

CRONOGRAMA DE EJECUCIÓN FISICO - FINANCIERA DE OBRA																											
XPEDIENTE TÉCNICO: "MEJORAMIENTO DEL SERVICIO DE AGUA DE RIEGO PAYANCA EN LA LOCALIDAD DE PAYANCA, DISTRITO DE TAMBOBAMBA, PROVINCIA DE COTABAMBA – APURIMAC" CON CÓDIGO ÚNICO DE INVERSIÓN: N°2512295																											
Nº	PARTIDAS		COSTO DIRECTO	PERIODO DE EJECUSION DE OBRA																							
				1º MES				2º MES				3º MES				4º MES				5º MES				6º MES			
				S--01	S--02	S--03	S--04	S--01	S--02	S--03	S--04	S--01	S--02	S--03	S--04	S--01	S--02	S--03	S--04	S--01	S--02	S--03	S--04	S--01	S--02	S--03	S--04
01	MEJORAMIENTO DEL SERVICIO DE AGUA DEL SISTEMA DE RIEGO PAYANCA		4,417,944.68	350,097.49	115,641.04	132,759.79	132,759.79	148,242.16	236,303.23	189,445.39	189,445.39	209,573.27	209,573.27	181,916.31	181,916.31	245,169.75	242,161.69	298,222.93	296,185.40	177,198.40	175,694.37	189,144.49	188,125.73	76,749.78	75,245.75	88,695.87	87,677.11
			4,417,944.68																								
01.01	OBRAS DE USO COMUN		1,482,505.51																								
		S/.		322,517.52																							
01.01.01	OBRAS PROVICIONALES	A	322,517.52																								
		%	100%	100%																							
		S/.	25,260.49	6,315.12	6,315.12	6,315.12	6,315.12																				
01.01.02	BOCATOMA PAYANCA 1 (01 UND)	A	25,260.49																								
		%	100%	25%	25%	25%	25%																				
		S/.	24,189.85	6,047.46	6,047.46	6,047.46	6,047.46																				
01.01.03	BOCATOMA PAYANCA 2 (01 UND)	A	24,189.85																								
		%	100%	25%	25%	25%	25%																				
		S/.	20,454.54					5,113.64	5,113.64	5,113.64	5,113.64																
01.01.04	BOCATOMA TRANGA 1 (01 UND)	A	20,454.54																								
		%	100%					25%	25%	25%	25%																
		S/.	11,412.98									2,853.25	2,853.25	2,853.25	2,853.25												
01.01.05	CAPTACIÓN TIPO C-1 PAYANCA B (01 UND)	A	11,412.98																								
		%	100%									25%	25%	25%	25%												
		S/.	7,061.27													1,765.32	1,765.32	1,765.32	1,765.32								
01.01.06	CAPTACIÓN TIPO C-1 PAYANCA A (01 UND)	A	7,061.27																								
		%	100%													25%	25%	25%	25%								
		S/.	6,426.83																	1,606.71	1,606.71	1,606.71	1,606.71				
01.01.07	CAPTACIÓN TIPO C-1 CCOCHALLAPO (01 UND)	A	6,426.83																								
		%	100%																	25%	25%	25%	25%				
		S/.	6,490.23																					1,622.56	1,622.56	1,622.56	1,622.56
01.01.08	CAPTACIÓN TIPO C-1 TRANGA N°01 (01 UND)	A	6,490.23																								
		%	100%																					25%	25%	25%	25%
		S/.	6,456.64					1,614.16	1,614.16	1,614.16	1,614.16																
01.01.09	CAPTACIÓN TIPO C-1 TRANGA N°02 (01 UND)	A	6,456.64																								
		%	100%					25%	25%	25%	25%																
		S/.	14,736.30	736.82	736.82	736.82	736.82	736.82	736.82	736.82	736.82	736.82	736.82	736.82	736.82	736.82	736.82	736.82	736.82	736.82	736.82	736.82	736.82				
01.01.10	DESARENADOR PAYANCA (01 UND)	A	14,736.30																								
		%	100%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%				
		S/.	14,883.58	744.18	744.18	744.18	744.18	744.18	744.18	744.18	744.18	744.18	744.18	744.18	744.18	744.18	744.18	744.18	744.18	744.18	744.18	744.18	744.18				
01.01.11	DESARENADOR TRANGA (01 UND)	A	14,883.58																								
		%	100%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%				
		S/.	274,727.75	13,736.39	13,736.39	13,736.39	13,736.39	13,736.39	13,736.39	13,736.39	13,736.39	13,736.39	13,736.39	13,736.39	13,736.39	13,736.39	13,736.39	13,736.39	13,736.39	13,736.39	13,736.39	13,736.39	13,736.39				
01.01.12	LINEA DE CONDUCCIÓN A PRESIÓN TUB. 160mm PN 5, TUB. 110mm PN 5 Y TUB. 1 1/2 pulg C	A	274,727.75																								
		%	100%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%				
		S/.	3,571.35																					892.84	892.84	892.84	892.84
01.01.13	VALVULAS DE PURGA T-1 (02 UND)	A	3,571.35																								
		%	100%																					25%	25%	25%	25%
		S/.	4,492.31					1,123.08	1,123.08	1,123.08	1,123.08																
01.01.14	VALVULAS DE AIRE DOBLE EFECTO T-1 (05 UND)	A	4,492.31																								
		%	100%					25%	25%	25%	25%																
		S/.	18,584.67									4,646.17	4,646.17	4,646.17	4,646.17												
01.01.15	CÁMARA DE REUNION (05 UND)	A	18,584.67																								
		%	100%									25%	25%	25%	25%												
		S/.	347,776.32													86,944.08	86,944.08	86,944.08									

CRONOGRAMA DE EJECUCIÓN FISICO - FINANCIERA DE OBRA

EXPEDIENTE TÉCNICO: "MEJORAMIENTO DEL SERVICIO DE AGUA DE RIEGO PAYANCA EN LA LOCALIDAD DE PAYANCA, DISTRITO DE TAMBOBAMBA, PROVINCIA DE COTABAMBA – APURIMAC" CON CÓDIGO ÚNICO DE INVERSIÓN: N°2512295

Nº	PARTIDAS		COSTO DIRECTO	PERIODO DE EJECUSION DE OBRA																							
				1º MES				2º MES				3º MES				4º MES				5º MES				6º MES			
				S-01	S-02	S-03	S-04	S-01	S-02	S-03	S-04	S-01	S-02	S-03	S-04	S-01	S-02	S-03	S-04	S-01	S-02	S-03	S-04	S-01	S-02	S-03	S-04
			4,417,944.68	350,097.49	115,641.04	132,759.79	132,759.79	148,242.16	236,303.23	189,445.39	189,445.39	209,573.27	209,573.27	181,916.31	181,916.31	245,169.75	242,161.69	298,222.93	296,185.40	177,198.40	175,694.37	189,144.49	188,125.73	76,749.78	75,245.75	88,695.87	87,677.11
01	MEJORAMIENTO DEL SERVICIO DE AGUA DEL SISTEMA DE RIEGO PAYANCA		4,417,944.68																								
		S/.	171,910.86					8595.54	8595.54	8595.54	8595.54	17191.09	17191.09	17191.09	17191.09	8595.54	8595.54	8595.54	8595.54	4297.77	4297.77	4297.77	4297.77	4297.77	4297.77	4297.77	4297.77
01.02.06	HIDRANTES (252.0 UND)	A	171,910.86																								
		%	100%					5%	5%	5%	5%	10%	10%	10%	10%	5%	5%	5%	5%	3%	3%	3%	3%	3%	3%	3%	3%
		S/.	107,601.00															26900.25	26900.25			13450.13	13450.13			13450.13	13450.13
01.02.07	MÓDULO DE RIEGO	A	107,601.00																								
		%	100%															25%	25%			13%	13%			13%	13%
		S/.	68,475.00			17,118.75	17,118.75	17,118.75	17,118.75																		
01.03	CAPACITACION Y SENSIBILIZACION EN OBRA	A	68,475.00																								
		%	100%			25%	25%	25%	25%																		
		S/.	5,040.30									504.03	504.03	1,008.06	1,008.06	1,008.06				504.03					504.03		
01.04	PRUEBAS Y ENSAYOS	A	5,040.30																								
		%	100%									10%	10%	20%	20%	20%				10%					10%		
		S/.	10,000.00									1,000.00	1,000.00	2,000.00	2,000.00	2,000.00				1,000.00					1,000.00		
01.05	MITIGACION AMBIENTAL	A	10,000.00																								
		%	100%									10%	10%	20%	20%	20%				10%					10%		
		S/.	18,950.00				947.50	947.50	947.50	947.50	947.50	947.50	947.50	947.50	947.50	1,895.00	1,895.00	1,895.00		947.50	947.50	947.50		947.50	947.50	947.50	
01.06	PLAN DE MONITOREO ARQUEOLOGICO	A	18,950.00																								
		%	100%				5%	5%	5%	5%	5%	5%	5%	5%	5%	10%	10%	10%		5%	5%	5%		5%	5%	5%	
		S/.	1,425.30				71.27	71.27	71.27	71.27	71.27	71.27	71.27	71.27	71.27	142.53	142.53	142.53		71.27	71.27	71.27		71.27	71.27	71.27	
01.07	PLACA RECORDATORIO	A	1,425.30																								
		%	100%				5%	5%	5%	5%	5%	5%	5%	5%	5%	10%	10%	10%		5%	5%	5%		5%	5%	5%	
TOTAL COSTO DIRECTO			4,417,944.68	350,097.49	115,641.04	132,759.79	132,759.79	148,242.16	236,303.23	189,445.39	189,445.39	209,573.27	209,573.27	181,916.31	181,916.31	245,169.75	242,161.69	298,222.93	296,185.40	177,198.40	175,694.37	189,144.49	188,125.73	76,749.78	75,245.75	88,695.87	87,677.11
AVANCE FINANCIERO PROGRAMADO (S/.)			4,417,944.68	731,258.10				763,436.16				782,979.17				1,081,739.76				730,162.98				328,368.50			
AVANCE FISICO PROGRAMADO (%)				16.55%				17.28%				17.72%				24.49%				16.53%				7.43%			
GASTOS GENERALES (8.50% C.D.)			375,707.26	62187.06				64923.52				66585.48				91992.43				62093.93				27924.85			
UTILIDAD (4.0% C.D.)			176,717.79	29250.32				30537.45				31319.17				43269.59				29206.52				13134.74			
SUB TOTAL DEL PRESUPUESTO			4,970,369.73	822695.49				858897.13				880883.82				1217001.79				821463.42				369428.09			
IGV (18%)			894,666.55	148085.19				154601.48				158559.09				219060.32				147863.42				66497.06			
PRESUPUESTO DE EJECIÓN DEL PROYECTO			5,865,036.28	970780.67				1013498.61				1039442.90				1436062.11				969326.84				435925.15			
ELABORACION DE EXPEDIENTE TÉCNICO (1.53% P.E.)			90,000.00	14896.80				15552.31				15950.43				22036.62				14874.49				6689.35			
SUPERVISION DE OBRA (4.20% P.E.)			246,052.67	40726.63				42518.75				43607.18				60246.33				40665.64				18288.13			
GASTOS DE LIQUIDACIÓN (0.060% P.E.)			32,000.00	5296.64				5529.71				5671.26				7835.24				5288.71				2378.43			
PRESUPUESTO TOTAL DEL PROYECTO DE INVERSION			6,233,088.95	1,031,700.74				1,077,099.39				1,104,671.78				1,526,180.31				1,030,155.68				463,281.06			
AVANCE FISICO PROGRAMADO ACUMULADO (%)				16.55%				17.28%				17.72%				24.49%				16.53%				7.43%			
CONTROL CONCURRENTE (1.0% C.T.)			62,360.89	10321.97				10776.18				11052.03				15269.15				10306.52				4635.04			
COSTO TOTAL DE LA OBRA + CC			6,295,449.84	1,042,022.72				1,087,875.57				1,115,723.82				1,541,449.46				1,040,462.19				467,916.10			
AVANCE FISICO PROGRAMADO ACUMULADO (%)				16.55%				17.28%				17.72%				24.49%				16.53%				7.43%			
				100.00%																							