|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
| **Anexa 2- Bugetul estimativ de cheltuieli al Proiectului**  | **Anual** |  |
| **Cheltuieli** | **Unitate** | **Unitate** |  |
|  |  | **costuri euro total sau pe an** |  |
| **1. Proiectare laborator** |  | ***13000,00*** | investit ÎS CCIEADP |
| **2. Lucrari de reconstrucție/resistematizare** |  | ***273000,00*** | investit partial ÎS CCIEADP |
| **2.1 recostructie și extindere locație laborator** |  | **25000,00** |   |
| **3. Echipament şi furnituri7**  |  | **cost total** |   |
| 3.1 Achiziţie sau cumpărare echipamente de bază (lista cu descifrare se anexează)**\*** |   | 542600,00 |  |
| 3.2 Achiziţie sau cumpărare echipamente conexe(lista cu descifrarea costurilor se anexează) |   | 155749,00 |  |
| 3.3 Achiziție reactivi și standarde (lista cu descifrarea costurilor se anexează) |   | 100935,00 |  |
| 3.3,Mobilier |   | 50000,00 | investit parțial ÎS CCIEADP |
| 3.4 Echipament informatic |   | 45000,00 | investit parțial ÎS CCIEADP |
| 3.5 Piese/echipament de rezervă pentru maşini, unelte, intreținere și reparație |   | 28000,00 | investit parțial ÎS CCIEADP |
| ***Subtotal echipament şi furnituri*** |  | ***922284,00*** |  |
| **4.Instruire personal** |   |   |   |
| 4.1 instruire laborator de specialitate din afara țării (6 unități de personal) | 7016,67 | 42100,00 |  |
| 4.2 Suport acreditare și participari la teste interlaborator |   | 50000,00 |  |
| 5. Coordonare, transparență și auditul proiectului |   | 32900,00 |   |
| 6. achiziționare a unei unități de transport pentru probe |   | 30000,00 |  |
| ***TOTAL COST PROIECT*** |  | ***1388284,00*** |  |

**Anexa 2.1.**

**Lista de echipamente de bază şi conexe necesare pentru stabilirea laboratorului pentru determinarea rezidiurilor de pesticide în plante, sol şi produse de origine non-animala**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***No*** | ***Basic equipment*** | ***U.m*** | ***Qn.*** | ***Estimated price euro (+TVA)*** | ***Total value euro (+TVA)*** |
| **2.** | Gaz Cromatograph GC-MS/MS triple quadrupole  | ps | 1 | 224000 | 224000 |
| **4.** | Liquid cromatograph LC MS/MS triple quadrupole | ps | 1 | 3000000 | 3000000 |
| **5.** | Ultrapurax water purification sistem  | ps | 1 | 18600 | 18600 |
|  | **Total basic equipement** |  |  |  | **542600,00** |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **Auxiliary equipment** | **U.m** | **Qn.** | **Estimated price euro (+TVA)** | **Total value euro (+TVA)** |
| **1.** | gaz tank for special gazes  | ps | 3 | 1000 | 3000 |
| **2.** | Chemisafe fire cabinet for 2 special  | ps | 2 | 5496 | 10992 |
| **3.** | Chemisafe fire cabinet for toxicreagents(acid, alcohols, bases) | ps | 3 | 6496 | 19488 |
| **4.** | Evaporator  | ps | 1 | 17547 | 17457 |
| **5.** | Cooling cetrifuge (0-40C⁰) cu with 4 post rotor or simple | ps | 1 | 11503 | 11503 |
| **6.** | Microcetrifuge, capacity 18ps\*1,5/2,0ml | ps | 1 | 1080,00 | 1080,00 |
| **7.** | Orbital shaker, with posibility for automatisation  | ps | 1 | 1800,00 | 1800,00 |
| **8.** | Adapter for orbital shaker 425\*335 mm, | ps | 1 | 400,00 | 400,00 |
| **9.** | Homogenizer, capacitatea 0.25 - 10 L, stailess steel tank | ps | 1 | 21235 | 21235 |
| **10.** | Stainless steel ultrasonic bath , model USC 300TH, capacity 2,8l, external dimension (WxDxH = 265x162x235mm), heating capacity 160C⁰, lid set and basket  | ps | 1 | 5436 | 5436 |
| **11.** | pH-metre for solutions | ps | 1 | 6590 | 6590 |
| **12.** | analitical balance accurate to 5 decimal and printer | ps | 1 | 7780 | 7780 |
| **13.** | technical balance accurate to 2 zecimale(wieghing capacity range 0 to 2kg.) | ps | 1 | 3408 | 3408 |
| **14.** | Refrigerator with freezer for saving samples volum min. 1300L , t-20C° | ps | 1 | 2700 | 2700 |
| **15.** | Refrigerator with freezer for saving standards volum min. 1300L , t-20C ° | ps |  | 2700 | 2700 |
|  | **Total auxiliary equipment** | **115569,00** |
|  | **Laboratory glassware**  |  |  |  |  |
| **1.** | Micropipete or microseringe 0-10μL | ps | 6 | 1800 | 10800 |
| **2.** | Micropipete 10-100μL | ps | 4 | 1800 | 7200 |
| **3.** | Micropipete 100-1000μL | ps | 4 | 1800 | 7200 |
| **4.** | Micropipete 1000-5000μL | ps | 4 | 1800 | 7200 |
| **5.** | Transparent polypropylene tubes for multiple use, 50ml. set.10buc. | ps | 100 | 200,00 | 2000,00 |
| **6.** | tubes with lid for single use, sterile, 50ml, ps. 450 | ps | 1 | 230,00 | 230,00 |
| **7.** | Bottle with lid for storage standards ps. 200 | ps | 1 | 200,00 | 200,00 |
| **8.** | Filtering membrane nylon D-30mm, 0,2µm, ps.100 | ps | 3 | 190,00 | 570,00 |
| **9.** | Filtering membrane TFE D-30mm, 0,45µm, ps.100 | ps | 3 | 190,00 | 570,00 |
| **10.** | Glass pipetts 3ml, ps.6 | ps | 1 | 150,00 | 150,00 |
| **11.** | Glass pipetts 5 ml ps. 6 | ps | 1 | 180,00 | 180,00 |
| **12.** | Glass pipetts 15ml ps.6 | ps | 1 | 200,00 | 200,00 |
| **13.** | Glass pipetts 25ml ps.6 | ps | 1 | 280,00 | 280,00 |
| **14.** | Glasse Cylindres graduated 10ml, ps.6 | ps | 1 | 350,00 | 350,00 |
| **15.** | Glasse Cylindres graduated 25ml, ps.6 | ps | 1 | 400,00 | 400,00 |
| **16.** | Glasse Cylindres graduated 50ml, ps.6 | ps | 1 | 400,00 | 400,00 |
| **17.** | Glasse Cylindres graduated 100ml, ps.6 | ps | 1 | 400,00 | 400,00 |
| **18.** | Glass tubes 10ml, ps. 10 | ps | 2 | 50,00 | 100,00 |
| **19.** | Glass tubes 15ml, ps. 10 | ps | 2 | 50,00 | 100,00 |
| **20.** | Vials for GC 2ml with lid with septum, ps. 100  | ps | 2 | 200,00 | 400,00 |
| **21.** | Berzelius glasses, 10ml, ps. 12 | ps | 1 | 100,00 | 100,00 |
| **22.** | Berzelius glasses, 25ml, ps. 12 | ps | 1 | 100,00 | 100,00 |
| **23.** | Tips for micropipettes 10-100μL, ps. 1000 | ps | 1 | 350,00 | 350,00 |
| **24.** | Tips for micropipettes 100-1000μL, ps.1000 | ps | 1 | 350,00 | 350,00 |
| **25.** | Tips for micropipettes 1000-5000μL, ps. 1000 | ps | 1 | 350,00 | 350,00 |
|  | **Total glassware** | **40180,00** |
|  | Chemical reagents |  |  |  | 75026,00 |
|  | Standards |  |  |  | 25909,00 |
|  | **TOTAL COSTS FOR EQUIPEMENT AND REACTIFS** |  |  |  | **799284,00** |