

„Vodozádržné opatrenia v obci Beňatina“

CSS-stav, s.r.o.

Harmonogram stavby - podrobný časový plán výstavby

4 stavebné objekty

4- samostatné pracovné skupiny

| SO 01                                                     |            |             |          |           |          |         |          |        |          |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----------------------------------------------------------|------------|-------------|----------|-----------|----------|---------|----------|--------|----------|-----------|-----------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| NAZOV CINNOSTI                                            | PRACOVNICI | MNOŽSTVO    | CENA     | Preacnosť | Doba     | Rezerva | Začiatok | Koniec | Začiatok | Koniec    |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|                                                           |            | M.j.        | (EUR)    | (Nh/m.j.) | (Nh)     | (dni)   | (dni)    | možný  | možný    | pripustny | pripustny | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
|                                                           |            |             |          |           |          |         |          |        |          |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| ZARIADENIE STAVENISKA + prípravné práce                   | 3          | 1<br>KPL    | 2000     | 0,666667  | 0,666667 | 0,5     | 0        | 1      | 1        |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| OCHRANA STROMU                                            | 2          | 8<br>M2     | 279,2    | 1         | 8        | 0,5     | 0        | 2      | 2        |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| DOČASNÉ DOPRAVNÉ ZNAČENIE                                 | 2          | 1<br>KPL    | 600      | 1         | 1        | 0,5     | 0        | 1      | 1        |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Odstránenie krytu z betónu prostého                       | 2          | 35,5<br>M2  | 1306,4   | 0,5       | 17,75    | 1       | 0        | 2      | 2        |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Výkop ryhy, jamy, šachty                                  | 2          | 314,6<br>M3 | 17162,59 | 0,125     | 39,325   | 4       |          | 3      | 6        |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Nakladanie a Vodorovné premiestnenie výkopku              | 1          | 299,6<br>M3 | 41592,93 | 0,25      | 74,9     | 4       |          | 3      | 6        |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Paženie stien                                             | 3          | 24<br>M2    | 348,96   | 0,333333  | 8        | 1       |          | 5      | 5        |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Lôžko pod potrubie, stoky, drobné objekty, nádrž a šachtu | 2          | 16,75<br>M3 | 1005,67  | 0,166667  | 2,791667 | 3       |          | 7      | 9        |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| RÚROVÉ VEDENIE                                            | 3          | 170<br>M    | 3041,67  | 0,083333  | 14,16667 | 4       |          | 8      | 11       |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Osadenie akumulácie nádrže + šachty                       | 2          | 4<br>kpl    | 11067,6  | 0,5       | 2        | 1       |          | 10     | 10       |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Zhotovenie izolácie proti zemnej vlhkosti                 | 1          | 124<br>M2   | 1203,11  | 0,5       | 62       | 2       |          | 11     | 12       |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Zhotov. oplášť. výplne z geotex                           | 1          | 222<br>M2   | 1213,9   | 0,5       | 111      | 2       |          | 13     | 14       |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Obsyp objektov a potrubia sypaninou                       | 3          | 212,8<br>M3 | 7991,18  | 0,111111  | 23,64444 | 3       |          | 15     | 17       |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Zásyp sypaninou so zhutnením jám, šachiet, rýh            | 2          | 42<br>M3    | 2081,46  | 0,166667  | 7        | 3       |          | 15     | 17       |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Osadenie cestného obrubníka betónového stojateho          | 4          | 62<br>M     | 2229,89  | 0,25      | 15,5     | 1       |          | 18     | 18       |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| DOSYPANIE OKAPOVÉHO CHODNÍKA                              | 2          | 35,5<br>M2  | 170,4    | 1         | 35,5     | 0,5     |          | 19     | 19       |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| VYPRATANIE STAVENISKA                                     | 4          | 600<br>M2   | 4400     | 0,125     | 75       | 2       |          | 20     | 21       |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| VÝSTUPNA KONTROLA                                         | 1          | 1           | 4400     | 1         | 1        | 1       |          | 22     | 22       |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |

102094,96

| SO 02                                                     |            |              |          |           |          |       |         |          |        |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|-----------------------------------------------------------|------------|--------------|----------|-----------|----------|-------|---------|----------|--------|-----------|-----------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|
| NAZOV CINNOSTI                                            | PRACOVNICI | MNOŽSTVO     | CENA     | Preacnosť |          | Doba  | Rezerva | Začiatok | Koniec | Začiatok  | Koniec    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|                                                           |            | M.j.         | (EUR)    | (Nh/m.j.) | (Nh)     | (dni) | (dni)   | možný    | možný  | pripustny | pripustny | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |  |
| ZARIADENIE STAVENISKA + prípravné práce                   | 1          | 1<br>KPL     | 3200     | 2         | 2        | 0,5   | 0       | 1        | 1      |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|                                                           |            |              |          |           |          |       |         |          |        |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| DOČASNÉ DOPRAVNÉ ZNAČENIE                                 | 2          | 1<br>KPL     | 600      | 1         | 1        | 0,5   |         | 1        | 1      |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| Odstránenie krytu z betónu prostého a kame                | 2          | 372<br>M2    | 30504    | 0,25      | 93       | 2     |         | 1        | 2      |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| Výkop ryhy, jamy, šachty                                  | 2          | 334,65<br>M3 | 20940,17 | 0,125     | 41,83125 | 4     |         | 1        | 4      |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| Nakladanie a Vodorovné premiestnenie výkopku              | 1          | 331,65<br>M3 | 76816,96 | 0,25      | 82,9125  | 4     |         | 1        | 4      |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| Podklad z kameniva                                        | 3          | 396,85<br>M2 | 9881,55  | 0,111111  | 44,09444 | 3     |         | 15       | 17     |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| Dlažba                                                    | 5          | 366<br>M2    | 26744,54 | 0,05      | 18,3     | 4     |         | 18       | 20     |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| Paženie stien                                             | 3          | 34,56<br>M2  | 602,04   | 0,166667  | 5,76     | 2     |         | 4        | 7      |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| Lôžko pod potrubie, stoky, drobné objekty, nádrž a šachtu | 2          | 18,8<br>M3   | 1145,7   | 0,166667  | 3,133333 | 3     |         | 2        | 4      |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| RÚROVÉ VEDENIE                                            | 3          | 200<br>M     | 3830,74  | 0,083333  | 16,66667 | 4     |         | 2        | 6      |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| Osadenie akumulačnej nádrže + šachty                      | 2          | 5<br>kpl     | 9338,6   | 0,5       | 2,5      | 1     |         | 5        | 5      |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| Zhotovenie izolácie proti zemnej vlhkosti                 | 1          | 160<br>M2    | 1766,8   | 0,5       | 80       | 2     |         | 6        | 7      |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| Zhotov. oplášť. výplne z geotex                           | 1          | 372,8<br>M2  | 5770,62  | 0,5       | 186,4    | 2     |         | 8        | 9      |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| Obsyp objektov a potrubia sypaninou                       | 5          | 205,9<br>M3  | 9355,8   | 0,1       | 20,59    | 2     |         | 9        | 10     |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| Zásyp sypaninou so zhutnením jám, šachiet, rýh            | 5          | 46,65<br>M3  | 215,52   | 0,1       | 4,665    | 2     |         | 11       | 12     |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| Osadenie cestného obrubníka betónového stojatého          | 4          | 199<br>M     | 7720,71  | 0,125     | 24,875   | 2     |         | 13       | 14     |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| DOSYPANIE OKAPOVÉHO CHODNÍKA                              | 2          | 45<br>M2     | 216      | 1         | 45       | 0,5   |         | 15       | 15     |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| VYPRATANIE STAVENISKA                                     | 4          | 600<br>M2    | 5914,11  | 0,25      | 150      | 1     |         | 21       | 22     |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| VÝSTUPNA KONTROLA                                         | 1          | 1            | 10644    | 1         | 1        | 1     |         | 23       | 23     |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |

225207,86

| SO 03                                        |            |             |          |           |          |       |         |          |        |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|----------------------------------------------|------------|-------------|----------|-----------|----------|-------|---------|----------|--------|-----------|-----------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|
| NAZOV CINNOSTI                               | PRACOVNICI | MNOŽSTVO    | CENA     | Preacnosť |          | Doba  | Rezerva | Začiatok | Koniec | Začiatok  | Koniec    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|                                              |            | M.j.        | (EUR)    | (Nh/m.j.) | (Nh)     | (dni) | (dni)   | možný    | možný  | pripustny | pripustny | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |  |
|                                              |            |             |          |           |          |       |         |          |        |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| ZARIADENIE STAVENISKA + prípravné práce      | 1          | 1<br>KPL    | 3200     | 2         | 2        | 0,5   | 0       | 1        | 1      |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| Výsadba drevín a rastlín                     | 4          | 601         | 10848,88 | 0,05      | 30,05    | 5     |         | 14       | 18     |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| Odstránenie trstia travín                    | 1          | 235<br>M2   | 1292,5   | 1         | 235      | 1     |         | 1        | 1      |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| Výkop ryhy, jamy, šachty                     | 2          | 210,8<br>M3 | 5766,267 | 0,166667  | 35,13333 | 3     |         | 1        | 3      |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| Nakladanie a Vodorovné premiestnenie výkopku | 1          | 210,8<br>M3 | 28393,71 | 0,25      | 52,7     | 4     |         | 2        | 4      |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| Podklad z kameniva a substrátu a mľčovanie   | 3          | 235<br>M2   | 34629,2  | 0,083333  | 19,58333 | 4     |         | 6        | 9      |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| Úprava terénu                                | 2          | 235<br>M2   | 799      | 0,166667  | 39,16667 | 3     |         | 2        | 4      |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| Lôžko pod žľab                               | 4          | 20,33<br>M3 | 2490     | 0,125     | 2,54125  | 2     |         | 10       | 11     |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| Žľab                                         | 4          | 122<br>M    | 3163,87  | 0,125     | 15,25    | 2     |         | 12       | 13     |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| Zhotov. oplášť. výplne z geotex              | 1          | 220<br>M2   | 1090,54  | 1         | 220      | 1     |         | 5        | 5      |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| Rovnanina z lomového kameňa                  | 1          | 2,35<br>M3  | 263,2    | 2         | 4,7      | 0,5   |         | 19       | 19     |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| Spevnenie krajníc                            | 2          | 61<br>M2    | 216      | 0,25      | 15,25    | 2     |         | 20       | 21     |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| VYPRATANIE STAVENISKA                        | 4          | 220<br>M2   | 2200     | 0,125     | 27,5     | 2     |         | 22       | 23     |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| VÝSTUPNA KONTROLA                            | 1          | 1           | 1600     | 1         | 1        | 1     |         | 23       | 23     |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |

95953,17

| So 04                                        |            |            |         |           |          |       |         |          |        |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |
|----------------------------------------------|------------|------------|---------|-----------|----------|-------|---------|----------|--------|-----------|-----------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|--|--|
| NAZOV CINNOSTI                               | PRACOVNICI | MNOŽSTVO   | CENA    | Preacnosť |          | Doba  | Rezerva | Začiatok | Koniec | Začiatok  | Koniec    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |
|                                              |            | M.j.       | (EUR)   | (Nh/m.j.) | (Nh)     | (dni) | (dni)   | možný    | možný  | pripustny | pripustny | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |  |  |  |
|                                              |            |            |         |           |          |       |         |          |        |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |
| ZARIADENIE STAVENISKA + prípravné práce      | 1          | 1<br>KPL   | 3280    | 2         | 2        | 0,5   | 0       | 1        | 1      |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |
| Dočasné dopravné značenie                    | 1          | 1<br>kpl   | 600     | 1         | 1        | 1     |         | 1        | 1      |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |
| Odstránenie mačiny                           | 1          | 6,24<br>M2 | 28,08   | 1         | 6,24     | 1     |         | 2        | 2      |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |
| Výkop ryhy, jamy, šachty                     | 2          | 76<br>M3   | 6113,8  | 0,25      | 19       | 2     |         | 3        | 4      |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |
| Nakladanie a Vodorovné premiestnenie výkopku | 1          | 76<br>M3   | 10244,8 | 0,5       | 38       | 2     |         | 5        | 6      |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |
| čistenie priepustov                          | 2          | 8<br>M     | 309,6   | 0,5       | 4        | 1     |         | 7        | 7      |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |
| VSAKY                                        | 4          | 36<br>M3   | 13051   | 0,05      | 1,8      | 5     |         | 8        | 12     |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |
| Zhotov. oplášť. výplne z geotex              | 4          | 402<br>M2  | 2791,72 | 0,05      | 20,1     | 5     |         | 8        | 12     |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |
| Obsyp sypaninou                              | 1          | 38<br>M3   | 1854,4  | 0,333333  | 12,66667 | 3     |         | 13       | 15     |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |
| Spevnenie krajníc                            | 2          | 66<br>M2   | 382,8   | 0,25      | 16,5     | 2     |         | 16       | 17     |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |
| VYPRATANIE STAVENISKA                        | 4          | 100<br>M2  | 1000    | 0,125     | 12,5     | 2     |         | 18       | 19     |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |
| VÝSTUPNA KONTROLA                            | 1          | 1          | 2080    | 1         | 1        | 1     |         | 20       | 20     |           |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |

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Hlavná činnosť  
Časová jednotka - deň

Vynútený termín

Hlavná väzba