ESTUDIO DE MERCADO COMPRA DE EQUIPOS
TECNOPARQUE- TECOACADEMIA REGIONAL NORTE DE SANTANDER

Lote		Equipo	nuevas cantidades	Cotización N° 1	Cotización N°2	Cotización N° 3	Cotización N° 4	Histórico N° 1	Histórico N° 2	Histórico N° 3	Valor unitario	Valor Total	HISTORICO GOBERNACIO N N°1	HISTORICO GOBERNACIO N N°2	HISTORICO GOBERNACION N°3	Histórico unitario promedio Gobernación	Valor unitario	Valor Total	PROMEDIO UNITARIO GOBERNACIÓ N Y SENA	TOTAL GOBERNACIÓN Y SENA	COSTO TOTAL
L1-BIOTECNOLOGÍA Y NANOTECNOLOGÍA BÁSICOS	L1-001	PLANCHA DE CALENTAMIENTO CON AGITACION MAGNÉTICA	9	2.879.086	2.399.040	3.707.469		2.030.130			2.436.085	21.924.769	2.334.780	2.094.730		2.214.755	2.436.085	21.924.769	2.325.420	20.928.783	20.928.783
	L1-002	BALANZA ANALITICA DE ALTO RENDIMIENTO PARA LABORATORIO CON MESA ANTIVIBRATORIA (TECNOPARQUE)	1	28.203.000	27.297.648	11.003.978		29.215.156			28.238.601	28.238.601	33.597.270	28.792.677		31.194.974	28.238.601	28.238.601	29.716.787	29.716.787
	L1-003	BALANZA ANALITICA PARA LABORATORIO CON MESA ANTIVIBRATORIA (TECNOACADEMIA)	2	28.203.000	15.108.240	11.003.978		10.579.637			10.791.807	21.583.614	12.166.560	9.935.378		11.050.969	10.791.807	21.583.614	10.921.388	21.842.776	21.842.776
	L1-004	BALANZA DE PRECISIÓN SEMI ANALITICA PARA LABORATORIO	1	12.882.940	6.965.213	3.686.144		9.055.389	7.459.364		7.212.288	7.212.288	10.414.880	8.578.269		9.496.574	7.212.288	7.212.288	8.354.431	8.354.431	8.354.431
	L1-005	BALANZA DE PRECISIÓN PARA LABORATORIO	1	4.831.400	2.970.240	3.392.928		5.516.898			5.174.149	5.174.149	7.516.040	6.344.433		6.930.237	5.174.149	5.174.149	6.052.193	6.052.193	6.052.193
	L1-006	VISCOSIMETRO DIGITAL PARA MATERIALES DE MEDIA VISCOSIDAD	2	46.291.000	21.077.280	20.941.382		26.140.511			21.009.331	42.018.662	35.705.950	30.061.588		33.883.769	21.009.331	42.018.662	26.946.550	53.893.100	53.893.100
	L1-007	DESECADOR	6	773.500	776.832	771.614					741.434	4.448.604	1.087.660	903.972		995.816	741.434	4.448.604	868.625	5.211.750	5.211.750
	L1-008	PHMETRO - MEDIDOR MULTIPARAMETRO DE MESA	2	24.871.000	19.877.760	7.022.618		20.669.437			20.273.599	40.547.197	26.646.480	23.769.853		25.208.167	20.273.599	40.547.197	22.740.883	45.481.765	45.481.765
	L1-009	BAÑO MARIA DE 20L PARA USO GENERAL	2	9.282.000	6.802.992	4.610.818		3.544.322			3.884.580	7.769.160	4.075.750	3.483.623		3.779.687	3.884.580	7.769.160	3.832.133	7.664.267	7.664.267
	L1-010	BAÑO ULTRASONICO DIGITAL DE 5L	2	8.092.000	8.111.040						8.101.520	16.203.040	4.560.080	4.308.516		4.434.298	8.101.520	16.203.040	6.267.909	12.535.818	12.535.818
	L1-011	SISTEMA DE MICROFILTRACIÓN AL VACÍO	1	26.180.000	6.320.899	2.142.000		6.087.105			6.204.002	6.204.002	6.999.580	6.166.836		6.583.208	6.204.002	6.204.002	6.393.605	6.393.605	6.393.605
	L1-012	BOMBA DE VACIO CON RESISTENCIA QUIMICA	1	17.374.000	6.854.400	4.264.294		20.636.573			19.005.287	19.005.287	26.265.680	23.732.059		24.998.870	19.005.287	19.005.287	22.002.078	22.002.078	22.002.078
	L1-013	KIT DE MICROPIPETAS MONOCANAL DE VOLUMEN VARIABLE	3	4.284.000	6.283.200	6.590.046					5.417.702	16.253.106	17.786.930	17.335.719		17.561.324	5.417.702	16.253.106	11.489.513	34.468.540	34.468.540
	L1-014	BURETA ACOPABLE A FRASCO	4	9.044.000	6.283.200	4.177.475		5.348.860			5.195.339	20.781.354	7.251.860	6.151.189		6.701.524	5.195.339	20.781.354	5.548.431	23.793.726	23.793.726
	L1-015	MICROSCOPIO OPTICO VERTICAL TRINOCULAR DE INVESTIGACIÓN CON CAMARA	3	41.947.500	12.909.120	12.858.853		10.243.362			11.645.675	34.937.025	11.779.810	9.739.136		10.759.473	11.645.675	34.937.025	11.202.574	33.607.722	33.607.722
	L1-018	MICROSCOPIO OPTICO VERTICAL DIGITAL DE EDUCACIÓN	6	8.330.000	4.272.576	7.510.595		5.781.049			5.096.301	30.577.807	7.763.560	6.648.206		7.205.883	5.096.301	30.577.807	6.151.092	36.906.552	36.906.552
	L1-017	ESTÉREO MICROSCOPIO TRINOCULAR DE 180X	3	23.205.000	5.483.520	5.674.407					5.578.963	16.736.890	6.525.960	5.418.216		5.972.088	5.578.963	16.736.890	5.775.526	17.326.577	17.326.577
	L1-018	MICROSCOPIO OPTICO VERTICAL DIGITAL DE EDUCACIÓN CON CÁMARA INTEGRADA Y WIFI	6	28.036.400	12.794.880	6.732.204		5.787.147			6.259.675	37.558.053	7.742.140	6.655.219		7.198.680	6.259.675	37.558.053	6.729.178	40.375.066	40.375.066
	L1-019	CABINA FLUJO LAMINAR HORIZONTAL CON SISTEMA UV INTEGRADO	3	86.394.000	21.214.368	30.316.440		13.265.552			14.448.696	43.346.089	15.255.800	13.540.104		14.397.952	14.448.696	43.346.089	14.423.324	43.269.973	43.269.973
	L1-020	CABINA MICROPROCESADA DE EXTRACCIÓN DE GASES TÓXICOS	3	61.047.000	28.103.040	12.984.665					12.984.665	38.953.994	14.932.120	13.467.621		14.199.870	12.984.665	38.953.994	13.592.268	40.776.803	40.776.803
	L1-021	SISTEMA DE PURIFICACIÓN DE AGUA PARA TIPO I Y TIPO II	1	214.200.000	23.662.531	23.502.946					23.582.739	23.582.739	27.028.470	23.311.016		25.169.743	23.582.739	23.582.739	24.376.241	24.376.241	24.376.241
	L1-022	NEVERA PARA LABORATORIO DE 400L CON CONGELADOR	3	23.086.000	11.905.950						9.525.355	28.576.065	4.611.250	4.163.329		4.387.289	9.525.355	28.576.065	6.956.322	20.868.967	20.868.967
	L1-023	ULTRACONGELADOR PARA LABORATORIO A -20°C	1	63.070.000	40.612.320	16.136.400		27.187.360	26.204.093		20.750.853	20.750.853	31.364.870	30.134.707		30.699.788	30.750.853	20.750.853	25.725.321	25.725.321	25.725.321
	L1-024	INCUBADORA DE CONVECCIÓN DE AL MENOS 100L	2	83.895.000	23.430.624			9.635.560	8.951.836		10.995.465	21.990.930	11.081.280	10.294.611		10.687.945	10.995.465	21.990.930	10.841.705	21.683.411	21.683.411
	L1-025	AUTOCLAVE ELÉCTRICA DE PISO PROGRAMABLE	1	52.360.000	24.218.880	35.182.721		40.055.857			36.096.943	36.096.943	54.743.800	46.064.236		50.404.018	36.096.943	36.096.943	43.250.480	43.250.480	43.250.480
	L1-026	AUTOCLAVE ELÉCTRICA PARA LABORATORIO TIPO OLLA	2	11.424.000	6.751.584	5.997.600		7.892.223			6.880.469	13.760.938	10.662.400	9.076.056		9.869.228	6.880.469	13.760.938	8.374.849	16.749.697	16.749.697
	L1-027	HORNO DE CONVECCIÓN FORZADA CAPACIDAD 110L	2	14.280.000	14.898.038	11.927.182					12.924.055	25.848.110	11.418.050	9.419.361		10.418.706	12.924.055	25.848.110	11.671.380	23.342.761	23.342.761
	L1-028	HORNO TIPO MUFLA MULTIPROPOSITO CON CALENTAMIENTO ELECTRICO DE LECTURA DIGITAL CAPACIDAD 17L	2	11.186.000	22.048.320			13.794.431			13.980.500	27.961.001	16.969.400	15.863.596		16.416.498	13.980.500	27.961.001	15.198.499	30.396.998	30.396.998
	L1-029	CENTRIFUGA REFRIGERADA DE 12000 RPM, capacidad máxima 4 x 250 ml con rotor basculante, 6 x 85 ml con rotor de ángulo fijo.	2	70.686.000	51.042.432			66.746.249			46.115.197	92.230.395	82.919.200	76.758.187		79.838.693	46.115.197	92.230.395	62.976.945	125.953.891	125.953.891
	L1-030	CENTRIFUGA UNIVERSAL DE MESA con microprocesador y pantalla, bajo nivel de ruido, capacidá máxima: con rotor basculante: 4 x 100 ml, con rotor de ángulo fijo: 16 x 15 ml.	2	61.285.000	30.302.160			19.194.961	17.749.878		18.472.419	36.944.839	22.074.500	20.412.360		21.243.430	18.472.419	36.944.839	19.857.925	39.715.849	39.715.849
	L1-031	INCUBADORA CON AGITACIÓN ORBITAL CON CONTROL PID.	2	69.020.000	32.135.712	19.963.371		23.070.682			20.464.213	40.928.426	26.531.050	23.578.302		25.054.676	20.464.213	40.928.426	22.759.445	45.518.889	45.518.889
	L1-032	TERMOHIGRÓMETRO DIGITAL	6	1.501.780	151.368	369.460		423.726			423.855	2.543.132	486.710	431.736		459.223	423.855	2.543.132	441.539	2.649.235	2.649.235
	L1-033	CABEZAL DE MOLIENDA POR IMPACTO	1	38.387.020	37.128.000			40.922.228			38.812.416	38.812.416	51.165.240	47.060.919		49.113.080	38.812.416	38.812.416	43.962.748	43.962.748	43.962.748
	L1-034	ROTAEVAPORADOR CON CHILLER	1	67.830.000	61.689.600	27.804.588		25.701.928	23.657.759		25.721.425	25.721.425	29.557.220	27.206.424		28.381.822	25.721.425	25.721.425	27.051.624	27.051.624	27.051.624
	L1-035	DUCHA Y LAVAOJOS PARA LABORATORIO	3	8.330.000	4.840.349			5.831.866			4.743.206	14.229.617	8.202.670	6.706.646		7.454.658	4.743.206	14.229.617	6.098.932	18.296.796	18.296.796
	L1-036	GLOV BOX, CAJA DE GUANTES PARA NANOTECNOLOGÍA	2	69.863.710	26.800.704			20.834.929			23.817.817	47.635.633	20.960.650	21.013.891		20.987.271	23.817.817	47.635.633	22.402.544	44.805.087	44.805.087
L2 - BIOTECNOLOGÍA Y NANOTECNOLOGÍA ROBUSTOS	L2-037	MICROSCOPIO ELECTRÓNICO DE BARRIDO SEM- EDS - STEM (TECNOPARQUE)	1	990.727.530				881.080.057	961.178.243		944.328.610	944.328.610	990.727.530	969.188.360	1.045.761.918	1.001.892.606	944.328.610	944.328.610	973.110.608	973.110.608	973.110.608
	L2-038	MICROSCOPIO ELECTRÓNICO DE BARRIDO SEM (TECNOACADEMIA)	1	569.260.419				483.246.528	492.451.223		487.848.875	487.848.875	569.260.419	531.570.620	535.786.931	545.539.323	487.848.875	487.848.875	516.694.099	516.694.099	516.694.099
	L2-039	ESPECTOFOTOMETRO INFRARROJO FTIR	1	179.273.500				130.444.887	159.432.640		144.938.763	144.938.763	179.273.500	143.489.010	173.462.712	165.408.407	144.938.763	144.938.763	155.173.585	155.173.585	155.173.585
	L2-040	ESPECTROFOTOMETRO UV Vis UV-730	1	56.578.043				38.846.449	41.131.535		39.988.992	79.977.984	56.528.042	85.461.040	89.502.230	77.163.767	39.988.992	39.988.992	58.576.380	58.576.380	58.576.380
	L2-041	BIORREACTOR 7 L CON BIOCONTROLADOR BIOBUNDLE	1	256.000.213				192.482.712	213.179.777		202.831.245	202.831.245	256.000.213	211.730.750	231.939.598	233.223.520	202.831.245	202.831.245	218.027.382	218.027.382	218.027.382
	L2-042	MINIBIORREACTOR 500 ML CON BIOCONTROLADOR	1	173.487.874				182.339.571	138.858.596		177.913.722	177.913.722	173.487.874	200.573.310	151.078.153	175.046.446	177.913.722	177.913.722	176.480.084	176.480.084	176.480.084
	L2-043	ANALIZADOR TÉRMICO SIMULTANEO	1	357.894.030				347.219.538	318.284.576		341.132.715	341.132.715	357.894.030	381.941.210	346.293.619	362.042.953	341.132.715	341.132.715	351.587.834	351.587.834	351.587.834
	L2-044	CROMATOGRAFO LIQUIDO DE ALTA EFICIENCIA HPLC LC-4000	1	341.699.592				221.005.409	303.882.436		322.791.014	322.791.014	341.699.592	243.106.290	330.624.091	305.143.324	322.791.014	322.791.014	313.967.169	313.967.169	313.967.169
L3 - SISTEMAS	L3-045	Workstation de mesa para captura de movimiento y trabajo profesional en procesamiento gráfico.	2	23.632.643				23.751.296			23.441.969	140.651.817	26.742.364			26.742.364	23.441.969	46.883.939	25.092.167	50.184.334	50.184.334
	L3-046	COMPUTADOR DE MESA Procesador Core I7	10	13.163.661				12.798.878			12.981.270	259.625.394	14.854.804			14.854.804	12.981.270	129.812.697	13.918.037	139.180.370	139.180.370
	L3-047	COMPUTADOR WORKSTATION PORTATIL	2	23.632.810				15.174.411			15.174.411	30.348.822	18.305.232			18.305.232	15.174.411	30.348.822	16.739.822	33.479.643	33.479.643
	L3-048	Computador de mesa iMac 27" Pro	2	43.052.915				14.184.022			14.184.022	28.368.043	36.362.678			36.362.678	14.184.022	28.368.043	25.273.350	50.546.699	50.546.699
	L3-049	Computador de mesa iMac 21,5"	8	9.539.783				9.349.824			9.444.803	75.558.426	10.561.840			10.561.840	9.444.803	75.558.426	10.003.322	80.026.574	80.026.574
	L3-050	Dron Vehiculo de vuelo cuadcóptero	2	7.650.410				16.455.701			7.650.410	15.300.820	20.504.338			20.504.338	7.650.410	15.300.820	14.077.374	28.154.748	28.154.748
	L3-051	Tableta para desarrollo de aplicaciones móviles con wifi	4	5.525.579				5.436.413			5.480.997	21.923.989	5.525.578			5.525.578	5.480.997	21.923.989	5.503.288	22.013.151	22.013.151
	L3-052	Monitor interactivo para diseño gráfico pantalla de 24"	6	19.358.325				15.846.230			17.602.278	105.613.666	19.358.325			19.358.325	17.602.278	105.613.666	18.480.301	110.881.808	110.881.808
	L3-053	Lentes de realidad virtual RIFTS	2	3.716.798				4.266.293			3.991.546	7.983.091	4.336.265			4.336.265	3.991.546	7.983.091	4.163.905	8.327.810	8.327.810
	L3-054	Visor de realidad virtual Vive Cosmos	2	8.053.063				7.923.115			7.988.089	15.976.178	8.053.063			8.053.063	7.988.089	15.976.178	8.020.576	16.041.152	16.041.152
	L3-055	Gafas de realidad aumentada Microsoft Holo Lens	2	27.295.738				26.854.790			27.075.014	54.150.028	27.295.738			27.295.738	27.075.014	54.150.028	27.185.126	54.370.252	54.370.252
	L3-056	Cámara de video semiprofesional 4K ultra HD Handy Cam Camcorder	2	7.921.427				7.793.603			7.857.515	15.715.029	7.921.427			7.921.427	7.857.515	15.715.029	7.889.471	15.778.941	15.778.941

Lote		Equipo	nuevas cantidades	Cotización N° 1	Cotización N°2	Cotización N° 3	Cotización N° 4	Histórico N° 1	Histórico N° 2	Histórico N° 3	Valor unitario	Valor Total	HISTORICO GOBERNACION N N°1	HISTORICO GOBERNACION N N°2	HISTORICO GOBERNACION N°3	Histórico unitario promedio Gobernación	Valor unitario	Valor Total	PROMEDIO UNITARIO GOBERNACIÓN Y SENA	TOTAL GOBERNACIÓN Y SENA	COSTO TOTAL
	L3-057	Cámara fotográfica profesional Réflex D5600	2	6.194.664				6.094.704			6.144.684	12.289.368	6.194.664			6.194.664	6.144.684	12.289.368	6.169.674	12.339.348	12.339.348
	L3-058	Mouse 3d Connexion SpaceMouse	4	1.084.066				3.791.210			1.084.066	4.336.265	1.858.399			1.858.399	1.084.066	4.336.265	1.471.233	5.884.931	5.884.931
L4 - ELECTRÓNICA Y ROBÓTICA	L4-059	PAQUETE DE ENTRENAMIENTO DE AUTOMATIZACIÓN ESTRUCTURA METALICA / ENTRADAS DIGITALES / ANALOGICAS, SALIDAS DIGITALES / ANALOGICAS - SISTEMA AVANZADO DE ENTRENAMIENTO PLC	1				93.060.142	$97.605.942	$96.727.489	$97.703.548	96.274.280	96.274.280	107.315.390	107.744.652	106.349.551	107.136.531	96.274.280	96.274.280	101.705.406	101.705.406	101.705.406
	L4-060	PAQUETE DE ENTRENAMIENTO EN SENSORES Y TRANSDUCTORES	1				50.210.741	$56.823.214	$56.482.274	$57.050.506	55.141.684	55.141.684	62.883.170	63.449.119	63.323.352	63.218.547	55.141.684	55.141.684	59.180.115	59.180.115	59.180.115
	L4-061	PAQUETE DE ENTRENAMIENTO EN MICROAUTOMATIZACIÓN GAMA ALTA	1				103.347.573	$101.752.735	$100.236.445	$102.465.005	101.947.940	101.947.940	106.308.769	106.946.622	106.734.004	106.663.132	101.947.940	101.947.940	104.305.536	104.305.536	104.305.536
	L4-062	EQUIPO CNC PARA TALADRO, RUTEADO Y FRESADO	1				150.141.467	$150.610.089	$150.911.309	$150.760.699	150.605.891	150.605.891	175.467.285	176.695.557	175.818.220	175.993.687	150.605.891	150.605.891	163.299.789	163.299.789	163.299.789
	L4-063	FILMSTAR FOTOPLOTTER	1				108.389.246	$108.389.246	$108.172.467	$108.822.803	108.443.441	108.443.441	125.543.929	126.422.737	126.548.281	126.171.649	108.443.441	108.443.441	117.307.545	117.307.545	117.307.545
	L4-064	SPLASH EQUIPO PARA REVELADO POR ASPERSIÓN	1				42.589.386	$42.314.298	$41.961.012	$42.509.798	42.318.624	42.318.624	49.057.155	49.498.670	49.253.384	49.269.736	42.318.624	42.318.624	45.794.180	45.794.180	45.794.180
	L4-065	FUENTE DE ALIMENTACION DE CORRIENTE CONTINUA DC	3				2.361.793	$2.361.793	$2.340.537	$2.371.240	2.358.841	7.076.522	2.931.327	2.943.052	2.951.846	2.942.075	2.358.841	7.076.522	2.650.458	7.951.374	7.951.374
	L4-066	GENERADOR DE FUNCIONES	1				7.633.731	$7.633.731	$7.648.999	$7.641.365	7.639.457	7.639.457	9.474.542	9.559.813	9.512.440	9.515.598	7.639.457	7.639.457	8.577.527	8.577.527	8.577.527
	L4-067	OSCILOSCOPIO DIGITAL 200MHZ	2				8.562.288	$8.562.288	$8.433.854	$8.596.537	8.538.742	17.077.484	10.627.057	10.669.565	10.701.446	10.666.023	8.538.742	17.077.484	9.602.342	19.204.765	19.204.765
	L4-067	OSCILOSCOPIO DIGITAL PORTATIL, 200MHz	2				10.919.083	$10.919.083	$10.820.812	$10.995.517	10.913.624	21.827.248	13.552.077	13.633.390	13.606.285	13.597.251	10.913.624	21.827.248	12.255.437	24.510.874	24.510.874
	L4-068	FUENTE DE PODER DUAL	3				2.087.974	$2.087.974	$2.075.446	$2.102.590	2.088.496	6.265.488	2.591.463	2.614.786	2.596.646	2.600.965	2.088.496	6.265.488	2.344.731	7.034.192	7.034.192
	L4-070	MULTIMETRO DE MANO / RANGO MANUAL	3				617.491	617.491	608.229	618.109	615.330	1.845.990	766.360	769.425	772.491	769.425	615.330	1.845.990	692.378	2.077.133	2.077.133
	L4-071	MULTIMETRO DE MANO / RANGO MANUAL-AUTOMATICO	3				783.139	783.139	776.091	789.404	782.943	2.348.830	971.992	977.824	975.880	975.232	782.943	2.348.830	879.088	2.637.263	2.637.263
	L4-072	COMPRESOR DE AIRE DE PASO SECO DE ALTO RENDIMIENTO	1				9.962.323	$9.962.323	$9.982.247	$10.042.022	9.987.229	9.987.229	12.220.110	12.268.990	12.244.550	12.244.550	9.987.229	9.987.229	11.115.889	11.115.889	11.115.889
	L4-073	PAQUETE COMPLETO DE COMUNICACIONES WIFI	2				12.543.017	$11.150.895	$10.983.632	$11.142.046	11.459.898	22.919.795	13.678.455	13.760.526	13.733.170	13.724.050	11.459.898	22.919.795	12.591.974	25.183.948	25.183.948
	L4-074	ACCES POINT AIRONET	1				7.038.850	$6.987.918	$7.001.893	$7.036.833	7.016.374	7.016.374	8.571.570	8.605.656	8.588.713	8.588.713	7.016.374	7.016.374	7.802.543	7.802.543	7.802.543
	L4-075	SWITCH 24 PUERTOS	1				20.396.719	$19.109.972	$19.148.192	$19.243.742	19.474.656	19.474.656	23.827.965	23.970.933	23.875.621	23.891.506	19.474.656	19.474.656	21.683.081	21.683.081	21.683.081
	L4-076	MALETIN KIT DE HERRAMIENTAS PARA MANTENIMIENTO DE REDES DE DATOS 50 PIEZAS	1				606.543	638.078	628.507	640.631	628.440	628.440	638.078	643.821	640.631	640.843	628.440	628.440	634.641	634.641	634.641
	L4-077	PAQUETE DE DESARROLLO SISTEMAS EMBEBIDOS	1				33.736.976	$33.482.673	$33.181.329	$33.516.156	33.479.284	33.479.284	37.291.387	37.515.136	37.589.718	37.465.413	33.479.284	33.479.284	35.472.348	35.472.348	35.472.348
	L4-078	VARIADOR ELECTRÓNICO A 220V, 2 HP PROFINET - INCLUYE MODULO DE POTENCIA Y UNIDAD DE CONTROL	1				5.289.550	$4.701.571	$4.710.974	$4.734.483	4.859.144	4.859.144	4.913.082	4.956.291	4.951.378	4.939.917	4.859.144	4.859.144	4.899.531	4.899.531	4.899.531
	L4-079	SUPERKIT ROBOTICO DE COMPETENCIA	4				21.265.181	$21.265.181	$21.307.712	$21.350.242	21.297.079	85.188.316	21.980.847	22.112.732	22.024.809	22.039.463	21.297.079	85.188.316	21.668.271	86.673.083	86.673.083
	L4-080	KIT DE ROBOTICA IQ	4				7.530.915	$7.530.915	$7.463.137	$7.538.447	7.515.854	30.063.414	7.784.266	7.854.324	7.838.756	7.825.782	7.515.854	30.063.414	7.670.818	30.683.271	30.683.271
L5 - MAQUINARIA INDUSTRIAL	L5-081	IMPRESORA VOLUMEN DE IMPRESIÓN 30X20X44 CM	2				39.815.020	39.757.543	39.438.687	40.235.428	39.811.670	159.246.678	43.491.049	43.296.246	43.556.023	43.447.773	39.811.670	79.623.339	41.629.721	83.259.442	83.259.442
	L5-082	IMPRESORA 3D DE TECNOLOGÍA CON DOBLE EXTRUSOR	2				15.536.997	15.301.139	15.117.327	15.469.605	15.356.267	30.712.534	16.754.724	16.663.094	16.746.394	16.721.404	15.356.267	30.712.534	16.038.835	32.077.671	32.077.671
	L5-083	IMPRESORA 3D DE TECNOLOGÍA DLP PARA PROTOTIPOS PROFESIONALES DE ALTA RESOLUCIÓN DE LA CAPA DE 25 -100 MICRAS	5				8.867.523	9.057.566	9.030.031	9.193.883	9.037.351	54.223.504	9.917.936	9.863.672	9.922.815	9.901.474	9.037.351	45.186.253	9.469.362	47.346.812	47.346.812
	L5-084	ESCANER 3D PORTÁTIL	1				69.516.111	78.840.118	79.392.787	80.026.662	76.943.920	76.943.920	86.243.703	85.857.310	86.286.543	86.129.185	76.943.920	76.943.920	81.536.552	81.536.552	81.536.552
	L5-085	SOLDADOR MULIPROCESOS, INCLUYE UNICA CASA DE HERRAMIENTAS CON CONTROL DE ACCESO	2				49.128.793	31.835.118	31.771.194	32.217.776	36.238.220	72.476.440	41.868.365	41.639.290	41.889.071	41.798.909	36.238.220	72.476.440	39.018.564	78.037.129	78.037.129
	L5-086	MÁQUINA DE CORTE PLASMA (MATERIALES METÁLICOS)	1				68.089.063	69.522.537	69.171.448	70.568.852	69.337.975	69.337.975	75.395.107	75.256.433	75.632.711	75.494.750	69.337.975	69.337.975	72.416.363	72.416.363	72.416.363
	L5-087	MÁQUINA DE CORTE LÁSER (MATERIALES LIVIANOS - CABINA CERRADA)	1				41.479.592	42.800.849	42.884.952	43.531.460	42.674.213	42.674.213	45.349.115	45.101.000	45.371.606	45.273.907	42.674.213	42.674.213	43.974.060	43.974.060	43.974.060
	L5-088	ELECTROEROSIONADORA POR PENETRACIÓN	1				137.083.002	138.868.716	139.981.333	140.537.918	139.117.742	139.117.742	160.655.712	159.936.000	160.735.680	160.442.464	139.117.742	139.117.742	149.780.103	149.780.103	149.780.103
	L5-089	SISTEMA DE AIRE COMPRIMIDO (SECADOR, PULMÓN, COMPRESOR, PREFILTRO, POSFILTRO)	1				84.029.827	87.245.683	88.032.640	88.558.731	86.966.720	86.966.720	110.618.830	110.013.715	110.673.808	110.435.451	86.966.720	86.966.720	98.701.086	98.701.086	98.701.086
	L5-090	EXTRACTOR DE HUMOS PORTATIL PARA SOLDADURA	1				13.106.422	12.460.371	12.422.117	12.673.069	12.665.495	12.665.495	13.862.191	13.800.073	13.869.093	13.843.786	12.665.495	12.665.495	13.254.640	13.254.640	13.254.640
	L5-091	SISTEMA DE CORTE PLASMA PORTÁTIL	1				23.070.411	23.556.169	23.366.189	23.910.690	23.475.865	23.475.865	25.639.145	25.498.844	25.651.878	25.596.622	23.475.865	23.475.865	24.536.244	24.536.244	24.536.244
																			PRESUPUESTO OFICIAL ESTIMADO	6.068.431.344	6.068.431.344

Elaborado por:

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ESTUDIO DE MERCADO GOBERNACIÓN

Final Audit Report 2020-10-15

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