ALCALDÍA MAYOR DE BOGOTÁ
Secretaría General
Oficina de Tecnologías de la Información y las Comunicaciones

La Oficina de Tecnologías de la Información y las Comunicaciones de la Secretaría General de la Alcaldía Mayor de Bogotá D.C, efectuó la consulta de precios en el mercado para adelantar el proceso de contratación a través de la modalidad de selección abreviada subasta inversa

Objeto contractual: Prestación de servicios de mantenimiento preventivo y correctivo, con bolsa de repuestos, para las UPS's que se encuentran instaladas en las sedes de la Secretaría General.

Para tal efecto se dio a conocer al mercado, condiciones y especificaciones técnicas de los servicios requeridos para el presente proceso, la consulta se realizo a través de:

MEDIO	CANTIDAD
Secop II	0
Correo Electrónico	30
Comunicación Escrita	0
Archivos Históricos de la Entidad (contratos o procesos años anteriores)	0

ESTUDIO DE MERCADO

ITEM 1. MANTENIMIENTO DE UPS / DESCRIPCIÓN: SERVICIOS DE MANTENIMIENTO PREVENTIVO Y CORRECTIVO, CON BOLSA DE RESPUESTOS / ESPECIFICACIONES

OFERTA ECONÓMICA ESPECIFICACIONES						ASSERV SAS				ABCONTROL INGENIERIA SAS				SISELCOM SISTEMAS ELECTRICOS Y DE COMUNICACIONES SAS				R y M ENERGIA y CONECTIVIDAD SAS				HISTORICO CONTRATO 4264000-656-2022				VALOR TECHO			
ITEM	SEDE	DIRECCIÓN	UPS	UNIDAD DE MEDIDA	CANTIDADES (JORNADAS DE MANTENIMIENTO)	VALOR UNITARIO	IVA	VALOR UNITARIO INCLUIDO IVA	VALOR TOTAL INCLUIDO IVA	VALOR UNITARIO	IVA	VALOR UNITARIO INCLUIDO IVA	VALOR TOTAL INCLUIDO IVA	VALOR UNITARIO	IVA	VALOR UNITARIO INCLUIDO IVA	VALOR TOTAL INCLUIDO IVA	VALOR UNITARIO	IVA	VALOR UNITARIO INCLUIDO IVA	VALOR TOTAL INCLUIDO IVA	VALOR UNITARIO ADJUDICADO	$MMLV 2022 (16%)	VALOR UNITARIO	IVA	VALOR UNITARIO INCLUIDO IVA	VALOR UNITARIO INCLUIDO IVA	VALOR UNITARIO Antes de IVA	TARIFA IVA %	VALOR UNITARIO INCLUIDO IVA	VALOR TOTAL INCLUIDO IVA
1	Imprenta Distrital	Calle 11 Sur No. 1-60 Este	TRIPPLITE - SU30K3/3 - 30 KVA	UNIDAD	3	$650.000	$123.500	$773.500	$2.320.500	$475.869	$90.415	$566.284	$1.698.852	$768.000	$145.920	$913.920	$2.741.760	$345.000	$65.550	$410.550	$1.231.650	$410.000	$65.600	$475.600	$90.364	$565.964	$1.697.892	$502.860	$ 95.543	$598.403	$1.795.209
2	Manzana Liévano	Cra 8 No. 10-65	MGE SYSTEMS - GALAXY 4000 - 65KVA	UNIDAD	3	$1.200.000	$228.000	$1.428.000	$4.284.000	$661.072	$125.604	$786.676	$2.360.028	$1.248.000	$237.120	$1.485.120	$4.455.360	$883.333	$129.833	$813.166	$2.439.498	$330.168	$52.827	$382.995	$72.769	$455.764	$1.367.292	$692.355	$ 131.547	$823.902	$2.471.706
3	Manzana Liévano	Cra 8 No. 10-65	MGE SYSTEMS - GALAXY 4000 - 65KVA	UNIDAD	3	$1.200.000	$228.000	$1.428.000	$4.284.000	$661.072	$125.604	$786.676	$2.360.028	$1.248.000	$237.120	$1.485.120	$4.455.360	$883.333	$129.833	$813.166	$2.439.498	$330.168	$52.827	$382.995	$72.769	$455.764	$1.367.292	$692.355	$ 131.547	$823.902	$2.471.706
4	Manzana Liévano	Cra 8 No. 10-65	EATON - 9355 - 30KVA	UNIDAD	3	$650.000	$123.500	$773.500	$2.320.500	$475.869	$90.415	$566.284	$1.698.852	$768.000	$145.920	$913.920	$2.741.760	$344.708	$50.353	$365.059	$69.361	$434.420	$1.303.260	$502.529	$ 95.481	$598.010	$1.794.030
5	Manzana Liévano	Cra 8 No. 10-65	EATON - 9355 - 30KVA	UNIDAD	3	$650.000	$123.500	$773.500	$2.320.500	$475.869	$90.415	$566.284	$1.698.852	$768.000	$145.920	$913.920	$2.741.760	$344.708	$50.353	$365.059	$69.361	$434.420	$1.303.260	$502.529	$ 95.481	$598.010	$1.794.030
6	Manzana Liévano	Cra 8 No. 10-65	EATON - BLADE - 10KVA	UNIDAD	3	$500.000	$104.500	$604.500	$1.963.500	$306.100	$58.159	$364.259	$1.092.776	$430.000	$81.700	$511.700	$1.535.100	$288.333	$50.983	$339.316	$957.948	$311.849	$49.896	$361.745	$68.731	$430.476	$1.291.427	$359.667	$ 68.337	$428.004	$1.284.012
7	Manzana Liévano	Cra 8 No. 10-65	LIEBERT NXA EMERSON - 80KVA	UNIDAD	3	$1.650.000	$313.500	$1.963.500	$5.890.500	$769.107	$146.130	$915.237	$2.745.711	$1.356.000	$257.640	$1.613.640	$4.840.920	$864.667	$164.687	$1.031.334	$3.094.001	$700.000	$112.000	$812.000	$154.280	$966.280	$2.898.840	$994.213	$ 188.900	$1.183.113	$3.549.339
8	Manzana Liévano	Cra 8 No. 10-65	POWEST - TITAN - 6K / 6KVA	UNIDAD	3	$380.000	$72.200	$452.200	$1.356.600	$198.064	$37.632	$235.696	$707.088	$336.000	$63.840	$399.840	$1.199.520	$153.333	$29.133	$182.466	$547.398	$120.672	$19.308	$139.980	$26.596	$166.576	$499.727	$205.573	$ 39.059	$244.632	$733.896
9	Manzana Liévano	Cra 8 No. 10-65	POWEST - TITAN - 3 KVA	UNIDAD	3	$290.000	$55.100	$345.100	$1.035.300	$120.896	$22.970	$143.866	$431.598	$300.000	$57.000	$357.000	$1.071.000	$115.000	$21.850	$136.850	$410.550	$117.143	$18.743	$135.886	$25.818	$161.704	$485.111	$160.731	$ 30.539	$191.270	$573.810
10	Manzana Liévano	Cra 8 No. 10-65	POWEST - TITAN - 3 KVA	UNIDAD	3	$290.000	$55.100	$345.100	$1.035.300	$120.896	$22.970	$143.866	$431.598	$300.000	$57.000	$357.000	$1.071.000	$115.000	$21.850	$136.850	$410.550	$117.143	$18.743	$135.886	$25.818	$161.704	$485.111	$160.731	$ 30.539	$191.270	$573.810
11	Manzana Liévano	Cra 8 No. 10-65	POWEST - TITAN - 3 KVA	UNIDAD	3	$290.000	$55.100	$345.100	$1.035.300	$120.896	$22.970	$143.866	$431.598	$300.000	$57.000	$357.000	$1.071.000	$115.000	$21.850	$136.850	$410.550	$117.143	$18.743	$135.886	$25.818	$161.704	$485.111	$160.731	$ 30.539	$191.270	$573.810
12	Sede Tequendama	Suites Tequendama Piso 27	POWEST - TITAN EA 9920 - 20KVA	UNIDAD	3	$550.000	$104.500	$654.500	$1.963.500	$475.869	$90.415	$566.284	$1.698.852	$696.000	$132.240	$828.240	$2.484.720	$345.000	$65.550	$410.550	$1.231.650	$390.588	$62.494	$453.082	$86.086	$539.168	$1.617.504	$477.918	$ 90.804	$568.722	$1.706.166
13	Centro de Memoria	Cra. 19b No. 24-82	POWEST - TITAN - 3 KVA	UNIDAD	3	$290.000	$55.100	$345.100	$1.035.300	$120.896	$22.970	$143.866	$431.598	$300.000	$57.000	$357.000	$1.071.000	$115.000	$21.850	$136.850	$410.550	$117.143	$18.743	$135.886	$25.818	$161.704	$485.111	$160.731	$ 30.539	$191.270	$573.810
14	Centro de Memoria	Cra. 19b No. 24-82	TITAN - HT3320KLS - 20 KVA	UNIDAD	3	$550.000	$104.500	$654.500	$1.963.500	$475.869	$90.415	$566.284	$1.698.852	$696.000	$132.240	$828.240	$2.484.720	$345.000	$65.550	$410.550	$1.231.650	$416.593	$66.645	$483.203	$91.809	$575.012	$1.725.037	$494.287	$ 92.015	$576.302	$1.728.906
15	Centro de Memoria	Cra. 19b No. 24-82	TITAN - 15 KVA	UNIDAD	3	$550.000	$104.500	$654.500	$1.963.500	$306.100	$58.159	$364.259	$1.092.776	$545.000	$103.550	$648.550	$1.945.650	$288.333	$50.983	$339.316	$957.948	$282.191	$45.136	$327.237	$62.175	$389.412	$1.168.236	$364.895	$ 69.330	$434.225	$1.302.675
16	CADE Candelaria	Calle 60 A Sur No. 28-80	TRIPPLITE - SU20K3/3 - 20KVA	UNIDAD	3	$550.000	$104.500	$654.500	$1.963.500	$475.869	$90.415	$566.284	$1.698.852	$696.000	$132.240	$828.240	$2.484.720	$345.000	$65.550	$410.550	$1.231.650	$367.395	$58.783	$426.178	$80.974	$507.152	$1.521.456	$471.637	$ 89.611	$561.248	$1.683.744
17	CADE La Victoria	Diagonal 37 Sur No 2 - 00 Este	EATON - POWERWARE 9155 - 15KVA	UNIDAD	3	$550.000	$104.500	$654.500	$1.963.500	$306.100	$58.159	$364.259	$1.092.776	$545.000	$103.550	$648.550	$1.945.650	$288.333	$50.983	$339.316	$957.948	$287.227	$45.956	$333.183	$63.305	$396.488	$1.189.464	$366.354	$ 69.607	$435.961	$1.307.883
18	CADE Fontibón	Diagonal 16 No. 104-51	POWEST - TITAN EA 9920 - 20KVA	UNIDAD	3	$550.000	$104.500	$654.500	$1.963.500	$475.869	$90.415	$566.284	$1.698.852	$696.000	$132.240	$828.240	$2.484.720	$345.000	$65.550	$410.550	$1.231.650	$390.588	$62.494	$453.082	$86.086	$539.168	$1.617.504	$477.918	$ 90.804	$568.722	$1.706.166
19	CADE Kennedy	Carrera 79K No. 36 - 65	EATON - POWERWARE 9155 - 15KVA	UNIDAD	3	$550.000	$104.500	$654.500	$1.963.500	$306.100	$58.159	$364.259	$1.092.776	$545.000	$103.550	$648.550	$1.945.650	$288.333	$50.983	$339.316	$957.948	$287.227	$45.956	$333.183	$63.305	$396.488	$1.189.464	$366.354	$ 69.607	$435.961	$1.307.883
20	CADE La Gaitana	Transversal 126 No. 133-32	TRIPPLITE - SU20K3/3 - 20KVA	UNIDAD	3	$550.000	$104.500	$654.500	$1.963.500	$475.869	$90.415	$566.284	$1.698.852	$696.000	$132.240	$828.240	$2.484.725	$345.000	$65.550	$410.550	$1.231.650	$367.395	$58.783	$426.178	$80.974	$507.152	$1.521.456	$471.637	$ 89.611	$561.248	$1.683.744
21	CADE Lucerna / CE Ciudad Bolivar	Carrera 17 F No. 69 A-32 Sur	ATSEI - RNIUM F1 - 10KVA	UNIDAD	3	$380.000	$72.200	$452.200	$1.356.600	$198.064	$37.632	$235.696	$707.088	$420.000	$79.800	$499.800	$1.499.400	$210.833	$40.058	$250.891	$752.674	$210.000	$33.600	$243.600	$46.284	$289.884	$869.652	$264.416	$ 50.239	$314.655	$943.965
22	CADE Muzú	Autopista Sur No. 48 - 10	EATON - POWERWARE 9155 - 15KVA	UNIDAD	3	$550.000	$104.500	$654.500	$1.963.500	$306.100	$58.159	$364.259	$1.092.776	$545.000	$103.550	$648.550	$1.945.650	$288.333	$50.983	$339.316	$957.948	$287.227	$45.956	$333.183	$63.305	$396.488	$1.189.464	$366.354	$ 69.607	$435.961	$1.307.883
23	CADE Pablo Borrás / CE	Carrera 87 No. 5B-21	NEW LINE POWER BACK - 10KVA	UNIDAD	3	$380.000	$72.200	$452.200	$1.356.600	$198.064	$37.632	$235.696	$707.088	$420.000	$79.800	$499.800	$1.499.400	$210.833	$40.058	$250.891	$752.674	$225.798	$36.128	$261.926	$49.766	$311.692	$935.076	$268.495	$ 51.014	$319.509	$958.527
24	CADE Plaza de las Américas	Carrera 71 D No. 6-94 sur	POWERWARE - 9120 - 3KVA	UNIDAD	3	$290.000	$55.100	$345.100	$1.035.300	$120.896	$22.970	$143.866	$431.598	$300.000	$57.000	$357.000	$1.071.000	$115.000	$21.850	$136.850	$410.550	$129.244	$20.679	$149.923	$28.485	$178.408	$535.223	$164.371	$ 31.230	$195.601	$586.803
25	CADE Santa Helenita	Carrera 84 Bis No. 71 B-53	TRIPPLITE - SU20K3/3 - 20KVA	UNIDAD	3	$550.000	$104.500	$654.500	$1.963.500	$475.869	$90.415	$566.284	$1.698.852	$696.000	$132.240	$828.240	$2.484.725	$345.000	$65.550	$410.550	$1.231.650	$367.395	$58.783	$426.178	$80.974	$507.152	$1.521.456	$471.637	$ 89.611	$561.248	$1.683.744
26	CADE Santa Lucía	Avenida Caracas No. 41B - 30 Sur	POWEST - EA9920 / 20 KVA	UNIDAD	3	$550.000	$104.500	$654.500	$1.963.500	$475.869	$90.415	$566.284	$1.698.852	$696.000	$132.240	$828.240	$2.484.725	$345.000	$65.550	$410.550	$1.231.650	$348.319	$55.731	$404.050	$76.770	$480.820	$1.442.461	$465.989	$ 88.538	$554.527	$1.663.581
27	CADE Servitá	Calle 165 No. 7-52	TRIPPLITE - SU20K3/3 - 20KVA	UNIDAD	3	$550.000	$104.500	$654.500	$1.963.500	$475.869	$90.415	$566.284	$1.698.852	$696.000	$132.240	$828.240	$2.484.725	$345.000	$65.550	$410.550	$1.231.650	$367.395	$58.783	$426.178	$80.974	$507.152	$1.521.456	$471.637	$ 89.611	$561.248	$1.683.744
28	CADE Toberín	Carrera 21 N 169 - 62	EATON - POWERWARE 9155 - 15KVA	UNIDAD	3	$550.000	$104.500	$654.500	$1.963.500	$306.100	$58.159	$364.259	$1.092.776	$545.000	$103.550	$648.550	$1.945.650	$288.333	$50.983	$339.316	$957.948	$287.227	$45.956	$333.183	$63.305	$396.488	$1.189.464	$366.354	$ 69.607	$435.961	$1.307.883
29	CADE Tunal	Calle 47 B sur No. 24b - 33	EATON - POWERWARE 9155 - 15KVA	UNIDAD	3	$550.000	$104.500	$654.500	$1.963.500	$306.100	$58.159	$364.259	$1.092.776	$545.000	$103.550	$648.550	$1.945.650	$288.333	$50.983	$339.316	$957.948	$287.227	$45.956	$333.183	$63.305	$396.488	$1.189.464	$366.354	$ 69.607	$435.961	$1.307.883
30	CADE Yomasa	Calle 78 sur No. 1 - 67 este	EATON - POWERWARE 9155 - 15KVA	UNIDAD	3	$550.000	$104.500	$654.500	$1.963.500	$306.100	$58.159	$364.259	$1.092.776	$545.000	$103.550	$648.550	$1.945.650	$288.333	$50.983	$339.316	$957.948	$287.227	$45.956	$333.183	$63.305	$396.488	$1.189.464	$366.354	$ 69.607	$435.961	$1.307.883
31	CE Bosa	Calle 69 A Sur No. 92-47	POWEST - TITAN - 6K / 6KVA	UNIDAD	3	$380.000	$72.200	$452.200	$1.356.600	$198.064	$37.632	$235.696	$707.088	$336.000	$63.840	$399.840	$1.199.520	$153.333	$29.133	$182.466	$547.398	$120.672	$19.308	$139.980	$26.596	$166.576	$499.727	$205.573	$ 39.059	$244.632	$733.896
32	CE Rafael Uribe	Calle 22 Sur # 14A - 99	POWEST - EA9920 / 20 KVA	UNIDAD	3	$550.000	$104.500	$654.500	$1.963.500	$475.869	$90.415	$566.284	$1.698.852	$696.000	$132.240	$828.240	$2.484.725	$345.000	$65.550	$410.550	$1.231.650	$348.319	$55.731	$404.050	$76.770	$480.820	$1.442.461	$465.989	$ 88.538	$554.527	$1.663.581
33	CE Suba	Transversal 126 No. 133-32	POWEST - TITAN - 6K / 6KVA	UNIDAD	3	$380.000	$72.200	$452.200	$1.356.600	$198.064	$37.632	$235.696	$707.088	$336.000	$63.840	$399.840	$1.199.520	$153.333	$29.133	$182.466	$547.398	$120.672	$19.308	$139.980	$26.596	$166.576	$499.727	$205.573	$ 39.059	$244.632	$733.896
34	SCADE 20 de Julio	Carrera 5A N° 30 D 20 Sur	GAMATRONIC SP - MICRO UPS - 30KVA	UNIDAD	3	$650.000	$123.500	$773.500	$2.320.500	$475.869	$90.415	$566.284	$1.698.852	$768.000	$145.920	$913.920	$2.741.760	$345.000	$65.550	$410.550	$1.231.650	$445.042	$71.207	$516.249	$98.087	$614.336	$1.843.007	$511.375	$ 97.161	$608.536	$1.825.608
35	SCADE 20 de Julio	Carrera 5A N° 30 D 20 Sur	POWERCOM - ULTIMATE SERIES II - 10KVA	UNIDAD	3	$380.000	$72.200	$452.200	$1.356.600	$198.064	$37.632	$235.696	$707.088	$420.000	$79.800	$499.800	$1.499.400	$210.833	$40.058	$250.891	$752.674	$213.950	$34.232	$248.182	$47.154	$295.336	$886.007	$265.480	$ 50.441	$315.921	$947.763
36	SCADE Américas	Av.Cra.86 No.43-55 Sur	IPM POWER SYSTEM - IPM BALANCED - 60KVA	UNIDAD	3	$1.100.000	$209.000	$1.309.000	$3.927.000	$661.072	$125.604	$786.676	$2.360.028	$1.128.000	$214.320	$1.342.320	$4.026.960	$833.333	$120.333	$753.666	$2.260.998	$424.118	$67.859	$491.976	$93.475	$585.452	$1.756.357	$722.556	$ 137.286	$859.842	$2.579.526
37	SCADE Bosa	Av. Calle 57 R Sur No.72D 12	APC - SMART VT40 - 40KVA	UNIDAD	3	$850.000	$161.500	$1.011.500	$3.034.500	$661.072	$125.604	$786.676	$2.360.028	$1.020.000	$193.800	$1.213.800	$3.641.400	$536.667	$101.967	$638.634	$1.915.901	$556.050	$88.968	$645.018	$122.554	$767.572	$2.302.717	$705.890	$ 134.119	$840.009	$2.520.027
38	SCADE CAD Cra 30	Cra 30 No. 24-90	TITAN EA 9960 60 KVA	UNIDAD	3	$1.200.000	$228.000	$1.428.000	$4.284.000	$661.072	$125.604	$786.676	$2.360.028	$1.242.000	$235.980	$1.477.980	$4.433.940	$883.333	$129.833	$813.166	$2.439.498	$816.807	$130.689	$947.496	$180.024	$1.127.520	$3.382.559	$881.833	$ 167.548	$1.049.381	$3.148.143
39	SCADE CAD Cra 30	Cra 30 No. 24-90	ABB - POWERSCALE - 50KVA	UNIDAD	3	$1.100.000	$209.000	$1.309.000	$3.927.000	$661.072	$125.604	$786.676	$2.360.028	$1.128.000	$214.320	$1.342.320	$4.026.960	$833.333	$120.333	$753.666	$2.260.998	$659.748	$105.560	$765.308	$145.408	$910.716	$2.732.147	$807.243	$ 153.376	$960.619	$2.881.857
40	SCADE Calle 13	Calle 13 No. 37 -35	EATON - POWERWARE 9300 - 40KVA	UNIDAD	3	$850.000	$161.500	$1.011.500	$3.034.500	$661.072	$125.604	$786.676	$2.360.028	$1.020.000	$193.800	$1.213.800	$3.641.400	$536.667	$101.967	$638.634	$1.915.901	$556.050	$88.968	$645.018	$122.554	$767.572	$2.302.717	$705.890	$ 134.119	$840.009	$2.520.027
41	SCADE Engativá	Transversal 115B #66 - 54	POWEST - TITAN - 30 KVA	UNIDAD	3	$650.000	$123.500	$773.500	$2.320.500	$661.072	$125.604	$786.676	$2.360.028	$768.000	$145.920	$913.920	$2.741.760	$345.000	$65.550	$410.550	$1.231.650	$436.218	$68.195	$494.413	$93.939	$588.352	$1.765.057	$539.119	$ 102.433	$641.552	$1.924.656
42	SCADE Mantiles	Carrera 18 L No. 70B - 50 Sur	CSP - UPO3350HF - 50KVA	UNIDAD	3	$1.100.000	$209.000	$1.309.000	$3.927.000	$661.072	$125.604	$786.676	$2.360.028	$1.128.000	$214.320	$1.342.320	$4.026.960	$833.333	$120.333	$753.666	$2.260.998	$382.521	$61.203	$443.724	$84.308	$528.033	$1.584.097	$700.191	$ 133.036	$833.227	$2.499.681
43	SCADE Suba	Calle 146A No.105 – 95	GAMATRONIC - 40KVA 3.3/3 - 40KVA	UNIDAD	3	$850.000	$161.500	$1.011.500	$3.034.500	$661.072	$125.604	$786.676	$2.360.028	$1.020.000	$193.800	$1.213.800	$3.641.400	$536.667	$101.967	$638.634	$1.915.901	$556.050	$88.968	$645.018	$122.554	$767.572	$2.302.717	$705.890	$ 134.119	$840.009	$2.520.027
44	SCADE Social	Diagonal 23 No.69A - 55, módulo 5 Terminal de Transporte el Salitre	POWEST - TITAN - 6K / 6KVA	UNIDAD	3	$380.000	$72.200	$452.200	$1.356.600	$198.064	$37.632	$235.696	$707.088	$336.000	$63.840	$399.840	$1.199.520	$153.333	$29.133	$182.466	$547.398	$120.672	$19.308	$139.980	$26.596	$166.576	$499.727	$205.573	$ 39.059	$244.632	$733.896
			VALORES TOTALES				**$99.391.760**				**$64.260.892**				**$107.067.870**				**$53.034.506**				**$68.693.770**						**$70.600.815**

PRESUPUESTO OFICIAL SERVICIOS DE MANTENIMIENTO	**$70.600.815**
PRESUPUESTO OFICIAL BANCOS DE BATERIA Y BOLSA DE REPUESTOS	**$28.039.508**

NOTA 1: Para el presente proceso se remitió solicitud de cotización a 30 proveedores, de los cuales se recibieron respuesta de 4 proveedores.
NOTA 2:Teniendo en cuenta las características de la prestación del servicio, el área técnica determina como medida estadística la media aritmética.
NOTA 3: Como tercer valor de referencia se toma el valor histórico de la adjudicación del proceso SGA-SAS-012-2022, con el aumento del SMMLV correspondiente al 16 %, teniendo en cuenta que se traten de servicios, y que en su ejecución las actividades implican en su mayoría mano de obra.
NOTA 4: Se aclara que para algunas cotizaciones el ítem 44 no se encuentra en la sumatoria de los totales, por ende los valores pueden diferir de los formatos de cotización y el documento de estudio de mercado.
NOTA 5: Para el presente proceso se incluyen sede (1) UPS con el fin que realicen las jornadas de mantenimiento, debido a que se encuentran en funcionamiento y requieren de los mantenimientos.
NOTA 6: Para lo bancos de Baterías no se tiene en cuenta la cotización presentada por el proveedor ASSERV SAS, dado que el valor cotizado no permite la comparación objetiva de precios.
NOTA 7: Se toma el valor histórico de los bancos de baterías unitario indexado con el IPC de la vigencia 2022 que corresponde al 13,12%.

El presupuesto estimado para el presente proceso corresponde a la suma de NOVENTA Y OCHO MILLONES SEISCIENTOS CUARENTA MIL SEISCIENTOS VEINTITRES PESOS ($ 98.640.623)

Revisado por Rafael Londoño Cavanton	Revisado por: Jorge Tulio Cubillos Alzate	Elaborado por: Edgar Raul Camacho Rojas
Jefe del Área encargada: Jefe Oficina de Tecnologías de la Información y las Comunicaciones.	Subdirector Financiero Ivan Javier Gomez Mancera	Responsable de la elaboración Oficina de Tecnologías de la Información y las Comunicaciones
Fecha Mayo de 2023	Fecha	Fecha Mayo de 2023

ITEM 2. BANCOS DE BATERIAS / DESCRIPCIÓN: SUMINISTRO, INSTALACIÓN Y PUESTA EN FUNCIONAMIENTO DE BANCOS DE BATERÍAS / ESPECIFICACIONES																													
ESPECIFICACIONES						AQSERV SAS				ABCONTROL INGENIERIA SAS				SISELCOM SISTEMAS ELECTRICOS Y DE COMUNICACIONES SAS				R y M ENERGIA y CONECTIVIDAD SAS				HISTORICO CONTRATO 4204000-886-2022						VALOR TECHO			
ITEM	SEDE	DIRECCIÓN	BATERIAS	UNIDAD DE MEDIDA	CANTIDADES BATERIAS	VALOR UNITARIO	IVA	VALOR UNITARIO INCLUIDO IVA	VALOR TOTAL INCLUIDO IVA	VALOR UNITARIO	IVA	VALOR UNITARIO INCLUIDO IVA	VALOR TOTAL INCLUIDO IVA	VALOR UNITARIO	IVA	VALOR UNITARIO INCLUIDO IVA	VALOR TOTAL INCLUIDO IVA	VALOR UNITARIO	IVA	VALOR UNITARIO INCLUIDO IVA	VALOR TOTAL INCLUIDO IVA	VALOR UNITARIO ADJUDICADO	IPC 2022 (13,12%)	VALOR UNITARIO	IVA	VALOR UNITARIO INCLUIDO IVA	VALOR UNITARIO INCLUIDO IVA	VALOR UNITARIO Antes de IVA	TARIFA IVA %	VALOR UNITARIO INCLUIDO IVA	VALOR TOTAL INCLUIDO IVA
1	CADE Muzú	Autopista Sur No. 48 - 10	BATERIAS 12V / 9Ah EATON - POWERWARE 9155 - 15KVA	UNIDAD	32	$280.000	$53.200	$333.200	$10.662.400	$186.409	$35.418	$221.827	$7.098.458	$85.600	$16.264	$101.864	$3.259.648	$106.269	$20.191	$126.460	$4.046.712	$77.311	$10.143	$87.454	$16.616	$104.070	$3.330.244	$105.565	$ 20.057	$125.622	$4.019.904
2	CADE La Victoria	Diagonal 37 Sur No 2 - 00 Este	BATERIAS 12V / 9Ah EATON - POWERWARE 9155 - 15KVA	UNIDAD	32	$280.000	$53.200	$333.200	$10.662.400	$186.409	$35.418	$221.827	$7.098.458	$85.600	$16.264	$101.864	$3.259.648	$106.269	$20.191	$126.460	$4.046.712	$77.311	$10.143	$87.454	$16.616	$104.070	$3.330.244	$105.565	$ 20.057	$125.622	$4.019.904
VALORES TOTALES						$21.324.800				$14.196.916				$6.519.296				$8.093.424				$6.660.488						$8.039.808			
VALOR DEL PRESUPUESTO ÍTEM 2																												$8.039.808			