

Hydrological and water chemistry monitoring for LIFE IP Wild Atlantic Nature

Detailed description:

The successful contractor will oversee the preparation of the hydrological and water-chemistry monitoring programme. The successful contractor shall provide a full technical and administrative function, which will include the provision of specialist hydrological advice, relevant training and GIS expertise. Water flow (runoff) and water chemistry will be measured at the primary drainage outlet from each selected site, preferably using a pre-fabricated flume, depending on site conditions. The locations will be determined by field reconnaissance and desk-top surveys of catchment drainage regimes and placed in publicly owned land. Water level monitoring transects will also be placed in the blanket bog catchment area and will attempt to traverse a range of eco-hydrological conditions. The water chemistry monitoring programme will focus primarily on the measurement of pH, specific conductivity (SC), turbidity and dissolved organic carbon (DOC). This task will be done by deploying an optical Chromophoric Dissolved Organic Matter (CDOM) sensor. Occasional collection of water quality samples for laboratory analysis will also be required, including a nutrient status assessment of the runoff waters.

Type of contract:

Services

Response deadline (Irish time):

19/08/2022 15:00:00

CPV codes:

90711500-9 Environmental monitoring other than for construction
71351900-2 Geology, oceanography and hydrology services
90700000-4 Environmental services
90710000-7 Environmental management
90713000-8 Environmental issues consultancy services
90714500-0 Environmental quality control services