

TABLA DE DESCRIPCIÓN DE RUBROS, UNIDADES, CANTIDADES Y PRECIOS

No.	Código del Rubro	DESCRIPCIÓN DEL RUBRO	UNIDAD	CANTIDAD	PRECIO UNITARIO	PRECIO TOTAL	PRECIO UNITARIO	PRECIO TOTAL	PRECIO UNITARIO	PRECIO TOTAL	PRECIO UNITARIO	PRECIO TOTAL	PRECIO UNITARIO	PRECIO TOTAL	PRECIO UNITARIO	PRECIO TOTAL	PRECIO UNITARIO	PRECIO TOTAL	PRECIO UNITARIO	PRECIO TOTAL	PRECIO UNITARIO	PRECIO TOTAL	PRECIO UNITARIO	PRECIO TOTAL	P TOTAL METRO	P.LI METRO	O DEBERECHI HERRIDZA ACCIONA CRESPO	ANSALDO- HERRIDZA CRESPO	
1	03.004	ERIECCION TUNEL DE 8.43 M	M	1.613.380	8.343.28	13.439.692.88	18.295.92	29.461.881.66	12.786.06	20.5.966.817.74	1.0.273.24	1.729.624.38	1.6.233.28	2.659.643.978.88	1.3.669.28	2.20.259.823.48	0.00	0.00	1.3.669.28	2.20.259.823.48	0.00	0.00	1.3.669.28	2.20.259.823.48	2.00	98.556.19.58	1.34.439.692.88	1.38.289	2.6.639
2	04.039	ACERO #42 EN PANTALLAS	KG	478.624.212.51	1.48	713.14.815.91	1.70	81.219.493.68	1.88	88.454.288.72	1.53	7.433.272.38	1.73	8.280.726.88	1.33	1.088.278.62	2.00	2.00	1.53	1.088.278.62	2.00	2.00	1.53	1.088.278.62	1.34.439.692.88	1.34.439.692.88	1.38.289	2.6.639	
3	04.038	ACERO #42 EN ARMADURAS	KG	530.932.024.158	1.31	69.322.442.41	1.71	90.245.487.70	1.91	101.408.814.52	1.66	8.512.699.78	1.78	9.181.962.87	1.33	1.088.278.62	2.00	2.00	1.33	1.088.278.62	2.00	2.00	1.33	1.088.278.62	1.34.439.692.88	1.34.439.692.88	1.38.289	2.6.639	
4	03.003	REVESTIMIENTO TUNEL BOVEDAS	M	1.613.380	3.664.34	5.910.894.68	6.217.73	10.01.894.68	5.964.34	9.664.673.34	5.964.34	9.664.673.34	6.217.73	10.01.894.68	6.217.73	10.01.894.68	0.00	0.00	6.217.73	10.01.894.68	0.00	0.00	6.217.73	10.01.894.68	1.34.439.692.88	1.34.439.692.88	1.38.289	2.6.639	
5	04.044	PANTALLA DE 1.0 M DE ANCHO EXC. C/CHARRA Y/A ARMADO C= 30 M/A	M2	14.172.288	189.44	2.721.5.448.67	4.38.34	63.197.380.00	5.780.01	83.34.753.93	4.68.24	6.939.325.94	5.22.72	7.5.453.302.68	5.43.08	7.3.21.27	0.00	0.00	5.43.08	7.3.21.27	0.00	0.00	5.43.08	7.3.21.27	1.34.439.692.88	1.34.439.692.88	1.38.289	2.6.639	
6	02.022.A	MOMA TRANSFERE YERBA C/CA Y VERDEBENO DE EXCENTRES DE 30 M/A	M3 KM	68.332.424.242	0.34	24.666.897.45	0.62	4.270.333.22	0.74	5.194.784.94	0.64	4.3610.214.98	0.84	5.7.161.380.04	0.55	3.729.131.93	0.00	0.00	0.55	3.729.131.93	0.00	0.00	0.55	3.729.131.93	1.34.439.692.88	1.34.439.692.88	1.38.289	2.6.639	
7	04.031	HORMIGON PARA ARMAR C= 30 M/A EN LOSAS Y C/CA	M3	216.466.982.52	115.38	23.824.222.42	1.46.97	30.324.881.66	1.64.15	34.304.881.66	1.39.48	28.798.619.01	2.26.88	4.664.329.66	2.11.28	4.3.64.501.97	1.39.58	2.088.072.64	2.11.28	4.3.64.501.97	1.39.58	2.088.072.64	2.11.28	4.3.64.501.97	1.34.439.692.88	1.34.439.692.88	1.38.289	2.6.639	
8	11.016	HORMIGON DE C/CA PARA MANTENIMIENTO DE TUNEL CON C/CA	M	90.826.689.00	243.82	22.145.402.37	336.88	30.527.986.44	860.29	73.502.346.52	6.79.40	1.1.707.666.98	6.34.19	5.7.61.480.00	5.94.58	5.4.438.870.58	0.00	0.00	5.94.58	5.4.438.870.58	0.00	0.00	5.94.58	5.4.438.870.58	1.34.439.692.88	1.34.439.692.88	1.38.289	2.6.639	
9	03.102	TUNEL CONVENCIONAL CON METODO SECCIONAL SOSTENIMIENTO MEDIO	M	1.285.000	79.08	1.1.110.10	20.11.19	35.886.470.31	12.605	23.273.346.52	11.73.19	22.103.441.08	18.114	3.14.681.033.78	1.48.72	1.9.340.639.53	0.00	0.00	1.48.72	1.9.340.639.53	0.00	0.00	1.48.72	1.9.340.639.53	1.34.439.692.88	1.34.439.692.88	1.38.289	2.6.639	
10	06.006	HORMIGON EN MASA C= 15 M/A T/MAKNO MEDIO ARMADO V/AS	M3	189.664.954.40	79.08	1.4.907.493.64	4.88.97	28.752.865.29	1.40.53	12.662.348.62	1.58.34	1.4.267.653.63	3.90.38	6.364.483.29	1.32.99	1.1.97.666.06	0.00	0.00	1.32.99	1.1.97.666.06	0.00	0.00	1.32.99	1.1.97.666.06	1.34.439.692.88	1.34.439.692.88	1.38.289	2.6.639	
11	04.048	PANTALLA DE 1.20 M DE ANCHO EXC. C/CHARRA Y/A ARMADO C= 30 M/A	M2	62.648.779.2	222.18	13.919.302.76	4.88.97	28.752.865.29	1.40.53	12.662.348.62	1.58.34	1.4.267.653.63	3.90.38	6.364.483.29	1.32.99	1.1.97.666.06	0.00	0.00	1.32.99	1.1.97.666.06	0.00	0.00	1.32.99	1.1.97.666.06	1.34.439.692.88	1.34.439.692.88	1.38.289	2.6.639	
12	06.039	PLACA ADHERIZADA FALTA DE C/CA Y T/MAKNO D/SMILAR	UD	90.107.709.9	130.66	11.773.472.24	1.40.53	12.662.348.62	1.58.34	1.4.267.653.63	3.90.38	6.364.483.29	1.32.99	1.1.97.666.06	0.00	0.00	0.00	0.00	1.32.99	1.1.97.666.06	0.00	0.00	1.32.99	1.1.97.666.06	1.34.439.692.88	1.34.439.692.88	1.38.289	2.6.639	
13	04.013	PILA PILOTE PERFORADA HORMIGONADO Y CENTADO DE PILAR	M3	24.646.379.7	422.30	10.408.162.33	4.88.97	28.752.865.29	1.40.53	12.662.348.62	1.58.34	1.4.267.653.63	3.90.38	6.364.483.29	1.32.99	1.1.97.666.06	0.00	0.00	1.32.99	1.1.97.666.06	0.00	0.00	1.32.99	1.1.97.666.06	1.34.439.692.88	1.34.439.692.88	1.38.289	2.6.639	
14	06.010	S/M Y/OLOO. C/CHARRA Y/A ARMADO C= 30 M/A	M	116.527.220.0	86.33	9.190.653.15	1.11.13	11.841.637.06	2.27.12	4.2.501.140.21	1.90.67	2.031.617.70	2.27.24	2.7.69.430.07	2.27.24	2.7.69.430.07	0.00	0.00	2.27.24	2.7.69.430.07	0.00	0.00	2.27.24	2.7.69.430.07	1.34.439.692.88	1.34.439.692.88	1.38.289	2.6.639	
15	04.003	PANTALLA DE 0.90 M DE ANCHO EXC. C/CHARRA Y/A ARMADO C= 30 M/A	M2	59.620.837.7	152.71	9.104.700.57	3.88.83	21.593.944.53	4.68.89	27.773.487.28	3.91.06	2.3315.586.52	4.88.88	2.754.447.68	4.88.88	2.754.447.68	0.00	0.00	4.88.88	2.754.447.68	0.00	0.00	4.88.88	2.754.447.68	1.34.439.692.88	1.34.439.692.88	1.38.289	2.6.639	
16	04.051	ENCOPRADO DE LOSAS SOBRE EL TERRENO PARA UNA SOLA PUESTA	M2	103.163.200.4	83.48	8.779.024.64	12.20	3.868.238.98	41.88	4.384.251.14	33.00	3.680.581.37	5.331	5.866.520.64	6.1.68	6.487.851.04	0.00	0.00	6.1.68	6.487.851.04	0.00	0.00	6.1.68	6.487.851.04	1.34.439.692.88	1.34.439.692.88	1.38.289	2.6.639	
17	02.004	EXCAVACION VACIADO EN EL PANTALLAS	M3	1.200.292.089.8	6.83	8.221.422.82	4.49	5.393.274.68	14.88	1.789.794.22	12.50	1.0.927.208.02	9.10	1.0.927.208.02	7.10	8.288.899.64	3.57	4.288.827.72	7.10	8.288.899.64	3.57	4.288.827.72	7.10	8.288.899.64	1.34.439.692.88	1.34.439.692.88	1.38.289	2.6.639	
18	04.036	ACERO #46.45 (GRADO 36) COLCADO	KG	3.687.024.34.65	2.13	7.927.123.84	3.33	1.2.955.533.26	1.88.72	11.246.272.83	1.58.47	9.441.528.01	1.22.64	7.2.406.788.54	2.54.11	1.5139.684.82	0.00	0.00	2.54.11	1.5139.684.82	0.00	0.00	2.54.11	1.5139.684.82	1.34.439.692.88	1.34.439.692.88	1.38.289	2.6.639	
19	11.036	ERIECCION DE MICROPILOTE DE 130 MM	M	59.529.000.0	1.81.32	7.037.407.48	1.86.54	11.113.241.87	1.88.72	11.246.272.83	1.58.47	9.441.528.01	1.22.64	7.2.406.788.54	2.54.11	1.5139.684.82	0.00	0.00	2.54.11	1.5139.684.82	0.00	0.00	2.54.11	1.5139.684.82	1.34.439.692.88	1.34.439.692.88	1.38.289	2.6.639	
20	11.009	ERIECCION DE MICROPILOTE DE 230 MM	M	69.946.000.0	113.64	6.935.092.44	1.91.08	11.689.298.98	2.23.97	13.627.327.62	1.85.35	11.305.742.98	1.85.35	11.305.742.98	1.85.35	11.305.742.98	0.00	0.00	1.85.35	11.305.742.98	0.00	0.00	1.85.35	11.305.742.98	1.34.439.692.88	1.34.439.692.88	1.38.289	2.6.639	
21	07.011.1	PAQUETE DE FOLIO PREARMADO DE HORMIGON CON V/AS EN REVESTIMIENTO DE P/ASOS Y REFORZAMIENTO V/AS EN REVESTIMIENTO DE P/ASOS TIPO P/L	M2	112.662.100.4	60.88	6.839.868.67	79.34	8.940.849.56	74.01	8.398.122.05	6.21.13	6.999.833.44	4.4.75	5.039.373.75	4.31.10	4.956.131.70	0.00	0.00	4.31.10	4.956.131.70	0.00	0.00	4.31.10	4.956.131.70	1.34.439.692.88	1.34.439.692.88	1.38.289	2.6.639	
22	07.087	V/AS EN REVESTIMIENTO DE P/ASOS Y REFORZAMIENTO V/AS EN REVESTIMIENTO DE P/ASOS TIPO P/L	M2	51.272.131.5	115.57	5.925.520.24	89.71	4.599.444.57	130.62	7.158.615.00	117.23	6.009.657.28	1.27.66	6.545.400.31	1.02.67	7.797.697.63	1.02.67	7.797.697.63	1.02.67	7.797.697.63	1.02.67	7.797.697.63	1.02.67	7.797.697.63	1.34.439.692.88	1.34.439.692.88	1.38.289	2.6.639	
23	02.023.A	CANON DE DEGRISO DE EXCENTRES DE EXCAVACION Y DEMOLICIONES	M3	3.150.642.420.8	1.44	5.134.233.57	1.21	3.790.571.74	6.61	20.695.446.44	5.55	1.732.232.28	0.00	0.00	0.53	1.448.029.65	1.88	5.651.156.34	0.53	1.448.029.65	1.88	5.651.156.34	0.53	1.448.029.65	1.34.439.692.88	1.34.439.692.88	1.38.289	2.6.639	
24	06.034	S/M Y/OLOO. C/CHARRA Y/A ARMADO C= 30 M/A	UD	14.820.222.0	3.61.82	5.080.124.12	3.75.72	5.293.954.62	3.18.36	4.482.763.08	2.67.26	3.765.298.18	2.79.61	3.939.766.97	0.00	0.00	0.00	0.00	2.79.61	3.939.766.97	0.00	0.00	2.79.61	3.939.766.97	1.34.439.692.88	1.34.439.692.88	1.38.289	2.6.639	
25	06.038	HORMIGON EN MASA C= 25 M/A T/MAKNO C/CA DE V/IA/T/RO EXC.	M3	48.774.003.9	102.42	4.995.433.48	1.60.42	7.241.641.21	2.86.62	11.246.272.83	1.58.47	9.441.528.01	1.22.64	7.2.406.788.54	2.54.11	1.5139.684.82	0.00	0.00	2.54.11	1.5139.684.82	0.00	0.00	2.54.11	1.5139.684.82	1.34.439.692.88	1.34.439.692.88	1.38.289	2.6.639	
26	04.037	ACERO #37.07 (GRADO 43) COLCADO	KG	2.417.809.879.2	2.02	4.883.972.52	3.44	8.107.661.13	5.32	1.286.674.54	4.47	1.0.798.277.48	4.49	1.0.798.277.48	4.49	1.0.798.277.48	0.00	0.00	4.49	1.0.798.277.48	0.00	0.00	4.49	1.0.798.277.48	1.34.439.692.88	1.34.439.692.88	1.38.289	2.6.639	
27	PM001	PLAN DE MANTENIMIENTO AMBIENTAL	PA	1.000.00	4.444.201.32	4.444.201.32	3.191.678.27	3.191.678.27	1.112.74	2.433.204.76	2.35.53	6.542.434.34	1.60.14	4.163.981.03	1.34.43	1.34.43	0.00	0.00	1.34.43	1.34.43	0.00	0.00	1.34.43	1.34.43	1.34.439.692.88	1.34.439.692.88	1.38.289	2.6.639	
28	04.102	PLAN DE MANTENIMIENTO AMBIENTAL	M3	23.529.338.2	1.66.78	4.218.427.94	2.51.53	6.542.434.34	1.60.14	4.163.981.03	1.34.43	1.34.43																	