

**ANEXO III PLANILHA 02 - MATERIAL HIDRÁULICO**

| ITEM | QTD | UNID   | ESPECIFICAÇÃO                                       | Preço Médio<br>SECOM,<br>001.001.012/2012,<br>fl. 35 à 41 | Código<br>SINAP | Cotação SINAP<br>agosto/13 P.<br>Unit. | P. Unit. Pregão<br>14/2013 CLDF,<br>001.001.012/2012,<br>fls. 96 à 104 | Valor Unitário<br>Adotado | Preço Total  |
|------|-----|--------|-----------------------------------------------------|-----------------------------------------------------------|-----------------|----------------------------------------|------------------------------------------------------------------------|---------------------------|--------------|
| 01   | 12  | litros | Acido muriático (solução ácida)                     | R\$ 4,50                                                  | 3               | R\$ 2,91                               | F                                                                      | R\$ 2,91                  | R\$ 34,92    |
| 02   | 50  | unid.  | Adaptador PVC c/ reg p/ polietileno pe-5 20 mm x ¾" | R\$ 0,25                                                  | 60              | R\$ 17,92                              | F                                                                      | R\$ 0,25                  | R\$ 12,50    |
| 03   | 50  | unid.  | Adaptador PVC p/ polietileno pe-5 20 mm x ½"        | R\$ 0,25                                                  | 55              | R\$ 4,50                               | F                                                                      | R\$ 0,25                  | R\$ 12,50    |
| 04   | 50  | unid.  | Adaptador PVC p/ polietileno pe-5 32 mm x 1"        | R\$ 0,87                                                  | 62              | R\$ 9,00                               | F                                                                      | R\$ 0,87                  | R\$ 43,67    |
| 05   | 36  | unid.  | Adesivo p/ PVC frasco c/ 175g                       | R\$ 9,40                                                  | 20080           | R\$ 8,37                               | R\$ 9,04                                                               | R\$ 8,37                  | R\$ 301,32   |
| 06   | 60  | unid.  | Anel borracha p/ tubo esgoto predial eb 608 dn 40mm | R\$ 0,69                                                  | 295             | R\$ 0,73                               | R\$ 0,66                                                               | R\$ 0,66                  | R\$ 39,60    |
| 07   | 60  | unid.  | Anel borracha p/ tubo esgoto predial eb 608 dn 50mm | R\$ 0,85                                                  | 296             | R\$ 0,77                               | R\$ 0,81                                                               | R\$ 0,77                  | R\$ 46,20    |
| 08   | 60  | unid.  | Anel borracha p/ tubo serie r dn 50mm               | R\$ 1,13                                                  | 20085           | R\$ 0,94                               | F                                                                      | R\$ 0,94                  | R\$ 56,40    |
| 09   | 40  | unid.  | Bucha red PVC sold longa agua fria pred 40mmx20mm   | R\$ 1,80                                                  | 833             | R\$ 1,77                               | R\$ 1,71                                                               | R\$ 1,71                  | R\$ 68,40    |
| 10   | 40  | unid.  | Bucha red PVC sold longa agua fria pred 40mmx25mm   | R\$ 2,18                                                  | 834             | R\$ 1,81                               | R\$ 2,07                                                               | R\$ 1,81                  | R\$ 72,40    |
| 11   | 40  | unid.  | Bucha red PVC sold longa agua fria pred 50mm x 20mm | R\$ 2,15                                                  | 825             | R\$ 1,89                               | R\$ 2,04                                                               | R\$ 1,89                  | R\$ 75,60    |
| 12   | 40  | unid.  | Bucha red PVC sold longa agua fria pred 50mm x 25mm | R\$ 2,45                                                  | 813             | R\$ 1,53                               | R\$ 2,33                                                               | R\$ 1,53                  | R\$ 61,20    |
| 13   | 40  | unid.  | Bucha red PVC sold longa agua fria pred 50mm x 32mm | R\$ 2,95                                                  | 820             | R\$ 2,26                               | R\$ 2,80                                                               | R\$ 2,26                  | R\$ 90,40    |
| 14   | 40  | unid.  | Bucha red PVC sold longa agua fria pred 60mm x 25mm | R\$ 3,61                                                  | 816             | R\$ 3,87                               | R\$ 3,43                                                               | R\$ 3,43                  | R\$ 137,20   |
| 15   | 40  | unid.  | Bucha red PVC sold longa agua fria pred 60mm x 32mm | R\$ 4,90                                                  | 814             | R\$ 4,76                               | R\$ 4,66                                                               | R\$ 4,66                  | R\$ 186,40   |
| 16   | 40  | unid.  | Bucha red PVC sold longa agua fria pred 60mm x 50mm | R\$ 6,18                                                  | 822             | R\$ 7,35                               | R\$ 6,18                                                               | R\$ 6,18                  | R\$ 247,00   |
| 17   | 40  | unid.  | Bucha red PVC sold longa agua fria pred 75mm x 50mm | R\$ 9,00                                                  | 821             | R\$ 8,56                               | F                                                                      | R\$ 8,56                  | R\$ 342,40   |
| 18   | 40  | unid.  | Bucha red PVC sold longa agua fria pred 85mm x 60mm | R\$ 15,00                                                 | 817             | R\$ 9,32                               | R\$ 15,00                                                              | R\$ 9,32                  | R\$ 372,80   |
| 19   | 40  | unid.  | Cap PVC sold p/ agua fria predial 20 mm             | R\$ 0,71                                                  | 1191            | R\$ 1,05                               | R\$ 0,67                                                               | R\$ 0,67                  | R\$ 26,80    |
| 20   | 40  | unid.  | Cap PVC sold p/ agua fria predial 25 mm             | R\$ 0,81                                                  | 1185            | R\$ 1,15                               | R\$ 0,77                                                               | R\$ 0,77                  | R\$ 30,80    |
| 21   | 40  | unid.  | Cap PVC sold p/ agua fria predial 32 mm             | R\$ 1,06                                                  | 1189            | R\$ 1,63                               | R\$ 1,01                                                               | R\$ 1,01                  | R\$ 40,40    |
| 22   | 40  | unid.  | Cap PVC sold p/ agua fria predial 40 mm             | R\$ 2,19                                                  | 1193            | R\$ 3,26                               | R\$ 2,08                                                               | R\$ 2,08                  | R\$ 83,20    |
| 23   | 40  | unid.  | Cap PVC sold p/ agua fria predial 50 mm             | R\$ 3,92                                                  | 1194            | R\$ 5,98                               | R\$ 3,72                                                               | R\$ 3,72                  | R\$ 148,80   |
| 24   | 40  | unid.  | Cap PVC sold p/ agua fria predial 60 mm             | R\$ 6,50                                                  | 1195            | R\$ 9,15                               | R\$ 6,18                                                               | R\$ 6,18                  | R\$ 247,20   |
| 25   | 40  | unid.  | Curva PVC sold 45g p/ agua fria predial 110 mm      | R\$ 56,71                                                 | 1954            | R\$ 70,44                              | R\$ 56,71                                                              | R\$ 56,71                 | R\$ 2.268,40 |
| 26   | 40  | unid.  | Curva PVC sold 45g p/ agua fria predial 20 mm       | R\$ 1,45                                                  | 1926            | R\$ 0,51                               | R\$ 1,38                                                               | R\$ 0,51                  | R\$ 20,40    |
| 27   | 40  | unid.  | Curva PVC sold 45g p/ agua fria predial 25 mm       | R\$ 4,92                                                  | 1927            | R\$ 0,86                               | R\$ 4,67                                                               | R\$ 0,86                  | R\$ 34,40    |
| 28   | 40  | unid.  | Curva PVC sold 45g p/ agua fria predial 32 mm       | R\$ 2,40                                                  | 1923            | R\$ 1,63                               | R\$ 2,28                                                               | R\$ 1,63                  | R\$ 65,20    |
| 29   | 40  | unid.  | Curva PVC sold 45g p/ agua fria predial 40 mm       | R\$ 3,54                                                  | 1929            | R\$ 3,06                               | R\$ 3,36                                                               | R\$ 3,06                  | R\$ 122,40   |
| 30   | 40  | unid.  | Curva PVC sold 45g p/ agua fria predial 50 mm       | R\$ 7,95                                                  | 1930            | R\$ 6,28                               | R\$ 7,95                                                               | R\$ 6,28                  | R\$ 251,20   |
| 31   | 40  | unid.  | Curva PVC sold 45g p/ agua fria predial 60 mm       | R\$ 27,35                                                 | 1924            | R\$ 10,42                              | R\$ 27,35                                                              | R\$ 10,42                 | R\$ 416,80   |

|    |     |       |                                                |     |        |       |            |            |     |        |     |          |
|----|-----|-------|------------------------------------------------|-----|--------|-------|------------|------------|-----|--------|-----|----------|
| 32 | 40  | unid. | Curva PVC sold 45g p/ agua fria predial 75 mm  | R\$ | 16,11  | 1922  | R\$ 18,80  | R\$ 17,72  | R\$ | 16,11  | R\$ | 644,40   |
| 33 | 40  | unid. | Curva PVC sold 45g p/ agua fria predial 85 mm  | R\$ | 24,12  | 1953  | R\$ 29,93  | R\$ 26,53  | R\$ | 24,12  | R\$ | 964,80   |
| 34 | 40  | unid. | Joelho PVC sold 45g p/ agua fria pred 110 mm   | R\$ | 108,51 | 3512  | R\$ 122,13 | F          | R\$ | 108,51 | R\$ | 4.340,40 |
| 35 | 40  | unid. | Joelho PVC sold 45g p/ agua fria pred 20 mm    | R\$ | 0,57   | 3499  | R\$ 0,48   | R\$ 0,54   | R\$ | 0,48   | R\$ | 19,20    |
| 36 | 40  | unid. | Joelho PVC sold 45g p/ agua fria pred 25 mm    | R\$ | 0,88   | 3500  | R\$ 0,93   | R\$ 0,84   | R\$ | 0,84   | R\$ | 33,60    |
| 37 | 40  | unid. | Joelho PVC sold 45g p/ agua fria pred 32 mm    | R\$ | 2,42   | 3501  | R\$ 2,26   | R\$ 2,30   | R\$ | 2,26   | R\$ | 90,40    |
| 38 | 40  | unid. | Joelho PVC sold 45g p/ agua fria pred 40 mm    | R\$ | 3,28   | 3502  | R\$ 3,33   | R\$ 3,12   | R\$ | 3,12   | R\$ | 124,80   |
| 39 | 40  | unid. | Joelho PVC sold 45g p/ agua fria pred 50 mm    | R\$ | 4,07   | 3503  | R\$ 4,22   | R\$ 3,87   | R\$ | 3,87   | R\$ | 154,80   |
| 40 | 40  | unid. | Joelho PVC sold 45g p/ agua fria pred 60 mm    | R\$ | 14,56  | 3477  | R\$ 14,80  | R\$ 14,56  | R\$ | 14,56  | R\$ | 582,30   |
| 41 | 40  | unid. | Joelho PVC sold 45g p/ agua fria pred 75 mm    | R\$ | 38,00  | 3478  | R\$ 36,06  | F          | R\$ | 36,06  | R\$ | 1.442,40 |
| 42 | 40  | unid. | Joelho PVC sold 45g p/agua fria pred 85 mm     | R\$ | 42,90  | 3525  | R\$ 40,91  | R\$ 42,90  | R\$ | 40,91  | R\$ | 1.636,40 |
| 43 | 40  | unid. | Joelho PVC sold 45g pb p/ esg predial dn 100mm | R\$ | 5,77   | 3528  | R\$ 4,75   | F          | R\$ | 4,75   | R\$ | 190,00   |
| 44 | 40  | unid. | Joelho PVC sold 45g pb p/ esg predial dn 50mm  | R\$ | 2,31   | 3518  | R\$ 2,00   | F          | R\$ | 2,00   | R\$ | 80,00    |
| 45 | 40  | unid. | Joelho PVC sold 45g pb p/ esg predial dn 75mm  | R\$ | 4,43   | 3519  | R\$ 4,35   | F          | R\$ | 4,35   | R\$ | 174,00   |
| 46 | 40  | unid. | Joelho PVC sold 90g bb p/ esg predial dn 40mm  | R\$ | 1,13   | 3517  | R\$ 1,02   | F          | R\$ | 1,02   | R\$ | 40,80    |
| 47 | 60  | unid. | Luva correr PVC sold p/agua fria predial 20 mm | R\$ | 5,65   | 3854  | R\$ 5,77   | R\$ 5,37   | R\$ | 5,37   | R\$ | 322,20   |
| 48 | 60  | unid. | Luva correr PVC sold p/agua fria predial 25 mm | R\$ | 7,70   | 3873  | R\$ 7,85   | R\$ 7,70   | R\$ | 7,70   | R\$ | 462,00   |
| 49 | 60  | unid. | Luva correr PVC sold p/agua fria predial 50 mm | R\$ | 18,00  | 3847  | R\$ 21,37  | R\$ 18,00  | R\$ | 18,00  | R\$ | 1.080,00 |
| 50 | 40  | unid. | Nipel ferro galv rosca 1"                      | R\$ | 8,60   | 4179  | R\$ 5,47   | R\$ 8,17   | R\$ | 5,47   | R\$ | 218,80   |
| 51 | 60  | unid. | Nipel ferro galv rosca ½"                      | R\$ | 3,95   | 4177  | R\$ 2,26   | R\$ 3,75   | R\$ | 2,26   | R\$ | 135,60   |
| 52 | 60  | unid. | Nipel ferro galv rosca ¾"                      | R\$ | 5,40   | 4178  | R\$ 3,24   | R\$ 5,13   | R\$ | 3,24   | R\$ | 194,40   |
| 53 | 40  | unid. | Nipel PVC c/ c/ rosca p/ agua fria predial 1"  | R\$ | 1,25   | 4212  | R\$ 1,41   | R\$ 1,19   | R\$ | 1,19   | R\$ | 47,60    |
| 54 | 60  | unid. | Nipel reducao ferro galv rosca 1.½" x ¾"       | R\$ | 20,50  | 4191  | R\$ 8,53   | R\$ 20,50  | R\$ | 8,53   | R\$ | 511,80   |
| 55 | 60  | unid. | Nipel reducao ferro galv rosca 1.1/4" x ½"     | R\$ | 18,75  | 4207  | R\$ 7,16   | F          | R\$ | 7,16   | R\$ | 429,60   |
| 56 | 150 | unid. | Plug ou bujao ferro galv ½"                    | R\$ | 2,75   | 4888  | R\$ 1,44   | R\$ 2,61   | R\$ | 1,44   | R\$ | 216,00   |
| 57 | 150 | unid. | Plug ou bujao ferro galv ¾"                    | R\$ | 3,86   | 4889  | R\$ 2,26   | R\$ 3,67   | R\$ | 2,26   | R\$ | 339,00   |
| 58 | 100 | unid. | Plug PVC c/rosca p/ agua fria predial ½"       | R\$ | 0,42   | 4895  | R\$ 0,46   | R\$ 0,40   | R\$ | 0,40   | R\$ | 40,00    |
| 59 | 100 | unid. | Plug PVC c/rosca p/ agua fria predial ¾"       | R\$ | 0,84   | 4896  | R\$ 0,69   | R\$ 0,80   | R\$ | 0,69   | R\$ | 69,00    |
| 60 | 20  | unid. | Registro PVC esfera vs soldavel dn 20          | R\$ | 9,83   | 11673 | R\$ 9,05   | R\$ 9,34   | R\$ | 9,05   | R\$ | 181,00   |
| 61 | 20  | unid. | Registro PVC esfera vs soldavel dn 25          | R\$ | 12,17  | 11674 | R\$ 11,67  | R\$ 11,56  | R\$ | 11,56  | R\$ | 231,20   |
| 62 | 20  | unid. | Registro PVC esfera vs soldavel dn 32          | R\$ | 17,92  | 11675 | R\$ 16,26  | R\$ 17,02  | R\$ | 16,26  | R\$ | 325,20   |
| 63 | 20  | unid. | Registro PVC esfera vs soldavel dn 40          | R\$ | 25,93  | 11676 | R\$ 21,55  | R\$ 24,63  | R\$ | 21,55  | R\$ | 431,00   |
| 64 | 20  | unid. | Registro PVC esfera vs soldavel dn 50          | R\$ | 26,96  | 11677 | R\$ 25,58  | R\$ 25,61  | R\$ | 25,58  | R\$ | 511,60   |
| 65 | 20  | unid. | Registro PVC esfera vs soldavel dn 60          | R\$ | 52,40  | 11678 | R\$ 44,66  | R\$ 52,40  | R\$ | 44,66  | R\$ | 893,20   |
| 66 | 20  | unid. | Sifao em metal cromado 1 ½ x 2"                | R\$ | 112,57 | 6150  | R\$ 102,78 | R\$ 112,57 | R\$ | 102,78 | R\$ | 2.055,60 |
| 67 | 15  | unid. | Sifao em metal cromado 1 x 1 ½"                | R\$ | 96,95  | 6137  | R\$ 81,72  | R\$ 96,95  | R\$ | 81,72  | R\$ | 1.225,80 |

|                                                                                                                                                                                                 |    |       |                                                          |     |        |       |           |           |     |        |     |                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|----------------------------------------------------------|-----|--------|-------|-----------|-----------|-----|--------|-----|----------------------|
| 68                                                                                                                                                                                              | 20 | unid. | Sifao flexivel p/ pia americana 1 ½ x 2"                 | R\$ | 10,50  | 20262 | R\$ 12,47 | R\$ 11,55 | R\$ | 10,50  | R\$ | 210,00               |
| 69                                                                                                                                                                                              | 15 | unid. | Sifao plastico flexivel p/ coluna 1 ½"                   | R\$ | 10,50  | 6148  | R\$ 6,85  | R\$ 9,57  | R\$ | 6,85   | R\$ | 102,75               |
| 70                                                                                                                                                                                              | 20 | unid. | Te reducao PVC c/ rosca 90g p/ agua fria predial 1" x ¾  | R\$ | 4,55   | 7119  | R\$ 6,02  | F         | R\$ | 4,55   | R\$ | 91,00                |
| 71                                                                                                                                                                                              | 20 | unid. | Te red PVC c/ rosca 90g p/ agua fria predial 1.½x¾"      | R\$ | 14,30  | 7126  | R\$ 11,15 | F         | R\$ | 11,15  | R\$ | 223,00               |
| 72                                                                                                                                                                                              | 20 | unid. | Te red PVC c/ rosca 90g p/ agua fria predial ¾" x ½"     | R\$ | 4,60   | 7120  | R\$ 4,08  | F         | R\$ | 4,08   | R\$ | 81,60                |
| 73                                                                                                                                                                                              | 20 | unid. | Te red PVC sold 90g p/ agua fria predial 110mm x 60mm    | R\$ | 115,00 | 7106  | R\$ 93,89 | F         | R\$ | 93,89  | R\$ | 1.877,80             |
| 74                                                                                                                                                                                              | 20 | unid. | Te red PVC sold 90g p/ agua fria predial 25mmx20mm       | R\$ | 1,68   | 7104  | R\$ 2,67  | R\$ 1,60  | R\$ | 1,60   | R\$ | 32,00                |
| 75                                                                                                                                                                                              | 20 | unid. | Te red PVC sold 90g p/ agua fria predial 32mmx25mm       | R\$ | 3,28   | 7136  | R\$ 5,15  | R\$ 3,12  | R\$ | 3,12   | R\$ | 62,40                |
| 76                                                                                                                                                                                              | 20 | unid. | Te red PVC sold 90g p/ agua fria predial 40mmx32mm       | R\$ | 4,35   | 7128  | R\$ 7,16  | R\$ 4,13  | R\$ | 4,13   | R\$ | 82,60                |
| 77                                                                                                                                                                                              | 20 | unid. | Te red PVC sold 90g p/ agua fria predial 50mmx20mm       | R\$ | 6,23   | 7108  | R\$ 9,70  | F         | R\$ | 6,23   | R\$ | 124,67               |
| 78                                                                                                                                                                                              | 20 | unid. | Te red PVC sold 90g p/ agua fria predial 50mmx25mm       | R\$ | 6,95   | 7129  | R\$ 8,16  | R\$ 6,60  | R\$ | 6,60   | R\$ | 132,00               |
| 79                                                                                                                                                                                              | 20 | unid. | Te red PVC sold 90g p/ agua fria predial 50mmx32mm       | R\$ | 7,70   | 7130  | R\$ 12,78 | R\$ 7,32  | R\$ | 7,32   | R\$ | 146,40               |
| 80                                                                                                                                                                                              | 20 | unid. | Te red PVC sold 90g p/ agua fria predial 50mmx40mm       | R\$ | 9,70   | 7131  | R\$ 15,92 | R\$ 9,21  | R\$ | 9,21   | R\$ | 184,20               |
| 81                                                                                                                                                                                              | 20 | unid. | Te red PVC sold 90g p/ agua fria predial 75mmx50mm       | R\$ | 22,80  | 7132  | R\$ 35,33 | F         | R\$ | 22,80  | R\$ | 456,00               |
| 82                                                                                                                                                                                              | 20 | unid. | Te red PVC sold 90g p/ agua fria predial 85mmx60mm       | R\$ | 65,00  | 7133  | R\$ 75,82 | F         | R\$ | 65,00  | R\$ | 1.300,00             |
| 83                                                                                                                                                                                              | 10 | unid. | Torneira de boia real 1.½" c/ balão plástico             | R\$ | 98,03  | 11763 | R\$ 85,63 | R\$ 98,03 | R\$ | 85,63  | R\$ | 856,30               |
| 84                                                                                                                                                                                              | 20 | unid. | Torneira longa metal amarelo ½" ou ¾" ref 1126           | R\$ | 23,67  | 21099 | R\$ 15,17 | F         | R\$ | 15,17  | R\$ | 303,40               |
| 85                                                                                                                                                                                              | 20 | unid. | Torneira curta metal amarelo ½" ou ¾" ref 1120 p/ tanque | R\$ | 18,00  | 7603  | R\$ 12,33 | F         | R\$ | 12,33  | R\$ | 246,60               |
| 86                                                                                                                                                                                              | 12 | unid. | Ducha higiênica ½" ref. Deca Duna C61 1984 act           | R\$ | 161,75 | -     |           | F         | R\$ | 161,75 | R\$ | 1.941,00             |
| 87                                                                                                                                                                                              | 30 | unid. | Reparo p válvula de descarga 2550 - Hidra                | R\$ | 26,45  | -     |           | F         | R\$ | 26,45  | R\$ | 793,40               |
| 88                                                                                                                                                                                              | 12 | unid. | Canopla p válvula de descarga 2550 - Hidra               | R\$ | 42,26  | -     |           | F         | R\$ | 42,26  | R\$ | 507,06               |
| 89                                                                                                                                                                                              | 30 | unid. | Reparo descarga acoplada modelo 1.6-GPF/6.0 LPF – Deca   | R\$ | 91,00  | -     |           | F         | R\$ | 91,00  | R\$ | 2.730,00             |
| 90                                                                                                                                                                                              | 24 | unid. | Lixa em folha p/parede ou madeira nº 220                 | R\$ | 0,75   | 3767  | R\$ 0,49  | F         | R\$ | 0,49   | R\$ | 11,76                |
| <b>Total</b>                                                                                                                                                                                    |    |       |                                                          |     |        |       |           |           |     |        |     | <b>R\$ 38.891,74</b> |
| Observações:                                                                                                                                                                                    |    |       |                                                          |     |        |       |           |           |     |        |     |                      |
| 1. As quantidades previstas nessa planilha são meramente estimativas, que serão pagos à medida que forem executados, à medida que forem solicitados pela CONTRATANTE, a seu critério exclusivo. |    |       |                                                          |     |        |       |           |           |     |        |     |                      |