**DOCUMENTATIE TEHNICO-ECONOMICA**

# CENTRALIZATOR F1 2. CENTRALIZATOR F2 3. FORMULAR F3 4. EXTRASE DE MATERIALE C6 5. EXTRASE DE FORTA DE MUNCA C7 6. EXTRASE DE UTILAJ C8 7. EXTRASE DE TRANSPORT C9 8. CAIET DE SARCINI

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|  |  |  | **Pag 1** |
|  **OBIECTIV: LUCRARI DE MODIFICARE A INSTALATIEI DE INCALZIRE PRIMARIE BIRDA( CANAL TERMIC)** **Beneficiar: COMUNA BIRDA** **Executant: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****F1 - CENTRALIZATORUL cheltuielilor pe obiectiv****LUCRARI DE MODIFICARE A INSTALATIEI DE INCALZIRE PRIMARIE BIRDA** |
| **Nr. cap./ subcap. deviz general** | **Denumirea capitolelor de cheltuieli** | **Valoarea****cheltuielilor pe obiect****(exclusiv TVA)** | **Din care:****C+M** |
| **lei** | **lei** |
| **1** | **2** | **3** | **4** |
| **1.2** | **Amenajarea terenului** |  |  |
| **1.3** | **Amenajari pentru protectia mediului si aducerea terenului la starea initiala** |  |  |
| **1.4** | **Cheltuieli pentru relocarea/protectia utilitatilor** |  |  |
| **2** | **Realizarea utilitatilor necesare obiectivului** |  |  |
| **3.5** | **Proiectare** |  |  |
| **3.5.1** | **Tema de proiectare** |  |  |
| **3.5.2** | **Studiu de prefezabilitate** |  |  |
| **3.5.3** | **Studiu de fezabilitate/documentatie de avizare a lucrarilor de interventii si deviz general** |  |  |
| **3.5.4** | **Documentatiile tehnice necesare in vederea obtinerii avizelor/acordurilor/autorizatiilor** |  |  |
| **3.5.5** | **Verificarea tehnica de calitate a proiectului tehnic si a detaliilor de executie** |  |  |
| **3.5.6** | **Proiect tehnic si detalii de executie** |  |  |
| **4** | **Investitia de baza** |  |  |
| **4.1** | **Constructii si instalatii** |  |  |
| 4.1.1 |  LUCRARI DE MODIFICARE A INSTALATIEI DE INCALZIRE PRIMARIE BIRDA |  |  |
| **4.2** | **Montaj utilaje, echipamente tehnologice si functionale** |  |  |
| **4.3** | **Utilaje, echipamente tehnologice si functionale care necesita montaj** |  |  |
| **4.4** | **Utilaje, echipamente tehnologice si functionale care nu necesita montaj si echipamente de transport** |  |  |
| **4.5** | **Dotari** |  |  |
| **4.6** | **Active necorporale** |  |  |
| **5.1** | **Organizare de santier** |  |  |
| **6.2** | **Probe tehnologice si teste** |  |  |
|  |  |  |
| **TOTAL VALOARE (exclusiv TVA)** |  |  |
| **TVA 19 %** |  |  |
| **TOTAL VALOARE (inclusiv TVA)** |  |  |
|  |
| Executant, |
| Raport generat cu ISDP , www.devize.ro, e-mail: contact@intersoft.ro, tel.: 0236 477.007 |

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|  |  |  | **Pag 1** |
|  **OBIECTIV: LUCRARI DE MODIFICARE A INSTALATIEI DE INCALZIRE PRIMARIE BIRDA(CANAL TERMIC )** **OBIECTUL: LUCRARI DE MODIFICARE A INSTALATIEI DE INCALZIRE PRIMARIE BIRDA** **Beneficiar: COMUNA BIRDA** **Executant: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****F2 - CENTRALIZATORUL****cheltuielilor pe categorii de lucrari****Obiectul LUCRARI DE MODIFICARE A INSTALATIEI DE INCALZIRE PRIMARIE BIRDA** |
| **Nr.****cap./subcap. deviz general** | **Cheltuieli pe categoria de lucrari** | **Valoare (exclusiv TVA)** |
| **lei** |
| **1** | **2** | **3** |
| **I. Lucrari de constructii si instalatii** |
| 4.1 |  Constructii si instalatii |  |
| 4.1.1 |  [0001.1.1] LUCRARI DE MODIFICARE A INSTALATIEI DE INCALZIRE PRIMARIE BIRDA |  |
|  | **TOTAL I** |  |
| **II. Montaj utilaje si echipamente tehnologice** |
| 4.2 |  Montaj utilaje, echipamente tehnologice si functionale |  |
|  | **TOTAL II** |  |
| **III. Procurare** |
| 4.3 |  Utilaje, echipamente tehnologice si functionale care necesita montaj |  |
| 4.4 |  Utilaje, echipamente tehnologice si functionale care nu necesita montaj si echipamente de transport |  |
| 4.5 |  Dotari |  |
| 4.6 |  Active necorporale |  |
|  | **TOTAL III** |  |
| **IV. Probe tehnologice si teste** |
| 6.2 |  Probe tehnologice si teste |  |
|  | **TOTAL IV** |  |
|  |  |
| **TOTAL VALOARE (exclusiv TVA):** |  |
| **TVA 19%:** |  |
| **TOTAL VALOARE:** |  |
|  |
| Executant, |
| Raport generat cu ISDP , www.devize.ro, e-mail: contact@intersoft.ro, tel.: 0236 477.007 |

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|  |  |  | **Pag 1** |  |
|  **OBIECTIV: LUCRARI DE MODIFICARE A INSTALATIEI DE INCALZIRE PRIMARIE BIRDA( CANAL TERMIC**  **OBIECTUL: LUCRARI DE MODIFICARE A INSTALATIEI DE INCALZIRE PRIMARIE BIRDA** **STADIUL FIZIC: LUCRARI DE MODIFICARE A INSTALATIEI DE INCALZIRE PRIMARIE BIRDA** **Beneficiar: COMUNA BIRDA** **Executant: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****F3 - LISTA cuprinzand cantitatile de lucrari****- lei -** |  |
| **SECTIUNEA TEHNICA** | **SECTIUNEA FINANCIARA** |
| **Nr.** | **Capitolul de lucrari** | **U.M.** | **Cantitatea** |  |  |
| **0** | **1** | **2** | **3** | **4** | **5 = 3 x 4** |
| **1** | **RPIC41B1** Demontare tevi ol. sudate pentru Instalatie prin insurub. in coloane la clad. soc. cult. si locuit 1/2  | **m** |  **90.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **2** | **RPSF01A1** Golirea instalatiei de apa...in vederea executarii reparatiilor  | **10 m** |  **20.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **3** | **RPID19A#** Demontare robineti sau fitinguri din fonta sau otel pt. instalatii de incalzire centrala,d = < 2 "  | **buc** |  **90.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **4** | **RI7712E** Demontarea centrala incalzire  | **buc** |  **1.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **5** | **TRI1AC13E1** Descarcare...materiale gr.c-ambalate,10-50 kg deplas.prin purtare pina la 10m,asez..auto-rampa,teren ctg  | **tona** |  **1.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **6** | **TRA01A15P** Transportul rutier al...pamantului sau molozului cu autobasculanta dist.=15 km  | **tona** |  **1.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **7** | **FE03E2** Teava din cupru 42 mm  | **m** |  **36.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| 7.L |  3100076 Teava cupru dn 42  | m |  36.00 |  |  |
| **8** | **FE03D3** Teava din cupru 28 mm  | **m** |  **15.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| 8.L |  3100077 Teava cupru dn 28  | m |  15.00 |  |  |
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|  |  |  | **Pag 2** |  |
| **STADIUL FIZIC: LUCRARI DE MODIFICARE A INSTALATIEI DE INCALZIRE PRIMARIE BIRDA** |  |
| **0** | **1** | **2** | **3** | **4** | **5 = 3 x 4** |
| **9** | **FE03C3[1]** Teava 22 mm  | **m** |  **30.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **10** | **3100048** Teava dn 22  | **m** |  **30.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **11** | **FE03C2** Teava 15x1 mm  | **m** |  **60.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **12** | **3100047** Teava dn15  | **m** |  **60.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **13** | **IC34N1** Fitinguri din fonta maleabila pentru imbin. insurub. tevi. otel piesele fiind cu 3 insurub. pentru d=1 toli  | **buc** |  **31.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **14** | **3330873** Teu 42X15X42  | **buc** |  **4.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **15** | **3330934** Teu 42X28X42  | **buc** |  **8.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **16** | **4114715** Teu zn 1 1/2  | **buc** |  **8.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **17** | **4115581** Teu zn 1  | **buc** |  **9.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **18** | **IC34N1** Fitinguri din fonta maleabila pentru imbin. insurub. tevi. otel piesele fiind cu 2 insurub. pentru d=1 toli  | **buc** |  **187.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **19** | **4119343** Cot zn 1 nr 1  | **buc** |  **8.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
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|  |  |  | **Pag 3** |  |
| **STADIUL FIZIC: LUCRARI DE MODIFICARE A INSTALATIEI DE INCALZIRE PRIMARIE BIRDA** |  |
| **0** | **1** | **2** | **3** | **4** | **5 = 3 x 4** |
| **20** | **2304353** Cot d 28x90 FF  | **buc** |  **10.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **21** | **2304351** Cot d 28x90 MF  | **buc** |  **6.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **22** | **2304329** Cot 22x90 FF  | **buc** |  **10.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **23** | **2304330** Cot 22x90 MF  | **buc** |  **8.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **24** | **3334303** Cot 15x90 FF  | **buc** |  **65.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **25** | **3334312** Cot 15x90 MF  | **buc** |  **60.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **26** | **3334308** Cot cu 42 FF  | **buc** |  **10.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **27** | **3334317** Cot cu 42 MF  | **buc** |  **10.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **28** | **ID16A1** Robinet de trecere cu ventil si mufe,cu d 3/8 montat pe conducte de aerisire  | **buc** |  **1.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| 28.L |  20030491 Aerisitor automat 1/2"  | buc |  1.00 |  |  |
| **29** | **IC34C1#** Piese de legatura (fitinguri) cu...2 suduri din cupru montate prin sudura cu teava de cupru cu diametrul exterior de mm  | **buc** |  **6.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **30** | **20020450** Mufa d. 42  | **buc** |  **6.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
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|  |  |  | **Pag 4** |  |
| **STADIUL FIZIC: LUCRARI DE MODIFICARE A INSTALATIEI DE INCALZIRE PRIMARIE BIRDA** |  |
| **0** | **1** | **2** | **3** | **4** | **5 = 3 x 4** |
| **31** | **IC34D1** Fitinguri din fonta maleabila pentru imbin. insurub. tevi. otel piesele fiind cu 2 insurub. pentru d=1 toli  | **buc** |  **17.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **32** | **2306299** Reductie zn 21/2x2  | **buc** |  **3.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **33** | **3330893** Reductie zn 2x11/2  | **buc** |  **3.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **34** | **20010989** Reductie zn 11/2x1  | **buc** |  **5.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **35** | **20010990** Reductie zn 11/2x3/4  | **buc** |  **4.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **36** | **20010991** Reductie zn 1x1/2  | **buc** |  **2.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **37** | **ID06A3[1]** Robinet , pentru instalatie incalzire centrala , cu d: 1  | **buc** |  **20.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **38** | **4204446** Robinet 11/2 FF arco  | **buc** |  **4.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **39** | **4201688** Robinet 1 1/4 cu olandez  | **buc** |  **4.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **40** | **3811291** Robinet 3/4 FF  | **buc** |  **3.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **41** | **3811294** Robinet 1/2 cu olandez  | **buc** |  **3.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
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|  |  |  | **Pag 5** |  |
| **STADIUL FIZIC: LUCRARI DE MODIFICARE A INSTALATIEI DE INCALZIRE PRIMARIE BIRDA** |  |
| **0** | **1** | **2** | **3** | **4** | **5 = 3 x 4** |
| **42** | **20010318** Robinet 1 FF arco  | **buc** |  **4.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **43** | **20010319** Robinet 1 cu olandez  | **buc** |  **2.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **44** | **IC34D1** Fitinguri din fonta maleabila pentru imbin. insurub. tevi. otel piesele fiind cu 2 insurub. pentru d=1 toli  | **buc** |  **16.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **45** | **3330697** Niplu zn 1 1/2  | **buc** |  **8.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **46** | **4123044** Niplu zn 1  | **buc** |  **8.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **47** | **IC34A1** Fitinguri din fonta maleabila pentru imbin. insurub. tevi. otel piesele fiind cu 2 insurub. pentru d=3/8 toli  | **buc** |  **60.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| 47.L |  3331276 Racord cu 28x1 m  | buc |  6.32 |  |  |
| **48** | **3331201** Racord cu 28x1 F  | **buc** |  **4.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **49** | **3331045** Racord cu 22x3/4 M  | **buc** |  **4.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **50** | **3331047** Racord cu 22 X3/4 F  | **buc** |  **4.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **51** | **4035974** Racord cu 15x1/2 M  | **buc** |  **30.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **52** | **3331048** Racord cu 42-1 1/2 " m  | **buc** |  **8.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
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|  |  |  | **Pag 6** |  |
| **STADIUL FIZIC: LUCRARI DE MODIFICARE A INSTALATIEI DE INCALZIRE PRIMARIE BIRDA** |  |
| **0** | **1** | **2** | **3** | **4** | **5 = 3 x 4** |
| **53** | **8000758** Olandez drept zn 1 1/2 mf  | **buc** |  **3.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **54** | **IC36E1** Bratari pentru fix. tevi. otel la Instalatie incalz. sau gaze Montare prin impuscare bolt otel pe beton d=1 toli  | **buc** |  **50.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **55** | **IE03B1#** Efectuarea probei de etanseitate la presiune a conductelor ...de alimentare a aparatelor de incalzire cu diametrul de 1 1/4"……2"  | **m** |  **50.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **56** | **5904824** Cositor lipire  | **buc** |  **7.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **57** | **20031163** Butelie gaz  | **buc** |  **5.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **58** | **2100865** Pasta decapanta  | **buc** |  **4.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **59** | **7322941** pasla  | **buc** |  **13.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **60** | **20010014** snute loctite  | **buc** |  **6.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **61** | **7800564** Canepa mica  | **buc** |  **12.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **62** | **2100845** Pasta verde  | **buc** |  **2.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
| **63** | **IA07A1** Montare Cazan monobloc pentru incalzire,apa calda-ami-functionind 200 kw  | **buc** |  **1.00** |  |  |
| material: |  |  |
| manopera: |  |  |
| utilaj: |  |  |
| transport: |  |  |
|  |



**Pag 8**

**STADIUL FIZIC: LUCRARI DE MODIFICARE A INSTALATIEI DE INCALZIRE PRIMARIE BIR**

**DA**

**0**

**1**

**2**

**3**

**4**

**4**

**5**

 **= 3 x**

 Recap PR 2018

**Recapitulatia:**

Contributie

asiguratorie pentru

munca (CAM)

**Total Inclusiv Cheltuieli dire**

**cte:**

Cheltuieli indirecte

**Total Inclusiv Cheltuieli indir**

**ecte:**

Profit

**Total Inclusiv Beneficiu:**

**TOTAL GENERAL (fara TVA):**

**TVA:**

**TOTAL GENERAL:**

Executant,

Raport generat cu ISDP , www.devize.ro, e-mail: contact@intersoft.ro, tel.: 0236 477.007

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|  |  |  | **Pag 1** |
|  **OBIECTIV: LUCRARI DE MODIFICARE A INSTALATIEI DE INCALZIRE PRIMARIE BIRDA** **OBIECTUL: LUCRARI DE MODIFICARE A INSTALATIEI DE INCALZIRE PRIMARIE BIRDA** **STADIUL FIZIC: LUCRARI DE MODIFICARE A INSTALATIEI DE INCALZIRE PRIMARIE BIRDA** **Beneficiar: COMUNA BIRDA** **Executant: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****C6 - LISTA cuprinzand consumurile de resurse materiale** |  |
| **Nr. crt.** | **Denumirea resursei materiale** | **U.M.** | **Consumul cuprins in oferta** | **Pret unitar****(exclusiv TVA)****-lei-** | **Valoarea****(exclusiv TVA)****-lei-** | **Furnizorul** |  | **Greutatea****-tone-** |
| **0** | **1** | **2** | **3** | **4** | **5 = 3 x 4** | **6** |  | **7** |
|  1 | 20030491 Aerisitor automat 1/2" | buc |  1.00 |  |  |  |  |  |
|  2 | 5893464 Bolt de impuscat | buc |  50.00 |  |  |  |  |  |
|  3 | 4204070 Bratara tevi instalatii apa si gaze 1 | buc |  50.00 |  |  |  |  |  |
|  4 | 20031163 Butelie gaz | buc |  5.00 |  |  |  |  |  |
|  5 | 7800564 Canepa mica | buc |  12.00 |  |  |  |  |  |
|  6 | 7308310 Carton ond.tip2 din hirt ambal.tip p 320g/mp,suluri 1m | kg |  0.25 |  |  |  |  |  |
|  7 | 7308499 Cartus pistol implintat bolturi calibru 6,3 mm umc | buc |  50.00 |  |  |  |  |  |
|  8 | 20021387 Cazan 200 kw | buc |  1.00 |  |  |  |  |  |
|  9 | 7309431 Clema din antigron,pt.fixare conductor cupru. | buc |  148.05 |  |  |  |  |  |
|  10 | 5904824 Cositor lipire | buc |  7.00 |  |  |  |  |  |
|  11 | 2304329 Cot 22x90 FF | buc |  10.00 |  |  |  |  |  |
|  12 | 2304330 Cot 22x90 MF | buc |  8.00 |  |  |  |  |  |
|  13 | 2304351 Cot d 28x90 MF | buc |  6.00 |  |  |  |  |  |
|  14 | 3334303 Cot 15x90 FF | buc |  65.00 |  |  |  |  |  |
|  15 | 3334312 Cot 15x90 MF | buc |  60.00 |  |  |  |  |  |
|  16 | 3334308 Cot cu 42 FF | buc |  10.00 |  |  |  |  |  |
|  17 | 3334317 Cot cu 42 MF | buc |  10.00 |  |  |  |  |  |
|  18 | 2304353 Cot d 28x90 FF | buc |  10.00 |  |  |  |  |  |
|  19 | 4119343 Cot zn 1 nr 1 | buc |  8.00 |  |  |  |  |  |
|  20 | 5903105 Electrod pentru lipit cupru l-cu p6 de 2x2x500 mm | kg |  0.42 |  |  |  |  |  |
|  21 | 4624531 Filtru pentru impuritati 1 1/2 | buc |  1.00 |  |  |  |  |  |
|  22 | 6200468 Grafit concentrat (flotat) tipg praf | kg |  0.03 |  |  |  |  |  |
|  23 | 20016171 MANOMETRU | buc |  1.00 |  |  |  |  |  |
|  24 | 20020450 Mufa d. 42 | buc |  6.00 |  |  |  |  |  |
|  25 | 4123044 Niplu zn 1 | buc |  8.00 |  |  |  |  |  |
|  26 | 3330697 Niplu zn 1 1/2 | buc |  8.00 |  |  |  |  |  |
|  27 | 8000758 Olandez drept zn 1 1/2 mf | buc |  3.00 |  |  |  |  |  |
|  28 | 7322941 pasla | buc |  13.00 |  |  |  |  |  |
|  29 | 6109482 Pasta de lustruit 253 d.002-30 ntr 4900-72 | kg |  0.04 |  |  |  |  |  |
|  30 | 2100865 Pasta decapanta | buc |  4.00 |  |  |  |  |  |
|  31 | 2100845 Pasta verde | buc |  2.00 |  |  |  |  |  |
|  32 | 5840405 Piulita hexagonala grosolana A M 6 gr. 5 s 922 | buc |  50.00 |  |  |  |  |  |
|  33 | 5840558 Piulita hexagonala grosolana A M 16 gr. 5, s 922 | buc |  8.00 |  |  |  |  |  |
|  34 | 6622159 Placa marsit M 100-500x3,0 mm s 3498 | kg |  0.16 |  |  |  |  |  |
|  35 | 4035974 Racord cu 15x1/2 M | buc |  30.00 |  |  |  |  |  |
|  36 | 3331047 Racord cu 22 X3/4 F | buc |  4.00 |  |  |  |  |  |
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|  |  |  |  | **Pag 2** |
| **0** | **LISTA cuprinzand consumurile de resurse materiale****1** | **2** | **3** | **4** |  | **5 = 3 x 4** | **6** |  | **7** |
|  37 | 3331045 Racord cu 22x3/4 M | buc |  4.00 |  |  |  |  |  |  |
|  38 | 3331201 Racord cu 28x1 F | buc |  4.00 |  |  |  |  |  |  |
|  39 | 3331276 Racord cu 28x1 m | buc |  6.32 |  |  |  |  |  |  |
|  40 | 3331048 Racord cu 42-1 1/2 " m | buc |  8.00 |  |  |  |  |  |  |
|  41 | 2306299 Reductie zn 21/2x2 | buc |  3.00 |  |  |  |  |  |  |
|  42 | 3330893 Reductie zn 2x11/2 | buc |  3.00 |  |  |  |  |  |  |
|  43 | 20010989 Reductie zn 11/2x1 | buc |  5.00 |  |  |  |  |  |  |
|  44 | 20010990 Reductie zn 11/2x3/4 | buc |  4.00 |  |  |  |  |  |  |
|  45 | 20010991 Reductie zn 1x1/2 | buc |  2.00 |  |  |  |  |  |  |
|  46 | 3811294 Robinet 1/2 cu olandez | buc |  3.00 |  |  |  |  |  |  |
|  47 | 4204446 Robinet 11/2 FF arco | buc |  4.00 |  |  |  |  |  |  |
|  48 | 4201688 Robinet 1 1/4 cu olandez | buc |  4.00 |  |  |  |  |  |  |
|  49 | 20010319 Robinet 1 cu olandez | buc |  2.00 |  |  |  |  |  |  |
|  50 | 20010318 Robinet 1 FF arco | buc |  4.00 |  |  |  |  |  |  |
|  51 | 3811291 Robinet 3/4 FF | buc |  3.00 |  |  |  |  |  |  |
|  52 | 5882257 Saiba prec.plata pentru met A M 18 OL 34 s 5200 | kg |  0.09 |  |  |  |  |  |  |
|  53 | 20010014 snute loctite | buc |  6.00 |  |  |  |  |  |  |
|  54 | 4204451 Supapa de sens D = 1 | buc |  1.00 |  |  |  |  |  |  |
|  55 | 4204449 Supapa de sens D = 1 1/2 | buc |  1.00 |  |  |  |  |  |  |
|  56 | 4202621 Supapa siguranta D= 3/4" | buc |  2.00 |  |  |  |  |  |  |
|  57 | 5821760 Surub cap hexagonal grosolan M 16x 70 gr. 4.8 s 920 | buc |  8.00 |  |  |  |  |  |  |
|  58 | 3100048 Teava dn 22 | m |  30.00 |  |  |  |  |  |  |
|  59 | 3100047 Teava dn15 | m |  60.00 |  |  |  |  |  |  |
|  60 | 3100077 Teava cupru dn 28 | m |  15.00 |  |  |  |  |  |  |
|  61 | 3100076 Teava cupru dn 42 | m |  36.00 |  |  |  |  |  |  |
|  62 | 5722500 Termomanometru | buc |  1.00 |  |  |  |  |  |  |
|  63 | 3330873 Teu 42X15X42 | buc |  4.00 |  |  |  |  |  |  |
|  64 | 3330934 Teu 42X28X42 | buc |  8.00 |  |  |  |  |  |  |
|  65 | 4115581 Teu zn 1 | buc |  9.00 |  |  |  |  |  |  |
|  66 | 4114715 Teu zn 1 1/2 | buc |  8.00 |  |  |  |  |  |  |
|  67 | 6108945 Ulei de in sicativat u.001-13 stas 16-80 | kg |  0.05 |  |  |  |  |  |  |
|  68 | 6103294 Vopsea minium de plumb V 351-3 ntr 90-80 | kg |  15.85 |  |  |  |  |  |  |
| **Valoare directa** | **lei** |  |  |  |  |  |
| **Recapitulatie** | **lei** |  |  |  |  |  |
| **TOTAL** | **lei** |  |  |  |  |  |
|  |  |  |  |
| Executant, |  |  |  |
| Raport generat cu ISDP , www.devize.ro, e-mail: contact@intersoft.ro, tel.: 0236 477.007 |  |  |  |

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|  |  |  | **Pag 1** |
|  **OBIECTIV: LUCRARI DE MODIFICARE A INSTALATIEI DE INCALZIRE PRIMARIE BIRDA** **OBIECTUL: LUCRARI DE MODIFICARE A INSTALATIEI DE INCALZIRE PRIMARIE BIRDA** **STADIUL FIZIC: LUCRARI DE MODIFICARE A INSTALATIEI DE INCALZIRE PRIMARIE BIRDA** **Beneficiar: COMUNA BIRDA** **Executant: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****C7 - LISTA cuprinzand consumurile cu mana de lucru** |  |
| **Nr. crt.** | **Denumirea meseriei** | **Consumul cu manopera****- (om/ore) -** | **Tariful mediu****- lei/ora -** | **Valoarea****(exclusiv TVA)****- lei -** | **Procentul** |
| **0** | **1** | **2** | **3** | **4 = 2 x 3** | **5** |
| 1 |  YB01 Diferenta pret manopera lei |  987.00 |  |  |  |
| 2 |  11851 Instalator frigotehnist |  287.47 |  |  |  |
| 3 |  11751 Instalator incalzire |  683.72 |  |  |  |
| 4 |  11749 Instalator incalzire si gaze |  136.85 |  |  |  |
| 5 |  11611 Instalator sanitar |  40.80 |  |  |  |
| 6 |  320516 Izolator |  9.80 |  |  |  |
| 7 |  320543 Lacatus |  29.40 |  |  |  |
| 8 |  19922 Muncitor deserv.ctii montj. 22 |  15.40 |  |  |  |
| 9 |  29931 Muncitor deservire constructii masini |  0.00 |  |  |  |
| 10 |  19931 Muncitor deservire constructii montaj |  4.52 |  |  |  |
| 11 | 319711 Muncitor incarcare-descarcare materiale |  10.08 |  |  |  |
| Total ore manopera: |  1,218.04 |  |  |
| **Valoare directa** | **lei** |  |  |
| **Recapitulatie** | **lei** |  |
| **TOTAL** | **lei** |  |
|  |  |
| Executant, |  |
| Raport generat cu ISDP , www.devize.ro, e-mail: contact@intersoft.ro, tel.: 0236 477.007 |  |

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|  |  |  | **Pag 1** |
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| **Nr. crt.** | **Denumirea utilajului de constructii** | **Ore de functionare** | **Tariful unitar****(exclusiv TVA)****- lei / ora -** | **Valoarea****(exclusiv TVA)****- lei -** |
| **0** | **1** | **2** | **3** | **4 = 2 x 3** |
| 1 |  3008 Aparat de sudura in mediu de argon tip tv-350 27kva |  13.50 |  |  |
| 2 | 3304 Electropompa monoetajata de joasa presiune pentru apa 15-30 kw |  2.50 |  |  |
| **Total ore utilaje:** |  **16.00** |  |
| **Valoare directa** | **lei** |  |
| **Recapitulatie** | **lei** |  |
| **TOTAL** | **lei** |  |
|  |
| Executant, |
| Raport generat cu ISDP , www.devize.ro, e-mail: contact@intersoft.ro, tel.: 0236 477.007 |

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|  |  |  | **Pag 1** |
|  **OBIECTIV: LUCRARI DE MODIFICARE A INSTALATIEI DE INCALZIRE PRIMARIE BIRDA** **OBIECTUL: LUCRARI DE MODIFICARE A INSTALATIEI DE INCALZIRE PRIMARIE BIRDA** **STADIUL FIZIC: LUCRARI DE MODIFICARE A INSTALATIEI DE INCALZIRE PRIMARIE BIRDA** **Beneficiar: COMUNA BIRDA** **Executant: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****C9 - LISTA cuprinzand consumurile privind transporturile** |
| **Nr. crt.** | **Tipul de transport** | **Tone transportate** | **Km****parcursi** | **Ore de functionare** | **Tariful unitar****(exclusiv TVA)****- lei/tona/km -** | **Valoarea****(exclusiv TVA)****- lei -** |
| **0** | **1** | **2** | **3** | **4** | **5** | **6 = 2 x 3 x 5** |
| **Transport rutier** |
| 1 | TRA01A50 Transportul rutier al...materialelor,semifabricatelor cu autobasculanta pe dist.= 50 km. |  1.00 |  50.00 |  1.00 |  |  |
| 2 | TRA01A15P Transportul rutier al...pamantului sau molozului cu autobasculanta dist.=15 km |  1.00 |  15.00 |  0.30 |  |  |
| **Valoare directa** | **lei** |  |
| **Recapitulatie** | **lei** |  |
| **TOTAL** | **lei** |  |
|  |
| Executant, |
| Raport generat cu ISDP , www.devize.ro, e-mail: contact@intersoft.ro, tel.: 0236 477.007 |