

CALENDARIO DE ADQUISICIÓN DE MATERIALES

Obra: **RENOVACIÓN DE TUBERÍA DE PLÁSTICO PVC Y TUBERÍA DE PLÁSTICO PVC; EN EL(LA) A.P.V.M. LOS EDUCADORES EN LA LOCALIDAD PIURA, DISTRITO DE PIURA, PROVINCIA PIURA, DEPARTAMENTO PIURA.**

Cliente: MUNICIPALIDAD PROVINCIAL DE PIURA

Lugar: PIURA - PIURA - PIURA

Plazo: 180 Dias Calendario

SISTEMA DE AGUA POTABLE

ITEM	DESCRIPCION	PRESUPUESTO				MES N° 01 (16DIAS)		MES N° 02 (30 DIAS)		MES N° 03 (31 DIAS)		MES N° 04 (30 DIAS)		MES N° 05 (31 DIAS)		MES N° 06 (31 DIAS)		MES N° 07 (11 DIAS)												
		UND	CANT.	CTO \$/.	PARCIAL	CANT.	COSTO	CANT.	COSTO	CANT.	COSTO	CANT.	COSTO	CANT.	COSTO	CANT.	COSTO	CANT.	COSTO											
02.00.00	MATERIALES			S/.	827,566.77		S/.	84,508.86		S/.	262,355.19		S/.	166,637.70		S/.	260,697.85		S/.	25,976.34		S/.	18,051.91		S/.	9,338.93				
	ACERO CORRUGADO fy = 4200 kg/cm2 GRADO 60	kg	119.70	4.40	S/.	526.68			90.97	S/.	400.28	28.73	S/.	126.40																
	CALAMINA GALVANIZADA 3.60X0.80X0.20	pza	82.50	22.80	S/.	1,881.00	9.57	S/.	218.19	17.93	S/.	408.87	18.53	S/.	422.55	17.93	S/.	408.87	18.53	S/.	422.52									
	ESTACA DE FIERRO CORRUGADO	kg	196.67	4.40	S/.	865.33	196.67	S/.	865.33																					
	CLAVOS C/C DE 3"	kg	11.00	4.40	S/.	48.40	1.28	S/.	5.62	2.39	S/.	10.51	2.47	S/.	10.88	2.39	S/.	10.51	2.47	S/.	10.88									
	ABRAZADERA DE PVC 110MM	und	450.32	36.44	S/.	16,409.68				38.00	S/.	1,384.74	412.32	S/.	15,024.94															
	ABRAZADERA DE PVC 160MM	und	44.96	97.46	S/.	4,381.97				5.96	S/.	581.03	39.00	S/.	3,800.94															
	TUBERÍA PVC AGUA C-10, 1/2"	m	4,694.00	2.26	S/.	10,608.44				336.80	S/.	761.17	4,357.20	S/.	9,847.27															
	TUBERIA PVC SAL D= 2"	m	4,694.00	3.48	S/.	16,335.12				336.80	S/.	1,172.06	4,357.20	S/.	15,163.06															
	CURVA PVC PARA AGUA DE 1/2"	und	485.00	2.97	S/.	1,440.45				33.68	S/.	100.03	451.32	S/.	1,340.42															
	UNION PVC C-10 DE 1/2"	und	970.00	2.12	S/.	2,056.40				67.36	S/.	142.80	902.64	S/.	1,913.60															
	PIEDRA CHANCADA 1/2"	m3	12.16	115.00	S/.	1,398.17			3.99	S/.	459.17	1.21	S/.	139.71	6.95	S/.	799.29													
	ARENA GRUESA	m3	67.94	55.00	S/.	3,736.82			3.24	S/.	178.42	5.03	S/.	276.85	59.66	S/.	3,281.55													
	HORMIGON	m3	16.50	52.00	S/.	858.00	1.91	S/.	99.53	3.59	S/.	186.50	3.71	S/.	192.74	3.59	S/.	186.50	3.71	S/.	192.73									
	AFIRMADO	m3	1,802.00	55.00	S/.	99,110.04			162.18	S/.	8,919.90	1,639.82	S/.	90,190.14																
	MARCO y TAPA TERMOPLASTICA PARA CAJA DE CONEXION DOMICIL. DE AGUA	und	485.00	50.85	S/.	24,662.25				33.68	S/.	1,712.63	451.32	S/.	22,949.62															
	MARCO Y TAPA HDUCTIL P/ REGISTRO DE VALVULA	und	25.00	75.00	S/.	1,875.00			21.40	S/.	1,605.00	3.60	S/.	270.00																
	CODO DE 110MM X 45° PVC	und	2.00	46.61	S/.	93.22			2.00	S/.	93.22																			
	CODO DE 90° SP PVC SAP P/AGUA DE 1/2"	und	970.00	2.12	S/.	2,056.40				67.36	S/.	142.80	902.64	S/.	1,913.60															
	CEMENTO PORTLAND TIPO V	bol	242.50	30.55	S/.	7,408.39				16.84	S/.	514.46	225.66	S/.	6,893.93															
	CEMENTO PORTLAND TIPO MS.	bol	246.55	25.30	S/.	6,237.71	12.76	S/.	322.83	70.20	S/.	1,776.04	39.06	S/.	988.18	99.82	S/.	2,525.50	24.71	S/.	625.16									
	YESO EN BOLSAS DE 18 kg	bol	245.83	12.98	S/.	3,190.92	245.83	S/.	3,190.92																					
	ALQUILER DE LOCAL P/OFCINAS Y ALMACEN	mes	1.50	850.00	S/.	1,275.00	1.50	S/.	1,275.00																					
	TUBERIA PVC-O, UF, PN8, D=110 mm, NTP ISO 16422:2012.	m	4,560.23	31.07	S/.	141,686.19			4,556.45	S/.	141,568.75	3.78	S/.	117.44																
	TUBERIA PVC-O, UF, PN8, D=160 mm, NTP ISO 16422:2012.	m	637.08	78.39	S/.	49,940.58			637.08	S/.	49,940.58																			
	CORPORATION RT NIPLE TUERCA EMPAQUE 1/2"	und	534.17	18.64	S/.	9,956.87				82.85	S/.	1,544.27	451.32	S/.	8,412.60															
	CAJA DE CONCRETO PARA MEDIDOR	und	485.00	29.66	S/.	14,385.10				33.68	S/.	998.95	451.32	S/.	13,386.15															
	LUBRICANTE PARA TUBERIA	gal	272.31	38.14	S/.	10,386.05			272.13	S/.	10,379.18	0.18	S/.	6.87																
	LOSA CON NICHOS PARA MEDIDOR DE AGUA POTABLE 1/2"	und	485.00	20.34	S/.	9,864.90				33.68	S/.	685.05	451.32	S/.	9,179.85															
	MADERA TORNILLO	p2	2,200.00	8.00	S/.	17,600.00	255.20	S/.	2,041.60	478.20	S/.	3,825.60	494.20	S/.	3,953.60	478.20	S/.	3,825.60	494.20	S/.	3,953.60									
	TRIPLAY DE 6mm	pln	82.50	32.71	S/.	2,698.58	9.57	S/.	313.05	17.93	S/.	586.58	18.53	S/.	606.19	17.93	S/.	586.58	18.53	S/.	606.19									
	PINTURA ESMALTE	gal	49.17	38.00	S/.	1,868.33	49.17	S/.	1,868.33																					
	BALDE DE 18LT	und	48.00	10.93	S/.	524.64	4.24	S/.	46.35	8.00	S/.	87.44	8.00	S/.	87.44	8.00	S/.	87.44	8.00	S/.	87.44	8.00	S/.	87.44	8.00	S/.	87.44	3.76	S/.	41.09
	CINTA TEFLON	und	1,019.17	3.10	S/.	3,159.42				116.53	S/.	361.24	902.64	S/.	2,798.18															
	ANILLO DE JEBE P/TUB. PVC - UF DN 160MM	und	43.00	6.78	S/.	291.54			43.00	S/.	291.54																			
	CRUZ DE 160MM X 160MM PVC	und	2.00	555.08	S/.	1,110.16			2.00	S/.	1,110.16																			
	ANILLO DE JEBE P/TUB. PVC - UF DN 110MM	und	107.00	4.24	S/.	453.68			96.20	S/.	407.89	10.80	S/.	45.79																
	CRUZ DE 110MM X 110MM PVC	und	5.00	300.85	S/.	1,504.25			5.00	S/.	1,504.25																			
	TEE DE 160 X 110 MM PVC C-10	und	7.00	156.00	S/.	1,092.00			7.00	S/.	1,092.00																			
	TEE DE 110MM PVC	und	17.00	58.46	S/.	993.82			13.40	S/.	783.36	3.60	S/.	210.46																
	MEDIDOR DE CHORRO MULTIPLE 1/2" PARA AGUA	und	485.00	122.88	S/.	59,596.80				33.68	S/.	4,138.60	451.32	S/.	55,458.20															
	TACHOS DE PLÁSTICO PARA BASURA 54 LT	und	7.00	50.76	S/.	355.32	7.00	S/.	355.32																					
	TACHO DE PEDAL DE ACERO INOXIDABLE 12 LT	und	4.00	42.29	S/.	169.16	4.00	S/.	169.16																					
	NIPLE PVC SAP A-10 1/2"X4"	und	485.00	5.08	S/.	2,463.80				33.68	S/.	171.09	451.32	S/.	2,292.71															
	VALVULA COMPUERTA HD DE 6"	und	8.00	724.58	S/.	5,796.64			8.00	S/.	5,796.64																			
	VALVULA COMPUERTA HD DE 4"	und	17.00	521.19	S/.	8,860.23			13.40	S/.	6,983.95	3.60	S/.	1,876.28																
	GRIFO CONTRA INCENDIO HIERRO DUCTIL TIPO POSTE 2 BOCAS DN 110MM	und	4.00	2330.51	S/.	9,322.04			0.40	S/.	932.20	3.60	S/.	8,389.84																
	GRIFO CONTRA INCENDIO HIERRO DUCTIL TIPO POSTE 2 BOCAS DN 160MM	und	2.00	2542.37	S/.	5,084.74			2.00	S/.	5,084.74																			
	LLAVE DE PASO PVC 1/2" (INC.TUER-NIPLE)	und	970.00	23.73	S/.	23,018.10				67.36	S/.	1,598.45	902.64	S/.	21,419.65															
	LENTES DE SEGURIDAD TIPO GOOGLE	und	378.00	27.88	S/.	10,538.64	33.39	S/.	930.91	63.00	S/.	1,756.44	63.00	S/.	1,756.44	63.00	S/.	1,756.44	63.00	S/.	1,756.44	63.00	S/.	1,756.44	63.00	S/.	1,756.44	29.61	S/.	825.53

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		UND	CANT.	CTO S/.	PARCIAL	CANT.	COSTO	CANT.	COSTO	CANT.	COSTO	CANT.	COSTO	CANT.	COSTO	CANT.	COSTO	CANT.	COSTO	
	PULSOMETRO DIGITAL	und	1.00	236.44	S/.	236.44	1.00	S/.	236.44											
	PROGRAMA DE MITIGACION	mes	1.00	10300.00	S/.	10,300.00	1.00	S/.	10,300.00											
	PROGRAMA DE MANEJO DE RESIDUOS SOLIDOS	mes	1.00	14300.00	S/.	14,300.00	1.00	S/.	14,300.00											
	PLAN DE CONTINGENCIA	mes	1.00	2000.00	S/.	2,000.00	1.00	S/.	2,000.00											
	PROGRAMA DE SEGUIMIENTO Y CONTROL	mes	1.00	1500.00	S/.	1,500.00	1.00	S/.	1,500.00											
	CIERRE DE EJECUCION DE OBRA Y ABANDONO	mes	1.00	1250.00	S/.	1,250.00	1.00	S/.	1,250.00											
	PROGRAMA DE PARTICIPACION CIUDADANA	glb	1.00	7850.00	S/.	7,850.00	1.00	S/.	7,850.00											
	CORDEL	m	491.67	0.30	S/.	147.50	491.67	S/.	147.50											
TOTALES - COSTO DIRECTO			S/.			827,566.77	S/.	84,508.86	S/.	262,355.19	S/.	166,637.70	S/.	260,697.85	S/.	25,976.34	S/.	18,051.91	S/.	9,338.93
AVANCE MENSUAL						100.00%		10.21%		31.70%		20.14%		31.50%		3.14%		2.18%		1.13%
AVANCE MENSUAL ACUMULADO						100.00%		10.21%		41.91%		62.05%		93.55%		96.69%		98.87%		100.00%