

VOLUME A – WORKS REQUIREMENTS (PART 1)

MEENREAGH BRIDGES REHABILITATION, KILLYGORDON, CO. DONEGAL

DONEGAL COUNTY COUNCIL

25076-SP-1801-TN01 | MAY 2026

QUALITY CHECK SHEET

DOCUMENT TITLE: VOLUME A – WORKS REQUIREMENTS (PART 1)

PROJECT TITLE: MEENREAGH BRIDGES REHABILITATION, KILLYGORDON, CO. DONEGAL

CLIENT: DONEGAL COUNTY COUNCIL

DOCUMENT REF: 25076-SP-1801-TN01

REVISION	DESCRIPTION	ISSUE DATE	PREPARED BY	CHECKED BY	APPROVED BY
TN01	Tender Issue	29 TH May 2026	AOG	LB	Mr. James Langan

AUTHOR, CHECKER AND APPROVER DETAILS

NAME	ROLE	QUALIFICATIONS
Mr. Adam O'Grady (AOG)	Project Engineer, Langan Consulting Engineers	B.E.
Mr. Liam Butler (LB)	Project Engineer, Langan Consulting Engineers	B.E. M.E. MIEI.
Mr. James Langan (JL)	Director, Langan Consulting Engineers	B.E. CEng MIEI, FConsEI

TABLE OF CONTENTS

1	PRELIMINARIES	3
1.1	INTRODUCTION.....	3
1.2	BACKGROUND	3
1.3	NAME OF CONTRACT	3
1.4	LOCATION.....	3
1.5	ABBREVIATIONS	3
1.6	PROJECT PARTICULARS	4
1.6.1	EMPLOYER.....	4
1.6.2	CONTRACTING AUTHORITY CONTACT	4
1.6.3	EMPLOYERS REPRESENTATIVE	4
1.6.4	PROJECT SUPERVISOR FOR THE DESIGN PROCESS (PSDP).....	4
1.6.5	PROJECT SUPERVISOR FOR THE CONSTRUCTION STAGE (PSCS)	4
1.7	CONDITIONS OF CONTRACT	4
1.8	SCOPE OF THE WORKS	5
1.9	DOCUMENTS FORMING PART OF THE WORKS REQUIREMENTS.....	5
1.10	PRICING DOCUMENT	6
1.11	RESTRICTIONS AND 3RD PARTIES	7
2	PROJECT CONTROL.....	8
2.1	GENERAL	8
2.2	PRE-APPOINTMENT INFORMATION.....	8
2.3	TRAFFIC MANAGEMENT	8
3	TECHNICAL SPECIFICATION	9
3.1	GENERAL	9
4	HEALTH AND SAFETY	10
4.1	GENERAL	10

LIST OF TABLES

Table 1.1 Volume A – Works Requirements	5
---	---

1 PRELIMINARIES

1.1 INTRODUCTION

Langan Consulting Engineers (LCE) is appointed by Donegal County Council (DCC) to develop a schedule of repair and upgrade works for Meenreagh bridge 1 & 2, Killygordon, Co. Donegal. DCC is seeking to appoint a suitably qualified and experienced Contractor to carry out the work requirement.

This document outlines the Works Requirements for the Contract.

1.2 BACKGROUND

'Meenreagh 1' bridge and 'Meenreagh 2' bridge are road bridges located approximately 150m apart on the local road L-6524, 12km south of the village of Killygordon, Co. Donegal. Meenreagh 1 bridge spans the Meenahinnis stream whilst the Meenreagh 2 bridge spans the Corraffrin stream.

The bridges are constructed from a concrete deck with steel beam supports constructed over old timber beams. These timber beams are in very poor condition with a broken beam visible under the deck of Bridge 2, there are large gaps of missing masonry and signs of scour visible at abutments of both structures. The Wing walls are slightly bulging on upstream side of Bridge 2 with gaps in masonry apparent. Parapet masonry is in poor condition and appears to be leaning on both bridges, heavy vegetation is present on the downstream side of Bridge 1.

While both bridges do not sit within a conservation area, the tributaries into the Mourne river, located 1km downstream, does. Therefore, much consideration must be taken to protect the River Finn SAC.

Meenreagh 1 Bridge is a single span beam structure with an overall span of 3.4m. The bridge is 3.7m wide and carries a 2.75m carriageway over the river. The structure has an overall height of 1.2m. Meenreagh 2 Bridge is a single span beam structure with an overall span of 4.8m. The bridge is 3.65m wide and carries a 2.75m carriageway over the river. The structure has an overall height of 1.7m.

1.3 NAME OF CONTRACT

See specification "SP-1001" (Volume A Part 2 specs).

1.4 LOCATION

See specification "SP-1001" (Volume A Part 2).

1.5 ABBREVIATIONS

The following abbreviations are used in this document. For all definitions, please see the Contract.

ER	Employer's Representative
GCCC	Government Construction Contracts Committee
PSCS	Project Supervisor for the Construction Stage
PSDP	Project Supervisor for the Design Process
Std	Standard (Details)

1.6 PROJECT PARTICULARS

1.6.1 EMPLOYER

Donegal County Council,
Corporate Services
First Floor
County House
Lifford
Co Donegal
Ireland
F93 Y622

1.6.2 CONTRACTING AUTHORITY CONTACT

Mr. Mark McGloin
Senior Engineer
Donegal County Council, County House, Lifford, Co Donegal, Ireland

1.6.3 EMPLOYERS REPRESENTATIVE

Langan Consulting Engineers or such other person as may be advised by the Employer.

All references to 'Engineer' in specifications, drawings and Contract documents shall refer to the Employer's Representative (ER) where applicable.

1.6.4 PROJECT SUPERVISOR FOR THE DESIGN PROCESS (PSDP)

Langan Consulting Engineers

1.6.5 PROJECT SUPERVISOR FOR THE CONSTRUCTION STAGE (PSCS)

The Contractor or Contractor's nominated Subcontractor, subject to the client being satisfied that the appointee is competent to undertake the role and is reasonably satisfied that the appointee has allocated or will allocate adequate resources to enable them to perform the duties imposed under the Safety, Health and Welfare (Construction) Regulations for that project supervisor position prior to any works commencing.

1.7 CONDITIONS OF CONTRACT

The form of contract to be adopted for the works will be the PW-CF11 Term Maintenance and Refurbishment Contract. The Contractor's attention is drawn to the conditions contained therein and their contractual obligation to comply with these obligations.

The Contractor should refer to the Instruction to Tenderers ("ITT") which identifies the documents that will form part of the Contract.

1.8 SCOPE OF THE WORKS

The Scope of Works includes, but is not limited to, the following:

- Establishment of temporary traffic management, including road closures and signing, for the duration of the works.
- Vegetation clearance within the works area.
- Demolition and removal of the existing reinforced concrete deck.
- Refurbishment of existing masonry abutments, including repair and repointing works to abutment and wing walls.
- Construction of a new in-situ reinforced concrete slab to span between the existing abutments, to distribute axle loadings, while incorporating new parapets.
- Construction of new in-situ reinforced concrete parapets to both sides of the new bridge deck.
- Reinstatement of road surfacing to tie into the existing road surface.

The Scope of Works also includes the construction of the Works as shown;

- Within this document (Volume A Part 1).
- Outlined in the Specification (Volume A Part 2).
- Drawings (Volume A Part 3).

The Works include all associated requirements such as (non-exhaustive list), works scheduling, access layouts, traffic management, Health and Safety responsibilities, environmental control etc.

The contractor shall include within the price for all elements of risk associated with working on an aged structure with existing stone masonry abutments, RC deck, and masonry parapet walls, on a single lane local roadway, and above a watercourse, where works may be interrupted due to inclement weather conditions.

The Contractor shall include within the price all costs associated with delivery and/or production of suitable materials in compliance with the specification.

The contractor is required to notify and/or query in advance any discrepancy, omission or error in, or between, the tender documents. Claims will not be entertained for any extra costs associated with pricing errors or pricing omissions for such items.

1.9 DOCUMENTS FORMING PART OF THE WORKS REQUIREMENTS

The following documents form part of VOLUME A – WORKS REQUIREMENTS in the Contract:

Table 1.1 Volume A – Works Requirements

Document/Drawing Title	Number	Scale	Revision
Volume A Part 1 - Works requirements document (this document)	25076-SP-1801	-	TN01
Volume A Part 2 – Specification	25076-SP-1001 and associated appendices	-	TN01
Volume A Part 3 – Drawings	See MDR for full list of requirement drawings.	-	TN01
Volume A Part 4 – MDR	25076-MD-2001	-	TN01

All of the above documents will be included in the “VOLUME A - Works Requirements” folder of the Tender Documents.

The model forms included are not required to be returned with the Tender. They are examples of the forms required to be completed by the Contractor where applicable as part of the Contract.

The term Specification shall apply to all of the above project specifications and associated drawings. The Contractor is referred to the Specification for workmanship and material requirements.

In the case of any conflict between the documents or drawings, the Engineer's decision shall be obtained.

The Contractor shall carry out everything necessary for the proper execution of the Works whether or not shown on the drawings or described in the Specification, provided same may reasonably be inferred there from.

1.10 PRICING DOCUMENT

A pricing document is included in VOLUME C of the Tender Documents.

The rates provided as part of the pricing document shall be used in the event of additional Works being required, and for valuing the works which have been carried out.

Where significant changes occur, which will result in a reduction of materials, labour and plant hours by the Contractor for execution of the works, all fair and reasonable savings shall be granted to the Employer in line with the Contract conditions.

1.11 RESTRICTIONS AND 3RD PARTIES

The Contractor shall take account of the following restrictions and regulations:

- All national and local laws, bylaws and regulations.
- The requirements in the Specification.
- All Statutory Environmental and Health and Safety requirements.

2 PROJECT CONTROL

2.1 GENERAL

For further project control details, refer to the Specification.

2.2 PRE-APPOINTMENT INFORMATION

Prior to the award of a contract the Contractor shall submit to the ER on request for his approval:

- A method statement and detailed programme showing the proposed phasing and logic linking the various construction activities and allow for any necessary revisions following discussions with the Employer and the ER. This programme shall be updated by the Contractor regularly and accurately, particularly as reasonably requested by the ER. The method statement and programme shall clearly demonstrate how the Works can be safely constructed in compliance with the Works Requirements. The method statement shall clearly demonstrate how access and weather constraints will be safely managed in compliance with the Works Requirements.
- Provide detailed resource statement (on a similar time based to programmes) for the key trades and sub-contractors based on foregoing developed programmes.
- Update tender method statements in light of development of the programmes and allow for any proposed alterations to information supplied pre-contract.
- Schedules of approvals, information/drawings required all in accordance with the programme. Include for agreeing times to allow for submissions and approval before the related work commences. The Contractor's management proposals for the project shall be agreed with the Employer prior to the placing of the Contract and the agreed arrangements shall be recorded in Minutes of Understanding which shall form part of the Contract Documentation.
- Tax, insurances and all financial details as requested by the Employer.

2.3 TRAFFIC MANAGEMENT

The Contractor shall be responsible for all traffic management at the site.

3 TECHNICAL SPECIFICATION

3.1 GENERAL

The Contractor is referred to the Specification in Volume A part 2

4 HEALTH AND SAFETY

4.1 GENERAL

See specification 'SP-1001' (Volume A Part 2) and Preliminary Health and Safety Plan detailed in the 'Items for information'.

DISCLAIMER

Langan Consulting Engineers (LCE) accepts no liability for any loss or damage arising as a result of any person, other than the named client, acting in reliance on any information, opinion or advice contained in this document. This document and its content are confidential and may not be disclosed, copied, quoted or published unless, LCE has given its prior written consent. This document may not be relied upon by any person, other than the client, its officers and employees.

LCE gives no warranty and accepts no liability as to the accuracy or completeness of information provided to it by or on behalf of the client or its representatives and takes no account of matters that existed when the document was transmitted to the client but which were not known to LCE until subsequently.

Analysis contains inherent uncertainty. LCE recommends the application of the upper bound flood level estimate from all analysis, and the inclusion of a min. of 500mm freeboard. Selection of mid-range estimates and lesser freeboard is at the risk of the client and the planning authority. All information relating to drainage and water networks assumes ongoing maintenance of the network and removal of obstructions to flow.

LCE accepts no liability for any matters arising if any recommendations contained in this document are not carried out, or are partially carried out, without further advice being obtained.

No person, including the client, is entitled to use or rely on this document and its contents at any time if any fees (or reimbursement of expenses) due to LCE by its client are outstanding. In those circumstances, LCE may require the return of all copies of this document.