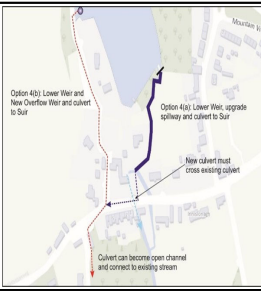


Assignment Name: (Ref No 5) Marfield FRS		Country: Ireland																								
Location within Country: Co. Tipperary		Professional Staff Provided by Firm: 5																								
Name of Client: Tipperary County Council		No. of Key Staff: 5																								
Address: Tipperary County Council, Civic Offices, Clonmel, Co. Tipperary		No. of Staff Months: 48																								
Funding Agency: Tipperary County Council (Irish Government)		Overall project Value (in current Euro or USD): USD 4,695,850																								
Start Date: 10-2021	Completion Date: -Ongoing	Approx. Value of Service (in current Euro or USD): 200,000																								
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: <table border="1"> <thead> <tr> <th>Senior Staff</th> <th>Name</th> <th>Functions Performed</th> </tr> </thead> <tbody> <tr> <td>Director</td> <td>Gavin Reilly</td> <td>Client Coordination & Document Review</td> </tr> <tr> <td>Manager</td> <td>Barry Dunphy</td> <td>Client Coordination & Document management</td> </tr> <tr> <td>Hydrologist</td> <td>Michael Bruen</td> <td>Hydrology review</td> </tr> <tr> <td>PSDP</td> <td>Michael Dalton</td> <td>Risk assessment, health and safety co-ordination</td> </tr> <tr> <td>Project Engineer/hydraulic modelling</td> <td>Kevin O' Connell</td> <td>Development of hydraulic model and options</td> </tr> <tr> <td>Panel Engineer</td> <td>Andrew Sheerman Chase</td> <td>Dam inspection and Report</td> </tr> <tr> <td>Environmental Scientist</td> <td>Crona Sheehan</td> <td>Procurement and review of environmental surveys</td> </tr> </tbody> </table>			Senior Staff	Name	Functions Performed	Director	Gavin Reilly	Client Coordination & Document Review	Manager	Barry Dunphy	Client Coordination & Document management	Hydrologist	Michael Bruen	Hydrology review	PSDP	Michael Dalton	Risk assessment, health and safety co-ordination	Project Engineer/hydraulic modelling	Kevin O' Connell	Development of hydraulic model and options	Panel Engineer	Andrew Sheerman Chase	Dam inspection and Report	Environmental Scientist	Crona Sheehan	Procurement and review of environmental surveys
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Narrative Description of Project: Marfield Lake is a freshwater, artificial lake covering an area of 56,230 sq.m and is located to the north west of the village of Marfield and 3km west of Clonmel. The lake is located on a tributary of the River Suir, approximately 1.0km upstream. The lake historically was developed for use in milling and later as a hydro-electric station. There are a number of outlets and culvert systems from the lake including a weir and sluice gate. Marfield Lake has a significant catchment of approximately 18.97 sq.km. The design of the works will be influenced by the fact that the lake is designated as a proposed Natural Heritage Area (pNHA) The project involves a thorough inspection of the existing lake and culvert system - Carry out dam safety inspection and report - Investigate options, including upstream storage, and develop model for preferred flood alleviation option - Prepare cost estimate for construction of preferred option and cost benefit analysis - Presentation of preferred option to Tipperary County Council. Screening for Appropriate assessment and baseline environmental surveys to bring forward for Detailed Design and Constructions.																										
Description of Actual Services Provided by Staff: - Hydraulic and Hydrologic Modelling of Marfield Lake and drainage system - Dam inspection report - Options assessment and Engineering Report to meet Climate resilience and environmental constraints - Project Management - Procurement of environmental surveys - Economic Analysis of the options - Public and stakeholder consultation - Preliminary & Detailed Design and Tender Documentation - Topographic and bathymetric surveys of lake and river system - Site Investigation and Dam stability assessment - Planning consent																										



Comhairle Contae Thiobraid Árann
Tipperary County Council

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Binnies Ltd (formerly Black & Veatch Ltd.) & Nicholas O'Dwyer Ltd.,
Unit E4,
Nutgrove Office Park,
Nutgrove Avenue,
Dublin 14.
By email only: tenders@nodwyer.com

10th September 2021

Letter of Acceptance
Etenders Reference No: 193123

Marlfield Lake Flood Relief Scheme

Dear Mrs. Bird,

I refer to your tender for the provisions of consultancy services for the above project dated 23rd June 2021. 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 appended to this Letter of Acceptance
- Professional Indemnity Insurance Certificate
- Project Brief
- Tender Clarifications



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- Pricing Schedule
- Service Requirements,
- Declarations and other tender information

I furthermore accept that the conclusion of any contract between Binnies Ltd (formerly Black & Veatch Ltd.) & Nicholas O'Dwyer Ltd and Tipperary County Council will always be subject to the necessary funding being made available by the competent authority to Tipperary County Council.

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

The Contract Sum is €200,041.25 excluding VAT and percentage fee for stages III, IV and V of 5% for Marlfield Lake Flood Relief Scheme.

Please return to me by email to james.swords@tipperarycoco.ie , no later than 17th September 2021, a copy of this letter acknowledging receipt as indicated below.

Is mise, le meas

Signed:

Print name: James Swords

On behalf of **Tipperary County Council**



Comhairle Contae Thiobraid Árann
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ACKNOWLEDGEMENT

We acknowledge receipt of this letter on 10th Sept

Signed: Gavin Reilly

Print name: GAVIN REILLY



On behalf of **Binnies Ltd (formerly Black & Veatch Ltd.) & Nicholas O'Dwyer Ltd**, duly authorised to accept the Tender