COVEIN
CONSTRUCTORA DE OBRAS DE VIVIENDA E INGENIERIA SAS

BARRANQUILLA -

COVEIN S.

PROGRAMACIÓN DE ACTIVIDADES Y FLUJO DE F

PROGRAMACIÓN DE ACTIVIDADES Y FLUJO DE FONDOS	AÑO 2021

No.DE ORDEN	ITEM DE PAGO	CONDICIONES ORIGINALES				MES 1: SEPTIEMRE				MES 2: OCTUBRE				MES 3: NOVIEMBRE				MES 4: DICIEMBRE			
		UNID	CANTIDAD	VALOR UNITARIO	V. TOTAL	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
1. PRELIMINARES																					
1.01	NIVELACIÓN, REPLANTEO Y SEÑALIZACIÓN VIAS	M2	7435.50	$2,047.14	$15,221,509.00	$3,805,377	$3,805,377	$3,805,377	$3,805,377												
1.02	EXCAVACION A MAQUINA Y RETIRO DE MATERIALES	M3	3171.54	$23,085.18	$73,215,572.00	$3,853,451	$3,853,451	$3,853,451	$3,853,451	$3,853,451	$3,853,451	$3,853,451	$3,853,451	$3,853,451	$3,853,451	$3,853,451		$3,853,451	$3,853,451	$3,853,451	
1.03	DEMOLICIÓN DE PAVIMENTO Y RETIRO DE MATERIAL	M2	500.00	$20,515.22	$10,257,610.00			$1,025,761	$1,025,761	$1,025,761	$1,025,761	$1,025,761	$1,025,761	$1,025,761	$1,025,761	$1,025,761	$1,025,761				
2. PAVIMENTO CONCRETO RIGIDO																					
2.01	P. B. O. BASE EN SUELO-CEMENTO PROPORCIÓN 1:20 E=0,20 METROS	M2	5,909.35	34,465.20	$ 189,880,850.00		$9,494,043	$9,494,043	$9,494,043	$9,494,043	$9,494,043	$9,494,043	$9,494,043	$9,494,043	$9,494,043	$9,494,043	$9,494,043	$9,494,043	$9,494,043	$9,494,043	$9,494,043
2.02	P. B. O. RELLENO EN MATERIAL SELECCIONADO Y COMPACTADO PARA ANDEN Y ZONA DE CALZADA DONDE SE REQUIERA	M3	682.83	70,780.85	$ 48,331,288.00		$4,833,129	$4,833,129	$4,833,129	$4,833,129	$4,833,129	$4,833,129	$4,833,129	$4,833,129	$4,833,129	$4,833,129					
2.03	BASE EN CONCRETO FLUIDO DE 1,500 PSI PREMEZCLADO, E=0,15 METROS	M2	100.00	53,651.52	$ 5,365,152.00			$1,341,288	$1,341,288	$1,341,288	$1,341,288										
2.04	BASE EN CONCRETO FLUIDO DE 1,500 PSI PREMEZCLADO, E=0,10 METROS	M2	412.23	35,942.11	$ 14,816,416.00			$1,852,052	$1,852,052	$1,852,052	$1,852,052	$1,852,052	$1,852,052	$1,852,052	$1,852,052						
2.05	P.B.O. PAVIMENTO EN CONCRETO RÍGIDO MR=39, ESPESOR=0,15 METROS, MEZCLADO EN PLANTA Y TRANSPORTADO AL SITIO DE LAS OBRAS, INCLUYE PASADORES DE 3/4" LISO A 0,30 METROS Y DE 1/2" CORRUGADO A 1,00 METRO DE SEPARACIÓN, CANASTILLA DE SOPORTE PARA DOVELAS, JUNTA EN SILICONA, CORTADORA DE PAVIMENTO Y ADITIVO CURADOR DE SUPERFICIE.	M2	5,197.50	120,697.87	$ 627,327,179.00			$26,138,632	$26,138,632	$26,138,632	$26,138,632	$26,138,632	$26,138,632	$26,138,632	$26,138,632	$26,138,632	$26,138,632	$26,138,632	$26,138,632	$26,138,632	
2.06	PAVIMENTO EN CONCRETO RÍGIDO MR=45, ESPESOR=0,20 METROS, MEZCLADO EN PLANTA Y TRANSPORTADO AL SITIO DE LAS OBRAS, INCLUYE PASADORES D = 1" LISO A CADA 0,30 METROS Y 5/8" CORRUGADO A 1,00 METRO DE SEPARACIÓN, CANASTILLA DE SOPORTE PARA DOVELAS, JUNTA EN SILICONA, CORTADORA DE PAVIMENTO Y ADITIVO CURADOR DE SUPERFICIE.	M2	500.00	129,425.35	$ 64,712,675.00				$6,471,268	$6,471,268	$6,471,268	$6,471,268	$6,471,268	$6,471,268	$6,471,268	$6,471,268	$6,471,268	$6,471,268			
2.07	P. B. O. BORDILLO EN CONCRETO DE 3000 PSI PREMEZCLADO EN PLANTA Y TRANSPORTADO AL SITIO ESPECIFICADO, BORDILLO DE 0,15 X 0,15 M., INCLUYE ACERO DE 3/8 LONGITUDINAL Y GRAPAS DE 3/8 A 0.50 MT DE 60,000 PSI LEGITIMO	ML	1,650.00	27,012.42	$ 44,570,493.00			$1,782,820	$1,782,820	$1,782,820	$1,782,820	$1,782,820	$1,782,820	$1,782,820	$1,782,820		$1,782,820	$1,782,820	$1,782,820		$1,782,820
2.08	P. B. O. ANDEN EN CONCRETO PREMEZCLADO FC=3,000 PSI E=0,07 M. (INCLUYE RAMPA PARA DISCAPACITADOS)	M2	1,725.00	50,918.28	$ 87,834,033.00			$3,513,361	$3,513,361	$3,513,361	$3,513,361	$3,513,361	$3,513,361	$3,513,361	$3,513,361		$3,513,361	$3,513,361	$3,513,361		$3,513,361
2.09	B. P. O. ACERO DE REFUERZO DE 1/2" 60,000 PSI LEGITIMO PARA PLACAS DE PAVIMENTO IRREGULARES	KG	1,716.00	4,053.28	$ 6,955,428.00				$231,848	$231,848	$231,848	$231,848	$231,848	$231,848	$231,848	$231,848	$231,848	$231,848	$231,848	$231,848	$231,848

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PROGRAMACIÓN DE ACTIVIDADES Y FLUJO DE FONDOS	AÑO 2021

	CONDICIONES ORIGINALES					MES 1: SEPTIEMRE				MES 2: OCTUBRE				MES 3: NOVIEMBRE				MES 4: DICIEMBRE			
No.DE ORDEN	ITEM DE PAGO	UNID	CANTIDAD	VALOR UNITARIO	V. TOTAL	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
3. PAVIMENTO CONCRETO FLEXIBLE																					
3.01	P.B.O. CUNETA BORDILLO EN CONCRETO DE 3000 PSI PREMEZCLADO DE 0.15 + 0.30 + 0.6 M, E = 0.10 M. INCLUYE ACERO DE 60,000 PSI LEGITIMO	ML	50.00	$85,102.71	$4,255,136.00									$1,063,784	$1,063,784	$1,063,784	$1,063,784				
3.02	P. B . O. MANTENIMIENTO DE VIAS CON ASFALTO EN FRIO MODIFICADO CON POLIMEROS: HUECO/PARCHE TIPO A (AREA ENTRE 0.0025<A<0.0225) M2, INCLUYE DEMOLICIÓN EN PAVIMENTO RIGIDO Y RETIRO DE MATERIAL CUANDO SE REQUIERA	UN	9,067.00	$19,274.76	$174,764,249.00	$4,723,358	$4,723,358	$4,723,358	$4,723,358	$4,723,358	$4,723,358	$4,723,358	$4,723,358	$4,723,358	$4,723,358	$4,723,358	$4,723,358	$4,723,358	$4,723,358	$4,723,358	
3.03	P. B . O. MANTENIMIENTO DE VIAS CON ASFALTO EN FRIO MODIFICADO CON POLIMEROS: HUECO/PARCHE TIPO B (AREA ENTRE 0.0225<A<0.09) M2, INCLUYE DEMOLICIÓN EN PAVIMENTO RIGIDO Y RETIRO DE MATERIAL CUANDO SE REQUIERA	UN	31,559.00	$67,574.87	$2,132,595,322.00	$57,637,711	$57,637,711	$57,637,711	$57,637,711	$57,637,711	$57,637,711	$57,637,711	$57,637,711	$57,637,711	$57,637,711	$57,637,711	$57,637,711	$57,637,711	$57,637,711	$57,637,711	
3.04	P. B . O. MANTENIMIENTO DE VIAS CON ASFALTO EN FRIO MODIFICADO CON POLIMEROS: HUECO/PARCHE TIPO C (AREA ENTRE 0.09<A<0.16) M2, INCLUYE DEMOLICIÓN EN PAVIMENTO RIGIDO Y RETIRO DE MATERIAL CUANDO SE REQUIERA	UN	5,000.00	$116,109.82	$580,549,100.00	$15,690,516	$15,690,516	$15,690,516	$15,690,516	$15,690,516	$15,690,516	$15,690,516	$15,690,516	$15,690,516	$15,690,516	$15,690,516	$15,690,516	$15,690,516	$15,690,516	$15,690,516	
3.05	P. B . O. MANTENIMIENTO DE VIAS CON ASFALTO EN FRIO MODIFICADO CON POLIMEROS: HUECO/PARCHE TIPO D (AREA ENTRE 0.16<A<0.25) M2, INCLUYE DEMOLICIÓN EN PAVIMENTO RIGIDO Y RETIRO DE MATERIAL CUANDO SE REQUIERA	UN	1,880.00	$143,974.79	$270,672,605.00	$7,315,476	$7,315,476	$7,315,476	$7,315,476	$7,315,476	$7,315,476	$7,315,476	$7,315,476	$7,315,476	$7,315,476	$7,315,476	$7,315,476	$7,315,476	$7,315,476	$7,315,476	
3.06	P. B . O. MANTENIMIENTO DE VIAS CON ASFALTO EN FRIO MODIFICADO CON POLIMEROS: HUECO/PARCHE TIPO E (AREA ENTRE 0.25<A<0.36) M2, INCLUYE DEMOLICIÓN EN PAVIMENTO RIGIDO Y RETIRO DE MATERIAL CUANDO SE REQUIERA	UN	1,035.00	$172,180.59	$178,206,911.00	$4,816,403	$4,816,403	$4,816,403	$4,816,403	$4,816,403	$4,816,403	$4,816,403	$4,816,403	$4,816,403	$4,816,403	$4,816,403	$4,816,403	$4,816,403	$4,816,403	$4,816,403	
3.07	P. B . O. MANTENIMIENTO DE VIAS CON ASFALTO EN FRIO MODIFICADO CON POLIMEROS: HUECO/PARCHE TIPO F (AREA ENTRE 0.36<A<0.49) M2, INCLUYE DEMOLICIÓN EN PAVIMENTO RIGIDO Y RETIRO DE MATERIAL CUANDO SE REQUIERA	UN	601.00	$296,935.71	$178,458,362.00	$4,823,199	$4,823,199	$4,823,199	$4,823,199	$4,823,199	$4,823,199	$4,823,199	$4,823,199	$4,823,199	$4,823,199	$4,823,199	$4,823,199	$4,823,199	$4,823,199	$4,823,199	
3.08	P. B . O. MANTENIMIENTO DE VIAS CON ASFALTO EN FRIO MODIFICADO CON POLIMEROS: HUECO/PARCHE TIPO G AREA MAYOR A 0,50 M2, INCLUYE DEMOLICIÓN EN PAVIMENTO RIGIDO Y RETIRO DE MATERIAL CUANDO SE REQUIERA	M2	1,000.00	$330,975.92	$330,975,920.00	$8,945,295	$8,945,295	$8,945,295	$8,945,295	$8,945,295	$8,945,295	$8,945,295	$8,945,295	$8,945,295	$8,945,295	$8,945,295	$8,945,295	$8,945,295	$8,945,295	$8,945,295	
3.09	P. B . O. MANTENIMIENTO DE VIAS CON ASFALTO EN FRIO MODIFICADO CON POLIMEROS: GRIETA ANCHO MENOR A 0.10 M, INCLUYE DEMOLICIÓN EN PAVIMENTO RIGIDO Y RETIRO DE MATERIAL CUANDO SE REQUIERA	ML	2,142.00	$46,275.48	$99,122,078.00	$2,678,975	$2,678,975	$2,678,975	$2,678,975	$2,678,975	$2,678,975	$2,678,975	$2,678,975	$2,678,975	$2,678,975	$2,678,975	$2,678,975	$2,678,975	$2,678,975	$2,678,975	
4. OBRAS COMPLEMENTARIAS																					
4.01	P. B. O. RELLENO COMPACTADO EN PIEDRA CIMIENTO PARA ESTABILIZACION	M3	115.14	91,812.58	$ 10,571,300.00					$587,294	$587,294	$587,294	$587,294	$587,294	$587,294	$587,294	$587,294	$587,294	$587,294	$587,294	$587,294
4.02	RELLENO CON MATERIAL DEL SITIO (INCLUYE CORTE, TRASLADO, EXTENDIDA, HUMECTACIÓN Y COMPACTACIÓN	M3	54.00	23,886.71	$ 1,289,882.00							$161,235	$161,235	$161,235	$161,235						
4.03	ANCLAJE DE 3/8" PARA BORDILLO, INCLUYE EPOXICO SIKADUR ANCHORFIX 4 PARA ELEMENTOS ENDURECIDOS (VER DISEÑO)	UN	50.00	10,060.58	$ 503,029.00											$251,515	$251,515				
4.04	P. B. O. CONSTRUCCION DE FILTROS-GEOTEXTIL NT-1800-TRITURADO 0.40 X 0.60 M.	MI	103.95	83,818.22	$ 8,712,904.00																

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PROGRAMACIÓN DE ACTIVIDADES Y FLUJO DE F

PROGRAMACIÓN DE ACTIVIDADES Y FLUJO DE FONDOS	AÑO 2021

No.DE ORDEN	CONDICIONES ORIGINALES					MES 1: SEPTIEMRE				MES 2: OCTUBRE				MES 3: NOVIEMBRE				MES 4: DICIEMBRE			
	ITEM DE PAGO	UNID	CANTIDAD	VALOR UNITARIO	V. TOTAL	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
	TUBERIA DE 4" PVC, INCLUYE EXCAVACIÓN Y SELLADO EN ARENA GRUESA	ML	165.00	85,010.22	$ 14,026,686.30																
4.05	P. B. O. CONCRETO DE FC= 4.000 PSI, PARA CANALES, BOX-CULVERT,BARANDAS, PASOS PEATONALES Y MUROS, INCLUYE ANCLAJE, CINTA SIKA PVC DE JUNTA O EQUIVALENTE, FORMALETERIA METALICA,	M3	50.00	722,401.09	$ 36,120,055.00																
4.06	P. B. O. ACERO DE REFUERZO FIGURADO 60.000 PSI LEGITIMO (PARA BOX-COULVERT,BARANDAS, PASOS PEATONALES Y MUROS)	KG	7,325.00	4,688.25	$ 34,341,431.00																
4.07	REGISTRO EN CONCRETO. 60X60 CM.	UN	54.00	446,310.66	$ 24,100,776.00			$1,338,932	$1,338,932	$1,338,932	$1,338,932	$1,338,932	$1,338,932	$1,338,932	$1,338,932	$1,338,932	$1,338,932	$1,338,932	$1,338,932	$1,338,932	$1,338,932
4.08	P.B.O. RECONSTRUCCION DE REGISTROS ALCANTARILLADO 0.60m x 0.60m	UN	20.00	121,982.23	$ 2,439,645.00																
4.09	P. B. O. SUMINISTRO E INSTALACION Y/O REPARACION DE DOMICILIARIAS DE ACUEDUCTO	UN	13.00	33,783.85	$ 439,190.00									$109,798	$109,798	$109,798	$109,798				
4.10	P. B. O. CONEXIONES DOMICILIARIAS DE ALCANTARILLADO EN 6" TUBERIA NOVAFORT LONGITUD HASTA 6 M., INCLUYE EXCAVACIÓN Y RELLENO	UN	150.00	266,316.12	$ 39,947,418.00					$4,993,427	$4,993,427	$4,993,427	$4,993,427	$4,993,427							
4.11	P.B.O. SUMINISTRO E INSTALACION DE TAPA PARA MANHOL HD T/P 24"	UN	20.00	506,346.67	$ 10,126,933.00									$1,125,215	$1,125,215	$1,125,215	$1,125,215	$1,125,215	$1,125,215		$1,125,215
4.12	P. B. O. REPARACION DE FUGAS AGUA POTABLE (REPOSICION DE MAS DE 2MTS DE TUBERÍA)	UN	8.00	67,606.60	$ 540,853.00			$90,142	$90,142	$90,142	$90,142	$90,142	$90,142								
4.13	TAPA DE CONCRETO DE 1,4 MPA (3000 PSI) E = 0.15 METROS, REFORZADA CON ACERO DE 3/8" Y 1/2" CADA 0,20 METROS, INCLUYE MARCO EN PERFIL EN ANGULO DE ALAS IGUALES DE 3/4"X1/8", MANIJA EN ACERO LISO DE 1/2", CONTRAMARCO EN PERFIL EN ANGULO DE ALAS IGUALES DE	UN	13.00	127,203.69	$ 1,653,648.00																
4.14	REJILLA PARA SUMIDEROS, EN ACERO Y SEGÚN DISEÑO. TRÁFICO PESADO, INCLUYE INSTALACIÓN	ML	16.00	2,880,174.57	$ 46,082,793.00				$11,520,698	$11,520,698							$11,520,698				
5. DEMOLICIÓN DE ANDÉN Y RETIRO DE MATERIAL																					
5.01	DEMOLICIÓN DE ANDÉN Y RETIRO DE MATERIAL	M2	60.00	11,199.17	$ 671,950.00			$111,992	$111,992	$111,992	$111,992	$111,992	$111,992								
6. SEÑALIZACION INSTITUCIONAL																					
6.01	P. B. O. PUBLIPOSTES EN VINILO CON ESTRUCTURA EN HIERRO DE 1,05 X 2,10, INSTALADOS	UN	3.00	431,777.49	$ 1,295,332.00						431,777.33	431,777.33	431,777.33								
6.02	P. B. O. PASACALLE DE 1 MT X 6 MT, INSTALADOS	UN	3.00	248,005.40	$ 744,016.00				744,016.00												
6.03	PROVISION SOCIAL (CULTURA CIUDADANA, ACTAS DE VECINDAD DE INICIO Y/O CIERRE	UN	150.00	34,881.37	$ 5,232,206.00	$436,017	$436,017	$436,017	$436,017												

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PROGRAMACIÓN DE ACTIVIDADES Y FLUJO DE FONDOS	AÑO 2021

No.DE ORDEN	CONDICIONES ORIGINALES					MES 1: SEPTIEMRE				MES 2: OCTUBRE				MES 3: NOVIEMBRE				MES 4: DICIEMBRE			
	ITEM DE PAGO	UNID	CANTIDAD	VALOR UNITARIO	V. TOTAL	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
	LONG. PROMEDIO <=30,00 M)																				
7. FRENTE DE SEGURIDAD																					
7.01	P. B. O. SUMINISTRO E INSTALACION ALARMA	UN	165.00	34,545.59	$ 5,700,022.00																
8. PROVISIONES																					
8.01	PLAN DE MANEJO AMBIENTAL Y SOCIAL	GLB	1.00	44,415,000.00	$ 44,415,000.00		$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816
8.02	PLAN DE MANEJO DE TRÁFICO	GLB	1.00	44,415,000.00	$ 44,415,000.00		$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816
8.03	REALCE DE VIVIENDAS Y REPARACION DE VIVIENDAS (ANCHO ENTRE 6 Y 8 METROS)	GLB	1.00	118,440,000.00	$ 118,440,000.00																
9. OBRAS PARA REPOSICION DE TUBERIAS																					
9.01	SUMINISTRO DE BRIDA UNIVERSAL EN HD DE 100 MM (4") NORMA ISO PN 10	UN	35.00	$97,318.20	$3,406,137.00							$567,690	$567,690	$567,690	$567,690	$567,690	$567,690				
9.02	SUMINISTRO DE BRIDA UNIVERSAL EN HD DE 150 MM (6") NORMA ISO PN 10	UN	15.00	$177,462.60	$2,661,939.00							$443,657	$443,657	$443,657	$443,657	$443,657	$443,657				
9.03	P.B.O. SUMINISTRO E INSTALACION DE TUBERIA PEAD PE100 110MM PN10	ML	690.00	$54,305.38	$37,470,712.00							$4,683,839	$4,683,839	$4,683,839	$4,683,839	$4,683,839	$4,683,839	$4,683,839	$4,683,839		
9.04	P.B.O. SUMINISTRO E INSTALACION TUBERIA PEAD PE40 20MM PN10	ML	1250.00	$16,432.05	$20,540,063.00						$2,054,006	$2,054,006	$2,054,006	$2,054,006	$2,054,006	$2,054,006	$2,054,006	$2,054,006	$2,054,006	$2,054,006	
9.05	P.B.O. SUMINISTRO E INSTALACION DE SILLETA ELECTROFUSION 110 X200 MM	UN	90.00	$191,533.74	$17,238,037.00						$1,723,804	$1,723,804	$1,723,804	$1,723,804	$1,723,804	$1,723,804	$1,723,804	$1,723,804	$1,723,804	$1,723,804	
9.06	P.B.O. SUMINISTRO E INSTALACION DE VALVULA COMPTA HD 100MM 4" ISO PN10	UN	4.00	$653,005.16	$2,612,021.00								$1,306,011	$1,306,011							
9.07	P.B.O. SUMINISTRO E INSTALACION DE SILLETA ELECTROFUSION 160 X200 MM	UN	100.00	$197,205.14	$19,720,514.00						$1,643,376	$1,643,376	$1,643,376	$1,643,376	$1,643,376	$1,643,376	$1,643,376	$1,643,376	$1,643,376	$1,643,376	$1,643,376
9.08	P.B.O. SUMINISTRO E INSTALACION DE TUBERIA PEAD PE100 160MM PN10	ML	390.00	$92,627.48	$36,124,717.00						$3,010,393	$3,010,393	$3,010,393	$3,010,393	$3,010,393	$3,010,393	$3,010,393	$3,010,393	$3,010,393	$3,010,393	$3,010,393
9.09	P.B.O. SUMINISTRO E INSTALACION DE TEE NOVAFORT 200MM X 160MM	UN	170.00	156,266.96	$26,565,383.00	$1,062,615	$1,062,615	$1,062,615	$1,062,615	$1,062,615	$1,062,615	$1,062,615	$1,062,615	$1,062,615	$1,062,615	$1,062,615	$1,062,615	$1,062,615	$1,062,615	$1,062,615	$1,062,615

COVEIN
CONSTRUCTORA DE OBRAS DE VIVIENDA E INGENIERIA SAS

BARRANQUILLA -

COVEIN S.

PROGRAMACIÓN DE ACTIVIDADES Y FLUJO DE F

PROGRAMACIÓN DE ACTIVIDADES Y FLUJO DE FONDOS	AÑO 2021

	CONDICIONES ORIGINALES					MES 1: SEPTIEMRE				MES 2: OCTUBRE				MES 3: NOVIEMBRE				MES 4: DICIEMBRE			
No.DE ORDEN	ITEM DE PAGO	UNID	CANTIDAD	VALOR UNITARIO	V. TOTAL	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
9.10	P.B.O. SUMINISTRO E INSTALACION DE TUBERIA ALCANTARILLADO NOVAFORT 160MM	ML	450.00	47,264.04	$21,268,818.00	$818,031	$818,031	$818,031	$818,031	$818,031	$818,031	$818,031	$818,031	$818,031	$818,031	$818,031	$818,031	$818,031	$818,031	$818,031	$818,031
9.11	P.B.O. SUMINISTRO E INSTALACION DE TUBERIA ALCANTARILLADO NOVAFORT 200MM	ML	800.00	60,697.65	$48,558,120.00	$1,942,325	$1,942,325	$1,942,325	$1,942,325	$1,942,325	$1,942,325	$1,942,325	$1,942,325	$1,942,325	$1,942,325	$1,942,325	$1,942,325	$1,942,325	$1,942,325	$1,942,325	$1,942,325
9.12	P.B.O. ENTIBADO TIPO DISCONTINUO	M2	670.00	38,392.27	$25,722,821.00					$1,714,855	$1,714,855	$1,714,855	$1,714,855	$1,714,855	$1,714,855	$1,714,855	$1,714,855	$1,714,855	$1,714,855	$1,714,855	$1,714,855
9.13	P.B.O. POZO DE INSPECCIÓN 1.45 M< H<= 1.80 M	UN	7.00	2,896,822.08	$20,277,755.00		$1,126,542	$1,126,542	$1,126,542	$1,126,542	$1,126,542	$1,126,542	$1,126,542	$1,126,542	$1,126,542	$1,126,542	$1,126,542	$1,126,542	$1,126,542	$1,126,542	$1,126,542
				COSTO DIRECTO	$5,858,038,308.00	$118,648,751	$136,340,096	$173,535,076	$192,502,905	$194,813,071	$192,155,730	$196,670,862	$197,976,872	$199,641,758	$193,342,320	$186,284,366	$194,414,665	$183,285,215	$176,813,948	$165,708,713	$31,729,281
	ADMINISTRACION	%	20.00		$1,171,607,662.00	$23,709,750	$27,268,019	$34,707,015	$38,500,581	$38,962,614	$38,431,146	$39,334,172	$39,595,374	$39,928,352	$38,668,464	$37,256,873	$38,882,933	$36,657,043	$35,362,790	$33,141,743	$6,345,856
	UTILIDAD	%	5.00		$292,901,915.00	$5,927,438	$6,817,005	$8,676,754	$9,625,145	$9,740,654	$9,607,786	$9,833,543	$9,898,844	$9,982,088	$9,667,116	$9,314,218	$9,720,733	$9,164,261	$8,840,697	$8,285,436	$1,586,464
	IMPREVISTOS	%	5.00		$292,901,915.00	$5,927,438	$6,817,005	$8,676,754	$9,625,145	$9,740,654	$9,607,786	$9,833,543	$9,898,844	$9,982,088	$9,667,116	$9,314,218	$9,720,733	$9,164,261	$8,840,697	$8,285,436	$1,586,464
	TOTAL COSTOS INDIRECTOS	%	30.00		$1,757,411,492.00	$35,564,625	$40,902,029	$52,060,523	$57,750,872	$58,443,921	$57,646,719	$59,001,259	$59,393,062	$59,892,527	$58,002,696	$55,885,310	$58,324,400	$54,985,565	$53,044,184	$49,712,614	$9,518,784
				COSTO TOTAL DEL PROYECTO	$7,615,449,800.00	$154,113,376	$177,242,124	$225,595,599	$250,253,777	$253,256,993	$249,802,449	$255,672,121	$257,369,934	$259,534,285	$251,345,016	$242,169,676	$252,739,065	$238,270,780	$229,858,132	$215,421,327	$41,248,066
	VALOR TOTAL PROGRAMADO POR SEMANA					$154,113,376	$177,242,124	$225,595,599	$250,253,777	$253,256,993	$249,802,449	$255,672,121	$257,369,934	$259,534,285	$251,345,016	$242,169,676	$252,739,065	$238,270,780	$229,858,132	$215,421,327	$41,248,066
	VALOR TOTAL EJECUTADO POR SEMANA					$154,113,376	$331,355,501	$556,951,099	$807,204,876	$1,060,461,869	$1,310,264,318	$1,565,936,438	$1,823,306,372	$2,082,840,657	###########	$2,576,355,349	$2,829,094,414	$3,067,365,194	$3,297,223,326	$3,512,644,653	$3,553,892,719
	% TOTAL ACUMULADO EJECUTADO POR SEMANA					2.02%	4.35%	7.31%	10.60%	13.93%	17.21%	20.56%	23.94%	27.35%	30.65%	33.83%	37.15%	40.28%	43.30%	46.13%	46.67%

ATLÁNTICO

A.S.

'ONDOS: BARRIOS A LA OBRA, MÓDULO III

EDUBAR
EMPRESA DE DESARROLLO URBANO DE BARRANQUILLA S.A.

AÑO 2022

MES 5: ENERO				MES 6: FEBRERO				MES 7: MARZO				MES 8: ABRIL				MES 9:MAYO				MES 10: JUNIO			
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
$3,853,451	$3,853,451	$3,853,451		$3,853,451		$3,853,451																	
$9,494,043	$9,494,043	$9,494,043	$9,494,043	$9,494,043																			
$26,138,632		$26,138,632		$26,138,632	$26,138,632		$26,093,087	$25,093,087	$25,093,087	$25,093,087	$25,093,087	$25,093,087	$25,093,087										
$1,782,820	$1,782,820		$1,782,820	$1,782,820	$1,782,820		$1,782,820	$1,782,820	$1,782,820		$1,782,820	$1,782,820	$1,782,820		$1,782,820	$1,782,820							
$3,513,361	$3,513,361		$3,513,361	$3,513,361	$3,513,361		$3,513,361	$3,513,361	$3,513,361		$3,513,361	$3,513,361	$3,513,361		$3,513,361	$3,513,361							
$231,848	$231,848	$231,848	$231,848	$231,848	$231,848	$231,848	$231,848	$231,848	$231,848	$231,848	$231,848	$231,848	$231,848	$231,848	$231,848	$231,848							

ATLÁNTICO

A.S.

'ONDOS: BARRIOS A LA OBRA, MÓDULO III

EDUBAR
EMPRESA DE DESARROLLO URBANO DE BARRANQUILLA S.A.

AÑO 2022

MES 5: ENERO				MES 6: FEBRERO				MES 7: MARZO				MES 8: ABRIL				MES 9:MAYO				MES 10: JUNIO			
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
$4,723,358	$4,723,358	$4,723,358	$4,723,358	$4,723,358	$4,723,358	$4,723,358	$4,723,358	$4,723,358	$4,723,358	$4,723,358	$4,723,358	$4,723,358		$4,723,358	$4,723,358	$4,723,358	$4,723,358	$4,723,358	$4,723,358	$4,723,358	$4,723,358	$4,723,358	
$57,637,711	$57,637,711	$57,637,711	$57,637,711	$57,637,711	$57,637,711	$57,637,711	$57,637,711	$57,637,711	$57,637,711	$57,637,711	$57,637,711	$57,637,711		$57,637,711	$57,637,711	$57,637,711	$57,637,711	$57,637,711	$57,637,711	$57,637,711	$57,637,711	$57,637,711	
$15,690,516	$15,690,516	$15,690,516	$15,690,516	$15,690,516	$15,690,516	$15,690,516	$15,690,516	$15,690,516	$15,690,516	$15,690,516	$15,690,516	$15,690,516		$15,690,516	$15,690,516	$15,690,516	$15,690,516	$15,690,516	$15,690,516	$15,690,516	$15,690,516	$15,690,516	
$7,315,476	$7,315,476	$7,315,476	$7,315,476	$7,315,476	$7,315,476	$7,315,476	$7,315,476	$7,315,476	$7,315,476	$7,315,476	$7,315,476	$7,315,476		$7,315,476	$7,315,476	$7,315,476	$7,315,476	$7,315,476	$7,315,476	$7,315,476	$7,315,476	$7,315,476	
$4,816,403	$4,816,403	$4,816,403	$4,816,403	$4,816,403	$4,816,403	$4,816,403	$4,816,403	$4,816,403	$4,816,403	$4,816,403	$4,816,403	$4,816,403		$4,816,403	$4,816,403	$4,816,403	$4,816,403	$4,816,403	$4,816,403	$4,816,403	$4,816,403	$4,816,403	
$4,823,199	$4,823,199	$4,823,199	$4,823,199	$4,823,199	$4,823,199	$4,823,199	$4,823,199	$4,823,199	$4,823,199	$4,823,199	$4,823,199	$4,823,199		$4,823,199	$4,823,199	$4,823,199	$4,823,199	$4,823,199	$4,823,199	$4,823,199	$4,823,199	$4,823,199	
$8,945,295	$8,945,295	$8,945,295	$8,945,295	$8,945,295	$8,945,295	$8,945,295	$8,945,295	$8,945,295	$8,945,295	$8,945,295	$8,945,295	$8,945,295		$8,945,295	$8,945,295	$8,945,295	$8,945,295	$8,945,295	$8,945,295	$8,945,295	$8,945,295	$8,945,295	
$2,678,975	$2,678,975	$2,678,975	$2,678,975	$2,678,975	$2,678,975	$2,678,975	$2,678,975	$2,678,975	$2,678,975	$2,678,975	$2,678,975	$2,678,975		$2,678,975	$2,678,975	$2,678,975	$2,678,975	$2,678,975	$2,678,975	$2,678,975	$2,678,975	$2,678,975	
$587,294	$587,294	$587,294	$587,294	$587,294	$587,294																		
$161,235	$161,235	$161,235	$161,235																				
							$1,452,151	$1,452,151	$1,452,151	$1,452,151	$1,452,151	$1,452,151											

ATLÁNTICO

A.S.

'ONDOS: BARRIOS A LA OBRA, MÓDULO III

AÑO 2022

MES 5: ENERO				MES 6: FEBRERO				MES 7: MARZO				MES 8: ABRIL				MES 9:MAYO				MES 10: JUNIO			
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
							$2,778,466	$2,778,466	$2,778,466	$2,778,466	$2,778,466	$2,778,466	$2,778,466	$2,778,466	$2,778,466	$2,778,466	$2,778,466	$2,778,466	$2,778,466				
							$2,641,649	$2,641,649	$2,641,649	$2,641,649	$2,641,649	$2,641,649	$2,641,649	$2,641,649	$2,641,649	$2,641,649	$2,641,649	$2,641,649	$2,641,649				
$1,338,932	$1,338,932	$1,338,932	$1,338,932																				
								$304,956	$304,956	$304,956	$304,956	$304,956	$304,956	$304,956	$304,956								
																				$4,993,427	$4,993,427	$4,993,427	
$1,125,215																							$1,125,215
$206,706	$206,706	$206,706	$206,706	$206,706	$206,706	$206,706	$206,706																
			$11,520,698																				
																$436,017	$436,017	$436,017	$436,017	$436,017	$436,017	$436,017	$436,017

ATLÁNTICO

A.S.

'ONDOS: BARRIOS A LA OBRA, MÓDULO III

AÑO 2022

MES 5: ENERO				MES 6: FEBRERO				MES 7: MARZO				MES 8: ABRIL				MES 9:MAYO				MES 10: JUNIO			
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
$1,425,006	$1,425,006	$1,425,006	$1,425,006																				
$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	
$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	$1,168,816	
														$13,160,000	$13,160,000	$13,160,000	$13,160,000	$13,160,000	$13,160,000	$13,160,000	$13,160,000	$13,160,000	
$1,643,376																							
$3,010,393																							
$1,062,615	$1,062,615	$1,062,615	$1,062,615	$1,062,615	$1,062,615	$1,062,615	$1,062,615	$1,062,615															

ATLÁNTICO

A.S.

'ONDOS: BARRIOS A LA OBRA, MÓDULO III

AÑO 2022

MES 5: ENERO				MES 6: FEBRERO				MES 7: MARZO				MES 8: ABRIL				MES 9:MAYO				MES 10: JUNIO			
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
$818,031	$818,031	$818,031	$818,031	$818,031	$818,031	$818,031	$818,031	$818,031	$818,031														
$1,942,325	$1,942,325	$1,942,325	$1,942,325	$1,942,325	$1,942,325	$1,942,325	$1,942,325	$1,942,325															
$1,714,855	$1,714,855	$1,714,855																					
$1,126,542	$1,126,542	$1,126,542																					
$170,145,246	**$138,227,629**	**$159,070,080**	**$143,053,479**	**$158,599,692**	**$145,252,198**	**$117,083,542**	**$150,491,624**	**$150,589,873**	**$147,584,933**	**$141,470,721**	**$146,766,902**	**$146,766,902**	**$38,683,817**	**$128,085,483**	**$133,381,664**	**$133,612,725**	**$127,984,697**	**$127,984,697**	**$127,984,697**	**$127,558,010**	**$127,558,010**	**$127,558,010**	**$1,561,232**
$34,029,049	$27,645,526	$31,814,016	$28,610,696	$31,719,938	$29,050,440	$23,416,708	$30,098,325	$30,117,975	$29,516,987	$28,294,144	$29,353,380	$29,353,380	$7,736,763	$25,617,097	$26,676,333	$26,702,545	$25,596,939	$25,596,939	$25,596,939	$25,511,602	$25,511,602	$25,511,602	$312,246
$8,507,262	$6,911,381	$7,953,504	$7,152,674	$7,929,985	$7,262,610	$5,854,177	$7,524,581	$7,529,494	$7,379,247	$7,073,536	$7,338,345	$7,338,345	$1,934,191	$6,404,274	$6,669,083	$6,675,636	$6,399,235	$6,399,235	$6,399,235	$6,377,900	$6,377,900	$6,377,900	$78,062
$8,507,262	$6,911,381	$7,953,504	$7,152,674	$7,929,985	$7,262,610	$5,854,177	$7,524,581	$7,529,494	$7,379,247	$7,073,536	$7,338,345	$7,338,345	$1,934,191	$6,404,274	$6,669,083	$6,675,636	$6,399,235	$6,399,235	$6,399,235	$6,377,900	$6,377,900	$6,377,900	$78,062
$51,043,574	$41,468,289	$47,721,024	$42,916,044	$47,579,908	$43,575,660	$35,125,062	$45,147,487	$45,176,962	$44,275,480	$42,441,216	$44,030,071	$44,030,071	$11,605,145	$38,425,645	$40,014,499	$40,053,818	$38,395,409	$38,395,409	$38,395,409	$38,267,403	$38,267,403	$38,267,403	$468,370
$221,188,819	**$179,695,918**	**$206,791,105**	**$185,969,523**	**$206,179,600**	**$188,827,858**	**$152,208,604**	**$195,639,111**	**$195,766,835**	**$191,860,413**	**$183,911,937**	**$190,796,972**	**$190,796,972**	**$50,288,963**	**$166,511,128**	**$173,396,163**	**$173,566,543**	**$166,380,106**	**$166,380,106**	**$166,380,106**	**$165,825,413**	**$165,825,413**	**$165,825,413**	**$2,029,602**
$221,188,819	$179,695,918	$206,791,105	$185,969,523	$206,179,600	$188,827,858	$152,208,604	$195,639,111	$195,766,835	$191,860,413	$183,911,937	$190,796,972	$190,796,972	$50,288,963	$166,511,128	$173,396,163	$173,566,543	$166,380,106	$166,380,106	$166,380,106	$165,825,413	$165,825,413	$165,825,413	$2,029,602
$3,775,081,538	$3,954,777,455	$4,161,568,560	$4,347,538,083	$4,553,717,683	$4,742,545,541	$4,894,754,145	$5,090,393,256	$5,286,160,091	$5,478,020,504	$5,661,932,441	$5,852,729,413	$6,043,526,385	$6,093,815,348	$6,260,326,475	$6,433,722,638	$6,607,289,181	$6,773,669,287	$6,940,049,393	$7,106,429,499	$7,272,254,911	$7,438,080,324	$7,603,905,737	$7,605,935,338
49.57%	51.93%	54.65%	57.09%	59.80%	62.28%	64.27%	66.84%	69.41%	71.93%	74.35%	76.85%	79.36%	80.02%	82.21%	84.48%	86.76%	88.95%	91.13%	93.32%	95.49%	97.67%	99.85%	100.00%