

**Lucrari de amenajare a retelelor  
de iluminarea stradala in  
s.Hirbovat, r-l Anenii Noi**

(denumirea obiectivului)

Formular Nr.3

WinCmeta

**Deviz local de resurse №**

**Lucrari de amenajare a retelelor de iluminarea stradala in s.Hirbovat, r-l Anenii No**

**Valoarea de deviz 563 648,80 lei**

Intocmit in prețuri curente 07.09.2020

| № crt. | Simbol norme și Cod resurse | Denumire lucrări și cheltuieli | U.M. | Cantitate conform datelor din proiect | Valoarea de deviz, lei |       |
|--------|-----------------------------|--------------------------------|------|---------------------------------------|------------------------|-------|
|        |                             |                                |      |                                       | Pe unitate de măsură   | Total |
| 1      | 2                           | 3                              | 4    | 5                                     | 6                      | 7     |
|        |                             | Total borderou de resurse № :  |      |                                       |                        |       |

**Manopera :**

|     |               |                            |      |            |       |                  |
|-----|---------------|----------------------------|------|------------|-------|------------------|
| 1.  | 1             | Muncitor                   | h-om | 1 619,8084 | 41,11 | 66 590,41        |
| 2.  | 7123010010200 | Betonist                   | h-om | 24,0300    | 41,11 | 987,87           |
| 3.  | 7137010011510 | Electromontor              | h-om | 75,0500    | 41,11 | 3 085,31         |
| 4.  | 7137010011520 | Electrician in constructii | h-om | 103,8000   | 41,11 | 4 267,23         |
| 5.  | 7141020013300 | Zugrav vopsitor            | h-om | 48,8290    | 41,11 | 2 007,36         |
| 6.  | 7212030022700 | Sudor                      | h-om | 9,2923     | 41,11 | 381,99           |
| 7.  | 7214240021810 | Lacatus CM                 | h-om | 176,5537   | 41,11 | 7 258,11         |
| 8.  | 8141260100100 | Fasonator                  | h-om | 63,0000    | 41,11 | 2 589,93         |
| 9.  | 9310060019900 | Muncitor necalificat       | h-om | 74,7611    | 41,11 | 3 073,42         |
| 10. | 9310060019920 | Muncitor deservire CM      | h-om | 10,7323    | 41,11 | 441,18           |
| 11. | 9312040019600 | Sapator                    | h-om | 105,7100   | 41,11 | 4 345,74         |
|     |               | <b>Total manopera</b>      |      |            |       | <b>95 810,39</b> |

**Materiale:**

|     |        |                                                |     |          |        |          |
|-----|--------|------------------------------------------------|-----|----------|--------|----------|
| 1.  | 011-04 | Meta cornier 45x45x4.0                         | m   | 27,0000  | 33,33  | 899,91   |
| 2.  | 011-05 | Metal Profil Patrat 100x100x3mm                | m   | 32,0000  | 100,83 | 3 226,56 |
| 3.  | 011-06 | Metal Profil Patrat 90x90x3mm                  | m   | 24,0000  | 93,33  | 2 239,92 |
| 4.  | 011-07 | Metal. profil patrat 80x80x3mm                 | m   | 48,0000  | 80,83  | 3 879,84 |
| 5.  | 011-08 | Metal. profil rotund 32x3mm                    | m   | 12,0000  | 40,00  | 480,00   |
| 6.  | 011-09 | Profil metalic 60x60x3mm                       | m   | 18,0000  | 60,00  | 1 080,00 |
| 7.  | 011-10 | Cablu canal metalic 50x50                      | m   | 3,0000   | 35,83  | 107,49   |
| 8.  | 011-13 | Intrerupator automat BA47-29/1/B2              | buc | 4,0000   | 60,00  | 240,00   |
| 9.  | 011-14 | Intrerupator automat monofazat BA47-29-1P, 32A | buc | 3,0000   | 25,00  | 75,00    |
| 10. | 011-15 | Intrerupator automat monofazat BA47-29-1P, 25A | buc | 3,0000   | 20,00  | 60,00    |
| 11. | 011-16 | Intrerupator automat monofazat BA47-29-1P, 20A | buc | 3,0000   | 20,00  | 60,00    |
| 12. | 011-17 | Intrerupator protectie fulger OPI 1P 20kA      | buc | 3,0000   | 375,00 | 1 125,00 |
| 13. | 021-11 | Cablu bronat АПвББПв 3x4mm2                    | m   | 151,0000 | 17,92  | 2 705,92 |
| 14. | 021-12 | Cablu electric VVGng - 2x1,5 mm2               | m   | 128,6000 | 4,67   | 600,56   |

|     |          |                                                                                  |     |            |           |           |
|-----|----------|----------------------------------------------------------------------------------|-----|------------|-----------|-----------|
| 15. | 021-13   | Cablu electric VVGng - 3x1,5 mm2                                                 | m   | 110,0000   | 6,83      | 751,30    |
| 16. | 021-14   | Cablu electric VVGng - 3x2,5 mm2                                                 | m   | 132,0000   | 10,25     | 1 353,00  |
| 17. | 021-15   | Cablu SIP 2x25mm2                                                                | m   | 6 312,0000 | 9,50      | 59 964,00 |
| 18. | 021-16   | Cablu SIP 2x16mm2                                                                | m   | 409,0000   | 6,67      | 2 728,03  |
| 19. | 031-11   | Caramida plina 250x120x65mm                                                      | buc | 948,0000   | 3,33      | 3 156,84  |
| 20. | 031-12   | Nisip                                                                            | kg  | 900,0000   | 1,95      | 1 755,00  |
| 21. | 031-13   | Pietris                                                                          | kg  | 900,0000   | 2,35      | 2 115,00  |
| 22. | 041-08   | Colier de stingere CBS180                                                        | buc | 345,0000   | 2,00      | 690,00    |
| 23. | 041-09   | Banda inox F2007                                                                 | m   | 730,0000   | 7,67      | 5 599,10  |
| 24. | 041-10   | Clama pentru banda A200                                                          | buc | 710,0000   | 2,00      | 1 420,00  |
| 25. | 041-11   | Pivot de ancorare 3АБy 4x10-35                                                   | buc | 154,0000   | 35,00     | 5 390,00  |
| 26. | 041-12   | Consola CA1500                                                                   | buc | 152,0000   | 35,83     | 5 446,16  |
| 27. | 041-13   | Consola de sustinire ES1500                                                      | buc | 115,0000   | 60,00     | 6 900,00  |
| 28. | 041-14   | Clema PS-1-1                                                                     | buc | 60,0000    | 17,50     | 1 050,00  |
| 29. | 041-15   | Clema de stapungere Fidos 16-95/1,5-10                                           | buc | 333,0000   | 15,00     | 4 995,00  |
| 30. | 041-16   | Colier de stringere CBS 180                                                      | buc | 62,0000    | 2,00      | 124,00    |
| 31. | 041-17   | Clema de conectiune ZVI 4-6mm2                                                   | buc | 38,0000    | 4,33      | 164,54    |
| 32. | 051-10   | Corp de iluminat tip LED 50W                                                     | buc | 105,0000   | 340,00    | 35 700,00 |
| 33. | 051-11   | Corp de iluminat tip LED 100W                                                    | buc | 12,0000    | 416,67    | 5 000,04  |
| 34. | 051-12   | Consola pentru corp de iluminat                                                  | buc | 98,0000    | 130,00    | 12 740,00 |
| 35. | 051-13   | Consola metalica 2 coarne                                                        | buc | 4,0000     | 333,33    | 1 333,32  |
| 36. | 061-10   | Dulap BZUM TF-01-25A                                                             | buc | 3,0000     | 833,33    | 2 499,99  |
| 37. | 061-11   | Panou metalic ЦМПИ                                                               | buc | 3,0000     | 483,33    | 1 449,99  |
| 38. | 061-12   | Contor electronic monofazat ZCG112 5-40A                                         | buc | 3,0000     | 500,00    | 1 500,00  |
| 39. | 061-13   | Limitator de tensiune OPN-440                                                    | buc | 1,0000     | 355,00    | 355,00    |
| 40. | 061-14   | Timer electronic programabil ТЭ-16                                               | buc | 3,0000     | 300,00    | 900,00    |
| 41. | 061-15   | Demaror electromagnetice 40A/220V                                                | buc | 3,0000     | 250,00    | 750,00    |
| 42. | 061-17   | Furtun metelic izolat D21                                                        | buc | 18,0000    | 13,33     | 239,94    |
| 43. | 061-17   | Furtun metalic izolat D16                                                        | m   | 200,0000   | 12,08     | 2 416,00  |
| 44. | 061-18   | Clema ЗНИ (синий) 6mm2                                                           | buc | 4,0000     | 10,00     | 40,00     |
| 45. | 061-19   | Coliere pentru cablu 4.6X350 negre                                               | set | 4,0000     | 15,00     | 60,00     |
| 46. | 061-20   | Cutie de ramificare 100x100 IP65                                                 | buc | 8,0000     | 12,50     | 100,00    |
| 47. | 061-21   | Manusa termocontractibila 3x(1,5-25 mm2)                                         | buc | 8,0000     | 47,50     | 380,00    |
| 48. | 061-22   | Papuc de cablu AL6                                                               | buc | 7,0000     | 2,92      | 20,44     |
| 49. | 061-23   | Clema pentru cablu ДК25-40                                                       | buc | 3,0000     | 71,67     | 215,01    |
| 50. | 071-11   | Pilon beton armat SV10-5 (Materialele beneficiarului)                            | buc | 1,0000     | 0,00      | 0,00      |
| 51. | 071-12   | Pilon beton armat SV9-5 (Materialele beneficiarului)                             | buc | 44,0000    | 0,00      | 0,00      |
| 52. | 071-13   | Piloni din otel zincat H6                                                        | buc | 4,0000     | 2 966,67  | 11 866,68 |
| 53. | 101-0404 | Vopsea de ulei neagra                                                            | t   | 0,0180     | 35 000,00 | 630,00    |
| 54. | 101-0962 | Unsoare consistenta "Ж"                                                          | t   | 0,0013     | 19 500,00 | 25,35     |
| 55. | 101-1757 | Cirpe de sters                                                                   | kg  | 0,9000     | 35,00     | 31,50     |
| 56. | 1010069  | Benzina de aviatie "Б-70"                                                        | t   | 0,0064     | 21 000,00 | 134,40    |
| 57. | 1010115  | Suruburi cu cap semirotund, lungime 50 mm                                        | t   | 0,0047     | 44 000,00 | 206,80    |
| 58. | 1010633  | Parafina petroliera solida "II-3"                                                | t   | 0,0001     | 15 500,00 | 1,55      |
| 59. | 1010813  | Sirma din otel cu carbon redus pentru diferite destinatii, zincata, diametru 3,0 | t   | 0,0746     | 14 500,00 | 1 081,70  |

|      |               |                                                                         |          |          |           |          |
|------|---------------|-------------------------------------------------------------------------|----------|----------|-----------|----------|
|      |               | mm                                                                      |          |          |           |          |
| 60.  | 1010865       | Role de plumb, marca "C1", grosime 1,0 mm                               | t        | 0,0040   | 6 500,00  | 26,00    |
| 61.  | 1011614       | Otel-carbon calitate normala, marca "BCт3пс5-1", rotund, diametru 16 mm | t        | 0,0745   | 21 500,00 | 1 601,75 |
| 62.  | 1011627       | Otel-carbon calitate obisnuita, marca "BCт3пс5", tabla, grosime 4-6 mm  | t        | 0,0017   | 21 500,00 | 36,55    |
| 63.  | 1011755       | Otel fisie calmat, marca "CT3сп", latime 50-200 mm, grosime 4-5 mm      | t        | 0,1161   | 21 500,00 | 2 496,15 |
| 64.  | 1011786       | Lac de bitum "BT-123"                                                   | t        | 0,0020   | 25 000,00 | 50,00    |
| 65.  | 1011924       | Electrozi 342A, diametru 4 mm                                           | kg       | 5,6318   | 41,67     | 234,69   |
| 66.  | 1011964       | Sfoara (spagat) de hirtie                                               | kg       | 0,0040   | 32,00     | 0,13     |
| 67.  | 1011977       | Suruburi cu piulite si saibe                                            | kg       | 16,2830  | 15,00     | 244,26   |
| 68.  | 1019100       | Cartus pentru impuscat                                                  | 10 buc   | 70,6990  | 12,00     | 848,41   |
| 69.  | 1019103       | Dibluri de distantare                                                   | 100 buc  | 0,2360   | 100,00    | 23,60    |
| 70.  | 1019109       | Dibluri pentru conexiune                                                | 10 buc   | 70,6990  | 12,00     | 848,41   |
| 71.  | 1019373       | Otel fisie necalmat 40x4 mm                                             | t        | 0,0520   | 18 500,00 | 962,00   |
| 72.  | 1019460       | Banda "IIXB-304"                                                        | kg       | 1,4040   | 165,00    | 231,66   |
| 73.  | 1019760       | Lac de electroizolatie "318"                                            | kg       | 0,1380   | 27,00     | 3,71     |
| 74.  | 1019852       | Vopsea                                                                  | kg       | 59,9720  | 12,50     | 749,68   |
| 75.  | 1039160       | Mansoane de cuplare                                                     | buc      | 21,8000  | 25,00     | 545,00   |
| 76.  | 110-9126      | Placi metalice                                                          | buc      | 4,5000   | 100,00    | 450,00   |
| 77.  | 113-0079      | Lac de bitum "BT-577"                                                   | t        | 0,0045   | 24 000,00 | 108,00   |
| 78.  | 1421102200290 | Pietris ciuruit spalat de mal 7-30 mm                                   | m3       | 0,4386   | 235,00    | 103,08   |
| 79.  | 1421102200525 | Nisip sortat nespalat de riu si lacuri 0,0-7,0 mm                       | m3       | 0,4749   | 195,00    | 92,61    |
| 80.  | 1711317306661 | Bumbac de sters                                                         | kg       | 2,2195   | 4,33      | 9,61     |
| 81.  | 2019408       | Constructii din otel individuale, grilaje sudate, masa pina la 0,1 t    | t        | 0,0700   | 4 500,00  | 315,00   |
| 82.  | 2320166200676 | White spirit                                                            | kg       | 4,4390   | 18,33     | 81,37    |
| 83.  | 2430116104160 | Email alchidic                                                          | kg       | 7,5463   | 46,67     | 352,18   |
| 84.  | 2430226100700 | Grund alchidic                                                          | kg       | 4,6166   | 20,83     | 96,16    |
| 85.  | 2430226109444 | Diluant alchidic D.005-12 NI 1708-61 A1                                 | kg       | 4,8829   | 11,83     | 57,76    |
| 86.  | 2651122100397 | Ciment metalurgic cu adaosuri M 30                                      | kg       | 112,6650 | 2,00      | 225,33   |
| 87.  | 2651122100402 | Ciment                                                                  | kg       | 900,0000 | 2,00      | 1 800,00 |
| 88.  | 2681126001472 | Hirtie slefuita uscata 23x30 gr 6                                       | buc      | 8,8780   | 5,83      | 51,76    |
| 89.  | 2873155901200 | Electrozi pentru sudura                                                 | kg       | 3,9412   | 41,67     | 164,23   |
| 90.  | 4100116202818 | Apa pentru mortare si betoane                                           | m3       | 0,1644   | 15,00     | 2,46     |
| 91.  | 5009031       | Scoabe                                                                  | 10 buc   | 55,1330  | 37,50     | 2 067,49 |
| 92.  | 5009061       | Fisa de izolatie                                                        | buc      | 21,8000  | 0,15      | 3,27     |
| 93.  | 5009062       | Papuci de cablu                                                         | buc      | 79,3000  | 0,15      | 11,91    |
| 94.  | 5009081       | Punti de conexiune flexibile, tip "IIFC-50"                             | buc      | 29,9000  | 11,67     | 348,93   |
| 95.  | 5009101       | Butoane de montaj                                                       | 1000 buc | 0,0596   | 2 500,00  | 149,00   |
| 96.  | 5009264       | Teava de policlorvinila                                                 | kg       | 1,1700   | 26,67     | 31,20    |
| 97.  | 5009368       | Cleme in asortiment                                                     | buc      | 12,2400  | 17,50     | 214,20   |
| 98.  | 5009500       | Fise de marcare                                                         | 100 buc  | 0,5085   | 185,00    | 94,09    |
| 99.  | 5009619       | Ate de cusut                                                            | kg       | 0,0040   | 541,67    | 2,17     |
| 100. | 5009623       | Banda "K226"                                                            | 100 m    | 0,2000   | 62,50     | 12,48    |
| 101. | 5009807       | Formari de capuri de marcare                                            | 100 buc  | 0,2448   | 125,00    | 30,60    |
|      | 5220077       | Aliaje de staniu-plumb fara stibiu, marca                               | kg       | 2,6080   | 133,33    | 347,72   |

|                                       |          |                                                                                                                              |    |        |          |                   |
|---------------------------------------|----------|------------------------------------------------------------------------------------------------------------------------------|----|--------|----------|-------------------|
| 102.                                  |          | "ИОС30"                                                                                                                      |    |        |          |                   |
| 103.                                  | 542-9025 | Lubrifiant "ЗЭС"                                                                                                             | kg | 4,5000 | 112,50   | 506,25            |
| 104.                                  | 5420042  | Propan-butan, amestec tehnic                                                                                                 | kg | 1,2000 | 33,33    | 40,00             |
| 105.                                  | 5429033  | Vaselina tehnica                                                                                                             | kg | 0,1230 | 1 000,00 | 123,00            |
| 106.                                  | 5440089  | Banda adeziva izolatoare pe compound policasin, marca "ЖИЭИЛТ", latime 20-30 mm, grosime de la 0,14 pina la 0,19 mm inclusiv | kg | 1,4700 | 165,00   | 242,55            |
| <b>Total materiale de construcții</b> |          |                                                                                                                              |    |        |          | <b>217 598,00</b> |

**Utilaje de construcții:**

|     |               |                                                                                                                        |      |          |        |           |
|-----|---------------|------------------------------------------------------------------------------------------------------------------------|------|----------|--------|-----------|
| 1.  | 010201        | Remorci de tractor, 2 t                                                                                                | h-ut | 17,1000  | 55,00  | 940,50    |
| 2.  | 010410        | Tractoare cu roti pneumatice la lucrari in alte domenii de constructii (cu exceptia gospodarii apelor) 59 kW (80 c.p.) | h-ut | 17,1000  | 55,00  | 940,50    |
| 3.  | 021102        | Macara pe sasiu auto la lucrari de montare a utilajului tehnologic (cu exceptia conductelor principale), 10 t          | h-ut | 8,9249   | 55,00  | 490,87    |
| 4.  | 021141        | Automacara la lucrari in alte domenii de constructii (cu exceptia conductelor principale), 10 t                        | h-ut | 10,8000  | 55,00  | 594,00    |
| 5.  | 030201        | Cricuri hidraulice, tonaj 6,3 t                                                                                        | h-ut | 0,5544   | 50,00  | 27,72     |
| 6.  | 030203        | Cricuri hidraulice, capacitate de ridicare 63 t                                                                        | h-ut | 13,9719  | 5,00   | 69,86     |
| 7.  | 0302031       | Cricuri hidraulice, capacitatea de ridicare 63t                                                                        | h-ut | 65,5971  | 5,00   | 327,98    |
| 8.  | 030408        | Cabestane electrice, forta de tractiune 156,96 (16) kN (t)                                                             | h-ut | 13,9759  | 15,00  | 209,64    |
| 9.  | 030411        | Cabestane electrice cu forta de tractiune 122,62 (KN) (12,5 t)                                                         | h-ut | 80,3158  | 15,00  | 1 204,76  |
| 10. | 030902        | Ascensoare hidraulice, capacitate de ridicare 10 m                                                                     | h-ut | 0,3540   | 10,00  | 3,54      |
| 11. | 031002        | Autohidroascensor                                                                                                      | h-ut | 164,0597 | 15,00  | 2 460,89  |
| 12. | 031050        | Turle telescopice, 25 m                                                                                                | h-ut | 249,4900 | 35,00  | 8 732,15  |
| 13. | 040502        | Instalatii pentru sudare manuala cu arc electric (de curent continuu)                                                  | h-ut | 49,5516  | 42,00  | 2 081,15  |
| 14. | 050102        | Compresoare mobile, motor cu ardere interna, presiune 686 kPa (7 atm) 5 m3/min                                         | h-ut | 0,6600   | 100,00 | 66,00     |
| 15. | 100602        | Ciocane usoare perforatoare la lucrari la statii mobile de compresare                                                  | h-ut | 0,6600   | 36,00  | 23,76     |
| 16. | 160202        | Macara pe tractor 121 (165) kW (c.p.) 10 t (cu remorca)                                                                | h-ut | 0,5526   | 225,00 | 124,34    |
| 17. | 160402        | Masini de foraj-macara pe automobil, adincime de foraj 3,5 m                                                           | h-ut | 35,1000  | 450,00 | 15 795,00 |
| 18. | 160601        | Tractoare cu senile cu troliu, 132 (180) kW (c.p.)                                                                     | h-ut | 0,7812   | 125,00 | 97,65     |
| 19. | 161002        | Automacara, 16 t                                                                                                       | h-ut | 0,1872   | 250,00 | 46,80     |
| 20. | 2952270003100 | Vibrator de adincime                                                                                                   | h-ut | 0,3600   | 45,00  | 16,20     |
| 21. | 2952270004021 | Mai mecanic de 150-200 kg cu motor termic 6 cp (4 kw)                                                                  | h-ut | 3,1690   | 100,00 | 316,90    |

|     |               |                                                                               |      |         |        |                  |
|-----|---------------|-------------------------------------------------------------------------------|------|---------|--------|------------------|
| 22. | 2955270002608 | Fierastrau mecanic cu lant de 2,2 kw, 3 cp (Drujba)                           | h-ut | 12,0000 | 25,00  | 300,00           |
| 23. | 330206        | Masini de gaurit electrice                                                    | h-ut | 0,6400  | 25,00  | 16,00            |
| 24. | 331451        | Perforatoare electrice                                                        | h-ut | 9,7533  | 25,00  | 243,83           |
| 25. | 3410520005701 | Autoturn                                                                      | h-ut | 15,0000 | 50,00  | 750,00           |
| 26. | 3410520006739 | Macara pe pneuri pentru executarea lucrarilor de alt gen din constructie 10 t | h-ut | 5,5113  | 135,00 | 744,02           |
| 27. | 3410520006752 | Automacara 6 - 10 tf                                                          | h-ut | 0,1500  | 150,00 | 22,50            |
| 28. | 3410540004803 | Autolaborator mobil de verificari si incercari electrice pe auto 3 t          | h-ut | 4,8000  | 450,00 | 2 160,00         |
| 29. | 350451        | Prese hidraulice cu dispozitiv de actionare electrica                         | h-ut | 0,6000  | 50,00  | 30,00            |
| 30. | 400001        | Autocamion de bord, tonaj pina la 5 t                                         | h-ut | 8,5500  | 80,00  | 684,00           |
| 31. | 400002        | Automobile cu bord, tonaj pina la 8 t                                         | h-ut | 8,9249  | 80,00  | 713,97           |
| 32. | 400311        | Autocamioane speciale, tonaj pina la 8 t, (vehicule pentru orice teren)       | h-ut | 0,3330  | 450,00 | 149,85           |
|     |               | <b>Total utilaje de constructii</b>                                           |      |         |        | <b>40 685,52</b> |

|       |      |            |
|-------|------|------------|
| Total | lei  | 469 707,33 |
| TVA   | 20 % | 93 941,47  |

**Total deviz:**

**563 648,80**

Intocmit

\_\_\_\_\_  
(funcția, semnătura, numele, prenumele)

Verificat

\_\_\_\_\_  
(funcția, semnătura, numele, prenumele)