**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/m²spectral range 290 to 3 000 nmAccuracy : 5% |  | 1 |  |
| * Wind speed sensor
 | Measuring range 0 .to 40 m/sAccuracy : 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/VsoilMinimum 6 depth : 0 to 60 cmAccuracy : 0.01  |  | 19 |  |
|  | Measuring range : 0 – 0.80 Vwater/VsoilMinimum 6 depth : 0 to 80 cmAccuracy : 0.01  |  | 5 |  |
| **Pulse water flowmeter**  |
|  | Diameter range : DN40 to DN 50Measuring range 0 to 25 m3/h (nominal)Operating Pressure: 0.5 - 15 BarAccuracy : 5% |  | 12 |  |
|  **Solenoid valve for irrigation water** |
|  | Diameter range: DN40 to DN 50Operating Pressure: 0.5 - 10 Bar |  | 12 |  |
| **Gateways** |
| * Indoor Gateways
 | 1 gateway on-site1 gateway can support 4-8 sensorsCompliance 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 platformFields station/Sensors configurationMaps & Geolocation ServicesData Processing & AlertingDashboards & ReportsOpen API for Easy Integration |  | 1 |  |
| **Installing of the equipment** |  |  |  |  |
| Total Price All taxes in Figures (€) |  |
| Total Price All taxes in letters (€) |  |

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

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