Villavicencio

Dirección de Apoyo a la Gestión

**SECRETARÍA DE DESARROLLO INTITUCIONAL**
ALCALDÍA DE VILLAVICENCIO

**ESTUDIO DE MERCADO** **Fecha:13/02/2023**

**OBJETO: MANTENIMIENTO PREVENTIVO Y CORRECTIVO A LOS EQUIPOS DE AIRE ACONDICIONADO DE LAS DISTINTAS DEPENDENCIAS DE LA ALCALDÍA DE VILLAVICENCIO.**

| ITEM | DESCRIPCION | UNIDAD DE MEDIDA | CANTIDAD | COTIZACION N° 1. SERVICIOS MANTENIMIENTO Y CONSULTORIA TECNICA S.A.S NIT.: 900724882-1 VALOR UNITARIO INCLUIDO IVA | | | | | | | COTIZACION N° 2 JORGE ARMANDO MALDONADO MAMIAN. NIT.: 860739801 VALOR UNITARIO INCLUIDO IVA | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TIPO MINI SPLIT 9.000 Y 12.000 BTU/HR | TIPO MINI SPLIT 18.000 BTU/HR | TIPO MINI SPLIT 24.000 BTU/HR | TIPO MINI SPLIT 34.000 Y/O 36.000 BTU/HR | TIPO CASETTE DE 54.000 BTU/HR | TIPO TECHO DE 60.000 BTU/HR | TIPO CENTRAL DE 180.000 BTU/HR | TIPO MINI SPLIT 9.000 Y 12.000 BTU/HR | TIPO MINI SPLIT 18.000 BTU/HR | TIPO MINI SPLIT 24.000 BTU/HR | TIPO MINI SPLIT 34.000 Y/O 36.000 BTU/HR | TIPO CASETTE DE 54.000 BTU/HR | TIPO TECHO DE 60.000 BTU/HR | TIPO CENTRAL DE 180.000 BTU/HR | TIPO MINI SPLIT 9.000 Y 12.000 BTU/HR |
| 1 | MANTENIMIENTO PREVENTIVO A LOS EQUIPOS DE AIRES ACONDICIONADOS DE LAS DISTINTAS DEPENDENCIAS DE LA ALCALDIA DE VILLAVICENIO. | UNIDAD | 1 | 200.900 | 200.900 | 200.900 | 200.900 | 200.900 | 200.900 | 200.900 | 195.450 | *195.450* | 195.450 | 195.450 | 195.450 | 195.450 | 195.450 | 218.919 |
| 2 | MANTENIMIENTO CORRECTIVO, DESMONTE Y MONTAJE | | | | | | | | | | | | | | | | | |
| 2,1 | DESMONTE DE EQUIPO DE AIRE ACONDICIONADO (UNIDAD MANEJADORA Y UNIDAD CONDENSADORA), NO INCLUYE DESMONTE DE TUBERIA DE COBRE QUE ESTE EMBEBIDA EN LA PARED. | UND | 1 | 172.655 | 172.655 | 172.655 | 172.655 | 279.672 | 279.673 | 393.694 | 175.945 | 175.945 | 175.945 | 175.945 | 285.000 | 285.000 | 401.200 | 183.014 |
| 2,2 | MONTAJE DE EQUIPO DE AIRE ACONDICIONADO (UNIDAD MANEJADORA Y UNIDAD CONDENSADORA) NO INCLUYE: TUBERIA DE COBRE, NI REFRIGERANTE | UND | 1 | 441.000 | 441.000 | 441.000 | 441.000 | 796.950 | 796.950 | 794.780 | 449.400 | 449.400 | 449.400 | 449.400 | 812.200 | 812.200 | 809.900 | 467.460 |
| 2,3 | PRESURIZADO CON NITROGENO | UND | 1 | 90.578 | 90.578 | 90.578 | 90.578 | 137.212 | 137.264 | 195.593 | 92.300 | 92.300 | 92.300 | 92.300 | 139.800 | 139.900 | 199.300 | 96.013 |
| 2,4 | PROCEDIMIENTO DE DETENCION Y CORRECCIÓN DE FUGA DE GAS REFRIGERANTE (INCLUYE SOLDADURA E IMPLEMENTOS PARA LA CORRECCIÓN DE LA FUGA) | UND | 1 | 173.740 | 173.740 | 186.536 | 186.536 | 287.798 | 287.798 | 287.791 | 177.000 | 177.000 | 190.000 | 190.000 | 293.000 | 293.000 | 293.000 | 184.164 |
| 2,5 | LIMPIEZA AL SISTEMA DE REFRIGERACION, INCLUYE: AGENTE LIMPIADOR 141B | UND | 1 | 186.536 | 186.536 | 209.853 | 209.853 | 314.700 | 314.700 | 314.780 | 177.000 | 177.000 | 190.000 | 190.000 | 293.000 | 293.000 | 293.000 | 197.728 |
| 2,6 | SISTEMA DE DRENAJE (INCLUYE TUBERIA PVC Y OBRA CIVIL CON RESANE, ESTUCO Y PINTURA BLANCA) | METRO | 1 | 183.820 | 179.760 | 199.377 | 199.377 | 283.731 | 283.731 | 283.731 | 187.000 | 187.000 | 187.000 | 187.000 | 187.000 | 187.000 | 187.000 | 194.849 |
| 3 | LISTADO DE REPUESTOS (INCLUYE DIAGNOSTICO, SUMINISTRO, INSTALACION Y PUESTA EN MARCHA) | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | |
| 3,1 | ASPA DE VENTILACION | UND | 1 | 247.113 | 247.113 | 247.113 | 247.113 | 271.558 | 271.558 | 338.667 | 251.800 | 251.800 | 251.800 | 251.800 | 276.700 | 276.700 | 345.000 | 261.939 |
| 3,2 | AISLAMIENTO TERMICO | METRO | 1 | 8.225 | 8.225 | 8.225 | 8.225 | 8.225 | 8.225 | 8.225 | 8.382 | 8.400 | 8.400 | 8.400 | 8.400 | 8.400 | 8.400 | 8.719 |
| 3,3 | BOMBA DE CONDENSADO | UND | 1 | 435.712 | 435.712 | 435.712 | 435.712 | 448.207 | 448.207 | 634.008 | 444.011 | 444.000 | 444.000 | 444.000 | 456.800 | 456.800 | 646.000 | 461.854 |
| 3,4 | BLOWER DE UNIDAD MANEJADORA | UND | 1 | 314.790 | 314.790 | 389 060 | 389.060 | 431.053 | 431.203 | 435.600 | 320.800 | 320.800 | 396.500 | 396.500 | 439.300 | 442.500 | 444.000 | 333.677 |
| 3,5 | BREIKER TOTALIZADOR | UND | 1 | 71.656 | 71.656 | 71.750 | 71.750 | 73.330 | 73.330 | 73.330 | 73.000 | 73.000 | 73.000 | 73.000 | 74.700 | 74.700 | 74.700 | 75.955 |
| 3,6 | CABLEADO ELECTRICO DE INTERCONEXION | METRO | 1 | 19.747 | 19.747 | 23.985 | 24.352 | 24.476 | 24.499 | 24.573 | 20.000 | 20.000 | 20.000 | 20.000 | 20.000 | 20.000 | 20.000 | 20.932 |
| 3,7 | CAPACITOR COMPRESOR | UND | 1 | 68.740 | 68.740 | 69.580 | 70.980 | 70.980 | 70.980 | 94.434 | 70.000 | 70.000 | 70.000 | 70.000 | 70.000 | 70.000 | 96.200 | 72.864 |
| 3,8 | CAPACITOR VENTILADOR | UND | 1 | 62.755 | 62.755 | 62.755 | 62.755 | 62.755 | 62.755 | 62.755 | 64.000 | 64.000 | 64.000 | 64.000 | 64.000 | 64.000 | 64.000 | 66.520 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3,9 | COMPRESOR | UND | 1 | [illegible].183 | 896.333 | 1.312.500 | 2.045.750 | 3.564.050 | 3.564.050 | [illegible]33.056 | 731.800 | 913.400 | 1.337.400 | 2.084.000 | 3.631.800 | 3.631.800 | 9.205.000 | 761.273 |
| 3,10 | CONTACTOR | UND | 1 | 61.790 | 58.293 | 58.293 | 58.293 | 58.293 | 58.293 | 58.293 | 62.900 | 62.900 | 62.900 | 62.900 | 62.900 | 62.900 | 62.900 | 65.497 |
| 3,11 | CONTROL REMOTO | UND | 1 | 93.954 | 93.954 | 93.954 | 93.954 | 93.954 | 93.954 | 93.954 | 95.700 | 95.700 | 95.700 | 95.700 | 95.700 | 95.700 | 95.700 | 99.591 |
| 3,12 | CORREA REPARTICION | UND | 1 | N/A | N/A | N/A | N/A | 169.048 | 169.048 | 229.672 | N/A | N/A | N/A | N/A | 172.000 | 172.000 | 234.000 | N/A |
| 3,13 | FAN RELAY | UND | 1 | 55.961 | 55.961 | 55.961 | 55.961 | 55.961 | 55.961 | 55.961 | 57.000 | 57.000 | 57.000 | 57.000 | 57.000 | 57.000 | 57.000 | 59.318 |
| 3,14 | FILTRO DE REFRIGERACION | UND | 1 | 25.357 | 25.357 | 25.357 | 25.357 | 25.357 | 25.357 | 25.357 | 25.800 | 25.800 | 25.800 | 25.800 | 25.800 | 25.800 | 25.800 | 26.879 |
| 3,15 | FILTRO RETONOR AIRE | UND | 1 | 110.756 | 110.756 | 110.756 | 110.756 | 110.756 | 110.756 | 110.756 | 112.900 | 112.900 | 112.900 | 112.900 | 112.900 | 112.900 | 112.900 | 117.401 |
| 3,16 | GUATA | METRO | 1 | N/A | N/A | N/A | N/A | N/A | N/A | 29.146 | N/A | N/A | N/A | N/A | N/A | N/A | 29.700 | N/A |
| 3,17 | MOTOR VENTILADOR CONDENSADOR | UND | 1 | 426.962 | 426.962 | 496.913 | 496.913 | 667.132 | 667.132 | 900.302 | 435.000 | 435.000 | 506.000 | 506.000 | 679.800 | 679.800 | 917.450 | 452.579 |
| 3,18 | MOTOR VENTILADOR EVAPORADOR | UND | 1 | 541.065 | 541.415 | 502.583 | 602.744 | 770.207 | 770.207 | 984.057 | 551.300 | 551.000 | 512.200 | 614.000 | 784.800 | 784.800 | 1.002.800 | 573.529 |
| 3,19 | PROTECTOR DE VOLTAJE | UND | 1 | 97.300 | 99.260 | 99.260 | 99.260 | 99.260 | 99.260 | 99.260 | 99.000 | 101.000 | 101.000 | 101.000 | 101.000 | 101.000 | 101.000 | 103.138 |
| 3,20 | PRESOSTATOS ALTA | UND | 1 | 102.595 | 102.595 | 102.595 | 102.595 | 102.595 | 102.595 | 102.595 | 104.500 | 104.500 | 104.500 | 104.500 | 104.500 | 104.500 | 104.500 | 108.750 |
| 3,21 | PRESOSTATOS BAJA | UND | 1 | 102.595 | 102.595 | 102.595 | 102.595 | 102.595 | 102.595 | 102.595 | 104.500 | 104.500 | 104.500 | 104.500 | 104.500 | 104.500 | 104.500 | 108.750 |
| 3,22 | RECARGA DE GAS REFRIGERANTE | KILO | 1 | 98.312 | 98.312 | 98.312 | 98.312 | 98.312 | 98.312 | 98.312 | 100.000 | 100.000 | 100.000 | 100.000 | 100.000 | 100.000 | 100.000 | 104.210 |
| 3,23 | RODAMIENTOS DEL MOTOR VENTILADOR | UND | 1 | 169.048 | 169.048 | 169.048 | 169.048 | 169.048 | 169.048 | 169.048 | 172.000 | 172.000 | 172.000 | 172.000 | 172.000 | 172.000 | 172.000 | 179.191 |
| 3,24 | TARJETA ELECTRONICA CONDENSADORA | UND | 1 | 426.965 | 438.515 | 443.660 | 437.182 | 777.618 | 777.618 | 781.713 | 435.000 | 446.600 | 452.000 | 445.500 | 792.400 | 792.400 | 796.600 | 452.583 |
| 3,25 | TARJETA ELECTRONICA DE CONTROL UNIDAD INTERNA | UND | 1 | 274.663 | 274.663 | 303.723 | 303.723 | 394.533 | 391.033 | 403.389 | 279.900 | 279.900 | 309.500 | 309.500 | 402.000 | 398.400 | 411.000 | 291.142 |
| 3,26 | TEMPORIZADOR | UND | 1 | 91.063 | 91.063 | 91.063 | 91.063 | 122.668 | 122.668 | 122.668 | 92.800 | 92.800 | 92.800 | 92.800 | 125.000 | 125.000 | 125.000 | 96.527 |
| 3,27 | TRANSFORMADOR | UND | 1 | 92.120 | 92.120 | 99.097 | 99.097 | 108.414 | 108.424 | 157.390 | 93.900 | 93.900 | 101.000 | 101.000 | 110.500 | 110.510 | 160.400 | 97.647 |
| 3,28 | TUBERIA DE COBRE ALTA | METRO | 1 | 37.291 | 37.291 | 50.993 | 50.993 | 50.993 | 50.993 | 81.450 | 38.000 | 38.000 | 52.000 | 52.000 | 52.000 | 52.000 | 83.000 | 39.528 |
| 3,29 | TUBERIA DE COBRE BAJA | METRO | 1 | 37.291 | 37.291 | 50.993 | 50.993 | 50.993 | 50.993 | 81.450 | 38.000 | 38.000 | 45.000 | 45.000 | 45.000 | 45.000 | 65.000 | 39.528 |
| 3,30 | TUBO CAPILAR | UND | 1 | 27.983 | 27.983 | 27.983 | 27.983 | 37.783 | 37.783 | 37.783 | 28.500 | 28.500 | 28.500 | 28.500 | 38.500 | 38.500 | 38.500 | 29.661 |
| 3,31 | VENTILADOR CENTRIFUGO | UND | 1 | 263.508 | 264.369 | 265.104 | 303.121 | 421.750 | 421.750 | 420.280 | 268.500 | 269.400 | 270.000 | 308.900 | 429.800 | 429.800 | 428.400 | 279.318 |
| 3,32 | TERMOSTATO | UND | 1 | 64.122 | 64.122 | 64.122 | 64.122 | 87.439 | 87.439 | 87.439 | 65.300 | 65.300 | 65.300 | 65.300 | 89.000 | 89.000 | 89.000 | 67.969 |
| 3,33 | SENSOR TUBO | UND | 1 | 99.097 | 99.097 | 110.756 | 110.756 | 110.756 | 110.756 | 110.756 | 95.000 | 95.000 | 95.000 | 95.000 | 95.000 | 95.000 | 95.000 | 105.043 |
| 3,34 | SENSOR AMBIENTE | UND | 1 | 99.097 | 99.097 | 110.756 | 110.756 | 110.756 | 110.756 | 110.756 | 95.000 | 95.000 | 95.000 | 95.000 | 95.000 | 95.000 | 95.000 | 105.043 |
| 3,35 | SENSOR COMPRESOR | UND | 1 | 99.097 | 99.097 | 110.756 | 110.756 | 110.756 | 110.756 | 110.756 | 95.000 | 95.000 | 95.000 | 95.000 | 95.000 | 95.000 | 95.000 | 105.043 |
| 3,36 | VALVULA SALIDA BAJA PRESION | UND | 1 | 99.097 | 99.097 | 110.756 | 110.756 | 110.756 | 110.756 | 110.756 | 95.000 | 95.000 | 95.000 | 95.000 | 95.000 | 95.000 | 95.000 | 105.043 |
| 3,37 | VALVULA SALIDA ALTA PRESION | UND | 1 | 99.097 | 99.097 | 110.756 | 110.756 | 110.756 | 110.756 | 110.756 | 95.000 | 95.000 | 95.000 | 95.000 | 95.000 | 95.000 | 95.000 | 105.043 |
| 3,38 | VALVULA DE EXPANSION | UND | 1 | N/A | N/A | N/A | N/A | 460.511 | 460.511 | 460.511 | N/A | N/A | N/A | N/A | 469.300 | 469.300 | 469.300 | N/A |

VALOR TOTAL A CONTRATAR: TRESCIENTOS TREINTA MILLONES MILLONES DE PESOS ($330.000.000) COP INCLUIDO IVA

| APROBÓ | REVISÓ |
|---|---|
| ANGELA LORENA ORTIZ ROSERO | JOSE ANTONIO PALMA BACCA |
| SECRETARIA DE DESARROLLO INSTITUCIONAL | DIRECTOR DE APOYO A LA GESTIÓN |

| COTIZACION N° 3<br>MULTISERVICIOS MYM DE COLOMBIA S.A.S<br>NIT.: 901292644-3<br><br>VALOR UNITARIO INCLUIDO IVA | | | | | | TOTAL PROMEDIO AÑO 2023<br><br>VALOR UNITARIO INCLUIDO IVA | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIPO MINI SPLIT 18.000 BTU/HR | TIPO MINI SPLIT 24.000 BTU/HR | TIPO MINI SPLIT 34.000 Y/O 36.000 BTU/HR | TIPO CASETTE DE 54.000 BTU/HR | TIPO TECHO DE 60.000 BTU/HR | TIPO CENTRAL DE 180.000 BTU/HR | TIPO MINI SPLIT 9.000 Y 12.000 BTU/HR | TIPO MINI SPLIT 18.000 BTU/HR | TIPO MINI SPLIT 24.000 BTU/HR | TIPO MINI SPLIT 34.000 Y/O 36.000 BTU/HR | TIPO CASETTE DE 54.000 BTU/HR | TIPO TECHO DE 60.000 BTU/HR | TIPO CENTRAL DE 180.000 BTU/HR | |
| 218.919 | 218.919 | 218.919 | 218.919 | 218.919 | 218.919 | 205.090 | 205.090 | 205.090 | 205.090 | 205.090 | 205.090 | 205.090 | $ 170.000.000 |
| | | | | | | | | | | | | | |
| 183.014 | 183.014 | 183.014 | 296.452 | 296.453 | 417.316 | 177.205 | 177.205 | 177.205 | 177.205 | 287.041 | 287.042 | 404.670 | |
| 467.460 | 467.460 | 467.460 | 841.767 | 841.767 | 842.467 | 452.620 | 452.620 | 452.620 | 452.620 | 817.972 | 817.972 | 815.715 | |
| 96.013 | 96.013 | 96.013 | 145.445 | 145.500 | 207.329 | 92.964 | 92.964 | 92.964 | 92.964 | 140.819 | 140.880 | 200.740 | |
| 184.164 | 197.728 | 197.728 | 305.066 | 305.066 | 305.058 | 178.302 | 178.302 | 191.421 | 191.421 | 295.288 | 295.288 | 295.283 | |
| 197.728 | 222.444 | 222.444 | 333.666 | 333.666 | 333.666 | 187.088 | 187.088 | 207.432 | 207.432 | 313.815 | 313.815 | 313.815 | |
| 190.546 | 211.340 | 211.340 | 300.755 | 300.755 | 300.755 | 188.556 | 185.769 | 199.239 | 199.239 | 257.162 | 257.162 | 257.162 | |
| | | | | | | | | | | | | | |
| 261.939 | 261.939 | 261.939 | 287.851 | 287.851 | 358.987 | 253.617 | 253.617 | 253.617 | 253.617 | 278.703 | 278.703 | 347.551 | |
| 8.719 | 8.719 | 8.719 | 8.719 | 8.719 | 8.719 | 8.448 | 8.448 | 8.448 | 8.448 | 8.448 | 8.448 | 8.448 | |
| 461.854 | 461.854 | 461.854 | 475.099 | 475.099 | 672.048 | 447.192 | 447.188 | 447.188 | 447.188 | 460.035 | 460.035 | 650.685 | |
| 333.677 | 412.404 | 412.404 | 456.916 | 460.755 | 461.821 | 323.089 | 323.089 | 399.321 | 399.321 | 442.423 | 445.653 | 447.167 | |
| 75.955 | 76.055 | 76.055 | 77.730 | 77.730 | 77.730 | 73.537 | 73.537 | 73.602 | 73.602 | 75.253 | 75.253 | 75.253 | |
| 20.932 | 25.424 | 25.813 | 25.891 | 25.969 | 26.047 | 20.226 | 20.226 | 23.136 | 23.389 | 23.439 | 23.490 | 23.540 | |
| 72.864 | 73.755 | 75.239 | 75.239 | 75.239 | 100.100 | 70.535 | 70.535 | 71.112 | 72.073 | 72.073 | 72.073 | 96.911 | |
| 66.520 | 66.520 | 66.520 | 66.520 | 66.520 | 66.520 | 64.425 | 64.425 | 64.425 | 64.425 | 64.425 | 64.425 | 64.425 | |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 950.112 | 1.391.250 | 2.168.495 | 3.777.893 | 3.777.893 | 9.575.039 | 37.085 | 919.948 | 1.347.050 | 2.099.615 | 3.6[illegible]14 | 3.657.914 | 9.271.031 |
| 61.790 | 61.790 | 61.790 | 61.790 | 61.790 | 61.790 | 63.396 | 60.994 | 60.994 | 60.994 | 60.994 | 60.994 | 60.994 |
| 99.591 | 99.591 | 99.591 | 99.591 | 99.591 | 99.591 | 96.415 | 96.415 | 96.415 | 96.415 | 96.415 | 96.415 | 96.415 |
| N/A | N/A | N/A | 179.191 | 179.191 | 243.453 | N/A | N/A | N/A | N/A | 173.413 | 173.413 | 235.708 |
| 59.318 | 59.318 | 59.318 | 59.318 | 59.318 | 59.318 | 57.426 | 57.426 | 57.426 | 57.426 | 57.426 | 57.426 | 57.426 |
| 26.879 | 26.879 | 26.879 | 26.879 | 26.879 | 26.879 | 26.012 | 26.012 | 26.012 | 26.012 | 26.012 | 26.012 | 26.012 |
| 117.401 | 117.401 | 117.401 | 117.401 | 117.401 | 117.401 | 113.686 | 113.686 | 113.686 | 113.686 | 113.686 | 113.686 | 113.686 |
| N/A | N/A | N/A | N/A | N/A | 27.750 | N/A | N/A | N/A | N/A | N/A | N/A | 28.866 |
| 452.579 | 526.727 | 526.727 | 707.159 | 707.159 | 954.320 | 438.180 | 438.180 | 509.880 | 509.880 | 684.697 | 684.697 | 924.024 |
| 573.900 | 532.737 | 638.909 | 816.419 | 816.419 | 1.043.100 | 555.298 | 555.438 | 515.840 | 618.551 | 790.475 | 790.475 | 1.009.986 |
| 105.216 | 105.216 | 105.216 | 105.216 | 105.216 | 105.216 | 99.813 | 101.825 | 101.825 | 101.825 | 101.825 | 101.825 | 101.825 |
| 108.750 | 108.750 | 108.750 | 108.750 | 108.750 | 108.750 | 105.282 | 105.282 | 105.282 | 105.282 | 105.282 | 105.282 | 105.282 |
| 108.750 | 108.750 | 108.750 | 108.750 | 108.750 | 108.750 | 105.282 | 105.282 | 105.282 | 105.282 | 105.282 | 105.282 | 105.282 |
| 104.210 | 104.210 | 104.210 | 104.210 | 104.210 | 104.210 | 100.841 | 100.841 | 100.841 | 100.841 | 100.841 | 100.841 | 100.841 |
| 179.191 | 179.191 | 179.191 | 179.191 | 179.191 | 179.191 | 173.413 | 173.413 | 173.413 | 173.413 | 173.413 | 173.413 | 173.413 |
| 464.826 | 470.280 | 463.412 | 824.275 | 824.275 | 828.616 | 438.183 | 449.980 | 455.313 | 448.698 | 798.097 | 798.097 | 802.309 |
| 291.142 | 321.946 | 321.946 | 418.205 | 414.495 | 427.592 | 281.902 | 281.902 | 311.723 | 311.723 | 404.913 | 401.309 | 413.994 |
| 96.527 | 96.527 | 96.527 | 130.028 | 130.028 | 130.028 | 93.463 | 93.463 | 93.463 | 93.463 | 125.899 | 125.899 | 125.899 |
| 97.647 | 105.043 | 105.043 | 114.918 | 114.929 | 166.833 | 94.556 | 94.556 | 101.713 | 101.713 | 111.277 | 111.288 | 161.541 |
| 39.528 | 54.053 | 54.053 | 54.053 | 54.053 | 86.337 | 38.273 | 38.273 | 52.349 | 52.349 | 52.349 | 52.349 | 83.596 |
| 39.528 | 54.053 | 54.053 | 54.053 | 54.053 | 86.337 | 38.273 | 38.273 | 50.015 | 50.015 | 50.015 | 50.015 | 77.596 |
| 29.661 | 29.661 | 29.661 | 40.049 | 40.049 | 40.049 | 38.273 | 38.273 | 50.015 | 50.015 | 50.015 | 50.015 | 77.596 |
| 280.231 | 281.010 | 321.308 | 447.055 | 447.055 | 445.497 | 28.714 | 28.714 | 28.714 | 28.714 | 38.777 | 38.777 | 38.777 |
| 67.969 | 67.969 | 67.969 | 92.685 | 92.685 | 92.685 | 270.442 | 271.333 | 272.038 | 297.943 | 432.868 | 432.868 | 431.392 |
| 105.043 | 117.401 | 117.401 | 117.401 | 117.401 | 117.401 | 65.797 | 65.797 | 65.797 | 65.797 | 89.708 | 89.708 | 89.708 |
| 105.043 | 117.401 | 117.401 | 117.401 | 117.401 | 117.401 | 99.713 | 99.713 | 107.719 | 107.719 | 107.719 | 107.719 | 107.719 |
| 105.043 | 117.401 | 117.401 | 117.401 | 117.401 | 117.401 | 99.713 | 99.713 | 107.719 | 107.719 | 107.719 | 107.719 | 107.719 |
| 105.043 | 117.401 | 117.401 | 117.401 | 117.401 | 117.401 | 99.713 | 99.713 | 107.719 | 107.719 | 107.719 | 107.719 | 107.719 |
| 105.043 | 117.401 | 117.401 | 117.401 | 117.401 | 117.401 | 99.713 | 99.713 | 107.719 | 107.719 | 107.719 | 107.719 | 107.719 |
| N/A | N/A | N/A | 488.141 | 488.141 | 488.141 | N/A | N/A | N/A | N/A | 107.719 | 107.719 | 107.719 |

**$ 160.000.000 EL MANTENIMIENTO CORRECTIVO DE LOS AIRES Y CONSUMO DE REPUESTOS SE HARÁ POR DEMANDA Y SE PAGARÁ SEGÚN AL VALOR DISPUESTOS EN LA BOLSA DE REPUESTOS.**

| | |
|---|---|
| | **PROYECTÓ** |
| | **CILIA MARIA VILLALDA AYALA** |
| | **TÉCNICO OPERATIVO** |