



NAUCALPAN, ESTADO DE MÉXICO A 13 DE MARZO DE 2026

INSTITUTO NACIONAL DE CIENCIAS MÉDICAS Y NUTRICIÓN "SALVADOR ZUBIRAN"  
ING. GUSTAVO GONZÁLEZ GUTIERREZ  
JEFE DEPTO. MANTENIMIENTO  
P R E S E N T E

En relación con nuestra propuesta para el Suministro de Oxígeno Medicinal Líquido y el Suministro de Gases Medicinales, Especiales y Mezclas Especiales para el período: 01 de abril de 2026 al 31 de marzo de 2029, los precios unitarios de los gases quedan de la siguiente forma:

| No. | CÓDIGO | INSTITUTO NACIONAL DE NUTRICIÓN                   | UNIDAD DE MEDIDA | PRECIO 2026 | I.V.A. | PRECIO 2027 | I.V.A. | PRECIO 2028 | I.V.A. | PRECIO 2029 | I.V.A. |
|-----|--------|---------------------------------------------------|------------------|-------------|--------|-------------|--------|-------------|--------|-------------|--------|
| 1   | 433    | BIOXIDO DE CARBONO CON SIFON                      | KILO             | \$ 95.04    | 16%    | \$ 95.04    | 16%    | \$ 95.04    | 16%    | \$ 95.04    | 16%    |
| 2   | 601    | CARGA DE OXIGENO MEDICINAL USP E                  | CARGA            | \$ 393.16   | 0%     | \$ 393.16   | 0%     | \$ 393.16   | 0%     | \$ 393.16   | 0%     |
| 3   | 602    | NITROGENO GRADO MEDICINAL LIQUIDO                 | M3               | \$ 116.82   | 0%     | \$ 116.82   | 0%     | \$ 116.82   | 0%     | \$ 116.82   | 0%     |
| 4   | 603    | NITROGENO GRADO MEDICINAL GASEOSO                 | M3               | \$ 116.82   | 0%     | \$ 116.82   | 0%     | \$ 116.82   | 0%     | \$ 116.82   | 0%     |
| 5   | 605    | BIOXIDO DE CARBONO USP (CO2 - USP) CIL 25 KG      | KG               | \$ 95.04    | 0%     | \$ 95.04    | 0%     | \$ 95.04    | 0%     | \$ 95.04    | 0%     |
| 6   | 607    | OXIDO NITROSO USP B 27.5                          | KG               | \$ 416.86   | 0%     | \$ 416.86   | 0%     | \$ 416.86   | 0%     | \$ 416.86   | 0%     |
| 7   | 641    | CARGA DE CO2 USP E VAL YUGO 2 KG                  | CARGA            | \$ 386.72   | 0%     | \$ 386.72   | 0%     | \$ 386.72   | 0%     | \$ 386.72   | 0%     |
| 8   | 655    | CARGA DE OXIGENO MEDICINAL USP E TODO EN UNO      | CARGA            | \$ 393.16   | 0%     | \$ 393.16   | 0%     | \$ 393.16   | 0%     | \$ 393.16   | 0%     |
| 9   | 656    | CARGA DE OXIGENO MEDICINAL USP E TODO EN UNO DISS | CARGA            | \$ 393.16   | 0%     | \$ 393.16   | 0%     | \$ 393.16   | 0%     | \$ 393.16   | 0%     |
| 10  | 663    | CARGA DE NITROGENO GRADO MEDICINAL BT-80          | CARGA            | \$ 116.82   | 0%     | \$ 116.82   | 0%     | \$ 116.82   | 0%     | \$ 116.82   | 0%     |
| 11  | 693    | CARGA DE OXIDO NITROSO USP BT-80 9 KGS            | CARGA            | \$ 3,634.39 | 0%     | \$ 3,634.39 | 0%     | \$ 3,634.39 | 0%     | \$ 3,634.39 | 0%     |

|    |        |                                                 |       |              |     |              |     |              |     |              |     |
|----|--------|-------------------------------------------------|-------|--------------|-----|--------------|-----|--------------|-----|--------------|-----|
| 12 | 702    | CARGA DE OXIGENO 1.5 M3                         | CARGA | \$ 393.16    | 16% | \$ 393.16    | 16% | \$ 393.16    | 16% | \$ 393.16    | 16% |
| 13 | 4094   | REGULADOR P/NITROGENO SH-1330-N                 | PZ    | \$ 4,884.52  | 16% | \$ 4,884.52  | 16% | \$ 4,884.52  | 16% | \$ 4,884.52  | 16% |
| 14 | 4096   | REGULADOR INFRA SMITH'S SH-1710-C               | PZ    | \$ 2,017.66  | 16% | \$ 2,017.66  | 16% | \$ 2,017.66  | 16% | \$ 2,017.66  | 16% |
| 15 | 4747   | REGULADOR OXIGENO TERAPIA FM1-540-M             | PZ    | \$ 3,404.99  | 16% | \$ 3,404.99  | 16% | \$ 3,404.99  | 16% | \$ 3,404.99  | 16% |
| 16 | 32015  | AIRE EXTRA SECO                                 | M3    | \$ 150.60    | 16% | \$ 150.60    | 16% | \$ 150.60    | 16% | \$ 150.60    | 16% |
| 17 | 32026  | CARGA DE ARGON ULTRA ALTA PUREZA (CA.MIN.)      | CARGA | \$ 4,230.55  | 16% | \$ 4,230.55  | 16% | \$ 4,230.55  | 16% | \$ 4,230.55  | 16% |
| 18 | 32055  | CARGA DE BIXIDO DE CARBONO EXTRA SECO           | CARGA | \$ 8,126.22  | 16% | \$ 8,126.22  | 16% | \$ 8,126.22  | 16% | \$ 8,126.22  | 16% |
| 19 | 32065  | CARGA DE CARBOGENO 5%                           | CARGA | \$ 6,703.68  | 16% | \$ 6,703.68  | 16% | \$ 6,703.68  | 16% | \$ 6,703.68  | 16% |
| 20 | 32090  | HELIO 4.8 A (CROMATOGRAFICO)                    | M3    | \$ 3,636.30  | 16% | \$ 3,636.30  | 16% | \$ 3,636.30  | 16% | \$ 3,636.30  | 16% |
| 21 | 32096  | CARGA DE HELIO ULTRA ALTA PUREZA (CARGA MINIMA) | CARGA | \$ 35,548.62 | 16% | \$ 35,548.62 | 16% | \$ 35,548.62 | 16% | \$ 35,548.62 | 16% |
| 22 | 32100  | HIDROGENO 4.8 B (CROMATOGRAFICO)                | M3    | \$ 501.64    | 16% | \$ 501.64    | 16% | \$ 501.64    | 16% | \$ 501.64    | 16% |
| 23 | 32135  | NITROGENO 4.8 A (CROMATOGRAFICO)                | M3    | \$ 254.62    | 16% | \$ 254.62    | 16% | \$ 254.62    | 16% | \$ 254.62    | 16% |
| 24 | 32145  | NITROGENO ULTRA ALTA PUREZA                     | M3    | \$ 693.73    | 16% | \$ 693.73    | 16% | \$ 693.73    | 16% | \$ 693.73    | 16% |
| 25 | 35055  | ACETILENO ABSORCION ATOMICA 5.5 KG              | KG    | \$ 1,576.59  | 16% | \$ 1,576.59  | 16% | \$ 1,576.59  | 16% | \$ 1,576.59  | 16% |
| 26 | 35056  | ACETILENO ABSORCION ATOMICA 6 KG                | KG    | \$ 1,576.59  | 16% | \$ 1,576.59  | 16% | \$ 1,576.59  | 16% | \$ 1,576.59  | 16% |
| 27 | 35556  | REGULADOR 2121352-01-000 (E12-244-A)            | PZ    | \$ 12,650.34 | 16% | \$ 12,650.34 | 16% | \$ 12,650.34 | 16% | \$ 12,650.34 | 16% |
| 28 | 35640  | TUERCA Y NIPLE CGA-500                          | PZ    | \$ 395.47    | 16% | \$ 395.47    | 16% | \$ 395.47    | 16% | \$ 395.47    | 16% |
| 29 | 41323  | CARGA DE INFRA MIXX 2002 (9.5 M3)               | CARGA | \$ 3,703.06  | 16% | \$ 3,703.06  | 16% | \$ 3,703.06  | 16% | \$ 3,703.06  | 16% |
| 30 | 50401  | CARGA DE CO2 5%/O2 16%/NITROGENO BAL.           | CARGA | \$ 4,958.00  | 16% | \$ 4,958.00  | 16% | \$ 4,958.00  | 16% | \$ 4,958.00  | 16% |
| 31 | 52680  | AR MIXX PORTATIL                                | CARGA | \$ 893.48    | 16% | \$ 893.48    | 16% | \$ 893.48    | 16% | \$ 893.48    | 16% |
| 32 | 52764  | INFRA MIXX 200/25 PORTATIL                      | CARGA | \$ 847.31    | 16% | \$ 847.31    | 16% | \$ 847.31    | 16% | \$ 847.31    | 16% |
| 33 | 52959  | HELIO 4.8 M3 A PORTATIL (CROMATOGRAFICO)        | M3    | \$ 6,578.35  | 16% | \$ 6,578.35  | 16% | \$ 6,578.35  | 16% | \$ 6,578.35  | 16% |
| 34 | 101060 | OXIGENO INDUSTRIAL 6 M3 EN CIL MCA. INFRA       | M3    | \$ 86.03     | 16% | \$ 86.03     | 16% | \$ 86.03     | 16% | \$ 86.03     | 16% |
| 35 | 102022 | ACETILENO KG. MCA. INFRA                        | M3    | \$ 439.82    | 16% | \$ 439.82    | 16% | \$ 439.82    | 16% | \$ 439.82    | 16% |



|    |           |                                                    |       |             |     |             |     |             |     |             |     |
|----|-----------|----------------------------------------------------|-------|-------------|-----|-------------|-----|-------------|-----|-------------|-----|
| 36 | 102032    | ACETILENO KG. MCA. INFRA                           | M3    | \$ 439.82   | 16% | \$ 439.82   | 16% | \$ 439.82   | 16% | \$ 439.82   | 16% |
| 37 | 201095    | OXIGENO MEDICINAL EN CIL. MCA. INFRA 9.5 M         | M3    | \$ 86.03    | 0%  | \$ 86.03    | 0%  | \$ 86.03    | 0%  | \$ 86.03    | 0%  |
| 38 | 700730    | CARGA ACETILENO VAL. CARGA 1 KG                    | CARGA | \$ 572.70   | 16% | \$ 572.70   | 16% | \$ 572.70   | 16% | \$ 572.70   | 16% |
| 39 | 740 / 741 | ARGON 2 M3, 1 M3                                   | CARGA | \$ 1,012.68 | 16% | \$ 1,012.68 | 16% | \$ 1,012.68 | 16% | \$ 1,012.68 | 16% |
| 40 | 32020     | ARGON ULTRA ALTA PUREZA BT-40                      | CARGA | \$ 4,825.34 | 16% | \$ 4,825.34 | 16% | \$ 4,825.34 | 16% | \$ 4,825.34 | 16% |
| 41 | 32035     | ARGON CROMATOGRAFICO                               | M3    | \$ 896.22   | 16% | \$ 896.22   | 16% | \$ 896.22   | 16% | \$ 896.22   | 16% |
| 42 | 32060     | CARGA DE CARBOGENO 10%                             | CARGA | \$ 6,703.68 | 16% | \$ 6,703.68 | 16% | \$ 6,703.68 | 16% | \$ 6,703.68 | 16% |
| 43 | 632       | BIOXIDO DE CARBONO USP BT-80                       | CARGA | \$ 1,385.40 | 16% | \$ 1,385.40 | 16% | \$ 1,385.40 | 16% | \$ 1,385.40 | 16% |
| 44 | 33320     | CARGA DE MEZCLA ISOBUTANO 1%/CO2 2.5%/Ar BAL       | CARGA | \$ 9,408.40 | 16% | \$ 9,408.40 | 16% | \$ 9,408.40 | 16% | \$ 9,408.40 | 16% |
| 45 | 51223     | CARGA DE CO2 8%/O2 21%/N2 BAL.                     | CARGA | \$ 8,030.10 | 16% | \$ 8,030.10 | 16% | \$ 8,030.10 | 16% | \$ 8,030.10 | 16% |
| 46 | 33010     | CARGA DE MEZCLA CO2 5%, AIRE BAL                   | CARGA | \$ 7,030.81 | 16% | \$ 7,030.81 | 16% | \$ 7,030.81 | 16% | \$ 7,030.81 | 16% |
| 47 | 40002     | CARGA CO2 7.5 %, AIRE BALANCE                      | CARGA | \$ 6,471.36 | 16% | \$ 6,471.36 | 16% | \$ 6,471.36 | 16% | \$ 6,471.36 | 16% |
| 48 | 41132     | CARGA DE CO2 10%/O2 21%/N2 BAL.                    | CARGA | \$ 4,954.03 | 16% | \$ 4,954.03 | 16% | \$ 4,954.03 | 16% | \$ 4,954.03 | 16% |
| 49 | 33246     | CARGA DE O2 5% / CO2 10% / N2 BAL.                 | CARGA | \$ 5,190.89 | 16% | \$ 5,190.89 | 16% | \$ 5,190.89 | 16% | \$ 5,190.89 | 16% |
| 50 | 41547     | CARGA DE CO2 4%/O2 16%/N2 BAL.                     | CARGA | \$ 5,296.42 | 16% | \$ 5,296.42 | 16% | \$ 5,296.42 | 16% | \$ 5,296.42 | 16% |
| 51 | 33239     | CARGA DE CO2 5% / O2 16% / N2 BAL.                 | CARGA | \$ 4,958.00 | 16% | \$ 4,958.00 | 16% | \$ 4,958.00 | 16% | \$ 4,958.00 | 16% |
| 52 | 40003*    | CARGA CO2 10%, H2 10%, N2 BAL.                     | CARGA | \$ 6,787.74 | 16% | \$ 6,787.74 | 16% | \$ 6,787.74 | 16% | \$ 6,787.74 | 16% |
| 53 | 33331     | CARGA DE MEZCLA N2 79%/O2 21%                      | CARGA | \$ 5,125.97 | 16% | \$ 5,125.97 | 16% | \$ 5,125.97 | 16% | \$ 5,125.97 | 16% |
| 54 | 40004*    | CARGA O2 26%, N2 BAL                               | CARGA | \$ 6,471.36 | 16% | \$ 6,471.36 | 16% | \$ 6,471.36 | 16% | \$ 6,471.36 | 16% |
| 55 | 32135     | NITROGENO CROMATOGRAFICO                           | M3    | \$ 254.62   | 16% | \$ 254.62   | 16% | \$ 254.62   | 16% | \$ 254.62   | 16% |
| 56 | 32160     | OXIGENO EXTRA SECO                                 | M3    | \$ 336.39   | 16% | \$ 336.39   | 16% | \$ 336.39   | 16% | \$ 336.39   | 16% |
| 57 | 101060    | OXIGENO INDUSTRIAL 6 MTS                           | M3    | \$ 86.03    | 16% | \$ 86.03    | 16% | \$ 86.03    | 16% | \$ 86.03    | 16% |
| 58 | 101030    | OXIGENO 1.5 M3 (CARGA DE OXIGENO INDUSTRIAL BT-40) | CARGA | \$ 143.38   | 16% | \$ 143.38   | 16% | \$ 143.38   | 16% | \$ 143.38   | 16% |
| 59 | 654       | CARGA DE CILINDRO DE OXIGENO TIPO M                | CARGA | \$ 393.16   | 0%  | \$ 393.16   | 0%  | \$ 393.16   | 0%  | \$ 393.16   | 0%  |
| 60 | 711       | CARGA DE NITROGENO 1.5 M3                          | CARGA | \$ 413.71   | 16% | \$ 413.71   | 16% | \$ 413.71   | 16% | \$ 413.71   | 16% |



|           |        |                                                |       |               |     |               |     |               |     |               |     |
|-----------|--------|------------------------------------------------|-------|---------------|-----|---------------|-----|---------------|-----|---------------|-----|
| 61        | 712    | CARGA DE NITROGENO 2 M3                        | CARGA | \$ 566.35     | 16% | \$ 566.35     | 16% | \$ 566.35     | 16% | \$ 566.35     | 16% |
| 62        | 3208   | TOBERA DE GAS M-450-T                          | PZ    | \$ 970.73     | 16% | \$ 970.73     | 16% | \$ 970.73     | 16% | \$ 970.73     | 16% |
| 63        | 3213   | PUNTA DE CONTACTO 0.035"                       | PZ    | \$ 53.10      | 16% | \$ 53.10      | 16% | \$ 53.10      | 16% | \$ 53.10      | 16% |
| 64        | 3218   | PUNTA DE CONTACTO 0.045"                       | PZ    | \$ 50.98      | 16% | \$ 50.98      | 16% | \$ 50.98      | 16% | \$ 50.98      | 16% |
| 65        | 3220   | PUNTA DE CONTACTO 1/16"                        | PZ    | \$ 62.66      | 16% | \$ 62.66      | 16% | \$ 62.66      | 16% | \$ 62.66      | 16% |
| 66        | 3253   | DIFUSOR M-450 -D                               | PZ    | \$ 451.90     | 16% | \$ 451.90     | 16% | \$ 451.90     | 16% | \$ 451.90     | 16% |
| 67        | 4490   | TUERCA Y NIPLE OXIGENO ESTÁNDAR STD-K-O2-STD-T | PZ    | \$ 201.79     | 16% | \$ 201.79     | 16% | \$ 201.79     | 16% | \$ 201.79     | 16% |
| 68        | 4491   | VASTAGO Y TUERCA K-O2-AME-T                    | PZ    | \$ 207.10     | 16% | \$ 207.10     | 16% | \$ 207.10     | 16% | \$ 207.10     | 16% |
| 69        | 32120  | NITROGENO 4.7 A                                | M3    | \$ 377.13     | 16% | \$ 377.13     | 16% | \$ 377.13     | 16% | \$ 377.13     | 16% |
| 70        | 32135  | NITROGENO 4.8 A (CROMATOGRÁFICO)               | M3    | \$ 254.62     | 16% | \$ 254.62     | 16% | \$ 254.62     | 16% | \$ 254.62     | 16% |
| 71        | 35152  | ACETILENO ABSORCIÓN ATÓMICA 4 KG               | KG    | \$ 1,576.59   | 16% | \$ 1,576.59   | 16% | \$ 1,576.59   | 16% | \$ 1,576.59   | 16% |
| 72        | 35154  | ACETILENO ABSORCIÓN ATÓMICA 5 KG               | KG    | \$ 1,576.59   | 16% | \$ 1,576.59   | 16% | \$ 1,576.59   | 16% | \$ 1,576.59   | 16% |
| 73        | 52680  | AR-MXX PORTATIL                                | CARGA | \$ 945.50     | 16% | \$ 945.50     | 16% | \$ 945.50     | 16% | \$ 945.50     | 16% |
| 74        | 101160 | OXIGENO INDUSTRIAL DE 6 M3 VAL STD             | M3    | \$ 86.03      | 16% | \$ 86.03      | 16% | \$ 86.03      | 16% | \$ 86.03      | 16% |
| SUB TOTAL |        |                                                |       | \$ 205,064.63 |     | \$ 205,064.63 |     | \$ 205,064.63 |     | \$ 205,064.63 |     |
| I.V.A.    |        |                                                |       | \$ 31,777.36  |     | \$ 31,777.36  |     | \$ 31,777.36  |     | \$ 31,777.36  |     |
| TOTAL     |        |                                                |       | \$ 236,841.99 |     | \$ 236,841.99 |     | \$ 236,841.99 |     | \$ 236,841.99 |     |

Los precios serán fijos durante la vigencia del contrato.

ATENTAMENTE

LIC. SALVADOR NAVA PEREZ  
REPRESENTANTE LEGAL