PRESUPUESTO ACTUALIZADO SEGÚN ORDEN DE TRABAJO NO.1





CARRETERA: KM F09 PROYECTO:

EJECUCION DE LA DOBLE VIA YACUIBA - CAMPO PAJOSO, FASE I

				SEGÚN (CONTRATO	SEGÚN CONTRATO MODIFICATORIO Nº1		SEGÚN CONTRATO MODIFICATORIO N°2		ORDEN DE TRABAJO N° 1		1		
ITEM	DESCRIPCION										INCREMENTO/DECREMENTO		% MODIFICACION ORDEN DE TRABAJO No. 1	
		UNIDAD	P. UNIT. (Bs)	CANTIDAD	MONTO (Bs)	CANTIDAD	MONTO (Bs)	CANTIDAD	MONTO (Bs)	CANTIDAD	MONTO (Bs)	Cantidad	Monto (Bs.)	TRABAJO No. 1
1	MOVIMIENTO DE TIERRAS													
1	DESBROCE, DESTRONQUE Y LIMPIEZA	HAS	9,327.24	10.00	93,272.40	10.00	93,272.40	10.00	93,272.40	10.00	93,272.40	0.00	0.00	0.00
2	EXCAVACIÓN NO CLASIFICADA D<=300 M	M3	20.18	197,700.00	3,989,586.00	82,752.65	1,669,948.51	82,752.65	1,669,948.51	82,752.65	1,669,948.51	0.00	0.00	0.00
3	EXCAVACION EN FANGO D=<300 M	M3	35.43	300.00	10,629.00	300.00	10,629.00	300.00	10,629.00	300.00	10,629.00	0.00	0.00	0.00
5	TERRAPLEN CON MATERIAL DE PRESTAMO TERRAPLEN CON MATERIAL DE CORTE	M3 M3	31.53 26.66	169,310.00 28,390.00	5,338,344.30 756,877.40	169,310.00 28,390.00	5,338,344.30 756,877.40	169,310.00 28,390.00	5,338,344.30 756,877.40	169,310.00 53.50	5,338,344.30 1,426.31	-28,336.50	-755,451.09	0.00 -99.81
6	RELLENO EN AREAS DE DEPOSITO	M3	11.14	500.00	5,570.00	500.00	5,570.00	500.00	5,570.00	500.00	5,570.00	-28,336.30 0.00	0.00	0.00
7	SOBREACARREO PARA D>300 M	M3K	2.72	1,185,150.00	3,223,608.00	1,185,150.00	3,223,608.00	1,185,150.00	3,223,608.00	368,038.40	1,001,064.45	-817,111.60	-2,222,543.55	-68.95
8	TRANSPORTE DE MATERIAL DE ACOPIOS	M3K	2.78	62,230.00	172,999.40	644,113.75	1,790,636.23	644,113.75	1,790,636.23	3,908,171.18	10.864.715.88	3,264,057.43	9,074,079.65	506.75
1.1	ITEMS NUEVOS - MOVIMIENTO DE TIERRAS				,		1,100,000	,	1,121,221	2,000,000	15,550,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1	- , - ,	2,01.1,01.010	
138	PEDRAPLÉN PARA ESTABILIZACIÓN DE PLATAFORMA	M3	30.35		0.00	23,130.17	702,000.66	23,130.17	702,000.66	23,130.17	702,000.66	0.00	0.00	0.00
2	PAVIMENTACION													
9	SUB-BASE DE MATERIAL GRANULAR	M3	99.18	16,469.00	1,633,395.42	16,469.00	1,633,395.42	16,469.00	1,633,395.42	16,469.00	1,633,395.42	0.00	0.00	0.00
10	BASE DE MATERIAL GRANULAR	M3	150.55	12,475.00	1,878,111.25	12,475.00	1,878,111.25	12,475.00	1,878,111.25	12,475.00	1,878,111.25	0.00	0.00	0.00
11	IMPRIMACION - EJECUCION - PAVIMENTO NUJEVO/EXISTENTE	M2	1.46	60,978.00	89,027.88	60,978.00	89,027.88	60,978.00	89,027.88	60,978.00	89,027.88	0.00	0.00	0.00
12	RIEGO DE LIGA - EJECUCION - PAVIMENTO NUEVO/EXISTENTE	M2	1.46	14,735.00	21,513.10	14,735.00	21,513.10	14,735.00	21,513.10	14,735.00	21,513.10	0.00	0.00	0.00
13	CARPETA ASFALTICA ASFALTO MODIFICADO C/POLIMEROS	M3	667.53 12.32	6,394.00	4,268,186.82	6,394.00	4,268,186.82	6,394.00	4,268,186.82	6,394.00	4,268,186.82 862,153.60	0.00	0.00	0.00
14 15	SUMINISTRO DE ASF. DILUIDO/EMULSION P/IMPRIMACION SUMINISTRO DE ASF. DILUIDO/EMULSION P/RIEGO DE LIGA	L	12.32	69,980.00 8,750.00	862,153.60 112,087.50	69,980.00 8,750.00	862,153.60 112,087.50	69,980.00 8,750.00	862,153.60 112,087.50	69,980.00 8,750.00	112,087.50	0.00	0.00	0.00
16	SUMINISTRO DE CEMENTO ASFALTICO MOD. CON POLIMEROS	TON	9,485.02	904.00	8,574,458.08	904.00	8,574,458.08	904.00	8,574,458.08	904.00	8,574,458.08	0.00	0.00	0.00
17	TRANSPORTE DE MATERIAL GRANULAR	M3K	3.82	1,009,110.00	3,854,800.20	1,009,110.00	3,854,800.20	1,009,110.00	3,854,800.20	1,009,110.00	3,854,800.20	0.00	0.00	0.00
18	TRANSPORTE DE CONCRETO ASFALTICO	M3K	3.90	40,330.00	157,287.00	40,330.00	157,287.00	40,330.00	157,287.00	40,330.00	157,287.00	0.00	0.00	0.00
19	CAMBIO DE MATERIAL	M3	21.58	1,090.00	23,522.20	1,090.00	23,522.20	1,090.00	23,522.20	1,090.00	23,522.20	0.00	0.00	0.00
20	PAVIMENTO RIGIDO	M3	2,502.68	100.00	250,268.00	100.00	250,268.00	100.00	250,268.00	100.00	250,268.00	0.00	0.00	0.00
21	TRATAMIENTO SUPERFICIAL DOBLE TSD C/MATERIAL BITUMINOSO (BERMAS)	M2	9.33	31,112.00	290,274.96	31,112.00	290,274.96	31,112.00	290,274.96	31,112.00	290,274.96	0.00	0.00	0.00
22	SUMINISTRO DE ASF. DILUIDO P/TRAT. SUPERFICIAL	L	13.65	31,112.00	424,678.80	31,112.00	424,678.80	31,112.00	424,678.80	31,112.00	424,678.80	0.00	0.00	0.00
23	SOBRE CARPETA ASFALTICA ASFALTO MODIFICADO C/POLIMEROS	M3	667.53	629.00	419,876.37	629.00	419,876.37	629.00	419,876.37	629.00	419,876.37	0.00	0.00	0.00
24	BACHEO PROFUNDO (INCLUIYE CAPA GRANULAR)	M2	438.55	407.00	178,489.85	407.00	178,489.85	407.00	178,489.85	407.00	178,489.85	0.00	0.00	0.00
25	REFUERZO CON GEOMALLA PAVIMENTO NUEVO/EXISTENTE	M2	25.20	3,810.00	96,012.00	3,810.00	96,012.00	3,810.00	96,012.00	3,810.00	96,012.00	0.00	0.00	0.00
3.1	OBRA DE DRENAJE DEMOLICION Y RETIRO DE OBRAS EXISTENTES													
26	DEMOLICION DE CABEZALES	M3	168.78	100.00	16,878.00	100.00	16,878.00	100.00	16,878.00	100.00	16,878.00	0.00	0.00	0.00
3.2	DRENAJE TRANSVERSAL	IVIO	100.70	100.00	10,070.00	100.00	10,070.00	100.00	10,070.00	100.00	10,070.00	0.00	0.00	0.00
27	EXCAVACION NO CLASIF. PARA OBRAS DE DRENAJE MENOR	M3	35.43	950.00	33,658.50	950.00	33,658.50	950.00	33,658.50	950.00	33,658.50	0.00	0.00	0.00
28	RELLENO PARA CIMENTACIONES DE OBRAS DE DRENAJE MENOR	M3	74.12	400.00	29,648.00	400.00	29,648.00	400.00	29,648.00	400.00	29,648.00	0.00	0.00	0.00
29	RELLENO FLUIDO PARA OBRAS DE DRENAJE MENOR	M3	274.03	300.00	82,209.00	300.00	82,209.00	300.00	82,209.00	300.00	82,209.00	0.00	0.00	0.00
30	ALCANTARILLA SIMPLE DE TUBO DE HORMIGON ARMADO D=1.00 M	ML	2,295.41	50.00	114,770.50	50.00	114,770.50	50.00	114,770.50	50.00	114,770.50	0.00	0.00	0.00
31	ALCANTARILLA SIMPLE DE TUBO DE HORMIGON ARMADO D=1.50 M	ML	2,499.20	200.00	499,840.00	200.00	499,840.00	200.00	499,840.00	12.00	29,990.40	-188.00	-469,849.60	-94.00
32	GAVIONES TIPO COLCHON E=0.23 M	M3	963.06	600.00	577,836.00	600.00	577,836.00	600.00	577,836.00	600.00	577,836.00	0.00	0.00	0.00
33	GAVION TIPO CAJON	M3	778.41	600.00	467,046.00	600.00	467,046.00	600.00	467,046.00	600.00	467,046.00	0.00	0.00	0.00
34	HORMIGON SIMPLE TIPO "A" PARA OBRAS DE DRENAJE MENOR HORMIGON SIMPLE TIPO "E" PARA OBRAS DE DRENAJE MENOR	M3 M3	2,160.59 1,425.13	550.00 50.00	1,188,324.50 71,256.50	550.00 50.00	1,188,324.50 71,256.50	550.00 50.00	1,188,324.50 71,256.50	550.00 50.00	1,188,324.50 71,256.50	0.00	0.00	0.00
35 36	ARMADURA DE REFUERZO PARA OBRAS DE DRENAJE MENOR	KG	1,425.13	60,850.00	1,071,568.50	60,850.00	1,071,568.50	60,850.00	1,071,568.50	60,850.00	1,071,568.50	0.00	0.00	0.00
37	CAJON INTERMEDIO DE EMPALME ALCANTARILLA (HORMIGON ARMADO)	ML	3,542.43	50.00	177,121.50	50.00	177,121.50	50.00	177,121.50	50.00	177,121.50	0.00	0.00	
38	RELLENO PARA ZANJAS PARA OBRAS DE DRENAJE MENOR	M3	104.40	100.00	10.440.00	100.00	10.440.00	100.00	10.440.00	100.00	10.440.00	0.00	0.00	0.00
39	RECONFORMACION DE CANALES (ENCAUCES)	M3	39.67	1,200.00	47,604.00	1,200.00	47,604.00	1,200.00	47,604.00	1,200.00	47,604.00	0.00	0.00	0.00
3.3	DRENAJE LONGITUDINAL			,	,		, ,	,	,	·	, , ,			
40	CUNETA EN CORTE INC. EXCAVACIÓN Y REVESTIMIENTO TIPO 2	ML	435.56	400.00	174,224.00	400.00	174,224.00	400.00	174,224.00	400.00	174,224.00	0.00	0.00	0.00
41	CUNETA EN CORTE INC. EXCAVACIÓN Y REVESTIMIENTO TIPO 3	ML	493.12	550.00	271,216.00	550.00	271,216.00	550.00	271,216.00	550.00	271,216.00	0.00	0.00	0.00
42	CUNETA EN CORTE INC. EXCAVACIÓN Y REVESTIMIENTO TIPO 4	ML	471.33	11,150.00	5,255,329.50	11,150.00	5,255,329.50	11,150.00	5,255,329.50	1,475.27	695,338.99	-9,674.73	-4,559,990.51	-86.77
	BORDILLO DE RETENCIÓN DE TERRAPLÉN (H° TIPO B)	ML	128.62	850.00	109,327.00	850.00	109,327.00	850.00	109,327.00	850.00	109,327.00	0.00	0.00	
44	BAJANTE BORDILLO TIPO RÁPIDA DRENAJE TRANSVERSAL	ML	313.27	100.00	31,327.00	100.00	31,327.00	100.00	31,327.00	100.00	31,327.00	0.00	0.00	0.00
	DRENAJE PASATUBOS	ML	2,267.71	1,000.00	2,267,710.00	1,000.00	2,267,710.00	1,000.00	2,267,710.00	1,000.00	2,267,710.00	0.00	0.00	0.00
40	DITEITAGE I AONTODOS	IVIL	2,201.11	1,000.00	۷,201,1 10.00	1,000.00	2,201,110.00	1,000.00	2,201,110.00	1,000.00	2,201,110.00	0.00	0.00	0.00

3.5	DRENAJE URBANO													
46	EXCAVACIÓN CLASIF, PARA OBRAS DE ARTE MENOR	M3	35.43	3,450.00	122,233.50	3,450.00	122,233.50	3,450.00	122,233.50	3,450.00	122,233.50	0.00	0.00	0.00
47	RELLENO PARA CIMENTACIONES PARA OBRAS DE DRENAJE MENOR	M3	74.13	2,750.00	203,857.50	2,750.00	203,857.50	2,750.00	203,857.50	2,750.00	203,857.50	0.00	0.00	0.00
48	RELLENO FLUIDO PARA OBRAS DE DRENAJE MENOR	M3	259.75	1,300.00	337,675.00	1,300.00	337,675.00	1,300.00	337,675.00	1,300.00	337,675.00	0.00	0.00	0.00
49	SUMIDERO DE CALZADA	PZA	694.75	50.00	34,737.50	50.00	34,737.50	50.00	34,737.50	50.00	34,737.50	0.00	0.00	0.00
50	ALCANTARILLA SIMPLE DE TUBO DE HORMIGON ARMADO D=1.00 M	ML	2,295.41	500.00	1,147,705.00	500.00	1,147,705.00	500.00	1,147,705.00	500.00	1,147,705.00	0.00	0.00	0.00
51	CANAL TRAPECIAL BASE 0.60 M. PENDIENTE 2:1	ML	352.80	450.00	158,760.00	450.00	158,760.00	450.00	158,760.00	450.00	158,760.00	0.00	0.00	0.00
52	CAMARA DE INSPECCION 2X1.8	PZA	4,280.89	50.00	214,044.50	50.00	214,044.50	50.00	214,044.50	50.00	214,044.50	0.00	0.00	0.00
4	VIADUCTOS													
4.1	INFRAESTRUCTURA													
53	DEMOLICION Y REMOCION DE OBRAS DE ARTE MAYOR	M3	217.99	770.00	167,852.30	770.00	167,852.30	770.00	167,852.30	770.00	167,852.30	0.00	0.00	0.00
54	EXCAVACION NO CLASIF. PARA ESTRUCTURAS SIN AGOTAMIENTO	M3	35.43	1,260.00	44,641.80	1,260.00	44,641.80	1,260.00	44,641.80	1,260.00	44,641.80	0.00	0.00	0.00
55	EXCAVACION NO CLASIF. PARA ESTRUC. CON AGOTAMIENTO	M3	209.91	110.00	23,090.10	110.00	23,090.10	110.00	23,090.10	110.00	23,090.10	0.00	0.00	0.00
56	HORMIGON SIMPLE TIPO "A" FC 28 MPA	M3	2,260.12	1,490.00	3,367,578.80	1,490.00	3,367,578.80	1,490.00	3,367,578.80	1,490.00	3,367,578.80	0.00	0.00	0.00
57	HORMIGON TIPO "E"FC 11 MPA	M3	1,425.13	10.00	14,251.30	10.00	14,251.30	10.00	14,251.30	10.00	14,251.30	0.00	0.00	0.00
58	ACERO ESTRUCTURAL FY 420 MPA	KG	17.61	134,740.00	2,372,771.40	134,740.00	2,372,771.40	134,740.00		134,740.00	2,372,771.40	0.00	0.00	0.00
59	NEOPRENO COMPUESTO	DM3	421.29	240.00	101,109.60	240.00	101,109.60	240.00	101,109.60	240.00	101,109.60	0.00	0.00	0.00
60	NEOPRENO SIMPLE	DM3	236.78	90.00	21,310.20	90.00	21,310.20	90.00	21,310.20	90.00	21,310.20	0.00	0.00	0.00
61	RELLENO SELECCIONADO PARA ESTRUCTURAS	M3	176.02	1,600.00	281,632.00	1,600.00	281,632.00	1,600.00	281,632.00	1,600.00	281,632.00	0.00	0.00	0.00
62	PILOTES IN SITO DE HºAº DN=1.20 M	ML	7,363.19	1,480.00	10,897,521.20	1,480.00	10,897,521.20	1,480.00	10,897,521.20	1,480.00	10,897,521.20	0.00	0.00	0.00
	SUPERESTRUCTURA	140	0.000.40	4.450.00	0.500.400.00	4.450.00	0.700.400.00	4.450.00	0.500.400.00	4.450.00	0.500.400.00	0.00	2.22	0.00
63	HORMIGON CLASE "A" FC 28 MPA	M3	2,260.12	1,150.00	2,599,138.00	1,150.00	2,599,138.00	1,150.00	2,599,138.00	1,150.00	2,599,138.00	0.00	0.00	0.00
64	ACERO ESTRUCTURAL FY 420 MPA	KG	17.61	111,620.00	1,965,628.20	111,620.00	1,965,628.20	111,620.00	1,965,628.20	111,620.00	1,965,628.20	0.00	0.00	0.00
65	VIGA POSTENSADA TIPO ; L=30.60M	PZA	145,207.39	40.00	5,808,295.60	40.00	5,808,295.60	40.00	5,808,295.60	40.00	5,808,295.60	0.00	0.00	0.00
66	DRENAJE TUBOS PVC D=4"	ML	133.84	70.00	9,368.80	70.00	9,368.80	70.00	9,368.80	70.00	9,368.80	0.00	0.00	0.00
67	BARANDADO	ML	1,331.17	270.00	359,415.90	270.00	359,415.90	270.00		270.00	359,415.90	0.00	0.00	0.00
68	JUNTA DE DILATACION	ML	1,033.28	280.00	289,318.40	280.00	289,318.40	280.00	289,318.40	280.00	289,318.40	0.00	0.00	0.00
69	LANZAMIENTO PARA VIGA DE 30 M POR TRAMO	TRM	236,951.95	6.00	1,421,711.70	6.00	1,421,711.70	6.00		6.00	1,421,711.70	0.00	0.00	0.00
70	VIGA POSTENSADA TIPO ; L=20.60M	PZA	100,136.93	24.00	2,403,286.32	24.00	2,403,286.32	24.00		24.00	2,403,286.32	0.00	0.00	0.00
71	LANZAMIENTO PARA VIGA DE 20 M POR TRAMO	TRM	159,120.08	4.00	636,480.32	4.00	636,480.32	4.00	636,480.32	4.00	636,480.32	0.00	0.00	0.00
4.3	ACCESOS	MO	25.42	4.040.00	475 004 00	4.040.00	475 004 00	4.040.00	475.004.00	4.040.00	175 004 00	0.00	0.00	0.00
72	EXCAVACION COMUN	M3	35.43	4,940.00	175,024.20	4,940.00	175,024.20	4,940.00	175,024.20	4,940.00	175,024.20	0.00	0.00	0.00
73 74	HORMIGON TIPO A FC=21 MPA ACERO ESTRUCTURAL FY 420 MPA	M3 KG	1,813.64 17.61	1,940.00 171,080.00	3,518,461.60 3,012,718.80	1,940.00 171.080.00	3,518,461.60 3,012,718.80	1,940.00 171,080.00	3,518,461.60 3,012,718.80	1,940.00 171,080.00	3,518,461.60 3,012,718.80	0.00	0.00	0.00
75	MANTO GEOTEXTIL	M2	34.59	22.750.00	786.922.50	22.750.00	786.922.50	22,750.00	786.922.50	22,750.00	786.922.50	0.00	0.00	0.00
76	RELLENO PARA ESTRUCTURAS DE TIERRA ARMADA	M3	17.33	52,000.00	901,160.00	52,000.00	901,160.00	52,000.00	901,160.00	52,000.00	901,160.00	0.00	0.00	0.00
77	DRENAJE TUBOS PVC D=4"	ML	133.84	1,840.00	246,265.60	1,840.00	246,265.60	1,840.00	246,265.60	1,840.00	246,265.60	0.00	0.00	0.00
78	GEOMALLA ESTRUCTURAL UNIAXIAL 1400 MSE	M2	52.90	86,650.00	4,583,785.00	86,650.00	4.583.785.00	86,650.00	4.583.785.00	86,650.00	4.583.785.00	0.00	0.00	0.00
79	GEOMALLA ESTRUCTURAL UNIAXIAL 1400 MGE	M2	71.97	57,770.00	4,157,706.90	57,770.00	4,157,706.90	57,770.00	4,157,706.90	57,770.00	4,157,706.90	0.00	0.00	0.00
80	CAPA DRENANTE PARA MUROS DE CONTENCIÓN	M3	243.04	3,020.00	733,980.80	3,020.00	733.980.80	3,020.00	733.980.80	3,020.00	733.980.80	0.00	0.00	0.00
5	OBRAS COMPLEMENTARIAS	IVIO	243.04	3,020.00	730,300.00	0,020.00	700,000.00	3,020.00	7 33,300.00	3,020.00	700,000.00	0.00	0.00	0.00
81	EXCAVACION COMUN	M3	35.43	163.33	5,786.78	163.33	5.786.78	163.33	5.786.78	163.33	5.786.78	0.00	0.00	0.00
82	RELLENO PARA ESTRUCTURAS DE TIERRA ARMADA	M3	74.12	130.00	9,635.60	130.00	9,635.60	130.00	9,635.60	130.00	9,635.60	0.00	0.00	0.00
83	HORMIGON CICLOPEO	M3	1,768.05	73.33	129,651.11	73.33	129,651.11	73.33	129,651.11	73.33	129,651.11	0.00	0.00	0.00
84	GAVIONES TIPO COLCHON E=0.23 M	M3	963.06	56.67	54,576.61	56.67	54.576.61	56.67	54.576.61	56.67	54,576.61	0.00	0.00	0.00
	GAVION TIPO CAJON	M3	778.41	1,156.67	900,363.49	1,156.67	900,363.49	1,156.67	900,363.49	1,156.67	900,363.49	0.00	0.00	0.00
86	MANTO GEOTEXTIL	M2	34.59	1.376.67	47,619.02	1,376.67	47,619.02	1,376.67	47,619.02	1,376.67	47,619.02	0.00	0.00	0.00
87	CORDON CUNETA	ML	198.85	166.67	33,142.33	166.67	33,142.33	166.67	33,142.33	166.67	33,142.33	0.00	0.00	0.00
6	SEÑALIZACION Y SEGURIDAD VIAL				,		-,				,			
88	DEFENSAS LATERALES METALICAS, INCLUYE TERMINALES	ML	736.23	3,528.00	2,597,419.44	3,528.00	2,597,419.44	3,528.00	2,597,419.44	3,528.00	2,597,419.44	0.00	0.00	0.00
89	BANDAS TRANSVERSALES VIBRATORIAS	ML	81.36	175.00	14,238.00	175.00	14,238.00	175.00	14,238.00	175.00	14,238.00	0.00	0.00	0.00
90	PINTADO DE LA SUPERFICIE DE RODADURA 0.15 M DE ANCHO	ML	14.63	38,248.00	559,568.24	38,248.00	559,568.24	38,248.00	559,568.24	38,248.00	559,568.24	0.00	0.00	0.00
91	SEÑALIZACION HORIZONTAL CON SIMBOLOS Y LETRAS	M2	118.74	1,379.00	163,742.46	1,379.00	163,742.46	1,379.00	163,742.46	1,379.00	163,742.46	0.00	0.00	0.00
92	PINTADO DE CORDONES SEPARADORES (380MC)	M2	118.74	1,481.00	175,853.94	1,481.00	175,853.94	1,481.00	175,853.94	1,481.00	175,853.94	0.00	0.00	0.00
93	SENAL PREVENTIVA CUADRANGULAR (1.00 X 1.00 M)	UND	5,005.98	7.00	35,041.86	7.00	35,041.86	7.00	35,041.86	7.00	35,041.86	0.00	0.00	0.00
94	SENAL REGLAMENTARIA TRIANGULAR "CEDA" 1.00 M DE LADO	UND	4,721.87	14.00	66,106.18	14.00	66,106.18	14.00	66,106.18	14.00	66,106.18	0.00	0.00	0.00
95	SEÑAL REGLAMENTARIA (1.00X1.45 M)	UND	5,621.66	14.00	78,703.24	14.00	78,703.24	14.00	78,703.24	14.00	78,703.24	0.00	0.00	0.00
96	SEÑAL INFORMATIVA TIPO MAPA	M2	4,486.35	102.00	457,607.70	102.00	457,607.70	102.00	457,607.70	102.00	457,607.70	0.00	0.00	0.00
97	POSTE DE SEÑAL INFORMATIVA	UND	3,774.76	56.00	211,386.56	56.00	211,386.56	56.00	211,386.56	56.00	211,386.56	0.00	0.00	0.00
98	PORTICO	UND	32,582.54	4.00	130,330.16	4.00	130,330.16	4.00	130,330.16	4.00	130,330.16	0.00	0.00	0.00
99	BARRERA DE SEGURIDAD DE H° TIPO "F"	ML	1,339.52	3,465.00	4,641,436.80	3,465.00	4,641,436.80	3,465.00	4,641,436.80	3,465.00	4,641,436.80	0.00	0.00	0.00
100	HITO DE ARISTA (DC-2A Y DC-2B)	UND	479.41	60.00	28,764.60	60.00	28,764.60	60.00	28,764.60	60.00	28,764.60	0.00	0.00	0.00
	HITO DE VERTIDE (CD-3)	UND	1,953.06	4.00	7,812.24	4.00	7,812.24	4.00	7,812.24	4.00	7,812.24	0.00	0.00	0.00
	HITO DELINEADOR (DC-4)	UND	427.97	14.00	5,991.58	14.00	5,991.58	14.00	5,991.58	14.00	5,991.58	0.00	0.00	0.00
	SEÑAL TIPO BANDERA	UND	980.81	4.00	3,923.24	4.00	3,923.24	4.00	-1	4.00	3,923.24	0.00	0.00	0.00
	DELINEADORES VERTICAL DC-7A	UND	250.14	32.00	8,004.48	32.00	8,004.48	32.00	8,004.48	32.00	8,004.48	0.00	0.00	0.00
105	TACHAS REFLECTIVAS BIDIRECCIONALES	UND	81.78	2,905.00	237,570.90	2,905.00	237,570.90	2,905.00	237,570.90	2,905.00	237,570.90	0.00	0.00	0.00
106	REMOCION DE SEÑALIZACION VERTICAL	H-H	135.86	25.00	3,396.50	25.00	3,396.50	25.00	3,396.50	25.00	3,396.50	0.00	0.00	0.00

7	PASARELAS													
107	EXCAVACION NO CLASIF. PARA ESTRUCT SIN AGOTAMIENTO	M3	35.43	380.00	13.463.40	380.00	13.463.40	380.00	13.463.40	380.00	13.463.40	0.00	0.00	0.00
108	RELLENO SELECCIONADO PARA ESTRUCTURAS	M3	352.11	220.00	77,464.20	220.00	77,464.20	220.00	77,464.20	220.00	77,464.20	0.00	0.00	0.00
109	HORMIGON CLASE "A" FC 21 MPA	M3	2,225.11	190.00	422,770.90	190.00	422,770.90	190.00	422,770.90	190.00	422,770.90	0.00	0.00	0.00
110	ACERO ESTRUCTURAL FY 420 MPA	KG	17.61	11,370.00	200,225.70	11,370.00	200,225.70	11,370.00	200,225.70	11,370.00	200,225.70	0.00	0.00	0.00
111	HORMIGON POBRE TIPO E FC 11 MPA	M3	1,425.14	10.00	14,251.40	10.00	14,251.40	10.00	14,251.40	10.00	14,251.40	0.00	0.00	0.00
112	NEOPRENO SIMPLE	DM3	236.78	60.00	14,206.80	60.00	14,206.80	60.00	14,206.80	60.00	14,206.80	0.00	0.00	0.00
113	VIGA POSTENSADA DE PASARELA TIPO, L=30.60M	PZA	113,433.32	4.00	453,733.28	4.00	453,733.28	4.00	453,733.28	4.00	453,733.28	0.00	0.00	0.00
114	LANZAMIENTO PARAVIGA DE PASARELA POR TRAMO	TRM	228,885.52	4.00	915,542.08	4.00	915,542.08	4.00	915,542.08	4.00	915,542.08	0.00	0.00	0.00
115	BARANDADO METALICO PARA PASARELA	ML	1,191.55	580.00	691,099.00	580.00	691,099.00	580.00	691,099.00	580.00	691,099.00	0.00	0.00	0.00
8	MEDIDAS AMBIENTALES													
116	MONITOREO DE FACTORES AMBIENTALES (GASES)	UND	677.21	14.00	9,480.94	14.00	9,480.94	14.00	9,480.94	14.00	9,480.94	0.00	0.00	0.00
117	MONITOREO DE FACTORES AMBIENTALES (RUIDO)	UND	132.45	70.00	9,271.50	70.00	9,271.50	70.00	9,271.50	70.00	9,271.50	0.00	0.00	0.00
118	MONITOREO DE FACTORES AMBIENTALES (AGUA)	UND	548.59	45.00	24,686.55	45.00	24,686.55	45.00	24,686.55	45.00	24,686.55	0.00	0.00	0.00
119	REVEGETACION DE AREAS INTERVENIDAS	HA	1,398.40	142.00	198,572.80	142.00	198,572.80	142.00	198,572.80	142.00	198,572.80	0.00	0.00	0.00
120	REFORESTACION	PLN	109.27	22,400.00	2,447,648.00	22,400.00	2,447,648.00	22,400.00	2,447,648.00	5,400.00	590,058.00	-17,000.00	-1,857,590.00	-75.89
121	CAPACITACION AMBIENTAL	TLL	9,475.08	35.00	331,627.80	35.00	331,627.80	35.00	331,627.80	35.00	331,627.80	0.00	0.00	0.00
122	SEÑALIZACION AMBIENTAL	PZA	3,089.27	26.00	80,321.02	26.00	80,321.02	26.00	80,321.02	26.00	80,321.02	0.00	0.00	0.00
123	MONITOREO ARQUEOLOGICO Y HALLAZGOS FORTUITOS	MES	32,675.25	4.00	130,701.00	4.00	130,701.00	4.00	130,701.00	4.00	130,701.00	0.00	0.00	0.00
124	SEÑALIZACION PREVENTIVA ARQUEOLOGICA	PZA	3,078.12	1.00	3,078.12	1.00	3,078.12	1.00	3,078.12	1.00	3,078.12	0.00	0.00	0.00
125	PANEL INFORMATIVO	PZA	14,272.94	8.00	114,183.52	8.00	114,183.52	8.00	114,183.52	8.00	114,183.52	0.00	0.00	0.00
126	CARTILLAS INFORMATIVAS	UND	4.52	6,300.00	28,476.00	6,300.00	28,476.00	6,300.00	28,476.00	6,300.00	28,476.00	0.00	0.00	0.00
127	CASETA DE PARADA	UND	19,855.77	4.00	79,423.08	4.00	79,423.08	4.00	79,423.08	4.00	79,423.08	0.00	0.00	0.00
128	SEÑALIZACION AMBIENTAL DEFINITIVA ADVERTENCIA ROMBO	PZA	2,215.51	18.00	39,879.18	18.00	39,879.18	18.00	39,879.18	18.00	39,879.18	0.00	0.00	0.00
129	TRIPTICOS INFORMATIVOS	UND	1.04	1,575.00	1,638.00	1,575.00	1,638.00	1,575.00	1,638.00	1,575.00	1,638.00	0.00	0.00	0.00
130	TALLERES EDUCATIVOS	TLL	9,448.14	3.00	28,344.42	3.00	28,344.42	3.00	28,344.42	3.00	28,344.42	0.00	0.00	0.00
9	SERVICIOS DE CAMPO PARA EL INGENIERO													
131	SERVICIO DE ALIMENTACION	H*D	49.28	16,200.00	798,336.00	16,200.00	798,336.00	16,200.00	798,336.00	16,200.00	798,336.00	0.00	0.00	0.00
132	ALQUILER DE OFICINAS VIVIENDAS Y OTRAS INSTALACIONES	M2M	49.49	3,000.00	148,470.00	3,000.00	148,470.00	3,000.00	148,470.00	18,990.00	939,815.10	15,990.00	791,345.10	533.00
133	MANTENIMIENTO, LUBRICANTES Y COMBUSTIBLE	V*M	6,360.33	120.00	763,239.60	120.00	763,239.60	120.00	763,239.60	120.00	763,239.60	0.00	0.00	0.00
134	PROVISION DE CAMIONETA DOBLE TRACCION, CABINA DOBLE SUPERVISION	UND	303,074.73	3.00	909,224.19	3.00	909,224.19	3.00	909,224.19	3.00	909,224.19	0.00	0.00	0.00
135	PROVISION DE CAMIONETA DOBLE TRACCION, CABINA DOBLE FISCALIZACION	UND	303,074.73	1.00	303,074.73	1.00	303,074.73	1.00	303,074.73	1.00	303,074.73	0.00	0.00	0.00
136	LABORATORIO DE SUELOS, HOIRMIGONES Y ASFALTOS	GLB	37,884.32	1.00	37,884.32	1.00	37,884.32	1.00	37,884.32	1.00	37,884.32	0.00	0.00	0.00
10	REPOSCICION DE SERVICIOS													
137	REPOSICION DE SERVICIOS	GLB	94710.85	1.00	94,710.85	1.00	94,710.85	1.00	94,710.85	1.00	94,710.85	0.00	0.00	0.00
					122,334,505.81		122,334,505.81		122,334,505.81		122,334,505.81		0.00	

RESUMEN DE ORDEN DE TRABAJO N°1

MODULO

MOVIMIENTO DE TIERRAS	19,686,971.51
PAVIMENTACION	23,134,143.03
OBRA DE DRENAJE	9,686,507.39
VIADUCTOS	50,900,427.34
OBRAS COMPLEMENTARIAS	1,180,774.94
SEÑALIZACION Y SEGURIDAD VIAL	9,426,898.12
PASARELAS	2,802,756.76
MEDIDAS AMBIENTALES	1,669,741.93
SERVICIOS DE CAMPO PARA EL INGENIERO	3,751,573.94
REPOSCICION DE SERVICIOS	94,710.85
TOTAL	122.334.505.81

CONTRATISTA: SUPERVISION: FISCALIZACION:

Ing. Mario S. Condori Flores
SUPERINTENDENTE DE OBRA
EMPRESA ESTRATEGICA BOLIVIANA DE CONSTRUCCION Y CONSERVACION DE
INFRAESTRUCTURA CIVIL

Ing. Mario Alberto Tejerina Tapia
GERENTE DE PROYECTO
SUPERVISIÓN PROYECTO DOBLE VÍA YACUIBA – CAMPO PAJOSO, FASE I

Ing. Eyber Lopez
FISCAL DE OBRA
ADMINISTRADORA BOLIVIANA DE CARRETERAS