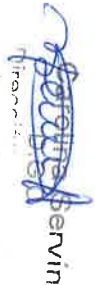


LISTA DE CANTIDADES Y SUS PRECIOS
TRAMO 1 - Lote N° 2

Empresas v/o Consorcios

Item	Descripción.	Unidad de Medida	Cantidad	Sub Total Gs	Sub Total Gs	Sub Total Gs	Sub Total Gs	Sub Total Gs	Sub Total Gs	Sub Total Gs
OBRAS DE HABILITACION										
1	MOVILIZACIÓN	gl	1	11.385.121.992	9.845.773.983	11.147.366.760	11.503.985.090	10.773.945.386	11.037.911.730	3.689.688.959
2	OBRAS DE SEGURIDAD VIAL	gl	1	294.603.525	197.591.461	230.873.140	380.761.010	354.079.673	1.565.457.196	259.415.420
3	MOVIMIENTO DE SUELOS	gl	1	97.689.075.084	89.850.360.374	96.729.738.340	110.598.690.160	93.473.092.501	76.447.641.043	88.088.380.307
4	REMOCIONES Y TRASLADOS	gl	1	1.385.112.168	2.336.278.149	2.768.069.100	1.270.833.380	4.713.966.605	1.485.419.537	2.976.090.630
5	PAVIMENTO	gl	1	193.582.766.621	215.368.931.094	178.526.635.360	169.327.825.400	170.416.613.576	182.164.728.001	203.887.194.471
6	MEJORAMIENTO DEL CAMINO EXISTENTE	gl	1	17.302.286.170	15.670.528.462	25.886.083.250	21.300.454.280	12.645.908.915	20.517.604.809	17.025.849.082
7	OBRAS DE ARTE	gl	1	21.807.205.642	15.025.416.307	22.624.623.160	18.496.360.540	19.057.046.903	14.099.779.530	19.093.082.800
8	PUENTES	gl	1	9.513.727.238	12.483.534.160	15.191.753.772	14.387.879.057	10.769.633.831	15.095.494.713	15.069.499.601
9	OBRAS COMPLEMENTARIAS	gl	1	11.570.757.958	14.271.797.933	17.571.457.250	13.827.265.300	12.646.348.597	22.374.824.771	15.838.207.716
10	SERVICIOS ESPECIALIZADOS	gl	1	18.283.587.552	6.493.386.528	6.512.622.480	2.576.391.120	9.341.552.808	4.556.676.240	6.308.633.232
11	CUMPLIMIENTO DE LAS ETAGS	gl	1	3.273.119.365	6.437.022.781	11.184.894.110	8.186.918.390	8.293.134.756	7.112.980.408	7.915.433.661
OBRAS DE MANTENIMIENTO										
12	MANTENIMIENTO DE LA CALZADA NUEVA	gl	1	17.888.188.512	12.300.068.304	18.457.526.400	14.200.038.720	9.055.762.320	18.760.972.608	11.996.007.216
		Total Corregido con IVA (GS)		403.975.551.827	400.280.689.536	406.831.643.122	386.057.402.446	361.541.085.871	375.219.490.586	392.147.483.095
										406.612.891.662

OBS: ECOMIPA S.A.; En la Planilla de Cantidades desglosadas el Item 9 OBRAS COMPLEMENTARIAS de la Lista de Cantidades desglosadas no coincide con el Item 9 OBRAS COMPLEMENTARIAS del Resumen de la Lista de Cantidades.


ECOMIPA S.A.
Jefe Interimario
Departamento de Contrataciones

LOTE 2 - Lista de Cantidades desglosadas

IOTE 2 - Lista de Cantidades desplazados																																																							
ITEM	DESCRIPCION	UNIDAD	CANT.	P. UNIT	P. TOTAL	P. UNIT	P. TOTAL	P. UNIT	P. TOTAL	P. UNIT	P. TOTAL	P. UNIT	P. TOTAL	P. UNIT	P. TOTAL	P. UNIT	P. TOTAL	P. UNIT	P. TOTAL																																				
OBRAS DE HABILITACION				CONSORCIO AVANZA CHACO (OCHO A S.A.-TECNOELI S.A. CONSTRUCTORA-CONSTRUPAR S.A.)				CONSTRUCTORA HERESCKE S.A.				ECOMIPA S.A.				CONSORCIO MONTE LIMBO (CCC S.A.- SUPERCEMENTO SOCIEDAD ANONIMA INDUSTRIAL Y COMERCIAL-PROEL INGENIERIA)				CONSORCIO RUTA 9 TRANSCHACO (BENTO ROGGIO E HIJOS S.A.-ITS S.A.)				CONSTRUCIONES ADESEM S.A. DE CV.				USUING CONSTRUCCION COA. LTD.				TOSCA S.A.																							
MOVILIZACION																																																							
1	Movilización y demolicion	Gl	1	11.385.121.992	11.385.121.992	9.845.773.983	9.845.773.983	11.147.366.760	11.147.366.760	11.503.985.090	11.503.985.090	11.503.985.090	11.503.985.090	10.773.945.386	10.773.945.386	11.037.911.730	11.037.911.730	3.689.688.959	3.689.688.959	11.843.080.788	11.843.080.788	189.599.611	189.599.611	93.075.667	93.075.667	88.806.782	88.806.782	93.075.667	93.075.667	88.806.782	88.806.782	93.075.667	93.075.667	88.806.782	88.806.782																				
OBRAS DE SEGURIDAD VIAL																																																							
2	Señalización Transitoria en Zonas de Obras	Pl	1	192.613.340	192.613.340	129.185.420	129.185.420	160.392.270	160.392.270	152.459.310	152.459.310	268.975.184	268.975.184	1.501.107.196	1.501.107.196	1.501.107.196	1.501.107.196	169.608.638	169.608.638	189.599.611	189.599.611	93.075.667	93.075.667	88.806.782	88.806.782	93.075.667	93.075.667	88.806.782	88.806.782	93.075.667	93.075.667	88.806.782	88.806.782	93.075.667	93.075.667	88.806.782	88.806.782																		
2.1	Planes de Manejo de Tránsito en Construcción	Pl	1	101.990.185	101.990.185	68.405.841	68.405.841	70.479.870	70.479.870	228.301.700	228.301.700	90.104.489	90.104.489	64.350.000	64.350.000	89.806.782	89.806.782	93.075.667	93.075.667	88.806.782	88.806.782	93.075.667	93.075.667	88.806.782	88.806.782	93.075.667	93.075.667	88.806.782	88.806.782	93.075.667	93.075.667	88.806.782	88.806.782	93.075.667	93.075.667	88.806.782	88.806.782																		
MOVIMIENTO DE SUELOS																																																							
3	Desbaste, Despepe y Depepe	Ha	183	5.968.475	1.092.230.925	10.386.662	10.386.662	12.182.160	2.229.335.280	18.614.940	3.406.334.020	5.488.651	1.006.253.133	6.206.882	1.135.859.406	6.595.227	1.206.926.541	13.868.472	2.541.224.376	60.618.660	60.618.660	189.599.611	189.599.611	93.075.667	93.075.667	88.806.782	88.806.782	93.075.667	93.075.667	88.806.782	88.806.782	93.075.667	93.075.667	88.806.782	88.806.782																				
3.1	Excavación no Clasificada	m³	3.865	16.866	65.175.495	26.982	104.259.430	34.790	134.463.350	15.080	58.284.200	26.389	101.993.485	18.196	70.377.540	29.020	112.162.300	15.684	60.618.660	189.599.611	189.599.611	93.075.667	93.075.667	88.806.782	88.806.782	93.075.667	93.075.667	88.806.782	88.806.782	93.075.667	93.075.667	88.806.782	88.806.782	93.075.667	93.075.667	88.806.782	88.806.782																		
3.2	Excavación de Bobones	m³	15.000	28.205	423.075.000	29.497	442.455.000	39.520	592.800.000	25.760	386.400.000	29.311	439.665.000	16.281	24.215.000	34.298	514.470.000	23.027	345.405.000	189.599.611	189.599.611	93.075.667	93.075.667	88.806.782	88.806.782	93.075.667	93.075.667	88.806.782	88.806.782	93.075.667	93.075.667	88.806.782	88.806.782	93.075.667	93.075.667	88.806.782	88.806.782																		
3.3	Excavación de Zangas de Drenaje	m³	12.111	23.725	287.333.475	23.563	285.371.483	46.160	559.043.760	16.570	200.679.270	41.241	499.469.751	16.281	197.179.191	33.592	406.832.712	17.056	206.565.216	189.599.611	189.599.611	93.075.667	93.075.667	88.806.782	88.806.782	93.075.667	93.075.667	88.806.782	88.806.782	93.075.667	93.075.667	88.806.782	88.806.782	93.075.667	93.075.667	88.806.782	88.806.782																		
3.4	Terminales	m³	#####	44.999	57.468.537.693	43.547	55.614.178.529	40.210	51.352.472.470	49.770	63.561.615.390	43.388	55.411.118.516	35.974	45.942.647.218	39.178	50.034.498.046	45.384	57.960.221.088	189.599.611	189.599.611	93.075.667	93.075.667	88.806.782	88.806.782	93.075.667	93.075.667	88.806.782	88.806.782	93.075.667	93.075.667	88.806.782	88.806.782	93.075.667	93.075.667	88.806.782	88.806.782																		
3.5	Sub Rasante Mojado con Cal	m³	284.444	134.834	38.352.722.296	110.754	31.503.310.776	147.170	41.861.623.480	151.120	42.985.177.280	126.614	36.014.592.616	101.452	28.857.412.688	125.907	35.813.490.708	140.136	39.860.844.394	189.599.611	189.599.611	93.075.667	93.075.667	88.806.782	88.806.782	93.075.667	93.075.667	88.806.782	88.806.782	93.075.667	93.075.667	88.806.782	88.806.782	93.075.667	93.075.667	88.806.782	88.806.782																		
REMOCIONES Y TRASLADOS																																																							
4	Remoción de Obras de Arte	Pl	1	28.360.200	28.360.200	62.928.525	62.928.525	81.057.760	81.057.760	160.341.400	160.341.400	99.146.187	99.146.187	74.164.055	74.164.055	34.765.438	34.765.438	45.258.766	45.258.766	189.599.611	189.599.611	93.075.667	93.075.667	88.806.782	88.806.782	93.075.667	93.075.667	88.806.782	88.806.782	93.075.667	93.075.667	88.806.782	88.806.782	93.075.667	93.075.667	88.806.782	88.806.782																		
4.1	Traslado de Columnas Eléctricas	un	598	2.268.816	1.356.751.968	3.801.588	2.273.349.624	4.499.310	2.687.011.340	1.857.010	1.110.491.980	7.717.091	4.614.820.418	2.259.959	1.411.255.482	4.918.604	2.941.325.192	4.124.901	2.466.690.790	189.599.611	189.599.611	93.075.667	93.075.667	88.806.782	88.806.782	93.075.667	93.075.667	88.806.782	88.806.782	93.075.667	93.075.667	88.806.782	88.806.782	93.075.667	93.075.667	88.806.782	88.806.782																		
PAVIMENTO																																																							
5	Base Granular 90/10 (CBR2.100%)	m³	119.591	327.052	39.112.475.732	406.684	48.635.746.244	299.580	35.827.071.780	276.860	33.109.964.260	223.463	26.724.163.633	274.848	32.869.347.168	319.231	38.177.154.521	352.026	42.099.141.366	189.599.611	189.599.611	93.075.667	93.075.667	88.806.782	88.806.782	93.075.667	93.075.667	88.806.782	88.806.782	93.075.667	93.075.667	88.806.782	88.806.782	93.075.667	93.075.667	88.806.782	88.806.782																		
5.1	Sub Base Granular 70/30 (CBR 270%)	m³	128.378	272.841	35.026.781.898	355.193	45.598.966.954	314.740	40.405.691.720	224.930	28.876.063.540	177.473	22.783.628.794	248.657	31.922.088.346	271.975	34.915.606.550	291.843	37.466.220.654	189.599.611	189.599.611	93.075.667	93.075.667	88.806.782	88.806.782	93.075.667	93.075.667	88.806.782	88.806.782	93.075.667	93.075.667	88.806.782	88.806.782	93.075.667	93.075.667	88.806.782	88.806.782																		
5.5	Riegos con material asfáltico	m²	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																		
5.5.1	Información Asfáltica	m²	770.713	8.324	6.415.415.012	9.162	7.061.272.506	9.300	7.167.630.900	8.330	6.435.453.550	9.582	7.384.971.966	8.036	6.193.449.668	7.565	5.830.443.845	8.470	6.527.939.110	189.599.611	189.599.611	93.075.667	93.075.667	88.806.782	88.806.782	93.075.667	93.075.667	88.806.782	88.806.782	93.075.667	93.075.667	88.806.782	88.806.782	93.075.667	93.075.667	88.806.782	88.806.782																		
5.5.2	Riego de Lija	m²	#####	2.732	3.373.735.872	3.705	4.575.289.680	4.160	5.137.167.360	6.310	7.792.193.760	3.293	4.066.512.328	4.396	5.354.509.056	3.070	3.791.130.720	3.066	3.835.586.976	189.599.611	189.599.611	93.075.667	93.075.667	88.806.782	88.806.782	93.075.667	93.075.667	88.806.782	88.806.782	93.075.667	93.075.667	88.806.782	88.806.782	93.075.667	93.075.667	88.806.782	88.806.782																		
5.6	Concreto Asfáltico	m³	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																		
5.6.1	Carpete de C&A con Polímero	m³	32.395	1.536.169	49.764.194.755	1.485.296	48.116.163.920	1.226.320	39.726.636.400	1.310.270	42.445.196.650	1.546.959	50.113.736.805	1.437.795	46.577.369.025	1.484.331	48.084.902.745	1.470.659	47.641.998.305	189.599.611	189.599.611	93.075.667	93.075.667	88.806.782	88.806.782	93.075.667	93.075.667	88.806.782	88.806.782	93.075.667	93.075.667	88.806.782	88.806.782	93.075.667	93.075.667	88.806.782	88.806.782																		
5.6.2	Capa Inferior de Concreto Asfáltico	m³	49.094	1.219.908	59.890.163.352	1.250.285	61.381.491.790	1.023.800	50.652.437.200	1.092.060	50.667.953.640	1.208.775	59.343.599.850	1.206.827	59.247.964.738	1.488.735	73.087.956.090	1.247.120	61.261.109.280	189.599.611	189.																																		

LOTE 2 - Lista de Cantidades desglosadas

LOTE 2 - Lista de Cantidades desglosadas																			
ITEM	DESCRIPCION	UNIDAD	CANT.	P. UNIT	P. TOTAL	P. UNIT	P. TOTAL	P. UNIT	P. TOTAL	P. UNIT	P. TOTAL	P. UNIT	P. TOTAL	P. UNIT	P. TOTAL	P. UNIT	P. TOTAL	P. UNIT	P. TOTAL
CONSORCIO AVANZA CHACO (OOH A S.A. -TECHODIN S.A. CONSTRUCTORA-CONSTRUPAR S.A.)																			
CONSTRUCTORA HERSCHE S.A.																			
ECOMPA S.A.																			
CONSORCIO MONTE LINDO (CCC S.A.- SUPERCEMENTO SOCIEDAD ANONIMA INDUSTRIAL Y COMERCIAL-PROEL INGENIERIA)																			
CONSORCIO RUTA 9 TRANCHACO (BENITO ROJERO E HIJOS S.A.- LT S.A.)																			
CONSTRUCCIONES AUDESEN S.A. DE C.V.																			
ISSUNG CONSTRUCTION CO. LTD.																			
TOSCA S.A.																			
8.1	Puente de Hormigón Armado 11x5x20 - Riocho He e	ml	2,442.53	31,567	0	62,166	151,647.205	55,410	135,340.587	25,760	62,919.573	28,774	70,281.356	21,835	53,332.643	59,268	144,763.868	38,139	93,237.544
8.1.2	Excavación Estructural en suelo	m³	24.26	1,068.645	25,925.328	994.066	24,116.041	997.840	24,207.598	1,192.800	28,937.328	832.070	19,943.418	958.214	23,246.272	2,966.389	29,968.389	1,691.895	41,045.373
8.1.3	Pilote Pre-perforado ø 0.80 m fck ≥ 25 Mpa	ml	688.00	1,204.645	828,795,760	1,922.616	1,372,448,832	2,691,020	1,851,428,660	1,464,520	1,007,864,960	1,561,129	1,074,056,732	1,958,054	1,571,636,992	2,545,984	1,751,636,992	1,725,143	1,188,808,584
8.1.3.6	Pilote Pre perforado de ø 1.20 m fck ≥ 25 Mpa	ml	180.00	2,018.568	363,342,240	2,639,619	475,131,420	3,209,570	577,755,000	3,211,350	578,043,000	2,624,080	4,073,434,400	3,860,844	4,732,951,920	3,248,074	563,753,320	2,755,011	495,541,980
8.1.4	Cabezal de pilotes fck ≥ 25 Mpa	m³	20.81	2,460.741	51,208.020	2,445.951	50,889.835	3,316,760	69,021.776	2,074.800	43,176,586	1,932.488	40,215,283	3,027.012	48,396,444	6,292.120	2,990.329	47,661,746	154,978,594
8.1.5	Pilas fck ≥ 25 Mpa	m³	49.89	2,356.485	117,565.037	2,241.197	111,843.252	3,333,010	166,283.869	2,746.920	137,043,638	2,598.920	129,655,130	2,399.174	119,137,128	2,789,656	3,196,324	2,906,329	4,766,746
8.1.6	Estrbo fck ≥ 25 Mpa	m³	241.69	2,356.485	575,053.691	2,865.306	693,099.352	5,773.120	802,293.076	2,291.150	554,206.774	2,115.361	51,684.672	2,093.676	491,000.218	3,562.139	861,045.809	2,346.173	568,241.457
8.1.7	Viga Longitudinal Prefabricada de Hie re fck=30 Mpa)	m³	446.40	4,056.659	1,810,870,258	5,704.944	2,546,208.442	5,773.120	2,577,120,768	10,141.440	4,527,138,316	5,567.603	3,549.344	1,495,147,162	7,088,070	3,164,560,948	6,542,102	2,920,334,333	
8.1.8	Vigas Transversales fck=25Mpa	m³	20.06	2,452.401	49,195.164	2,718.316	54,339.449	3,445.560	69,117.934	2,344.720	19,578.496	2,298.915	56,472.035	2,054.182	41,706.891	3,398.238	60,168.654	2,333.355	56,837,101
8.1.9	Vigas Rectoras fck= 25 Mpa	m³	8.35	2,358.260	19,693.471	2,008.870	16,710.725	3,442.330	28,659.956	2,344.720	19,578.496	2,298.915	56,472.035	2,054.182	41,706.891	3,398.238	60,168.654	2,333.355	56,837,101
8.1.10	losa Tablero fck ≥ 25 Mpa	m³	214.90	2,888.027	620,637,002	2,258.878	485,432,882	3,593,310	759,308,319	2,378.980	511,242,802	1,983,523	425,739,093	1,870,116	401,687,928	2,996,203	601,548,725	2,696,597	579,498,695
8.1.11	losa de Aproximación fck ≥ 25 Mpa	m³	27.01	2,235.621	60,384,123	2,281,981	61,620,101	2,643,340	71,396,613	2,378,980	511,242,802	1,983,523	425,739,093	1,870,116	401,687,928	2,996,203	601,548,725	2,696,597	579,498,695
8.1.12	loseta prefabricada fck=25Mpa	m³	53.96	3,363.434	181,490,899	2,140,755	115,515,140	5,274,590	284,616,876	4,416,810	238,331,068	3,557,118	191,942,087	2,644,145	142,678,064	2,575,361	138,966,480	3,174,340	61,640,944
8.1.13	Cenefa Prefabricada	m³	2.32	2,493.895	5,646.636	1,697,723	3,937,557	5,274,590	12,377,049	4,416,810	238,331,068	3,557,118	191,942,087	2,644,145	142,678,064	2,575,361	138,966,480	3,174,340	61,640,944
8.1.14	Defensa New Jersey	ml	26.30	812.932	21,380,112	2,538,422	66,750,110	6,249,403	164,899,422	769,810	20,246,999	3,487,661	9,019,374	4,827,925	2,081,002	87,630,892	85,279,872	2,183,124	52,954,976
8.1.16	Apoyos elastomeros	un	24.00	6,859,725	164,633,400	3,728,809	89,491,416	2,056,080	49,345,920	2,546,590	61,118,160	2,033,992	48,815,808	3,554,773	85,514,552	3,553,328	8,620,922	309,406	6,995,676
8.1.17	Drenaje de Estructo	m³	22.61	349,380	7,899,482	320,437	7,745,081	49,980	11,123,668	389,990	8,817,674	410,622	9,284,163	31,424	160,937	381,288	8,279,922	136,975	2,328,575
8.1.18	Drenaje de Tablero ø100 mm	ml	17.00	73,704	1,252,968	129,939	2,398,993	158,860	2,702,320	189,780	3,226,660	1,045,517	1,045,517	31,424	160,937	534,206	11,978,552	136,975	2,328,575
8.1.20	Junta de Dilatacion	ml	26.00	849,334	22,082,684	640,434	16,652,584	2,822,480	73,384,480	2,042,710	59,110,460	343,844	8,939,944	785,594	20,423,444	786,329	20,496,554	533,995	13,883,610
8.1.25	Estudios Geotecnicos	un	6.00	3,620,222	21,721,332	3,766,735	22,596,750	4,873,200	29,239,200	4,766,330	28,597,980	4,970,380	29,821,920	4,504,500	27,027,090	4,570,682	27,424,092	3,144,109	18,864,618
8.1.26	Investigación de pilotes por metodos No Destructivos (Sonico)	un	46.00	1,046,917	48,156,182	1,848,825	85,045,980	964,200	44,835,200	1,838,440	84,568,420	1,930,880	70,420,480	923,128	42,463,888	1,762,978	81,096,986	519,695	23,905,570
8.1.27	Evaluación de Vigas Prei por Met No Destructivos (Pulso Eco o Ultrasonido)	un	18.00	2,612,400	47,022,220	2,314,455	41,660,180	2,410,500	43,689,000	2,858,800	51,476,400	1,989,637	35,813,466	2,307,819	41,540,742	2,742,409	49,363,362	1,104,333	18,877,594
8.1.28	Evaluación de Vigas Prei por Met No Destructivos de Carga Dinamica	un	5.00	7,436,044	37,180,220	16,434,000	81,770,000	6,746,390	33,746,950	20,427,150	102,135,750	1,568,795	29,343,937	6,461,892	32,309,460	19,588,635	97,934,175	4,055,544	20,267,770
8.1.30	Ensayo de Capacidad de Carga en Pilotes por Metodos Dinamicos	un	12.00	24,705,280	296,463,360	27,389,000	328,680,000	22,155,620	265,867,440	16,341,720	196,100,640	20,749,320	245,753,440	23,077,182	276,938,184	15,670,908	188,050,896	20,487,903	245,834,936
8.1.30	Prueba de Recepcion de Puentes	tramo	1.00	37,180,222	37,180,222	20,542,500	20,542,500	32,279,170	32,279,170	10,213,570	10,213,570	29,159,587	29,159,587	32,308,454	32,308,454	9,794,318	9,794,318	30,531,573	30,531,573
8.2	Puente de Hormigón Armado 17x29.92 - Rio Montefrío	ml	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8.2.1	Excavación Estructural en suelo	m³	2442.07	31,567	77,088,824	62,166	151,818,666	55,410	135,315,095	25,760	62,920,723	28,774	70,281,356	21,835	53,322,598	59,268	144,763,605	38,139	93,266,980
8.2.2	Hormigón de Limpieza fck ≥ 15 Mpa	m³	24.33	1,068,645	24,931,488	994,066	23,919,607	997,840	23,797,607	1,192,800	27,820,024	832,070	19,178,893	958,214	22,535,133	1,235,218	20,817,636	1,691,895	39,471,910
8.2.3.4	Pilote Pre-perforado ø 0.80 m fck ≥ 25 Mpa	ml	772.00	1,195,345	922,804,796	1,927,164	1,489,910,608	2,669,1030	2,077,475,160	1,464,920	1,130,919,320	1,561,129	1,205,191,586	1,535,054	4,257,621,688	1,545,994	1,965,499,648	1,725,143	1,331,871,910
8.2.3.6	Pilote Pre perforado de ø 1.20 m fck ≥ 25 Mpa	ml	57.00	2,004,767	114,271,719	2,639,619	150,458,285	3,211,720	181,104,390	3,212,800	183,046,950	2,624,080	148,572,560	3,860,844	225,768,106	2,323,074	184,855,216	2,753,011	156,921,627
8.2.4	Cabezal de Pilotes fck ≥ 25 Mpa	m³	14.58	2,460,741	35,877,604	2,445,451	35,646,676	3,316,760	60,250,540	2,077,800	30,250,540	1,993,906	28,196,246	2,325,634	33,607,744	2,898,173	44,133,895	2,790,327	33,392,971
8.2.5	Pilas fck ≥ 25 Mpa	m³	25.22	2,460,741	61,202,231	2,241,197	56,538,120	3,333,010	84,058,512	2,746,920	69,271,332	2,864,216	72,235,246	2,325,634	33,607,744	2,898,173	44,133,895	2,790,327	33,392,971
8.2.6	Estrbo fck ≥ 25 Mpa	m³	344.23	2,120,463	729,926,978	2,865,308	986,249,976	3,333,010	1,141,728,295	2,291,150	1,141,728,295	2,291,150	788,665,565	1,970,306	678,238,334	2,030			

LOTE 2 - Lista de Cantidades desglosadas										CONSORCIO AVANZA CHACO (COCHO A.S.A.-TECNOEDI S.A. CONSTRUCTORA-CONSTRUPA S.A.)		CONSTRUCTORA HEREBECK S.A.		ECOMIPA S.A.		CONSORCIO MONTE LINDO (CCC S.A.- SUPERCEMENTO SOCIEDAD ANONIMA INDUSTRIAL Y COMERCIAL-PROEL INGENIERIA)		CONSORCIO RUTA 9 TRANSCHACO (BENITO ROGIO E HIJOS S.A.-IT S.A.)		CONSTRUCCIONES AUDESEN S.A. DE C.V.		USUING CONSTRUCTION CO. LTD.		TOSCA S.A.			
ITEM	DESCRIPCION	UNIDAD	CANT.	P. UNIT	P. TOTAL	P. UNIT	P. TOTAL	P. UNIT	P. TOTAL	P. UNIT	P. TOTAL	P. UNIT	P. TOTAL	P. UNIT	P. TOTAL	P. UNIT	P. TOTAL	P. UNIT	P. TOTAL	P. UNIT	P. TOTAL	P. UNIT	P. TOTAL	P. UNIT	P. TOTAL	P. UNIT	P. TOTAL
9.5.2	Tachon Reflectivo	un	1.080	126.332	136.438.560	89.018	96.139.440	101.440	109.555.200	84.180	90.914.400	75.686	81.740.880	82.107	88.675.560	102.852	111.080.160	81.630	88.160.400	102.852	111.080.160	81.630	88.160.400	102.852	111.080.160	81.630	88.160.400
9.6	Postes de Kilometraje	un	61	1.168.440	71.374.840	390.308	23.808.788	1.109.920	67.705.120	1.122.130	68.449.930	753.678	45.974.358	715.974	43.674.414	474.899	28.968.839	2.454.245	148.708.945	474.899	28.968.839	2.454.245	148.708.945	474.899	28.968.839	2.454.245	148.708.945
9.7	Proteccion Vegetal de Taludes	m2	412.360	5.959	2.457.253.240	7.673	3.164.038.280	10.380	4.280.296.800	6.600	2.721.576.000	8.315	3.428.773.400	24.651	10.165.086.360	8.234	3.993.372.240	4.261	1.757.065.560	24.651	10.165.086.360	8.234	3.993.372.240	4.261	1.757.065.560	24.651	10.165.086.360
9.8	Proteccion de Areas de Puentes	m	39.200	10.635	416.892.000	61.446	2.408.683.200	74.440	2.918.048.000	48.810	1.913.352.000	55.121	2.160.743.200	49.616	1.944.947.200	76.425	2.995.860.000	69.636	2.729.731.200	49.616	1.944.947.200	76.425	2.995.860.000	69.636	2.729.731.200	76.425	2.995.860.000
9.9	Cordon de Hombrón	m	200	104.061	20.812.200	75.813	15.162.600	97.160	19.432.000	70.930	14.186.000	74.780	14.956.000	158.198	31.639.600	98.969	19.793.800	60.418	12.083.600	158.198	31.639.600	98.969	19.793.800	60.418	12.083.600	158.198	31.639.600
9.11	Caceras de Resguardo Personal	un	12	22.845.319	274.143.828	23.764.261	285.171.132	44.449.970	533.399.640	26.040.060	312.480.720	28.193.730	338.374.760	7.761.145	93.133.740	27.642.495	331.709.940	34.107.427	409.289.124	27.642.495	331.709.940	34.107.427	409.289.124	27.642.495	331.709.940	34.107.427	409.289.124
9.12	Iluminación de Intersecciones				0		0		0		0		0		0		0		0		0		0		0		0
9.12.1	Empalme con Accesos	un	36	121.239.855	4.364.634.780	124.213.086	4.471.671.096	141.825.240	5.105.708.640	133.506.150	4.806.221.400	90.951.755	3.274.263.180	118.676.271	4.272.345.756	136.881.720	4.927.741.920	216.943.073	7.809.950.628	118.676.271	4.272.345.756	136.881.720	4.927.741.920	216.943.073	7.809.950.628	136.881.720	4.927.741.920
9.12.2	Empalme con Ruta Existente	un	10	114.858.810	1.148.588.100	120.116.135	1.201.161.350	136.198.530	1.361.985.300	129.728.410	1.297.884.100	87.251.383	872.515.830	91.465.602	914.636.020	130.703.020	1.307.030.200	209.190.001	2.091.900.010	91.465.602	914.636.020	130.703.020	1.307.030.200	209.190.001	2.091.900.010	91.465.602	914.636.020
9.12.3	Empalme Ruta N	el	1	117.041.206	117.041.206	169.335.383	169.335.383	169.959.170	169.959.170	165.038.680	165.038.680	113.426.798	113.426.798	186.422.847	186.422.847	168.996.509	168.996.509	209.190.001	209.190.001	186.422.847	186.422.847	168.996.509	168.996.509	209.190.001	209.190.001	168.996.509	168.996.509
10	SERVICIOS ESPECIALIZADOS																										
10.1	Servicios Especializados	MES	72	253.938.716	18.283.587.552	90.188.524	6.493.386.528	90.453.090	6.512.622.480	35.783.210	2.576.391.120	129.743.789	9.341.552.808	63.287.170	4.556.676.240	87.619.906	6.308.633.232	107.750.792	7.758.057.024	63.287.170	4.556.676.240	87.619.906	6.308.633.232	107.750.792	7.758.057.024	87.619.906	6.308.633.232
11	CUMPLIMIENTO DE LAS ETAPAS																										
11.1	Cumplimiento de las Especificaciones Técnicas Ambientales Generales (ETAGS) y Particulares (ETAPs)	el	1	2.150.979.471	2.150.979.471	3.277.533.415	3.277.533.415	3.944.153.170	3.944.153.170	4.902.515.490	4.902.515.490	6.560.763.307	6.560.763.307	4.010.989.554	4.010.989.554	4.069.920.247	4.069.920.247	2.573.098.334	2.573.098.334	4.902.515.490	4.902.515.490	4.069.920.247	4.069.920.247	2.573.098.334	2.573.098.334	4.069.920.247	4.069.920.247
11.2	Paso de Fianza 1 x2.00x2.00	un	3	91.528.303	274.584.909	438.467.475	1.315.402.425	546.726.670	1.640.380.010	273.616.580	820.849.740	215.843.294	647.553.882	183.084.023	549.232.069	548.185.101	1.644.555.303	932.770.088	2.798.310.204	183.084.023	549.232.069	548.185.101	1.644.555.303	932.770.088	2.798.310.204	548.185.101	1.644.555.303
11.3	Paso de Fianza 2 x2.00x2.00	un	1	201.445.033	201.445.033	474.067.627	474.067.627	601.781.870	601.781.870	547.233.160	547.233.160	289.941.913	289.941.913	303.605.452	583.551.968	583.551.968	1.127.236.161	1.127.236.161	2.669.795.514	303.605.452	583.551.968	583.551.968	1.127.236.161	1.127.236.161	2.669.795.514	583.551.968	583.551.968
11.4	Paso de Fianza 3 x2.00x2.00	un	2	287.959.218	575.918.436	552.757.042	1.105.514.084	724.473.440	1.448.956.880	806.999.090	1.613.998.180	355.249.181	710.498.362	384.185.622	768.371.244	681.768.633	1.363.537.266	1.334.897.757	2.669.795.514	384.185.622	768.371.244	681.768.633	1.363.537.266	1.334.897.757	2.669.795.514	681.768.633	1.363.537.266
11.5	Programa de reposición de árboles afectados por las obras	ha	111	632.356	70.191.516	2.382.930	264.505.230	31.980.380	3.549.822.180	2.723.620	302.321.820	760.372	84.401.232	13.340.199	1.480.762.089	2.287.107	253.868.877	17.149.650	1.903.611.150	13.340.199	1.480.762.089	2.287.107	253.868.877	17.149.650	1.903.611.150	2.287.107	253.868.877
8	OBRAS DE MANTENIMIENTO																										
12.1	Mantenimiento de la Carretera Nueva	Km.mes	2.928	6.109.354	17.888.188.512	4.200.843	12.390.068.304	6.303.800	18.457.526.400	4.849.740	14.200.038.720	3.092.815	9.055.762.320	6.407.436	18.760.972.608	4.096.997	11.996.007.216	3.829.550	11.212.922.400	6.407.436	18.760.972.608	4.096.997	11.996.007.216	3.829.550	11.212.922.400	4.096.997	11.996.007.216


Dirección de Veilidad


Lilia Infante Medina
Dpto. Gestión de Contratación