

Assignment Name: (Ref No 1) River Poddle Flood Alleviation Scheme		Country: Ireland
Location within Country: Dublin		Professional Staff Provided by Firm: 6
Name of Client: South Dublin County Council		No. of Key Staff: 4
Address: County Hall, Belgard Square North, Tallaght, Co. Dublin		No. of Staff Months: 50
Funding Agency: Office of Public Works		Overall project Value (in current Euro or USD): 9m
Start Date: 03-2018	Completion Date: 10-2022	Approx. Value of Service (in current Euro or USD): 550,000
Name of Associated Firm (if any): N/A		No. of Months of Professional Staff Provided by Associated Firm: N/A
Name of senior professional staff of your firm involved and functions performed:		
Senior Staff	Name	Functions Performed
Project Director	Jim Oliver	Client Coordination & Document Review
Project Manager	Barry Dunphy	Client Coordination & Document Preparation
Senior Engineer	Justin Hughes	Design Coordination & Document Preparation
Project Engineer	Brendan Twomey	Scheme Design, Survey control and Document preparation
Engineer	Emer Donnelly	Scheme Design, Survey control and Document preparation
Planner	Laurie McGee	Preparation of planning documentation, co-ordination of specialist environmental sub consultants and stakeholder liaison
Narrative Description of Project: The River Poddle rises in Tallaght Co. Dublin and runs through Templeogue, Kimmage, Harold's Cross before culverting underground into Dublin City centre and outfalling to the River Liffey at Wellington Quay. Significant flooding occurred in 2011 causing severe damage and loss of life. Nicholas O'Dwyer were required to design and implement a flood alleviation scheme on behalf of Dublin City Council and South Dublin County Council. This involved undertaking a detailed analysis of fluvial and pluvial flooding mechanisms, options development and local stakeholder consultation. An EIAR and Part X Planning Documentation was prepared for the preferred option and submitted for Planning consent to an Bord Pleanála in February 2020. Proposed sustainable solution involved reduction of hard defences by increasing natural flood storage in Tymon Park Lakes, river channel naturalization and restoration to make use of natural flood plain and small flood storage in Ravensdale Park. In addition to flood prevention measures, EU Water Framework Directive initiatives have been included with the inclusion of an integrated constructed wetland in Tymon Park as well as biodiversity enhancements at Whitehall Close to re-meander the river. defence walls along the river channel. Scheme Solutions: - Identified 9 sites for intervention to provide flood relief measures - Reduction in extent of hard flood defences from 3k (CFRAM) to < 1km - Natural Flood Storage at Tymon Lakes, passive flow control - Earth embankments in upper catchment - RC walls and sealed manholes in urbanised area - Flood storage in Ravensdale Park - Biodiversity enhancements: - Integrated Constructed Wetland in Tymon Park - River naturalisation Whitehall Close - Tree replanting 2:1 Planning permission was granted in September 2023 with construction works to commence on 2024. Health & Safety in Project Design was proactively managed in accordance with the requirements of the Safety, Health & Welfare at Work Act, 2005, the Work (Construction) Regulations, 2013, and other relevant legislation, through carefully planning and scheduling the works and by organising, as far as is reasonably practicable, co-operation between Designers and other Key H&S Duty Holders. Risk Assessments were regularly undertaken, hazards identified, and control & mitigation measures implemented in accordance with the General Principles of Prevention and the company Safety & Health Procedures. This flood alleviation scheme embodies the company's commitment to providing sustainable and innovative solutions to complex engineering challenges. The company's core values of excellence, collaboration, and integrity are evident in our comprehensive approach to flood management, which considers both environmental and community needs.		
Description of Actual Services Provided by Staff: - Hydrology assessment, catchment determination and Hydraulic modelling - Flood risk assessment, mapping for range of return periods and climate change impact - Flood Defence Scheme Development and Design - Preparation of Planning documents - Environmental Impact Assessment Report (EIAR) - Procurement and management of topographic threshold - CCTV and Geotechnical surveys - Project Management - Public and Stakeholder consultation and client meetings. - Health & Safety coordination - Design of sustainable nature based flood storage solutions and biodiversity enhancement - Preparation of Tender Documents for Irish Government Contract - Detailed Design of Preferred option		

Letter of Acceptance

To: *Nicholas O'Dwyer Ltd., Unit E4, Nutgrove Office Park, Nutgrove Avenue, Dublin 14*

Regarding: *Poddle Flood Alleviation Scheme*

Date: *21st MAR 2018*

A Dhaoine Uaisle

I refer to your tender for the provisions of consultancy services for the above project dated 26th of May 2017. Terms used in this letter that are defined in the Standard Conditions of Engagement for Consultancy Services (Technical) herein referred to as the 'Standard Conditions' have the same meaning in this letter.

On the basis that the contract formed by acceptance of your Tender will consist of the documents set out below, I accept your Tender:

- ☒ This Letter of Acceptance
- ☒ The Agreement
- ☒ The Standard Conditions of Engagement
- ☒ The Tender and Schedule Parts A and B appended¹ to this Letter of Acceptance
- ☒ Professional Indemnity Insurance Certificate fully completed (MF 2.1).
- ☒ Project Brief
- ☐
- ☐
- ☐
- ☐

This is the Letter of Acceptance referred to in **Schedule A Clause 1.7** of the Standard Conditions.

The Contract Sum is €381,170.85 euro [including VAT at standard and zero rates]

Please return to me a copy of this letter acknowledging receipt as indicated below.

Is mise, le meas

Signed

On behalf of *South Dublin County Council*, duly authorised to accept the Tender

ACKNOWLEDGEMENT

We acknowledge receipt of this letter on 21/3/18 (date).

Signed

On behalf of *Nicholas O'Dwyer Ltd.*