

Beneficiarul: MUNICIPIUL TIRGU MURES

Proiectantul: PFA KLOSZ BALINT - Tirgu Mures

Obiectivul: [375/2018] Rezervor de acumulare statie de pompare si hidranti interiori la Gradinita nr.15, Tg.Mures, str.Mihai Viteazu nr.16-28

Obiectul: [02] Retele exterioare

Devizul: [2.1] Instalatii exterioare de alimentare cu apa si canalizare

Formularul F3 - Lista cu cantitati de lucrari pe categorii de lucrari

| SECTIUNEA TEHNICA | | | | | SECTIUNEA FINANCIARA | |
|-------------------|--------------|---|--------|------------|----------------------|--------------------|
| Nr | Simbol | Capitolul de lucrari | UM | Cantitatea | Pretul unitar (Lei) | Pretul total (Lei) |
| | Cap.1 | D - Desfacere pavaje | | | | |
| 1 | DG06A1 | Spargerea si desfacerea betonului de ciment pe suprafete limitate, pentru pozarea conductelor | mc | 24,500 | | |
| | | | | Material: | | |
| | | | | Manopera: | | |
| | | | | Utilaj: | | |
| | | | | Transport: | | |
| | . | . | | | | |
| | Cap.2 | Ts - Lucrari de terasamente | | | | |
| 2 | TSA04C1 | Sapatura manuala de pamant in spatii limitate,avand sub 1 m latime executata cu sprijiniri,cu evacuare manuala,in pamant cu umiditate naturala adancimea sapaturii 0-1,5 m teren tare | mc | 63,700 | | |
| | | | | Material: | | |
| | | | | Manopera: | | |
| | | | | Utilaj: | | |
| | | | | Transport: | | |
| 3 | TSA24A1 | Epuizarea mecanica a apelor din sapaturi, (0,3 ore/ml sapatura) | ora | 21,000 | | |
| | | | | Material: | | |
| | | | | Manopera: | | |
| | | | | Utilaj: | | |
| | | | | Transport: | | |
| 4 | TSD01B1 | Imprastierea cu lopata a pamant. afinat,strat uniform 10-30cm. gros cu sfarim. bulg. teren teren tare | mc | 27,440 | | |
| | | | | Material: | | |
| | | | | Manopera: | | |
| | | | | Utilaj: | | |
| | | | | Transport: | | |
| 5 | TSD04D1 | Compactarea cu maiul de mana a umpluturilor inclusiv udarea fiecarui strat de pamant in parte, avand : 20 cm grosime pamant coeziv | mc | 9,800 | | |
| | | | | Material: | | |
| | | | | Manopera: | | |
| | | | | Utilaj: | | |
| | | | | Transport: | | |
| 6 | TSD05B1 | Compactarea cu maiul mecanic a umpluturilor in straturi succesive de 20-30 cm grosime, | 100 mc | 0,177 | | |
| | | | | Material: | | |
| | | | | Manopera: | | |
| | | | | Utilaj: | | |
| | | | | Transport: | | |
| 7 | TSF05A1 | Sprijiniri de maluri,cu dulapi metalici asezati orizontal,la sapaturi executate in spatii limitate,avand latimea de pana la 1.50 m intre maluri | mp | 210,000 | | |
| | | | | Material: | | |
| | | | | Manopera: | | |
| | | | | Utilaj: | | |
| | | | | Transport: | | |
| | . | . | | | | |

| | | | | | | |
|------|--------------|--|-------|------------|--|--|
| | Cap.3 | Conducte, piese de legatura | | | | |
| 8 | AcA01A+ | Pregatirea pt.imbinare teava polietilena de inalta densitate (PEHD) - si pozitionarea in pamant dupa imbinare d= 63 mm, Pn 10, incl.fitinguri | m | 70,000 | | |
| | | | | Material: | | |
| | | | | Manopera: | | |
| | | | | Utilaj: | | |
| | | | | Transport: | | |
| 8.1 | 20019540 | Banda avertizare <waterkit> apa 11,5cmx0,17mm | m | 77,000 | | |
| | | | | Material: | | |
| | | | | Transport: | | |
| 8.2 | 20023307 | Tub apa pe100 d. 63+fitinguri | m | 73,500 | | |
| | | | | Material: | | |
| | | | | Transport: | | |
| 9 | ACE08A1 | Umplutura in sant. la cond. de alim. cu apa si canalizare cu: nisip | mc | 21,560 | | |
| | | | | Material: | | |
| | | | | Manopera: | | |
| | | | | Utilaj: | | |
| | | | | Transport: | | |
| 10 | AcE1102A01+ | Cămine de inspectie polietilena d= 600 mm - capac inclus, incl.accessorii | buc | 1,000 | | |
| | | | | Material: | | |
| | | | | Manopera: | | |
| | | | | Utilaj: | | |
| | | | | Transport: | | |
| 10.1 | 20049222 | Camin inspectie polietilena d= 600mm | buc | 1,000 | | |
| | | | | Material: | | |
| | | | | Transport: | | |
| 10.2 | 20049298 | Lubrifiant | buc | 0,140 | | |
| | | | | Material: | | |
| | | | | Transport: | | |
| 11 | ACE07A1 | Spalarea si desinfectarea conductelor de alimentare cu apa din PEHD | 100 m | 0,700 | | |
| | | | | Material: | | |
| | | | | Manopera: | | |
| | | | | Utilaj: | | |
| | | | | Transport: | | |
| 12 | SF05C1 | Efectuarea probei de etans. la presiune a conductelor de alimentare cu apa din PEHD | m | 70,000 | | |
| | | | | Material: | | |
| | | | | Manopera: | | |
| | | | | Utilaj: | | |
| | | | | Transport: | | |
| | . | . | | | | |
| | Cap.4 | D - Refaceri pavaje | | | | |
| 13 | DA06A1 | Strat de agregate naturale cilindrare, cu asternere manuala - balast | mc | 14,700 | | |
| | | | | Material: | | |
| | | | | Manopera: | | |
| | | | | Utilaj: | | |
| | | | | Transport: | | |
| 14 | DC05C1 | Imbracaminte din beton de ciment la drumuri executata intr-un singur strat, in grosime de : 20 cm; carosabil | mp | 14,000 | | |
| | | | | Material: | | |
| | | | | Manopera: | | |
| | | | | Utilaj: | | |
| | | | | Transport: | | |
| 15 | DZ30L1 | Preparare beton de ciment pentru imbracaminti de drumuri, marca B 300 | mc | 24,500 | | |
| | | | | Material: | | |
| | | | | Manopera: | | |
| | | | | Utilaj: | | |

| | | | | | | |
|----|--------------|--|------|------------|--|--|
| | | | | Transport: | | |
| | . | . | | | | |
| | Cap.5 | TR - Transporturi | | | | |
| 16 | TRA01A08P | Transportul rutier material moloz, beton spart cu autobasculanta dist.= 8 km | tona | 9,260 | | |
| | | | | Material: | | |
| | | | | Manopera: | | |
| | | | | Utilaj: | | |
| | | | | Transport: | | |
| 17 | TRI1AA01C1 | Incarcarea beton spart, in autobasculanta | tona | 9,260 | | |
| | | | | Material: | | |
| | | | | Manopera: | | |
| | | | | Utilaj: | | |
| | | | | Transport: | | |
| 18 | TRA01A08P | Transportul rutier al pamantului cu autobasculanta dist.= 8 km | tona | 164,000 | | |
| | | | | Material: | | |
| | | | | Manopera: | | |
| | | | | Utilaj: | | |
| | | | | Transport: | | |
| 19 | TRI1AA01C1 | Incarcarea pamantului (1,8 to/mc) in autobasculanta | tona | 164,000 | | |
| | | | | Material: | | |
| | | | | Manopera: | | |
| | | | | Utilaj: | | |
| | | | | Transport: | | |
| 20 | TRA01A08P | Transportul rutier al nisipului, balastului cu autobasculanta dist.= 8 km | tona | 64,000 | | |
| | | | | Material: | | |
| | | | | Manopera: | | |
| | | | | Utilaj: | | |
| | | | | Transport: | | |
| 21 | TRB01A11 | Transportul nisip cu roaba pe pneuri distanta 10m | tona | 39,000 | | |
| | | | | Material: | | |
| | | | | Manopera: | | |
| | | | | Utilaj: | | |
| | | | | Transport: | | |
| 22 | TRA05A08 | Transport beton cu autovehic. speciale Citorom pe dist.de 8 (2,4 to/mc) | tona | 12,500 | | |
| | | | | Material: | | |
| | | | | Manopera: | | |
| | | | | Utilaj: | | |
| | | | | Transport: | | |
| | . | . | | | | |

| | |
|--|--|
| Total ore manopera (ore) | |
| Total greutate materiale (tone) | |

| | | | | | |
|---------------------------------|-----------------|-----------------|---------------|------------------|--------------|
| | Material | Manopera | Utilaj | Transport | Total |
| Total Cheltuieli Directe | | | | | |

| | | | | | | |
|--------------------------------|----------------|-----------------|-----------------|---------------|------------------|--------------|
| Alte cheltuieli directe | | | | | | |
| Coeficient | Valoare | Material | Manopera | Utilaj | Transport | Total |
| Contributia | % | | | | | |

| | | Material | Manopera | Utilaj | Transport | Total |
|---------------------------------|---|----------|----------|--------|-----------|-------|
| Total Cheltuieli Directe | | | | | | |
| Cheltuieli indirecte | % | | | | | |
| Profit | % | | | | | |

| | |
|-------------------------------|--|
| Total General fara TVA | |
| TVA (19%) | |
| TOTAL GENERAL (Lei) | |

| |
|---|
| Raport generat cu programul WinDocDeviz, creat de Softmagazin; www.windocdeviz.ro ; |
|---|

Beneficiarul: MUNICIPIUL TIRGU MURES

Proiectantul: PFA KLOSZ BALINT - Tirgu Mures

Obiectivul: [375/2018] Rezervor de acumulare statie de pompare si hidranti interiori la Gradinita nr.15, Tg.Mures, str.Mihai Viteazu nr.16-28

Obiectul: [4.1.] Instalatii hidranti interiori

Devizul: [4.1.4-1.1] Instalatii hidranti interiori

Formularul F3 - Lista cu cantitati de lucrari pe categorii de lucrari

| SECTIUNEA TEHNICA | | | | | SECTIUNEA FINANCIARA | |
|-------------------|---------|--|-----|------------|----------------------|--------------------|
| Nr | Simbol | Capitolul de lucrari | UM | Cantitatea | Pretul unitar (Lei) | Pretul total (Lei) |
| 1 | SA07A1 | Teava otel zincata pt instalatii hidranti d=50 mm | m | 60,000 | | |
| | | | | Material: | | |
| | | | | Manopera: | | |
| | | | | Utilaj: | | |
| | | | | Transport: | | |
| 1.1 | 3306728 | Teava otel zincata pentru inst. d= 50 mm | m | 60,600 | | |
| | | | | Material: | | |
| | | | | Transport: | | |
| 2 | SA35A1 | Teu otel zincat avand d= 50 mm, la hidranti interiori | buc | 4,000 | | |
| | | | | Material: | | |
| | | | | Manopera: | | |
| | | | | Utilaj: | | |
| | | | | Transport: | | |
| 2.1 | 4115558 | Teu otel zincat d= 50 mm | buc | 4,000 | | |
| | | | | Material: | | |
| | | | | Transport: | | |
| 3 | SA35A# | Cot otel zincat pt.instalatii hidranti d=50 mm | buc | 18,000 | | |
| | | | | Material: | | |
| | | | | Manopera: | | |
| | | | | Utilaj: | | |
| | | | | Transport: | | |
| 3.1 | 4118035 | Cot otel zincat d=50mm | buc | 18,000 | | |
| | | | | Material: | | |
| | | | | Transport: | | |
| 4 | SA43H1 | Bratara pentru fixarea conductelor de otel zincat, avand d=50 mm | buc | 30,000 | | |
| | | | | Material: | | |
| | | | | Manopera: | | |
| | | | | Utilaj: | | |
| | | | | Transport: | | |
| 5 | SD27A1 | Hidranti interiori pentru cladiri, montat in nisa (cu rama) Di= 52 mm, furtun plat pe tambur, lungimea furtunului 20 m, teava de refulare universala diam.duzei de refulare 12 mm, asigurand un jet compact de 10 ml | buc | 5,000 | | |
| | | | | Material: | | |
| | | | | Manopera: | | |
| | | | | Utilaj: | | |
| | | | | Transport: | | |
| 6 | SF01A1 | Efectuare proba de etas. la pres. conducte cu d=15-50 mm | m | 60,000 | | |
| | | | | Material: | | |
| | | | | Manopera: | | |
| | | | | Utilaj: | | |
| | | | | Transport: | | |

| | | | | | | |
|---|--------|--|------|------------|--|--|
| 7 | SF02B1 | Efectuare proba funct instal apa d= 15=50 mm | 10 m | 6,000 | | |
| | | | | Material: | | |
| | | | | Manopera: | | |
| | | | | Utilaj: | | |
| | | | | Transport: | | |
| 8 | SA45E1 | Confectionare si montarea tevii de protectie la trecerea conductelor prin plansee,teava avand d=2 1/2 - 4 toli - 4 buc*0,25 m | m | 1,000 | | |
| | | | | Material: | | |
| | | | | Manopera: | | |
| | | | | Utilaj: | | |
| | | | | Transport: | | |
| 9 | SA46E1 | Confectionarea, montarea si cimentarea tevii de protectie la trecerea cond. prin zid,teava avand d=2 1/2 - 4 toli - 6 buc*0,25 m | m | 1,500 | | |
| | | | | Material: | | |
| | | | | Manopera: | | |
| | | | | Utilaj: | | |
| | | | | Transport: | | |

| | |
|--|--|
| Total ore manopera (ore) | |
| Total greutate materiale (tone) | |

| | Material | Manopera | Utilaj | Transport | Total |
|---------------------------------|----------|----------|--------|-----------|-------|
| Total Cheltuieli Directe | | | | | |

| | | | | | | |
|--------------------------------|----------------|-----------------|-----------------|---------------|------------------|--------------|
| Alte cheltuieli directe | | | | | | |
| Coeficient | Valoare | Material | Manopera | Utilaj | Transport | Total |
| Contributia | % | | | | | |

| | Material | Manopera | Utilaj | Transport | Total |
|---------------------------------|----------|----------|--------|-----------|-------|
| Total Cheltuieli Directe | | | | | |
| Cheltuieli indirecte | % | | | | |
| Profit | % | | | | |

| | |
|-------------------------------|--|
| Total General fara TVA | |
| TVA (19%) | |
| TOTAL GENERAL (Lei) | |

| |
|--|
| Raport generat cu programul WinDocDeviz, creat de Softmagazin; www.windocdeviz.ro; |
|--|

Beneficiarul: MUNICIPIUL TIRGU MURES

Proiectantul: PFA KLOSZ BALINT - Tirgu Mures

Obiectivul: [375/2018] Rezervor de acumulare statie de pompare si hidranti interiori la Gradinita nr.15, Tg.Mures, str.Mihai Viteazu nr.16-28

Obiectul: [4.1.] Instalatii hidranti interiori

Devizul: [4.1.4-1.2] Instalatii hidranti interiori statia de pompare hidranti interiori

Formularul F3 - Lista cu cantitati de lucrari pe categorii de lucrari

| SECTIUNEA TEHNICA | | | | | SECTIUNEA FINANCIARA | |
|-------------------|---------|--|-----|------------|----------------------|--------------------|
| Nr | Simbol | Capitolul de lucrari | UM | Cantitatea | Pretul unitar (Lei) | Pretul total (Lei) |
| 1 | SA07A1 | Teava otel zincat dn=50 mm, montat la hidranti interiori | m | 30,000 | | |
| | | | | Material: | | |
| | | | | Manopera: | | |
| | | | | Utilaj: | | |
| | | | | Transport: | | |
| 1.1 | 3306728 | Teava otel zincata pentru inst. d= 50 mm | m | 30,300 | | |
| | | | | Material: | | |
| | | | | Transport: | | |
| 2 | SA35A1 | Teu otel zincat d= 50mm, pentru instalatii hidranti | buc | 2,000 | | |
| | | | | Material: | | |
| | | | | Manopera: | | |
| | | | | Utilaj: | | |
| | | | | Transport: | | |
| 2.1 | 4105558 | Teu otel zincat d= 50 mm | buc | 2,000 | | |
| | | | | Material: | | |
| | | | | Transport: | | |
| 3 | SA35A1 | Cot otel zincat d= 50mm, pentru instalatii hidranti | buc | 5,000 | | |
| | | | | Material: | | |
| | | | | Manopera: | | |
| | | | | Utilaj: | | |
| | | | | Transport: | | |
| 3.1 | 4118035 | Cot zincat d= 50 mm | buc | 5,000 | | |
| | | | | Material: | | |
| | | | | Transport: | | |
| 4 | SA43H1 | Bratara fixare teava otel d=50 mm | buc | 16,000 | | |
| | | | | Material: | | |
| | | | | Manopera: | | |
| | | | | Utilaj: | | |
| | | | | Transport: | | |
| 5 | SB16E1 | Teava pvc-g pentru canalizare, cu d=110 mm | m | 5,000 | | |
| | | | | Material: | | |
| | | | | Manopera: | | |
| | | | | Utilaj: | | |
| | | | | Transport: | | |
| 6 | SB17E1 | Cot pvc-g, pentru canalizare, d=110 mm | buc | 1,000 | | |
| | | | | Material: | | |
| | | | | Manopera: | | |
| | | | | Utilaj: | | |
| | | | | Transport: | | |

| | | | | | | |
|------|---------|--|------|------------|--|--|
| 6.1 | 6712259 | Cot pvc-g d= 50 mm | buc | 1,000 | | |
| | | | | Material: | | |
| | | | | Transport: | | |
| 7 | SB22C1 | Reductie simpla pvc-g, conducta principala d= 50/ conducta secundara d= 40 mm | buc | 2,000 | | |
| | | | | Material: | | |
| | | | | Manopera: | | |
| | | | | Utilaj: | | |
| 8 | SB23A1 | Compensator antivibratii cu flansa d= 50 mm | buc | 2,000 | | |
| | | | | Material: | | |
| | | | | Manopera: | | |
| | | | | Utilaj: | | |
| 9 | SD18A1 | Robinet de colt cu ventil cu plutitor, pentru oprirea alimentarii cu apa a rezervoarelor cu d=50mm | buc | 2,000 | | |
| | | | | Material: | | |
| | | | | Manopera: | | |
| | | | | Utilaj: | | |
| 9.1 | 4501740 | Robinet colt cu ventil+plutitor dn= 40 mm | buc | 2,000 | | |
| | | | | Material: | | |
| | | | | Transport: | | |
| 10 | SD19G1 | Robinet de retinere cu ventil, d=50mm | buc | 2,000 | | |
| | | | | Material: | | |
| | | | | Manopera: | | |
| | | | | Utilaj: | | |
| 10.1 | 4201705 | Robinet retinere ventil d=50 mm | buc | 2,000 | | |
| | | | | Material: | | |
| | | | | Transport: | | |
| 11 | SD26A1 | Sorb cu ventil de retinere,din fonta,cu flansa,pentru instalatii de pompare,cu d=50mm | buc | 1,000 | | |
| | | | | Material: | | |
| | | | | Manopera: | | |
| | | | | Utilaj: | | |
| 12 | SE54D# | Rezervor apa incendiu 1,5 x 1,0 x 1,5 m (1500 litri) | buc | 1,000 | | |
| | | | | Material: | | |
| | | | | Manopera: | | |
| | | | | Utilaj: | | |
| 12.1 | 7341526 | Rezervor 1500 l | buc | 1,000 | | |
| | | | | Material: | | |
| | | | | Transport: | | |
| 13 | SF01A1 | Efectuare proba de etas. la pres. la conducte cu d= 15-50 mm | m | 30,000 | | |
| | | | | Material: | | |
| | | | | Manopera: | | |
| | | | | Utilaj: | | |
| 14 | SF02B1 | Efectuare proba funct instal apa rece,din cond ol zn,sud longit,d=2 1/2 - 4 | 10 m | 3,000 | | |
| | | | | Material: | | |
| | | | | Manopera: | | |
| | | | | Utilaj: | | |
| | | | | Transport: | | |

| | |
|--|--|
| Total ore manopera (ore) | |
| Total greutate materiale (tone) | |

| | | | | | |
|---------------------------------|-----------------|-----------------|---------------|------------------|--------------|
| | Material | Manopera | Utilaj | Transport | Total |
| Total Cheltuieli Directe | | | | | |

| | | | | | | |
|--------------------------------|----------------|-----------------|-----------------|---------------|------------------|--------------|
| Alte cheltuieli directe | | | | | | |
| Coeficient | Valoare | Material | Manopera | Utilaj | Transport | Total |
| Contributia | % | | | | | |

| | | | | | |
|---------------------------------|-----------------|-----------------|---------------|------------------|--------------|
| | Material | Manopera | Utilaj | Transport | Total |
| Total Cheltuieli Directe | | | | | |
| Cheltuieli indirecte | % | | | | |
| Profit | % | | | | |

| | |
|-------------------------------|--|
| Total General fara TVA | |
| TVA (19%) | |
| TOTAL GENERAL (Lei) | |

| |
|---|
| Raport generat cu programul WinDocDeviz, creat de Softmagazin; www.windocdeviz.ro ; |
|---|