675.00 - - 9,675.00 - - - - -
*-Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) **SECTION 2 - PUBLIC IMPROVEMENTS* **CONSTRUCTION Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type I	De la	LS Tons CY SY SY Tons SF EA EA SF EA EA	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000.00 34.00 45.00 17.00 132.00 145.00 106.00 10.00 364.00 28.00 29.00	= = = = = = = = = = = = = = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	9,675.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	9,675.00 - - 9,675.00 - - - - - - -
"-Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) SECTION 2 - PUBLIC IMPROVEMENTS ROADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf) Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical)	De la	LS Tons CY SY SY Tons SF EA EA SF EA EA LF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000.00 34.00 45.00 17.00 132.00 145.00 106.00 10.00 364.00 28.00 241.00 29.00 35.00	= = = = = = = = = = = = = = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	9,675.00		\$	9,675.00 - - 9,675.00 - - - - -
*-Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) **SECTION 2 - PUBLIC IMPROVEMENTS* **ROADWAY IMPROVEMENTS* Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf) **Guide/Street Name Sign* Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median)	De la	LS Tons CY SY SY Tons SF EA EA EA LF LF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000.00 34.00 45.00 17.00 132.00 106.00 10.00 364.00 28.00 241.00 29.00 35.00	= = = = = = = = = = = = = = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	9,675.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	9,675.00
*-Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) **SECTION 2 - PUBLIC IMPROVEMENTS** **CONSTRUCTION TRAFFIC CONTROI Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (14T lbs/cf) **Line Transport Country Sign (147	De la	LS Tons CY SY SY Tons SF EA EA EA EA LF LF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000.00 34.00 45.00 17.00 132.00 106.00 10.00 364.00 28.00 241.00 29.00 35.00 35.00		\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	9,675.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	9,675.00 - - 9,675.00 - - - - - - -
*-Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) **SECTION 2 - PUBLIC IMPROVEMENTS* **CONSTRUCTION TRAFFIC CONTROI Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf) **Exposure of the county of the count	De la	LS Tons CY SY SY Tons SF EA EA EA LF LF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000.00 34.00 45.00 17.00 132.00 145.00 106.00 10.00 364.00 28.00 241.00 29.00 35.00 35.00 58.00	= = = = = = = = = = = = = = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	9,675.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	9,675.00
"-Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) SECTION 2 - PUBLIC IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf) Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk	De l	LS Tons CY SY SY Tons SF EA EA LF LF LF SY SY	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000.00 34.00 45.00 17.00 132.00 145.00 106.00 10.00 364.00 28.00 241.00 29.00 35.00 35.00 35.00 72.00		\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	9,675.00 		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	9,675.00
*-Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) SECTION 2 - PUBLIC IMPROVEMENTS CONSTRUCTION TRAFFIC CONTROI Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (14T lbs/cf) Aggregate Base Course (147 lbs/cf) Employer Thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk 6" Sidewalk	De l	LS Tons CY SY SY Tons SF EA SF EA LF LF LF SY SY SY	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000.00 34.00 45.00 17.00 132.00 106.00 10.00 364.00 28.00 241.00 35.00 35.00 35.00 58.00 72.00 87.00		\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	9,675.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	9,675.00
*-Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) **SECTION 2 - PUBLIC IMPROVEMENTS** **COADWAY IMPROVEMENTS** Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf) Agised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type 1 Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk 8" Sidewalk 8" Sidewalk	De l	LS Tons CY SY SY Tons SF EA EA LF LF LF SY SY	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000.00 34.00 45.00 17.00 132.00 145.00 106.00 10.00 364.00 28.00 241.00 29.00 35.00 35.00 35.00 72.00		* * * * * * * * * * * * * * * * * * * *	9,675.00 		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	9,675.00
*-Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) **SECTION 2 - PUBLIC IMPROVEMENTS** **CONSTRUCTION TRAFFIC CONTROI Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (14T lbs/cf) **Expose Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk 6" Sidewalk 8" Sidewalk Pedestrian Ramp	De l	LS Tons CY SY SY Tons SF EA SF EA LF LF LF SY SY SY	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000.00 34.00 45.00 17.00 132.00 106.00 10.00 364.00 28.00 241.00 35.00 35.00 35.00 58.00 72.00 87.00		* * * * * * * * * * * * * * * * * * * *	9,675.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	9,675.00
*-Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) **SECTION 2 - PUBLIC IMPROVEMENTS** **COADWAY IMPROVEMENTS** Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf) Agised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type 1 Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk 8" Sidewalk 8" Sidewalk	De l	LS Tons CY SY SY Tons SF EA EA LF LF LF SY SY SY SY	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000.00 34.00 45.00 17.00 132.00 106.00 10.00 364.00 28.00 241.00 29.00 35.00 35.00 35.00 72.00 87.00		* * * * * * * * * * * * * * * * * * * *	9,675.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	9,675.00
*-Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) **SECTION 2 - PUBLIC IMPROVEMENTS** **CONSTRUCTION TRAFFIC CONTROI Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (14T lbs/cf) **Expose Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk 6" Sidewalk 8" Sidewalk Pedestrian Ramp	De l	LS Tons CY SY SY Tons SF EA EA LF LF LF SY SY SY SY SY EA	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000.00 34.00 45.00 17.00 132.00 145.00 106.00 10.00 364.00 28.00 241.00 29.00 35.00 35.00 58.00 72.00 87.00 116.00		* * * * * * * * * * * * * * * * * * * *	9,675.00 9,675.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	9,675.00 9,675.00
"-Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) SECTION 2 - PUBLIC IMPROVEMENTS CONSTRUCTION TRAFFIC CONTROI Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 6" Sidewalk 8" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return)	De l	LS Tons CY SY SY Tons SF EA EA LF LF SY SY SY SY EA LF LF LF SY SY LF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000.00 34.00 45.00 17.00 132.00 145.00 106.00 10.00 364.00 28.00 241.00 29.00 35.00 35.00 58.00 72.00 87.00 116.00		* * * * * * * * * * * * * * * * * * * *	9,675.00 9,675.00 		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	9,675.00
"-Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) SECTION 2 - PUBLIC IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf) Equitor Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk 6" Sidewalk 8" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, Local (8" thick, 6' wide to include return) Cross Pan, collector (9" thick, 8' wide to include return)	De l	LS Tons CY SY SY Tons SF EA EA LF LF LF SY SY SY SY LF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000.00 34.00 45.00 17.00 132.00 106.00 10.00 364.00 28.00 241.00 35.00 35.00 35.00 58.00 72.00 87.00 116.00		* * * * * * * * * * * * * * * * * * * *	9,675.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	9,675.00 9,675.00
*-Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) SECTION 2 - PUBLIC IMPROVEMENTS CONSTRUCTION TRAFFIC CONTROI Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf) —" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type C (Ramp) 4" Sidewalk 6" Sidewalk 6" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Cross Pan, collector (9" thick, 8' wide to include return) Curb Opening with Drainage Chase	De l	LS Tons CY SY SY Tons SF EA EA LF LF LF SY SY SY SY LF LF EA	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000.00 34.00 45.00 17.00 132.00 106.00 10.00 364.00 28.00 241.00 29.00 35.00 35.00 35.00 72.00 116.00 1,390.00 73.00 111.00		* * * * * * * * * * * * * * * * * * * *	9,675.00 9,675.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	9,675.00
*-Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) SECTION 2 - PUBLIC IMPROVEMENTS CONSTRUCTION TRAFFIC CONTROI Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (14T lbs/cf) —" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 6" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Cross Pan, collector (9" thick, 8' wide to include return) Curb Opening with Drainage Chase Guardrail Type 3 (W-Beam) Guardrail Type 7 (Concrete)	De l	LS Tons CY SY SY Tons SF EA EA LF LF LF SY SY SY LF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000.00 34.00 45.00 17.00 132.00 145.00 106.00 10.00 364.00 28.00 241.00 29.00 35.00 35.00 72.00 87.00 116.00 1,390.00 1,790.00 1,790.00 60.00 87.00		* * * * * * * * * * * * * * * * * * * *	9,675.00 9,675.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	9,675.00 9,675.00
*-Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) SECTION 2 - PUBLIC IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf) Equity Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 6" Sidewalk 8" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Cross Pan, collector (9" thick, 8' wide to include return) Curb Opening with Drainage Chase Guardrail Type 7 (Concrete) Guardrail Type 7 (Concrete) Guardrail End Anchorage	De l	LS Tons CY SY SY Tons SF EA EA LF LF LF SY SY SY LF LF EA LF LF EA	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000.00 34.00 45.00 17.00 132.00 145.00 106.00 10.00 364.00 28.00 241.00 29.00 35.00 35.00 35.00 72.00 87.00 116.00 1,390.00 73.00 111.00 1,790.00 87.00 2,538.00		* * * * * * * * * * * * * * * * * * * *	9,675.00 9,675.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	863,550.85 9,675.00
*-Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) SECTION 2 - PUBLIC IMPROVEMENTS CONSTRUCTION TRAFFIC CONTROI Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asghalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf) —" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk 6" Sidewalk 6" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Cross Pan, collector (9" thick, 8' wide to include return) Curb Opening with Drainage Chase Guardrail Type 7 (Concrete) Guardrail End Anchorage Guardrail Impact Attenuator	De la	LS Tons CY SY SY Tons SF EA EA LF LF LF SY SY SY EA LF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000.00 34.00 45.00 17.00 132.00 106.00 10.00 364.00 28.00 241.00 29.00 35.00 35.00 35.00 35.00 116.00 1,390.00 1,390.00 1,790.00 60.00 87.00 2,538.00 4,556.00		* * * * * * * * * * * * * * * * * * * *	9,675.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	863,550.85
*-Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) **SECTION 2 - PUBLIC IMPROVEMENTS* **COADWAY IMPROVEMENTS* **CONSTRUCTION Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf) Asphalt Pavem	De la	LS Tons CY SY SY Tons SF EA EA EA LF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000.00 34.00 45.00 17.00 132.00 106.00 10.00 364.00 28.00 241.00 29.00 35.00 35.00 35.00 72.00 116.00 1,390.00 73.00 117.00 1,790.00 60.00 87.00 4,556.00 95.00		* * * * * * * * * * * * * * * * * * * *	9,675.00 9,675.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	863,550.85
*-Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) SECTION 2 - PUBLIC IMPROVEMENTS CONSTRUCTION TRAFFIC CONTROI Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asghalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf) —" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk 6" Sidewalk 6" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Cross Pan, collector (9" thick, 8' wide to include return) Curb Opening with Drainage Chase Guardrail Type 7 (Concrete) Guardrail End Anchorage Guardrail Impact Attenuator	De la	LS Tons CY SY SY Tons SF EA EA LF LF LF SY SY SY EA LF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000.00 34.00 45.00 17.00 132.00 106.00 10.00 364.00 28.00 241.00 29.00 35.00 35.00 35.00 35.00 116.00 1,390.00 1,390.00 1,790.00 60.00 87.00 2,538.00 4,556.00		* * * * * * * * * * * * * * * * * * * *	9,675.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	863,550.85

	PROJECT INFORMATION	
Town of Ramah WWTP Improvements Project	5/17/2023	
Project Name	Date	PCD File No. PPR-23-025

Description	Quantity	Units		Jnit Cost		Т.	otal	(with Pre % Complete	-Plat Construction) Remaining
<u>-</u>					=	\$	-	·	\$
[insert items not listed but part of construction plans]					=	\$	-		\$
TORM DRAIN IMPROVEMENTS									
Concrete Box Culvert (M Standard), Size (W x H)		LF			=	\$	-		\$
18" Reinforced Concrete Pipe		LF	\$	76.00	=	\$	-		\$
24" Reinforced Concrete Pipe		LF	\$	91.00	=	\$	-		\$
30" Reinforced Concrete Pipe		LF	\$	114.00	=	\$	-		\$
36" Reinforced Concrete Pipe		LF	\$	140.00	=	\$	-		\$
42" Reinforced Concrete Pipe		LF	\$	187.00	=	\$	-		\$
48" Reinforced Concrete Pipe		LF	\$	228.00	=	\$	-		\$
54" Reinforced Concrete Pipe		LF	\$	297.00	=	\$	-		\$
60" Reinforced Concrete Pipe		LF	\$	348.00	=	\$	-		\$
66" Reinforced Concrete Pipe		LF	\$	402.00	=	\$	-		\$
72" Reinforced Concrete Pipe		LF	\$	460.00	=	\$	-		\$
18" Corrugated Steel Pipe		LF	\$	98.00	=	\$	-		\$
24" Corrugated Steel Pipe		LF	\$	112.00	=	\$	-		\$
30" Corrugated Steel Pipe		LF	\$	143.00	=	\$	-		\$
36" Corrugated Steel Pipe		LF	\$	171.00	=	\$	-		\$
42" Corrugated Steel Pipe		LF	\$	197.00	=	\$	-		\$
48" Corrugated Steel Pipe		LF	\$	207.00	=	\$	-		\$
54" Corrugated Steel Pipe		LF	\$	304.00	=	\$	-		\$
60" Corrugated Steel Pipe		LF	\$	328.00	=	\$	-		\$
66" Corrugated Steel Pipe		LF	\$	397.00	=	\$	-		\$
72" Corrugated Steel Pipe		LF	\$	467.00	=	\$	-		\$
78" Corrugated Steel Pipe		LF	\$	537.00	=	\$	_		\$
84" Corrugated Steel Pipe		LF	Ś	642.00	=	\$	_		\$
Flared End Section (FES) RCP Size = (unit cost = 6x pipe unit cost)		EA	,	012.00	=	\$	-		\$
Flared End Section (FES) CSP Size =					=	\$	_		\$
(unit cost = 6x pipe unit cost)		EA							*
End Treatment- Headwall		EA			=	\$	-		\$
End Treatment- Wingwall		EA			=	\$	-		\$
End Treatment - Cutoff Wall		EA			=	\$	-		\$
Curb Inlet (Type R) L=5', Depth < 5'		EA	\$	6,703.00	=	\$	-		\$
Curb Inlet (Type R) L=5', 5' ≤ Depth < 10'		EA	\$	8,715.00	=	\$	-		\$
Curb Inlet (Type R) L =5', 10' ≤ Depth < 15'		EA		10,092.00	=	\$	-		\$
Curb Inlet (Type R) L =10', Depth < 5'		EA	\$	9,224.00	=	\$	-		\$
Curb Inlet (Type R) L =10', 5' ≤ Depth < 10'		EA	\$	9,507.00	=	\$	-		\$
Curb Inlet (Type R) L =10', 10' ≤ Depth < 15'		EA		11,901.00	=	\$	-		\$
Curb Inlet (Type R) L =15', Depth < 5'		EA		11,995.00	=	\$	-		\$
Curb Inlet (Type R) L =15', 5' ≤ Depth < 10'		EA		12,858.00	=	\$	-		\$
Curb Inlet (Type R) L =15', 10' ≤ Depth < 15'		EA		14,061.00	=	\$	-		\$
Curb Inlet (Type R) L =20', Depth < 5'		EA		12,783.00	=	\$	-		\$
Curb Inlet (Type R) L =20', 5' ≤ Depth < 10'		EA		14,109.00	=	\$	-		\$
Grated Inlet (Type C), Depth < 5'		EA	\$	5,611.00	=	\$	-		\$
Grated Inlet (Type D), Depth < 5'		EA	\$	6,931.00	=	\$	-		\$
Storm Sewer Manhole, Box Base		EA		14,061.00	=	\$	-		\$
Storm Sewer Manhole, Slab Base		EA	\$	7,734.00	=	\$	-		\$
Geotextile (Erosion Control)		SY	\$	8.00	=	\$	-		\$
Rip Rap, d50 size from 6" to 24"		Tons	\$	97.00	=	\$	-		\$
Rip Rap, Grouted		Tons	\$	115.00	=	\$	-		\$
Drainage Channel Construction, Size (W x H)		LF	\$	-	=	\$	-		\$
Drainage Channel Lining, Concrete		CY	\$	689.00	=	\$	-		\$
Drainage Channel Lining, Rip Rap		CY	\$	135.00	=	\$	-		\$
Drainage Channel Lining, Grass		AC	\$	1,776.00	=	\$	-		\$
Drainage Channel Lining, Other Stabilization					=	\$	-		\$
					=	\$	-		\$
[insert items not listed but part of construction plans]					=	\$	_		\$

	PROJECT INFORMATION	
Town of Ramah WWTP Improvements Project	5/17/2023	
Project Name	Date	PCD File No. PPR-23-025

				Unit				(with Pre-Pl	at Construction)
Description	Quantity	Units		Cost		Total		% Complete	Remaining
SECTION 3 - COMMON DEVELOPMENT IMPR	OVEMENTS (Priva	te or Distr	ict a	nd NOT Ma	aintained	by EPC)**			
ROADWAY IMPROVEMENTS									
					=	\$	-	\$	
					=	\$	-	\$	
					=	\$	-	\$	
					=	\$	-	\$	
					=	\$	-	\$	
					=	\$	-	\$	
STORM DRAIN IMPROVEMENTS (EX	ception: Permanent Por	nd/BMP shall	be iter	mized under S	Section 1)	Ψ		*	
<u> </u>					=	\$	-	\$	
					=	\$	-	\$	
					=	\$	_	\$	
					=	\$	-	\$	
					_	\$	_	\$	
					=	\$	_	\$	
VATER SYSTEM IMPROVEMENTS					_	Ψ		,	
Water Main Pipe (PVC), Size 8"		LF	\$	78.00	=	\$	_	\$	
Water Main Pipe (Puctile Iron), Size 8"		LF	\$	91.00	_	\$	_	\$	
Gate Valves, 8"		EA	\$	2,247.00		\$	_	\$	
Fire Hydrant Assembly, w/ all valves		EA	\$	7,978.00	=	\$	_	\$	
Water Service Line Installation, inc. tap and valves		EA	\$	1,601.00		\$	_	\$	
Fire Cistern Installation, complete		EA	٦	1,001.00		\$		\$	
The distern installation, complete		LA			_	\$		\$	
[insert items not listed but part of construction plans]						\$		\$	
SANITARY SEWER IMPROVEMENTS					_	. ₽		P	
Gravity Sewer Main Pipe (PVC), Size 8"		LF	\$	200.00	_	\$	_	\$	
Sewer Force Main (DR-13.5 HDPE), Size 3"		LF	\$	65.00		\$		\$	
Sanitary Sewer Manhole, Depth < 15 feet		EA	\$	8,500.00	=	\$			
Sanitary Service Line Installation, complete		EA	\$	1,696.00	=		-	\$	
		EA	\$			\$		\$	
Sanitary Sewer Lift Station (wet well, pumps, valve vault)		EA	Ş	1,696.00	=	\$	-	\$	
Second House and History but most of construction of the se					=	\$	-	\$	
[insert items not listed but part of construction plans] ANDSCAPING IMPROVEMENTS	(Farantalista)				=	\$	-	\$	
ANDSCAFING IMPROVEMENTS	(For subdivision spe					1.			
		EA	\$	35.00	=	\$	-	\$	
		EA			=	\$	-	\$	
		EA			=	\$	-	\$	
		EA			=	\$	-	\$	
*- Section 3 is not subject to defect warranty requirements		EA		3 Subtotal	=	\$	-	\$	

PROJECT INFORMATION							
Town of Ramah WWTP Improvements Project	5/17/2023						
Project Name	Date	PCD File No. PPR-23-025					

		Unit					(with Pre-Plat Construction)		
Description	Quantity	Units		Cost		Total	% Complete	Remaining	
AS-BUILT PLANS (Public Improvements inc. Permanent \	NQCV BMPs)	LS	\$	15,000.00	=	\$ 15,000.00	\$	15,000.00	
POND/BMP CERTIFICATION (inc. elevations and volume	calculations)	LS	\$	-	=	\$ -	\$	-	
POND/BMP CERTIFICATION (inc. elevations and volume	calculations)	LS	\$	-	-	\$ -			

Total Construction Financial Assurance \$ 888,225.85

(Sum of all section subtotals plus as-builts and pond/BMP certification)

Total Remaining Construction Financial Assurance (with Pre-Plat Construction) \$ 888,225.85

(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)

Total Defect Warranty Financial Assurance \$ 67,625.00

(20% of all items identified as (*). To be collateralized at time of preliminary acceptance)

A	n	n	r	n	v	а	ı	<
n	ν	ν		v	v	a	ı	3

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.

uired)

Engineer (P.E. Seal Required)

Provide owner signature

Approved by Owner / Applicant

Date

Approved by El Paso County Engineer / ECM Administrator

Date