**ANNEX III – BILL OF QUANTITIES**

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| REF | GENERAL REMARK |
| QUOTED RATES ARE TO TAKE INTO CONSIDERATION ALL DOUBLE HANDLING OF MATERIAL AS WELL AS COMPLIANCE WITH RELEVANT STANDARDS, LEGAL NOTICES AND HEALTH AND SAFETY PROCEDURES. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED TO EXISTING STRUCTURES AND HAS TO MAKE GOOD AT HIS OWN EXPENSE. NO EXTRA REMUNERATION IS FORESEEN | |

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| **Item** | **Technical Specification** | **Unit Price all taxes in €** | **Quantity** | **Total Price all taxes in €** |
| **Weather station** | | | | |
| * Air Temperature sensor | Measuring range - 20 to 60 °C  Accuracy: < 0.5 °C |  | 1 |  |
| * Air Relative Humidity sensor | Measuring range  Accuracy : 5% |  | 1 |  |
| * Solar radiation sensor | Measuring range 0 .to 1500 W/m²  spectral range 350 to 2500 nm  Accuracy : 5% |  | 1 |  |
| * Wind speed sensor | Measuring range 0 .to 40 m/s  Accuracy : 5% |  | 1 |  |
| * Rainfall sensor | Funnel Area : ≥ 200 cm2  Accuracy : 5%  With protection from bird |  | 1 |  |
| * Accessories | This station must be equipped with mat(s), anchoring system and all accessories for fixing the various sensors and the power system. |  | 1 |  |
| **Soil moisture and temperature multilayers probe** | | | | |
|  | Measuring range : 0 – 0.80 Vwater/Vsoil  Minimum 6 depth : 0 to 60 cm  Accuracy : 0.03 |  | 19 |  |
|  | Measuring range : 0 – 0.80 Vwater/Vsoil  Minimum 6 depth : 0 to 80 cm  Accuracy : 0.03 |  | 5 |  |
| **Pulse water flowmeter** | | | | |
|  | Diameter range : DN40 to DN 50  Measuring range 0 to 25 m3/h (nominal)  Operating Pressure: 0.5 - 15 Bar  Accuracy : 5% |  | 12 |  |
| **Solenoid valve for irrigation water** | | | | |
|  | Diameter range: DN40 to DN 50  Operating Pressure: 0.5 - 10 Bar |  | 12 |  |
| **Gateways** | | | | |
| * Indoor Gateways | 1 gateway on-site  1 gateway can support 4-8 sensors  Compliance to LoRaWAN |  | 13 |  |
| * Outdoor Gateways |  |  | 2 |  |
| **IoT Platform (for reading, viewing, downloading, configuring data upload, etc.)** | | | | |
|  | All fields Sensor data (sensors Network) to be synchronized with [the](https://ng.fieldclimate.com/) IoT platform  Fields station/Sensors configuration  Maps & Geolocation Services  Data Processing & Alerting  Dashboards & Reports  Open API for Easy Integration |  | 1 |  |
| Total Price All taxes in Figures (€) | | |  | |
| Total Price All taxes in letters (€) | | |  | |

Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ID: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_