



Fermanagh & Omagh
District Council
Comhairle Ceantair
Fhear Manach agus na hÓmaí

INVITATION TO TENDER

**TENDER FOR REFURBISHMENT OF EXISTING WORKSHOP TO
INCORPORATE OFFICE SPACE, STORE AND GARAGE FACILITY
AT THE WORKS DEPOT, GORTRUSH INDUSTRIAL ESTATE,
OMAGH**

TENDER REFERENCE 15 TNDR --- 001

Revised 28 May 2015

CONTACT INFORMATION

TENDER FOR REFURBISHMENT OF EXISTING WORKSHOP TO INCORPORATE OFFICE SPACE, STORE AND GARAGE FACILITY AT THE WORKS DEPOT, GORTRUSH INDUSTRIAL ESTATE, OMAGH

Name of Tenderer: _____

Address: _____

Postcode: _____

Telephone: _____ Mobile: _____

*Email: _____

***Please note that this email address WILL be used for all tender
correspondence with regard to this tender.**

Contact Name (Print in Caps):

Signature: _____

Date: _____

Closing date for submission of tender: no later than

12 noon on Monday 8 June 2015

Late Tenders will not be accepted

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(1275 Electrical Drawing Issue Sheet) 1275–15-E101, 1275-15- E201, 127-15-E301, 127-15-E501, 127-15-E601

(1275 Mechanical Drawing Issue Sheet) 1275–15-M401, 1275-15-M402, 1275-M403, 1275-M501

Documents

Site location Map, Schedule 1, Schedule 2, Schedule 3 and Schedule 4, Appendix K Ground condition Survey, Appendix L Designers Risk Assessment, Appendix 1 Pricing Schedule for Electrical Services Installation, Appendix 2 Pricing Schedule for Mechanical Services Installation, Appendix 3 Technical Specification for Electrical Services Installation, Appendix 4 Technical Specification for Mechanical Services Installation

SECTION 1: INTRODUCTION & BACKGROUND

INTRODUCTION

Fermanagh and Omagh District Council invite tenders for Refurbishment of existing Workshop to incorporate office space, stores & garage facility at the works depot, Gortrush Industrial Estate, Omagh.

BACKGROUND

Fermanagh and Omagh District Council has been established as one of the new councils under the Reform of Local Government Programme, which has reduced the number of councils from 26 to 11.

Information regarding Fermanagh & Omagh District Council can be found on the Council's website at www.fermanaghomagh.com

SECTION 2 : INSTRUCTIONS AND TERMS & CONDITIONS TENDER RETURNS

2.1 The tender(s) shall be made on the prescribed form. The Specification, together with these Instructions, Schedule of Works, all relevant tender documentation and completed Tender Form shall be forwarded by registered post or delivered by hand and a receipt obtained, in an envelope clearly marked as follows, to arrive **not later than 12 Noon on Monday 8th June 2015** Please mark the top left hand side of envelope as following:

TENDER FOR: REFURBISHMENT OF EXISTING WORKSHOP TO INCORPORATE OFFICE SPACE, STORE AND GARAGE FACILITY AT THE WORKS DEPOT, GORTRUSH INDUSTRIAL ESTATE, OMAGH

All tender returns should be made to:

Mr Brendan Hegarty
Chief Executive
Fermanagh and Omagh District Council
The Grange
Mountjoy Road
Omagh
County Tyrone
BT79 7BL.

The Council's representative for this purchase shall be Frank Donnelly email: tenders@fermanaghomagh.com

Two Hard copies of the tender submission must be submitted by the deadline along with a CD containing a full electronic copy of your submission.

Emailed or faxed tenders will not be accepted.

The Council is not bound to accept the lowest or any tender received.

The contract will be awarded on the basis of the most economically advantageous.

By issuing this tender, the Council is in no way committed to selecting any tender or to make any award of contract.

2.2 QUERIES, CLARIFICATIONS & ORAL COMMUNICATIONS

2.2.1 QUERIES

All queries should be emailed to tenders@fermanaghomagh.com no later than 12 noon on Monday 1st June 2015. Suppliers should note that responses to all queries will be emailed to all those downloading tender documents, without identifying the source of the query. Queries should be clearly labelled – **GORTRUSH DEPOT WORKSHOP TENDER** in the email subject field. Suppliers are advised to clarify any points of doubt or difficulty relating to the documentation before submitting their tender.

Fax, telephone or oral enquires will **NOT** be accepted. Nor will an email to any other address than the above.

The Tenderer shall be deemed to have satisfied itself before submitting its tender as to the accuracy and sufficiency of the rates and prices stated in its tender which shall (except in so far as is otherwise provided in the Contract) cover all the Contractor's obligations under the Contract and the contractor shall be deemed to have obtained for itself all necessary information as to risks and any other circumstances which might reasonably influence or affect the Contractor's tender.

Where a tenderer believes that a clarification is confidential in nature, the request for clarification should clearly identify that the tenderer wishes the response to be kept confidential and not circulated to all tenderers. In all circumstances, Fermanagh and Omagh District Council reserves the right to issue clarification responses to all tenderers at any stage when it believes, at its sole discretions, the clarification should be issued to all tenderers.

Fermanagh and Omagh District Council will not enter into detailed discussions on the requirements of this procurement process with individual respondents. Queries may be answered in batches rather than one at a time, with updates appearing at 2 or 3 working day intervals. Responses to queries raised will be e-mailed, using the email address provided when the document is downloaded from the Council's website or email address that is provided at the time of requesting the documents, to all who have requested the documents. Tenderers shall seek to clarify any points of doubt or difficulty relating to the documentation before submitting a tender.

2.2.2 CLARIFICATION

Before submitting a tender, clarification should be sought on any points of doubt. The deadline for receipt of points for clarification is 12 noon on Monday 1st June 2015. During the tender period requests for clarification cannot be made by telephone or in person, requests for clarification must be made via e-mail to tenders@fermanaghomagh.com

In all circumstances, Fermanagh and Omagh District Council reserves the right to issue clarification responses to all tenderers at any stage when it believes, at its sole discretions, the clarification should be issued to all tenderers. All clarification notices will be e-mailed, using the email address provided when the document is downloaded from the Council's website or email address that is provided at the time of requesting the documents, to all who have requested the documents.

Clarification Notices shall be come part of the tender and must be treated as such by all tenderers.

- 2.2.3 ORAL COMMUNICATION:** Oral discussions will not be considered binding. Tenderers shall not make assumptions on any matter nor shall they rely on any statements or representatives made to them by persons acting on behalf of Fermanagh and Omagh District Council unless they are confirmed in writing as an amendment to the tender

2.3 INSTRUCTIONS

- 2.3.1 Fermanagh and Omagh District Council will not enter into discussions on the requirements of this procurement process with individual respondents.
- 2.3.2 Queries may be answered in batches rather than one at a time. Queries received after the deadline may not be acknowledged or addressed.
- 2.3.3 In all circumstances, Fermanagh and Omagh District Council reserves the right to issue clarification responses to all enquirers at any stage when it believes, at its sole discretion, such clarifications are required.
- 2.3.4 The email address used in an enquiry may be used by Fermanagh and Omagh District Council as the circulation address for all clarifications/additional information. It is the supplier's responsibility to monitor such email traffic.
- 2.3.5 Clarification Notes shall become part of the tender document and must be treated as such by tenderers.
- 2.3.6 Any Supplier wishing to receive feedback on an unsuccessful tender submission should apply in writing to:
Nuala Conlan, Procurement Manager, Fermanagh and Omagh District Council, The Grange, Mountjoy Road, Omagh, Co.Tyrone, BT79 7BL
email: nuala.conlan@fermanaghomagh.com
- 2.3.7 Tenders received after the closing date and time cannot be considered. Fermanagh and Omagh District Councils cannot accept any responsibility for postal or delivery delays.
- 2.3.8 Tenders submitted by fax or electronic mail will not be considered.
- 2.3.9 Should any additions to the Specification as issued to Tenderers be deemed necessary prior to the date for submission of Tenders, these will be issued to Tenderers in the form of Supplementary Schedules and will form part of the contract document.
- 2.3.10 Fermanagh and Omagh District Councils do not bind themselves to accept the lowest or any tender.
- 2.3.11 The attached Form of Tender must be completed and signed: failure to do this will render the tender invalid.
- 2.3.12 The Council reserves the right to undertake company checks on any proposed supplier.
- 2.3.13 Except insofar as may be directed in writing by the Council, neither the Council nor any agent or servant in its employ has any authority to make

any representation or explanation to persons or corporations tendering or desirous of tendering, as to the meaning of the Instructions for Tendering, Specification, or other documents, or as to anything to be done or not to be done by the accepted Tenderer, or as to these Instructions, or as to any other matter or thing, so as to bind the Council or bind or fetter the judgment or discretion of the Project Manager under the contract in the exercise by him of his powers and duties under the Contract.

2.3.14 TENDER CHECKLIST

Please ensure you have completed and returned the tender checklist (Appendix G) and enclosed all requested information. Omission of any required information may render the tender invalid

2.3.15 NON AWARDS: Initiation of a tendering procedure imposes no obligation on Fermanagh and Omagh District Council to award a Contract. The Council is not liable for any compensation with respect to Quoting parties whose tenders have not been accepted. Nor shall it be so liable if it decides not to award the Contract.

2.3.16 The Council reserves the right to value engineer or omit work items contained in these tender documents, prior to contract award, if the project budget has been exceeded

2.4 TERMS & CONDITIONS

2.4.1 The Council may terminate this contract and recover all losses if the Contractor, its employees or anyone acting on the Contractor's behalf do any of the following things:

Offer, give or agree to anyone any inducement or reward in respect of this or any other contract with the project partners whether alone or in conjunction with elected members, contractors or employees.

Any clause limiting Contractor's liability shall not apply to this clause.

Tenderers shall treat the details of this Tender Document as Private and Confidential and they must ensure that the tender content, price or any other figure or particulars concerning their tender have not been disclosed to any other party.

2.4.2 SUB-CONTRACTING

Following award, the Successful Tenderer shall not sub-contract or sub-let all or any part of the contract without the contract.

2.4.3 INVOICES AND PAYMENT

The Successful Tenderer shall submit with all invoices such records as the Council may reasonably require to verify the information and the amounts referred to on invoices.

The Successful Tenderer shall provide to the name and address of his bank, the account name and number, the bank sort code and any other details, in whatever format the Council may require to facilitate electronic payment.

The Council is committed to prompt payment in accordance with statutory legislation and shall aim to pay the Successful Tenderer within 30 days of the receipt of a valid invoice, provided that the Council is satisfied that the Services for which the invoice relates have been performed fully in accordance with the Contract.

The Council requires the Contractor to make payment to any suppliers involved in the delivery of this contract within 30 days of the receipt of a valid invoice, provided that the contractor is satisfied that the Services for which the invoice relates have been performed fully in accordance with the Contract.

All invoices relating to this contract must be forwarded to **The Finance Department, Fermanagh and Omagh District Council, The Grange, Mountjoy Road, Omagh, Co.Tyrone, BT79 7BL** or by email to finance@fermanaghomagh.com

2.4.4 TENDER FORM

No unauthorised alteration or addition should be made to the Tender Form(s), or to any other of the contract documents. If any such alteration is made, or if these instructions are not fully complied with, the tender(s) may be rejected. The Tender Form must be completed and signed; failure to do this will render the tender invalid.

All prices entered on the tender documentation should be exclusive of VAT and in pounds sterling.

2.4.5 ARITHMETICAL ERRORS

Where examination of tenders reveals errors or discrepancies which would affect the tender figure(s) in an otherwise successful tender, the tenderer will be given details of such errors and discrepancies and afforded an opportunity of confirming or withdrawing his/her offer. There will be no opportunity for any tenderer to change their tendered rates. If the tenderer withdraws, the next tenderer in competitive order is to be examined and dealt with in the same way.

2.4.6 PERIOD TENDERS ARE TO REMAIN OPEN

Tenders must remain valid for acceptance for a period of 90 days from the closing date for submission of tenders.

2.4.7 EXPENSES AND LOSS

The Council will not be liable for any bids, expenses, work or effort incurred by any tenderer in proceeding or participating in this procurement, including the procurement process being terminated.

2.4.8 NORTHERN IRELAND LAW

The contract shall be governed and interpreted in accordance with the laws of Northern Ireland and the tenderer and the project partners irrevocably submit to the jurisdiction of the Northern Ireland Courts.

2.4.9 FREEDOM OF INFORMATION ACT 2000

The Council are subject to the terms of the Freedom of Information Act 2000. Tenderers should be aware that the information provided in the completed tender and contractual documents could be disclosed in response to a request under the Freedom of Information Act. We will proceed on the basis of disclosure unless an appropriate exemption applies. No information provided by tenderers will be accepted "in confidence" and the project partners accept no liability for loss as a result of any information disclosed in response to a request under the Freedom of Information Act.

2.4.10 FALSE INFORMATION

Tenderers must ensure that all information provided within their tender submission is accurate. The inclusion of information which is found to be false or misleading will result in the tender being rejected. Furthermore, in the event that false or misleading information comes to light after the award of the contract, this may result in termination of the contract.

2.4.11 DISCRIMINATION

The tenderer shall not unlawfully discriminate within the meaning and scope of the provisions of the Race Relations (NI) Order 1997, Sex Discrimination (NI) Order 1976 (as amended), Fair Employment and Treatment (NI) Order 1998 and the Disability Discrimination Act 1995 and shall take all reasonable steps to ensure that all servants, employees or agents of the tenderer do not unlawfully discriminate.

2.4.12 FAIR EMPLOYMENT AND TREATMENT (NI) ORDER 1998

The tenderer shall not be an unqualified person for the purposes of Sections 64 or 66 of the Fair Employment and Treatment (NI) Order 1998 and shall sign the Declaration and Undertaking annexed hereto (Appendix B). The tenderer shall not sub-contract any services or work to an unqualified person for the purposes of Sections 64 or 66 of the Fair Employment and Treatment (NI) Order 1998.

2.4.13 CANVASSING

The tenderer who directly or indirectly canvasses any official of the contracting authority concerning any award in respect of this competition, or who directly or indirectly obtains or attempts to obtain information from such officials concerning the proposed or any other competition will be disqualified.

2.4.14 PREVENTION OF CORRUPTION

This contract is subject to the Prevention of Corruption Acts 1889 and 1916. These Acts make it a criminal offence to give or offer any inducement to a public servant with the intention of influencing him/her in the discharge of his/her duties. Tenderers should therefore take care in dealings with the Employers' staff as offences could lead to the loss of a commission and/or prosecution under the Acts.

2.4.15 BRIBERY ACT 2010

Fermanagh and Omagh District Council require that all firms who submit tenders comply in full with the requirements of the Bribery Act 2010.

2.4.16 UNSATISFACTORY PERFORMANCE

It shall be a condition of the contract that, should the Council determine that the contract is not being satisfactorily performed, the contract may be terminated with 1 months notice by the council without compensation to the tenderer.

2.4.17 CLARIFICATIONS PRIOR TO AWARD

Clarification may be sought during assessment. The Council may require the Tenderer to provide further written clarification of any constituent elements of their Tender submission or any other information which the Council considers relevant, or the Tenderer may be required to attend a clarification meeting. Any failure to provide such information when requested, may exclude the tender from further consideration.

2.4.18 MEETINGS AND REPORTS

The Successful Tenderer shall attend all meetings arranged by the Council for the discussion of matters connected with the performance this contract.

2.4.19 MERGER, TAKE-OVER OR CHANGE OF CONTROL

The Successful Tenderer shall forthwith inform the Council in writing of any proposal or negotiations which may or will result in a merger, take-over, change of control, change of name or status, or the Contractor (being a company as defined in the Companies (NI) Order 1986-1990) shall inform the Council of any such change as defined in section 416 of the Income and Corporation Taxes Act 1988. The Contractor shall comply with any request by the Council for information arising from this Condition.

2.4.20 SUFFICIENCY OF INFORMATION

The Successful Tenderer shall be deemed to have satisfied itself before submitting its tender as to the accuracy and sufficiency of the prices stated by the Contractor in its tender which shall (except in so far as is otherwise provided in the Contract) cover all the Contractor's obligations under the Contract and shall be deemed to have obtained for itself all necessary information as to risks, contingencies and any other circumstances which might reasonably influence or affect the Contractor's tender.

2.4.21 PRICING

The Contract Price shall remain fixed during contract period.

Pricing provided must include all associated costs including travel, no additional charges to those listed on the Form of Quotation will be considered All prices entered on the tender documentation should be exclusive of VAT and in pounds sterling.

2.4.22 CONFIDENTIALITY

Tenderers shall treat the details of this Tender Document as Private and Confidential and they must ensure that the tender content, price or any other figure or particulars concerning their tender have not been disclosed to any

The Contractor shall take all necessary precautions to ensure that all Confidential Information obtained from the Council under or in connection with the Contract:-

is given only to such of the Staff and professional advisors or consultants engaged to advise it in connection with the Contract as is strictly necessary for the performance of the Contract and only to the extent necessary for the performance of the Contract;

is treated as confidential and not disclosed (without prior Council approval) or used by any Staff or such professional advisors or consultants otherwise than for the purposes of the Contract;

The Contractor shall ensure that Staff or its professional advisors or consultants are aware of the Contractor's Confidentiality obligations under this Contract.

The Contractor shall not use any Confidential Information it receives from the Council otherwise than for the purposes of the Contract.

In the event that the Contractor fails to comply with this Condition, the Council reserves the right to terminate the Contract by notice in writing with immediate effect.

SECTION 3: TENDER EVALUATION CRITERIA

Evaluation of the Tender submissions will follow a three stage process.

Stage 1: COMPLIANCE CRITERIA

This stage will consider compliance with the following:

- a. Mandatory Exclusion(s). **Pass / Fail** This will be assessed based on responses to Appendix A.
- b. Fair Employment & Treatment. **Pass / Fail** This will be assessed based on responses to Appendix B.
- c. Bone Fide Tendering. **Pass / Fail** This will be assessed based on responses to Appendix C.
- d. Equality Declaration. **Pass / Fail** This will be assessed based on responses to Appendix D.
- e. Freedom of Information. **Pass / Fail** This will be assessed based on responses to Appendix E.
- f. Insurance **Pass / Fail** This will be assessed based on responses to Appendix F.

The successful Tenderer will be required to hold the following levels of insurance throughout the duration of the contract: Employer's (£10 million), Public (£5 million), Professional Indemnity (£1m) Insurance.

In the event that your organisation does not have adequate insurance cover at the time of application, please confirm in writing that you are willing to put in place the required cover if your submission is successful.

h. Financial Standing **Pass/ Fail**

(Please submit with your tender submission a formal statement from your Bank or Auditor confirming your company's financial standing over the last three years. Please note that this statement must be as recent as possible and (***dated no earlier than 01 March 2015*** **Undated statements will not be accepted and may render your submission ineligible;**

Health & Safety

Pass/ Fail

(Please complete Appendix I and enclose a copy of your Health & Safety Policy)

Details for HM Revenue & Customs Construction Industry Scheme- **Pass/ Fail** (Please complete on Tender Form)

Please include:-

Your Company's registration number

Your company's unique tax payer's reference number. (UTR)

For Partnerships and sole traders please include National Insurance Number(s).

Disposal of Waste

Pass/ Fail

Disposal by Contractor - Please include either details of the licensed site(s) including their Waste Management Licence Number, or Waste Management Exemption Number to be used for disposing of any waste, and a copy of your Waste Carriers Registration Certificate must be submitted.

Disposal by third party - if employing a third party i.e. skip hire company to dispose of the waste on your behalf, you must provide full details of the company you intend to use. (This will include their Waste carrier registration number)

Stage 2: SELECTION CRITERIA

Only those submissions that gain a pass in this section will proceed to stage 3 of the assessment process

Experience

Pass / Fail

Evidence of relevant experience of 3 similar projects undertaken within the past five years. Please complete (Appendix Ji) provide:-

- i. name and address of client organisation
- ii. contract award date and duration
- iii. details of project
- iv. contact name and telephone number

Plus name and address of concrete sub-contractor and evidence of his relevant experience of 3 similar projects undertaken within the past 5 years. Please complete (Appendix Jii) and provide:-

- i. name and address of client organisation
- ii. contract award date and duration
- iii. details of project
- iv. contact name and telephone number

Please note that contacts provided may be contacted during the assessment process.

Assessment will be based on the first 3 project examples listed only.

Stage 3: AWARD CRITERIA

A designated marking system will be used by allotting points to each tender based on the following criteria

Price: - 85% (Bill of Quantities & Tender form).

The maximum mark will be awarded to the bidder submitting the lowest acceptable price. Other suppliers will then be awarded a pro rata percentage using the following formula:

$$\frac{\text{Available marks [85\%]} \times \text{Lowest acceptable price}}{\text{Bidder's price}}$$

This score will be added to that obtained for Methodology and Programme and the bidder with the highest overall score will be awarded the contract.

Methodology and Programme of Works - 15%

Tenderer to must provide a detailed methodology and timetable with their tender submission. The Methodology and Programme of Works responses will be assessed using the following scoring indicators, the responses will be marked out of a maximum score of 5 & multiplied by a weighting factor of 3 to give the total score out of 15%

Only those submissions which achieve a score of 3 out of 5 (weighted score 9 - Satisfactory) or above will be considered. Any submissions which achieve 2 out of 5 (weighted score 6) or less will be deemed less than Satisfactory and will disqualified from the assessment process.

Scoring Indicators	Score out of 5
An excellent response: an excellent Methodology which is fully supported by a comprehensive Programme of Works. No omissions and/or weaknesses identified.	5 Excellent
A good overall response: a good Methodology which is well supported by a good Programme of Works. Only minor omissions and/or weaknesses identified.	4 Good
A satisfactory response: an adequate Methodology which is supported by a satisfactory Programme of Works. Some omissions and/ or weaknesses identified.	3 Satisfactory
A limited response: an inadequate Methodology which is supported by a basic Programme of Works. Several material omissions and/or weaknesses have been identified.	2 Limited
A poor response: a poor Methodology which is supported by a poorly detailed Programme of Works. Major omissions and/or weaknesses have been identified.	1 Poor
No response or unacceptable information provided.	0 Nil Response/ Very Poor

SECTION 4: PRELIMINARIES

◆ **Brief**

Fermanagh & Omagh District Council proposes to refurbish an existing workshop at the Council Works Depot to incorporate office space, store and garage facility.

Tenderers must allow for all building work in their tender submission and must carryout a site investigation to establish extend of building work, foundation type and location of underground services.

The successful Tenderer will be responsible for the complete fit-out of all electrical, plumbing and engineering installations.

The successful Tenderer will be responsible for getting all Building Control Approval required for this work and must include for all costs associated with gaining Building Control Approval including completing all necessary application forms and drawings and paying the appropriate fees in his tender submission.

Final Payment on individual sites will not be released until a Building Control Completion Certificate has been received by the Project Manager for that specific site.

◆ **Site Address**

Fermanagh & Omagh District Council's Maintenance Depot, Gortrush Industrial Estate, Great Northern Road, Omagh, BT78 5EJ.

◆ **Drawings**

14-1604-01, 14-1604-02, 14-1604-03, 14-1604-04, 14-1604-05, 14-1604-06, 14-1604-07, 14-1604-08, 14-1604-09, 14-1604-010, 14-1604-011

(1275 Electrical Drawing Issue Sheet) 1275-15-E101, 1275-15- E201, 127-15-E301, 127-15-E501, 127-15-E601

(1275 Mechanical Drawing Issue Sheet) 1275-15-M401, 1275-15-M402, 1275-M403, 1275-M501

◆ **Documents**

Site location Map, Schedule 1, Schedule 2, Schedule 3 and Schedule 4, Appendix K Ground condition Survey, Appendix L Designers Risk Assessment, Appendix 1 Pricing Schedule for Electrical Services Installation, Appendix 2 Pricing Schedule for Mechanical Services Installation, Appendix 3 Technical Specification for Electrical Services Installation, Appendix 4 Technical Specification for Mechanical Services Installation

◆ **Timescale**

As per submitted Methodology and Timetable.

◆ **Employer**

Fermanagh & Omagh District Council, The Grange, Mountjoy Road, Omagh, Co Tyrone, BT79 7BL.

♦ **Project Managers**

Pat Clarke/Frank Donnelly

♦ **Access**

Access to the site is limited and appropriate vehicle and plant must be used when gaining access. Access to sites is shown on attached Location Plans. No vehicles or machinery will be allowed to be parked on the public road or in the Works Depot Yard.

All access arrangements are to be agreed in detail with the Project Manager prior to start on site.

♦ **Storage**

The Contractor is to provide his own storage. Any reinstatement to storage areas must be carried out at the end of the contract by the Contractor at his own expense.

♦ **Water Supply**

The Contractor shall make arrangements for an adequate supply of water for the works. The cost of laying temporary pipelines and any other associated charges shall be borne by the Contractor.

♦ **Services**

The Contractor shall be responsible for locating service runs and rectifying any damage that may occur to them as result of this work.

♦ **Nature of the Site**

The Contractor's work will not interfere with Council Staff/ general public's safe use of Works Depot Yard, Roadway or pavements and operations shall be devised to meet this requirement.

No extra charge made in consequence of failing to visit the site shall be entertained.

♦ **Plant**

The Contractor is to use only small plant suitable for the site, maximum size of Digger 3 Tonne, Dumper 2 Tonne etc. All plant must be approved with the Project Manager prior to entering the site.

♦ **Existing Environment**

The Contractor must carry out this contract in a manner that will not harm the existing environment or buildings. Any damage caused shall be repaired at the Contractor's own expense.

♦ **Programme**

The Contractor shall submit a detailed programme, for the works, to the Project Manager at the start of the contract.

♦ **Pricing the Preliminaries**

The pricing of the preliminaries is to be by way of a fixed amount in respect of the whole of the work included in this specification including provisional sums.

♦ **Inspection**

The Tenderer must visit the site to ascertain prevailing conditions as no claim for want of knowledge in this respect shall be entertained.

◆ **Adjacent Property**

No damage is to be caused to adjacent property, pavement and roads. No concrete, mortar, plaster or any other material may be mixed on any paved or landscaped areas. Watertight platforms are to be issued for mixing these materials. The contractor will be required to reinstate all damage to hard or soft areas that arise out of these works. (No oil spillages or leakages are allowed)

◆ **Injury, Damage and Insurance**

The Contractor shall hold and continue to hold during the Contract Period, Public Liability Insurance (amount of indemnity required for any one occurrence arising out of an event £5,000,000.00) indemnifying Fermanagh & Omagh District Council against any claim arising directly or in-directly from the Contractor's use of the site. Also Employer Insurance (amount of indemnity required for any one occurrence arising out of an event £10,000,000.00). He shall be required to provide copies of his certificates of insurance with his tender submission.

◆ **Health and Safety at Work**

The Contractor shall comply with all current Health and Safety at Work Legislation including all his staff, sub-contractors or advisers. All areas of the site are to be maintained safely for the public.

The Contractor is to provide for complying with the Construction Design and Management Regulation (NI) including undertaking the role of Principal Contractor. The Contractor will also have to provide the Council with a copy of the Company's Health and Safety Policy with his tender submission.

The Contractor shall notify the Health and Safety executive of the proposed building works before commencement on site. A copy of the notification shall be sent to the Project Manager.

◆ **Method Statement**

The Contractor is to provide a Method Statement indicating his approach to the project and giving detailed procedures for personnel and plant working in close proximity to the above sites (public roadway) with his tender submission.

◆ **Acceptance of Tender**

The Council does not bind itself to accept the lowest or any tender or to be responsible for expenses incurred in tendering.

◆ **HM Revenue & Customs Construction Industry Scheme**

The Contractor must provide details for HM Revenue & Customs Construction Industry Scheme this must include your Company's registration number and unique tax payer's reference number (UTR)

◆ **Removal of Rubbish**

Remove all rubbish; debris arising out of the work to a Northern Ireland Environment Agency Licensed tip. Keep site clean and tidy throughout the duration of the contract. Particular attention must be paid to keeping the Yard, roads, pavements and paths clean and safe.

◆ **Disposal of Waste**

All surplus materials are to be disposed of in accordance with all Waste Management Legislation and Regulations. Details on requirements of the Legislation are available from Northern Ireland Environment Agency. Tenderers are requested to provide the following details with their tender submission:-

Disposal by Contractor - Please include either details of the licenced site(s) including their Waste Management Licence Number, or Waste Management Exemption Number to be used for disposing of any waste, and a copy of your Waste Carriers Registration Certificate must be submitted.

Disposal by third party - If employing a third party i.e. skip hire company to dispose of the waste on your behalf, you must provide full details of the company you intend to use. This will include their Waste carrier registration number, and a copy of the Waste Transfer Note used in the transport of the waste to the suitably licensed facility.

The Successful Tenderer will be required to provide the Council with all Duty of Care Documentation inline the (Controlled Waste Duty Of Care Regulations) and the (Registration of Carriers/Seizure of Vehicles Regulations) at the handover of the contract.

◆ **Name Board**

The Successful Contractor must obtain prior approval from the Project Manager if he intends to erect a Contractor's name board at the site. This name board shall be taken down at the hand-over stage of the contract.

◆ **Site Security**

Ensure site is adequately protected to avoid damage to the work. The Contractor is to ensure his plant and materials are adequately protected.

◆ **Site Accommodation**

Space for site accommodation is limited. Positioning of any site accommodation is to be subject to the Project Manager's approval. The Contractor shall be liable for all reinstatement arising out of the installation and removal of accommodation.

◆ **Preambles General**

- Materials used for making good shall be compatible in specification and of equal quality, strength, performance and appearance to those incorporated in the structure that is being made good.
- The Contractor shall make good to voids where materials broken out, using compatible materials of that abutting proposed or remaining to the Project Manager's approval.
- The prices generally shall be deemed to include for all testing and provision of samples specifically referred to in the specification.
- Prices for the measured works are to include for the qualifications, definitions and descriptions of materials and workmanship contained in this specification.

◆ **British Standards**

All materials and workmanship are, unless herein otherwise specified to be in accordance with the latest British Standard Specification or British Standard Code of Practice as adopted and issued by the British Standards Institution, 2 Park Street, London, W1, current at the date of tender, subject to any amendments thereof issued by the British Standards Institution and current at the said date, or where there is no such British Standard, then according to the best principles of the trade to which the particular work belongs. Obtain written confirmation that materials comply with British Standards when requested by the Project Manager.

Any reference to any British Standard Specification or Code of Practice whether any year of issue thereof is stated or not shall be deemed to refer to the edition of that British Standard Specification or Code of Practice current at the date of tender, subject to any amendments thereof issued by the British Standards Institution. The British Standard and Code of Practice are hereinafter abbreviated to BS and BSCP respectively.

◆ **Materials and Workmanship**

Immediately upon receiving a letter of intent or instruction to proceed the Contractor shall ascertain the quantity of and the availability of all materials required for carrying out the works. Orders shall be placed for all materials to ensure their purchase in good time to allow their incorporation into the Works in accordance with the agreed Time and Progress Schedule. This is particularly important for items of equipment.

All materials are to be properly unloaded, stored and protected from damage or deterioration at all times throughout the progress of the works. The word 'best' wherever used except where otherwise specially stated shall be taken in its ordinary sense notwithstanding any trade custom to the contrary.

Where and to the extent that materials, products and workmanship are not fully specified they are to be:-

- (i) Suitable for the purposes of the works stated in or reasonably to be inferred from the Contract Documents and
- (ii) in accordance with good building practice including the relevant provisions of current BSI documents.

Where and to the extent the work is specified to be approved, if the Project Manager instructs or requires that work is to be executed to comply with all other requirements and in respect of the stated or implied characteristics either:-

- (i) to the express approval of the Project Manager; or
- (ii) to match a sample expressly approved by the Project Manager as a standard for the purpose.

All manufactured items from named suppliers are to be stored, used, mixed and applied or assembled and fixed in strict accordance with the manufacturer's instructions.

The Contractor should note that this contract has been designed in metric units except where otherwise specifically stated. Where British Standard Specifications, British Code of Practices or other rules and regulations have been quoted and these have not been issued in revised form based on metric units the relevant Standard Code rule or regulations in Imperial Standard is to be applied and has been described hereinafter.

Where a product specification and / or supplier is named the Contractor may not substitute a similar or equivalent product or supplier, subject to the approval of the Project Manager as described above. Where alternative products and / or suppliers are named only the named products or suppliers will be approved.

◆ **Appearance and Fit**

The Contractor shall arrange the setting out, erection, juxtaposition of components and application of finishes (working with practical limits of the design and the specification) to ensure that there is satisfactory fit at junctions and that the finished work has a well aligned, true and regular appearance. Wherever satisfactory accuracy, fit and / or appearance of work are likely to be critical or difficult to achieve the Contractor is to obtain approval of proposals or of the appearance of the relevant aspects of the partially finished work as early as possible.

Where approval of products or materials is specified the Contractor shall submit samples or other evidence of suitability and not confirm orders or use materials until approval has been obtained. Approved samples are to be retained on site for comparison with products and materials.

SECTION 5: SPECIFICATION

5.1.0 **CONCRETE WORK**

- 5.1.1 Concrete must be placed by reputable, skilled professionals. Tenderers must name the person responsible for laying the concrete and submit details of at least 3 previous jobs carried out with their tender submissions.
- 5.1.2 Special care shall be taken in warm weather when the setting of concrete is considerably accelerated. Not more than 60 minutes shall elapse between the mixing of any batch and its final placing in position. No concrete which has developed an initial set will be allowed to be used and any batch or part of a batch which has commenced to set before being placed shall be rejected.
- 5.1.3 No concrete shall be placed in frosty weather below 2 degrees C.
- 5.1.4 No concrete shall be placed during heavy rain.
- 5.1.5 Suitable precautions shall be taken to protect from adverse weather conditions all newly placed concrete and to retain the moisture necessary for its proper curing all to the satisfaction of the Project Manager.
- 5.1.6 Concrete shall be placed immediately after mixing.
- 5.1.7 The compacting and finishing of the concrete shall be carried out as rapidly as possible and include using mechanical vibration and finish to be with a fine manual tamped finish in direction of the slope.
- 5.1.8 Structural concrete to be designated concrete RC28/35 to BS 8500, Pt 1 & 2:2006.
- I. Cement to be type CEM 1 (ordinary Portland Cement)
 - II. Minimum cement content 280 kg/m³
 - III. Minimum water/cement ratio = 0.6
 - IV. Slump class S3 (80<S<180mm)
 - V. Strength Class C28/35

3 No cube samples to be taken per 25m³ of concrete delivered to site for compressive strength testing by an accredited and independent materials testing station.

5.1.9 **MATERIALS, BATCHING AND MIXING**

READY-MIXED CONCRETE

- Production plant: Currently certified by a body accredited by UKAS to BS EN 45011 for product conformity certification of ready-mixed concrete.
- Source of ready-mixed concrete: Obtain from one source only. Otherwise, submit proposals.

SPECIFICATION

- Name and address of depot: Submit before any concrete is delivered.
- Delivery notes: Retain for inspection.
- Declarations of nonconformity from concrete producer: Notify immediately.

5.1.10 **INFORMATION ABOUT PROPOSED CONCRETES**

- Details listed in BS 8500-1 clause 5.2: Submit when requested.

5.1.11 **CHANGES TO SPECIFICATION**

- Changes to specification of fresh concrete (outside concrete producer's responsibility): Submit proposals.

5.1.12 **DRYING SHRINKAGE**

- Drying shrinkage of concrete (maximum): 0.075%.
 - Test method: To BS EN 1367-4.

5.1.13 **ADMIXTURES**

- Calcium chloride and admixtures containing calcium chloride: Do not use. Compatibility between admixture combinations and between admixtures and cement types must be considered when selecting materials.

5.1.14 **PROPERTIES OF FRESH CONCRETE**

- Adjustments to suit construction process: Determine with concrete producer. Maintain conformity to the specification.

5.1.15 **IDENTITY TESTING/ CERTIFICATION**

IDENTITY TESTING OF FRESH CONCRETE

- Testing: To BS EN 206-1, annex B and BS 8500-1, annex B.
 - Nonconformity: Obtain instructions immediately.
- Recording: Maintain complete correlated records including:
 - Sampling, site tests, and identification numbers of specimens tested in the laboratory.
 - Location of the parts of the structure represented by each sample to be marked on plans and retained for incorporation into the Health and Safety File.
 - Location in the structure of the batch from which each sample is taken.

5.1.16 **REGULAR IDENTITY TESTING**

- Tests:
 - Compressive strength.
- Sampling:
 - Columns and cantilever sections one sample per 12 m³, all other concrete elements one sample (4 cubes) per 20 m³.

5.1.17 **IDENTITY TESTING LABORATORY**

- Laboratory: Accredited by UKAS or other national equivalent.
 - Name and UKAS reference number: Submit well in advance of making trial mixes or concrete for use in the works.

5.1.18 **IDENTITY TESTS RESULTS**

- Submission of reports: Within one day of completion of each test.
- Number of copies: Three Reports on site: A complete set, available for inspection.

5.1.19 **BROKEN CUBES FROM FAILED IDENTITY TESTS**

- Nonconformity: Keep separately the pieces of each cube which fail to meet the conformity requirements for individual results.
 - Period for keeping cubes: Obtain instructions.
- Whenever the specified sampling, testing and compliance procedures show that a concrete mix is not in accordance with the specification (even if the work is eventually accepted), and measures are taken to help in establishing whether or not the work is acceptable, such measures will be at the expense of the contractor and will not be considered as grounds for extension of time.

5.1.20 **PLACING AND COMPACTING**

CONSTRUCTION/ SEQUENCE/ TIMING REQUIREMENTS

Contractor to submit propping proposals including design calculations, method statements, proposals for propping, back propping taking account of the age and strength of the slab.

To be further developed with concrete sub contractor

5.1.21 **PREMATURE WATER LOSS**

- Requirement: Prevent water loss from concrete laid on absorbent substrates.
 - Underlay: Select from:
 - Polyethylene sheet: 250 micrometers thick.
 - Building paper: To BS 1521, grade B1F.
 - Installation: Lap edges 150 mm.

5.1.22 **CONSTRUCTION JOINTS**

- Locations of construction joints: Submit proposals where not shown on drawings.
 - Preparation of joint surfaces: Select from:
 - Brushing and spraying: Remove surface laitance and expose aggregate finish while concrete is still green. Surface to be scabbled to accept new pour.
- Condition of joint surfaces immediately before placing fresh concrete: Clean and damp.

SPECIFICATION

5.1.23 **SURFACES TO RECEIVE CONCRETE**

- Cleanliness of surfaces immediately before placing concrete: Clean with no debris, tying wire clippings, fastenings or free water.

5.1.24 **INSPECTION OF SURFACES**

- Notice: Give notice to allow inspections of reinforcement and surfaces before each pour of concrete.
- Period of notice: 24 Hours.

5.1.25 **TRANSPORTING**

- General: Avoid contamination, segregation, loss of ingredients, excessive evaporation and loss of workability. Protect from heavy rain.
- Entrained air: Anticipate effects of transport and placing methods in order to achieve specified air content.

5.1.26 **PLACING**

- Records: Maintain for time, date and location of all pours.
- Timing: Place as soon as practicable after mixing and while sufficiently plastic for full compaction.
- Temperature limitations for concrete: 30°C (maximum) and 5°C (minimum). Do not place against frozen or frost covered surfaces.
- Continuity of pours: Place in final position in one continuous operation up to construction joints. Avoid formation of cold joints.
- Discharging concrete: Prevent uneven dispersal, segregation or loss of ingredients or any adverse effect on the formwork or formed finishes.
- Thickness of layers: To suit methods of compaction and achieve efficient amalgamation during compaction.
- Poker vibrators: Do not use to make concrete flow horizontally into position, except where necessary to achieve full compaction under void formers and cast-in accessories and at vertical joints.

5.1.27 **COMPACTING**

- General: Fully compact concrete to full depth to remove entrapped air. Continue until air bubbles cease to appear on the top surface.
 - Areas for particular attention: Around reinforcement, under void formers, cast-in accessories, into corners of formwork and at joints.
- Consecutive batches of concrete: Amalgamate without damaging adjacent partly hardened concrete.
- Methods of compaction: To suit consistence class and use of concrete.

SPECIFICATION

5.1.28 **VIBRATORS**

- General: Maintain sufficient numbers and types of vibrator to suit pouring rate, consistency and location of concrete.
- External vibrators: Obtain approval for use.

5.1.29 **PLASTIC SETTLEMENT**

- Settlement cracking: Inspect fresh concrete closely and continuously wherever cracking is likely to occur, including the top of deep sections and at significant changes in the depth of concrete sections.
- Timing: During the first few hours after placing and whilst concrete is still capable of being fluidized by the vibrator.
- Removal of cracks: Re-vibrate concrete.

5.1.30 **PROTECTION**

- Prevent damage to concrete, including:
 - Surfaces generally: From rain, indentation and other physical damage.
 - Surfaces to exposed visual concrete: From dirt, staining, rust marks and other disfiguration.
 - Immature concrete: From thermal shock, physical shock, overloading, movement and vibration.
 - In cold weather: From entrapment and freezing expansion of water in pockets, etc.

5.1.31 **REINFORCEMENT FOR IN SITU CONCRETE**

To be read with Preliminaries/ General Conditions.

REINFORCEMENT

- “h” denotes high yield reinforcement to BS 8666:2005.
- f_{yk} = 500N/mm² class B mesh reinforcement to BS 4483 minimum lap length of bars to be 40 x diameter nominal cover to reinforcement.
- Pilecaps=50mm, pit walls and base = 35mm
- Slab = 35mm
- 50mm GEN2 blinding to be placed beneath all foundations and ground floor slab pours.
- Engineer to inspect reinforcement prior to pouring of any concrete. Contractor to inform the Council’s appointed engineer when reinforcement is ready for inspection.
- Council’s Engineer: Glyn Wallace, Wallace Doherty Consulting Engineers, 6f Carrakeel Industrial Park, Maydown, Derry, BT47 65Z. Tele: 028 71 863331.

5.1.32 **QUALITY ASSURANCE OF REINFORCEMENT**

- Reinforcement to BS 4449, BS 4483 or BS 6744, cut and bent to BS 8666: Obtain from companies holding valid certificates of approval for product conformity issued by the UK Certification Authority for Reinforcing Steels (CARES).

SPECIFICATION

5.1.33 **RIBBED BAR REINFORCEMENT**

- Standard: To BS 4449.
Strength grade: 460 B.

5.1.34 **FABRIC REINFORCEMENT**

- Standard: To BS 4483.

5.1.36 **CUTTING AND BENDING REINFORCEMENT**

- General: To schedules and to BS 8666.
- Restrictions on bending steel:
 - Rebending including minor adjustments: Obtain instructions.
 - Temperatures below 5°C: Obtain instructions.
 - Temperatures greater than 100°C: Prohibited.

5.1.37 **PROTECTION OF REINFORCEMENT**

- Dropping from height, mechanical damage and shock loading: Prevent.
- Cleanliness of reinforcement at time of pouring concrete: Free from corrosive pitting, loose millscale, loose rust and contaminants which may adversely affect the reinforcement, concrete, or bond between the two.

5.1.38 **PROJECTING CONTINUITY REINFORCEMENT**

- Bending on site: Submit proposals.

5.1.39 **LAPS OR SPLICES**

- Obtain instructions if details are not shown on drawings:

5.1.40 **LAPS NOT DETAILED ON DRAWINGS**

- Laps in bar reinforcement (minimum): 400mm.
- Laps in fabric reinforcement (minimum): 250 mm.
Laps at corners: Avoid four layer build-up.

5.1.41 **FIXING REINFORCEMENT**

- Standard: To BS 7973-1 and -2.
Installation: In addition to any spacers and chairs shown on drawings or schedules, provide adequate support, tie securely and maintain the specified cover.
- Tying:
 - Wire type: 16 gauge black annealed. Use stainless steel wire for stainless steel reinforcement.
 - Ends of tying wire: Prevent intrusion into the concrete cover. Remove loose ends.
- Compatibility of metals: Prevent contact between ordinary carbon steel and stainless or galvanized reinforcement.

5.1.42 **TOLERANCES ON COVER**

- Definition of nominal cover to BS 8500-1: Minimum cover plus tolerance for fixing.
 - Tolerance (maximum): 10mm.
- Checking specified cover dimensions: Before concreting check that cover dimensions will be achieved.

SPECIFICATION

5.1.43 **SPACERS**

- To formed concrete finishes, if permitted (see section E20) to be approved types.

5.1.44 **RUST STAINING**

- Staining of surfaces of concrete which will be exposed to view in the finished work: Prevent.

5.1.45 **Designed joints in insitu concrete**

To be read with Preliminaries/General conditions.

5.1.46 **ACCURACY**

All joints to be accurately located, straight and well-aligned, and truly vertical or horizontal or parallel with the setting out lines.

5.1.47 **CONSTRUCTION/ MOVEMENT JOINTS GENERALLY**

- Accuracy: Position and form joints accurately, straight, well-aligned and truly vertical or horizontal or parallel with setting out lines of the building.
- Modifications to joint design or location: Submit proposals.
- Placing concrete to form movement joints:
 - Maintain effectiveness of joints. Prevent concrete entering joints or penetrating or impregnating compressible joint fillers. Do not place concrete simultaneously on both sides of movement joints.

5.1.48 **ADDITIONAL CONSTRUCTION JOINTS**

- Joints additional to those required by designer:
Permitted in watertight concrete using flexible water stops, Contractor to submit proposals.
- Approval of additional joints: Submit proposals.

5.1.49 **FORMED JOINTS**

- Forms/ stop ends generally: Rigid and grout-tight.
- Forms/ stop ends for projecting continuity reinforcement: To accommodate bars or fabric without temporary bending or displacement.

5.1.50 **FORMED JOINTS IN CONCRETE WEARING SURFACES**

- Temporary forms: Square edged with a steel top surface.
- placing concrete: Compact thoroughly at edges to give level, closely abutted joints with no lipping.

5.1.51 **PREPARATION OF CONSTRUCTION JOINTS**

- Roughening of joint surfaces: Select from:
 - Brushing and spraying: Remove surface laitance and expose aggregate finish while concrete is still green.
 - Other methods: Submit proposals.
- Condition of joint surfaces immediately before placing fresh concrete: Clean and damp.

5.1.52 **TIE BARS**

- Standard: To BS 4449.
 - Strength grade: 250.
- Cleanliness: Free from corrosive pitting, loose millscale, loose rust and contaminants which may adversely affect the tie bars, reinforcement, concrete, or bond between the two.
- Position: Centered on the joint.

5.1.53 **DOWEL BARS**

- Standard: To BS 4449.
 - Strength grade: 250.
 - Properties: Perfectly straight, with sawn (not sheared) ends.
- Debonding: Achieve effective debonding to half of each bar using either a suitable proprietary debonding compound or a suitable plastics sleeve.
- Position: At right angles to and centered on the joint.
- Expansion joints: Fit an approved type of cap incorporating not less than 20 mm of compressible material to debonded ends of all bars.

5.1.54 **SHEET JOINT FILLER FOR EXPANSION JOINTS**

- Manufacturer: Submit proposals.
 - Product reference: Submit proposals.
- Joints finished with sealant: Leave sufficient space for sealant by using temporary formers.

Will be by an approved manufacturer and detailed on the drawings

5.1.55 **SEALANT JOINTS**

- Manufacturer: Submit proposals.
 - Product reference: Submit proposals.
 - Colour of surfaces exposed to view: Submit proposals].

5.1.56 Worked finishes to in situ concrete
To be read with Preliminaries/ General Conditions.

5.1.57 **FINISHING GENERALLY**

- Timing: Carry out finishing operations at optimum times in relation to the setting and hardening of concrete.
 - Prohibited treatments to concrete surfaces:
 - Wetting to assist surface working.
- Sprinkling cement.

5.1.58 **TAMPED FINISH**

- Finish: Even array of parallel ribs, Car park Ramps.
Locations to be confirmed and indicated on drawings

5.1.59 **BRUSHED FINISH**

- Finish: Light even texture.
 - Timing: While concrete is sufficiently green.
- Locations to be confirmed and indicated on drawings*

SPECIFICATION

5.1.60 **READY-MIXED CONCRETE**

- 5.1.60.1 The Contractor will bear full responsibility for the standard of quality of the concrete and shall ensure that the supplier is notified of the requirements of this specification and that the correct mix is supplied for each part of the works.
- 5.1.60.2 No water shall be added to the mix after its arrival on site without the prior knowledge and approval of the supplier.
- 5.1.60.3 If concrete is delivered which is not within the specified tolerance range for slump it shall be rejected unless the supplier agrees to the addition of water to the mix before discharge. Slump tests and cube tests shall be carried out on the batch and the location of the concrete in the works shall be recorded. The Project Manager is to be informed of the alteration of the mix supplied.
- 5.1.60.4 The drum of the mixer must be kept rotating at all times after the water has been added to the mix until the concrete in the drum has been completely discharged. In no case shall concrete be mixed for more than three hours. All concrete shall be placed in its final positions in the Works within 15 minutes of leaving the drum.
- 5.1.60.5 The results of test on cubes made on site in accordance with Clause 912 will be used to assess the quality of the concrete supplied and the Contractor will be responsible for ensuring that the samples are made and tested in accordance with BS 1881.
- 5.1.60.6 Before discharging the concrete at the point of delivery, the supplier shall provide the Contractor with a delivery docket for each batch of concrete which shall indicate the following information:-
- Name or number of ready-mixed concrete depot
 - Serial number of docket
 - Date
 - Truck Number
 - Name of Contractor
 - Name and location of job
 - Specified grad of concrete and mix composition Code reference
 - Specified workability
 - Type of cement
 - Type of aggregate
 - Max size of aggregate
 - Type or name of approved admixture
 - Amount of concrete in cubic metres
 - Time of loading
 - Extra water added on site with the approval of the supplier.

5.1.61 **TRANSPORT AND PLACING CONCRETE**

Normally concreting shall not be continued when descending air temperatures in the shade falls below 3°C nor shall it be resumed until an ascending air temperature in the shade reaches 1 °C. The Project Manager, however, may permit the Contractor to continue while temperatures remain above -5 °C providing the recommendations of the Committee on Winter Building (HMSO Report 1963) are applied.

The Contractor shall, before commencing work in cold weather, satisfy the Project Manager that he has taken adequate measures with regard to the following:-

1. protection of stockpiles
2. heating of the mix
3. the use of additives
4. Avoidance of heat loss in placing.
5. Protection of the concrete in place.

5.1.62 **MOVEMENT JOINTS**

Type ES: Expansion joints in Slabs (Similar to BS 8007 Fig 5.1 (a))

These joints incorporate:-

1. An external waterstop below the slab.
2. A sealant in a rebate at the top of the slab.
3. Dowel bars across the joint, debonded on one side.
4. A joint filler within the joint.

The slab reinforcement is not continuous through the joint.

5.1.62.1 **TYPE FCW: Formed Complete Contraction Joints in Slabs** (Similar to BS 8007 Fig 5.1 (a))

These joints incorporate:

1. An internal waterstop within the wall.
2. A sealant in a rebate at both faces of the wall.
3. Dowel bars across the joint.

The slab reinforcement is not continuous through the joint.

5.1.62.2 **TYPE ICS: Induced Complete Contraction Joints in Slabs** (Similar to BS 8007 Fig 5.1 (b))

These joints incorporate:

1. An external crack inducing waterstop below the slab.
2. A sealant in a rebate at the top of the slab.
3. Dowel bars across the joint.

The slab reinforcement is not continuous through the joint.

5.1.62.3 **TYPE FPS: Formed Partial Contraction Joints in Slabs** (Similar to BS 8007 Fig 5.1 (c))

These joints incorporate:

1. An external waterstop below the slab.
2. A sealant in a rebate at the top of the slab.

A proportion of the slab reinforcement is continuous through the joint.

5.1.62.4 **TYPE IPS: Induced Partial Contraction Joints in Slabs** (Similar to BS 8007 Fig 5.1 (c))

These joints incorporate:

1. An external crack inducing waterstop below the slab.
2. A sealant in a rebate at the top of the slab.

A proportion of the wall reinforcement is continuous through the joint.
The following joints are not described in BS 8007 and are not required to be water-retaining.

5.1.62.5 **TYPE ETS: Expansion Joint in 200 mm Thick Topping Slab**

These joints incorporate:

1. A joint filler within the joint.
2. Dowel bars across the joint debonded on one side.

The slab reinforcement is not continuous through the joint. The joint does not require a rebate joint sealant or waterstop.

5.1.62.6 **TYPE CTS: Contraction Joint in 200 mm Thick Topping Slab**

These joints incorporate:

1. Dowel bars across the joint.

The slab reinforcement is not continuous through the joint. The joint does not require a rebate joint sealant or waterstop.

5.1.62.7 Details of the constructional requirements and the components of each of these joint types are indicated on the Drawings and in the Specification Clauses 437, 449 and 450.

5.1.62.8 The locations, extent and types of the joints in concrete structures expressly required by the Project Manager in the contract are indicated on the Drawings. The Contractor shall not form any additional joint without the written approval of the Project Manager and the construction details and the construction details and components of any such additional joints shall be in accordance with the Project Manager's requirements. All additional joints required by the contractor shall be at the Contractor's own expense.

5.1.63 JOINT SEALING AND WATERSTOPS

Joint Sealing

- 5.1.63.1 *Joint sealants shall be in accordance with the guidance recommendations of BS 6213:1982.*
- 5.1.63.2 Joint sealants shall be an approved two-part polysulphide compound complying with BS 4254 and entirely suitable for use in Sewage Treatment Works Structures.
- 5.1.63.3 Joint sealants shall be applied against a suitable firm backing support and shall not be applied across a gap.
- 5.1.63.4 Where it is necessary to reduce the depth of a sealant rebate, approved closed cell polyethylene foam shall be inserted into the rebate.
- 5.1.63.5 Approved polyethylene tape shall be used at the base of each sealant rebate as a bond breaker.
- 5.1.63.6 Approved masking tape shall be used along both side of the sealant rebate to achieve a neat uniform finish to the sealant.
- 5.1.63.7 Where applied by a sealant gun the sealant shall be extruded firmly and uniformly into the sealant rebate avoiding air entrapment or voids.
- 5.1.63.8 After application, the exposed surface of the sealant shall be tooled to obtain a uniformly smooth, even finish and to ensure that the sealant is in full contact with the concrete on both sides of the joint.
- 5.1.63.9 Primers and sealants shall not be applied when the ambient air temperature is above 50°C or below 4°C.

Waterstops

- 5.1.63.10 Waterstops shall be in accordance with BS 6213:1982 and shall be manufactured from flexible PVC compound to BS 2571. Tensile strength: 14 N/mm² Min. Elongation at break: 225% Min at 25 °C. Softness: 42-52 at 25 °C. Specific Gravity: 1.3. Solids Content: 100%.
- 5.1.63.11 Waterstops for each of the different types of joints shall be internal or external types as indicated in Specification Clause 438 and shall be to the dimensions indicated on the Drawings.
- 5.1.63.12 Waterstops shall be of approved types for specific locations, supplied by an approved supplier and installed by an approved specialist Sub-Contractor.
- 5.1.63.13 All junction and intersection pieces in waterstops shall be pre-formed by an approved specialist Sub-Contractor prior to delivery to site.
- 5.1.63.14 All on site jointing of waterstops shall be by heat fused butt joints in accordance with the Manufacturers instructions.

5.1.64 JOINT FILLERS

- 5.1.64.1 Joint fillers shall be of approved non-degradable materials, supplied by an approved supplier and installed by an approved specialist Sub-Contractor.
- 5.1.64.2 Details of the required dimension of the joint fillers are indicated on the Drawings.

5.1.65 DOWEL BARS

- 5.1.65.1 Dowel bars shall be 20mm diameter plain round stainless steel bars, Grade 316 to BS 1501, 825mm long and positioned at 500mm centres across the joints midway between the upper and lower surfaces of the concrete slabs.
- 5.1.65.2 Dowel bar assemblies shall be “Type A” or “Type B” as indicated on the Drawings.

Type A: For use in Expansion Joints
(Types ES, EW and ETS)

At one side of the joint, 400mm of the length of the dowel bar shall be firmly embedded in the first-cast concrete. At the other side of the joint, the 400mm of the dowel bar in the second-cast concrete shall be enclosed in a bond breaking medium (“The Denso Tape” or similar approved) and shall be provided with a longitudinal sliding arrangement as indicated in the detail on the Drawings.

Type B: For use in contraction Joints
(Types CW, CS, FCW, ICW, ICS and CTS)

The whole length of the dowel bar shall be firmly embedded in the concrete on both sides of the joint.

5.1.66 SAMPLING AND TESTING

The frequency of sampling shall be in accordance with BS 1881: Part 1.

For assessment of strength, a sample shall be taken from a randomly selected batch of concrete by taking a number of increments in accordance with BS 1881. The samples wherever practicable shall be taken at the point of discharge from the mixer or delivery vehicle.

For test specimens shall be prepared from each sample and laboratory cured under water at 20°C, two for 7 days and two for 28 days. On completion of curing, the specimens shall be tested and the average of the 2 results shall be taken as the test result.

5.1.67 EXCAVATION OF PIPELINES

The width of trenches shall comply with Table 500A up to a minimum of 300mm above the top of the pipe barrel. Battering the sides of trenches shall be permitted only above this level and where approved.

Access of site personnel to pipe trench excavations should be restricted to the minimum and will only be permitted once adequate trench sheeting has been installed to stabilise the trench walls. All personnel entering excavations should be afforded all necessary protective equipment and instructed in potential ground hazards that may be encountered and actions to be taken.

5.1.68 PVC CABLE DUCTS

5.1.68.1 The duct shall consist of PVC water pipe to BS 3505, 1968 Class C and the joints shall be made with the cementing compound supplied by the manufacturers and in strict accordance with their instructions.

5.1.68.2 Ducts shall be laid such that the minimum cover to the top of the duct shall be 700mm. All ducts shall where possible be kept well clear of gas or water mains and service pipes, sewers and subways, manholes and joint boxes belonging to other undertakings. At least 150mm clearance shall be given wherever possible. In no case shall the clearance be less than 25mm and where two sets of plant cross each other, the minimum vertical clearance shall be 50mm.

5.1.68.3 The clearance of ducts from Electricity Supplies shall be at the direction of the Project Manager.

5.1.68.4 Ducts not laid on concrete shall have Class E bedding.

5.1.69 ACCESS STAIRS

Access stairs to be of steel construction and built in accordance with BS 5395. Stairs to comprise a going of 250mm, rise of 165.8mm and minimum clear width of 1200mm. Stairs to include handrail 950mm high, as specification clause 328, with returned ends. Steelwork to be compliant with BS 1449 and BS 4360, and all components to be fully galvanised to BS EN ISO 1461.

5.1.70 GRAVEL SURFACED AREAS

5.1.70.1 Gravel for gravel surfaced areas shall be an approved red coloured washed pit gravel and with a particle size range of 10 - 20 mm.

5.1.70.2 Before laying of the gravel may be commenced, the Contractor shall provide to the Project Manager for approval a 10 kg sample of the gravel proposed to be used in the Works. When approved, the approved sample will be used as a quality control standard for the gravel material used in the Works.

5.1.70.3 The areas to be gravel surfaced shall be cut or filled to formation level and covered with a layer of granular material as Supplementary Spec CI 363S, Table 300E to a compacted depth of 150mm and blinded with stone dust to a compacted depth of 20 mm.

5.1.70.4 The gravel shall be laid to a minimum depth of 100 mm on a separating membrane of 1000 gauge polythene sheeting perforated with 2 mm diameter holes at 100 mm centres laid on the rolled and blinded stone sub-base.

5.1.71 CEMENT

All cement shall be of British Manufacture of an approved branch and shall comply in all respects with BS 12/1958.

5.1.71.1 CEMENT STORAGE

All cement for use upon the works shall be adequately stored and protected from moisture, and if it shall have become injuriously affected by damp or other causes it shall be removed from the site.

5.1.71.2 SAND

All sand used in mortar shall comply with BS 1200/1955 Table 1. It shall be good clean natural sand or crushed gravel sand free from deleterious matter and shall be properly screened and washed.

5.1.71.3 WATER

Only fresh clean water from the water mains or from other approved sources shall be used for mixing concrete or mortar.

5.2.0 WORKING CONDITIONS

All earthworks, soil, loosing, drainage, ploughing, emplacement of sand overlays etc. shall take place only when the ground is dry and in dry weather. All machine work on the site shall cease when the ground is wet and in wet weather. Agreement on working conditions shall be reached with the Project Manager whose decision on when to stop in inclement weather or unsuitable soil conditions and when to start up shall be final.

5.3.0 SITE PREPARATION AND DEMOLITION

- 5.3.1 The Contractor is to allow for watering and all other measures necessary to keep down dust.
- 5.3.2 Before starting works all available drawings are to be examined including service information.
- 5.3.3 Illuminate and protect any dangerous openings or obstructions as necessary.
- 5.3.4 Locate and mark the positions of services affected by the work. Arrange for the appropriate authorities for the location and marking of all positions of mains services.
- 5.3.5 Verify with the Project Manager before starting work if any trees, shrubs and hedges are to be removed. Cut down, grub up roots and fill voids with approved material. Dispose of all wood off site.
- 5.3.6 Erect all perimeter fencing to prevent unauthorised access.

5.4.0 EXCAVATION AND EARTHWORKS

- 5.4.1 Blinding material shall be clean, dry sand or ashes to fill the upper interstices of the filling or hardcore and provide a surface that is smooth and compact to receive the pavings. Blinding of permissible +0-25mm decorations on surface level shall be applied to all surfaces which are to receive sheet overlays or concrete to have sufficient blinding material applied to fill interstices and provide a close smooth surface.
- 5.4.2 Granular fill sub-base material is to be the type described as specified in the Department of Transport Specification for Road and Bridge Works.
- 5.4.3 General operations including earthworks and landscape shaping shall generally be in accordance with the recommendations of BS 4428:1969 (1979) and AMD938(1972).
- 5.4.4 Notwithstanding any authorisation, approval or direction given by the Project Manager with regard to excavations or any matter or thing connected therewith the Contractor shall be responsible for taking the necessary safety precautions and for any damage arising from the operation.
- 5.4.5 The cost of multiple handling of excavated materials will be deemed to be included with the prices for items of final disposal.
- 5.4.6 Any vegetable soil brought on to the site is to be to the approval of the Project Manager and is to be extracted from a source approved by the Project Manager.
- 5.4.7 The whole of the soil arising from the excavations (where not required to be backfilled or for making up levels or for landscaping) is to be loaded and carried away from site to a tip to be provided by the Contractor unless otherwise stated.

- 5.4.8 Where old foundations, beds, service pipes, drains etc., not shown on the drawings are encountered the Contractor must obtain instructions from the Project Manager before proceeding.
- 5.4.9 Irrespective of any information contained in the Schedule of Works or upon the drawings for the purpose of tendering the Contractor is to satisfy himself concerning evidence and position of Statutory Undertaker's services. This information to be obtained from the responsible officer of the Statutory Authority. It will be deemed that the Contractor will have inspected the over and / or underground services on site before submitting his tender.
- 5.4.10 Protect all existing services including drainage. Should any existing services be damaged then the Contractor will be required to reinstate the same entirely at his own expense.
- 5.4.11 The Contractor shall be responsible until the end of the Defects Liability Period for the safety of all surfaces over, and excavations carried out by him.
- 5.4.12 The existing ground levels shown on the drawings shall be deemed to be correct unless the Contractor brings to the notice of the Project Manager any discrepancies before excavation is commenced.
- 5.4.13 Excavation to drains, trenches in excess of the depths and widths shown on the drawings etc or Project Manager's instructions are to be filled with pea gravel all at the Contractors own expense.
- 5.4.14 Excavation required for trims are to be the required levels and profiles. All loose material is to be removed.
- 5.4.15 Plant employed for transporting, laying and compacting must be suited to that type of material.
- 5.4.16 If through the operation of the Contractor any excavated surface is cut up by traffic, softened or otherwise made unsuitable the Contractor shall at his own expense, re-excavate to an approved foundation and fill with a suitable material as directed before pipes are laid.
- 5.4.17 Where works are to be finished levels, that includes layers of topsoil allowances shall be made for such reduction. Such reduced levels shall be below finished levels in turfed areas. Finished levels to grass areas shall finish 30 mm above all abutting hard surfaces or otherwise described in the drawings.
- 5.4.18 Due allowance should be made for the fact that no trial holes or other site investigation has been carried out.

5.4.19 Plant and working methods are to be appropriate to the site, the ground conditions, and the programme. Work is to cease should the working methods cause damage to the existing conditions.

6.0 **PRECAST CONCRETE MANHOLES**

- In situ concrete base: Plain concrete, grade C20/20/OP as Concrete Specification.
- Manholes: To BS 5911:Part 100.
- Access covers: Cast iron as Clause 13.

6.1 **CAST IRON MANHOLE COVERS AND FRAMES**

- To BS 497:Part 1 where applicable.
Manufacturer: Glynwed Brickhouse or equal approved Type(s):
External areas: 675 x 675 heavy duty grade A, Silent Knight List No 5038.
- Make-up brickwork (if required): Engineering bricks to BS 3921, Class B, laid in 1:3 cement: sand mortar.
- Bed frame solidly in 1:3 cement: sand mortar over its whole area, centrally over opening, level with surrounding finishes.
- Where frame is in soil or grassed areas, haunch-back edge of bedding so that it is not visible.

7.1 **Compaction of Sub-Bases**

Compaction shall be carried out by not less than 10 passes of a towed vibratory roller with a static mass per metre width of 1300-1800kg or other approved plant.

8.0 **OPENING AND REINSTATEMENT OF PUBLIC ROADS**

8.1 **Backfilling**

Consolidated fill shall be placed in layers in accordance with Clause 515 of the general specification and each layer shall be compacted as specified in Clause 212.

8.2 **Road Base and Sub-Base**

8.3 Type 3 crushed rock for sub-bases and road bases shall consist of sound clean rock acceptable to the Engineer, with a 10% fines value of not less than 160 kN when tested in accordance with the requirements of BS 812.

8.4 **Bituminous Macadam**

All bituminous macadam shall be in accordance with BS 4987.

8.5 Bitumen macadam for permanent reinstatement shall be supplied by an approved supplier on the appropriate Roads Service Approved List and laid by a competent contractor.

9.0 **SPECIFICATION TYPE E – KERBS AND VERGES REINSTATEMENT**

Precast concrete kerbs edgings and quadrants shall be laid on a 150mm deep x 225 mm wide Grade C20/20 foundation in accordance with Clause 1110.1 (1-4) of the Specification.

10.0 **CONTRACTOR'S PLANT**

In general, all vehicles, excavators and other plant used on public roads and footpaths in this Contract shall be rubber tyred. The use of tracked vehicles on public roads and footpaths will not normally be permitted.

11.0 **AGGREGATES FOR CONCRETE**

11.1 Aggregates shall consist of naturally occurring material complying with BS 882. If approved the coarse aggregates may consist of crushed air cooled blast furnace slag complying with BS 1047.

11.2 Flakiness index when determined by the sieve method described in BS 812 shall not exceed 35 for any size of coarse aggregate.

11.3 For structural concrete of specified compressive strength of 40N/mm² or more at 28 days, the ten per cent fines value of the coarse aggregate determined in accordance with BS 812 shall not be less than 100 kN and for other structural concrete not less than 50 kN.

11.4 The water absorption of aggregates used in concrete for the construction of liquid-retaining structures to BS 8007 shall not exceed 3% when measured in accordance with BS 812: Part 2.

12.0 **BUILDING WORK**

All Building Work to be included in the tender price and should be carried out in accordance with the Drawings. Building work including drainage to be carried out to the satisfaction of Building Control.

13.0 **BARRIER**

Barrier to consist of 2 No horizontal rails and 1 No Kicker Plate. Posts to have a maximum centre of 1.2m and have a 150 x 90 x 12 mm base plate with 2 No 16mm diameter holes for fixing. Height above ground level to be 1100mm. Horizontal rails and posts to be made from 50 x 50 x 3mm box section. Kicker plate to consist of folded channel section 150 x 50 x 3mm welded to posts as per Drawing. 50mm above ground level. Barrier to be fixed to concrete using 16mm Ø through bolts, rawl bolts or 16mm Ø threaded bar and chemical anchor only. Allowance to be made for drilling holes in reinforced concrete slab. All to be galvanised to BS 1461:1999. All steel to be sanded after galvanising to ensure there are no sharp edges. Holes to be drilled in all members to allow galvanising inside and outside.

SPECIFICATION

13.1 Self Closing Gate

Self closing gate to be 1200mm wide industrial safety P-Gate by Medway Galvanising. Galvanised and powder coated yellow.

13.2 Finish - Galvanised

Galvanised to BS EN ISO 1461:1999 by an approved applicator, all sharp edges must be removed after galvanising.

13.3 No fabrication to take place after galvanising. Top rail to be painted with 50mm wide black and yellow diagonal stripes.

14.0 Covered Storage Area Specification

Covered Storage Area is to be set on 200mm deep concrete slab with 1 No layer of A393 mesh 10m x 4m. 3No Rear posts to be 2.7m long, 50 x 50 x 3mm box section posts. 5No Front Posts to be 100 x 100 x 6mm box section posts. Posts to have 10mm plates to bottom of posts with 2No holes to bolt posts to concrete slab. 3No Roof Truss to be made from 50 x 50x 3mm box section.

4No runs of 150mm galvanised multibeam purling. Roof and side Cladding to be 0.7mm plastic coated profile cladding (colour goose wing grey) all edges to be trimmed with dark grey flashings.

Black, seamless aluminium guttering and downpipes.

4No 2.5m x 1.8m gates to front made from 50 x 50 x 3mm box section with 50m x 4mm weldmesh covering. 12mm hinges and 25mm bar.

All steel to be hot dipped and galvanised after fabrication.

15.0 **GARAGE EQUIPMENT**

All equipment listed in this section 15.1 – 15.8:- Four Post Lift, Mobile Column Lifts, Pit, Shaker Plates, Headlights Tester, Roller Brake Tester, Diesel Emissions Tester must be supplied by the same company to aid Maintenance.

Name of Company Supplying all the equipment included in Items 15.0 – 15.8

Contact Number: _____

15.1 ROLLER BRAKE TESTER SPECIFICATION

1. The brake tester shall be a model commonly sold in Northern Ireland. The brake tester must be a standard production model for which spares and servicing facilities are readily available.
2. The brake tester must be capable of testing a wide range of vehicles from light commercials up to heavy commercials.
3. The brake tester to be supplied with control desk to include PC and all necessary software to control and operate the machine. Operating software to facilitate the storage and display of all vehicle information and test results.
4. The operating software must also facilitate the interface and operation from the control desk of additional test equipment such as headlight tester, emissions tester. Test results from brake tester and additional equipment to be stored on single test results file.
5. The operating software to have the facility to input Vehicle visual defects for storage on results file.
6. The brake tester to have a large display screen showing brake force, brake imbalance and direction of rotation, and be capable of issuing a printout of test results.
7. The brake tester to be fitted with 8 cell weighing system to automatically weigh vehicle.
8. The brake tester to be fitted with Air pressure sensors with radio transmission capability.
9. The brake tester must be capable of Bi-Directional testing.
10. The brake tester to be supplied with a suitable radio remote control to allow full operation of the machine from the cab. . Equivalent or better to Maha MBT 7250 Eurosystem Roller Brake Tester with 8 cell weighing and air pressure measurement.

SPECIFICATION

15.2 HEADLIGHT TESTER SPECIFICATION

1. The Headlight Tester shall be electronic model with PC connectivity via Bluetooth or cable connection to Brake tester communication desk.
2. The Headlight Tester shall have the capacity to electronically transmit test measurement values for both pitch and direction in gradient percent (%) i.e. it must transmit the actual measurement values and not just a calculated result.
3. The Headlight Tester must be capable of providing separate values for Dipped Beam, Main Beam, Auxiliary and Fog Lights for both left and right lights.
4. The Headlight Tester must accommodate headlight systems of today and the future. Equivalent or better than MAHA MLT 3000 Electronic Headlight Tester with PC Interface.

15.3 SHAKER PLATES SPECIFICATION

1. Two test plates installed at floor level in the foundation
2. Slide bearing on a hard-chromed circular guide
3. One-handed operation, no pit jack required
4. Cable-free radio hand lamp RHL for controlling longitudinal and transverse movements of the test plates
5. Longitudinal and transverse counter movement
6. Equivalent or better than Maha Lms 20 Shaker Plate.

15.4 PIT SPECIFICATION

1. Length - 20.00 metres
2. Width - 1.00 metres (optional)
3. Depth - 1.50 metres to finished floor (optional)
4. Finish - Internal white gloss – Chlorine Rubber Parlour Paint
5. Jacking Rail - 150mm x 75mm x 12mm PFC
MAJOR MPJ 20 Commercial Pit Jack or equivalent,
Air operated, 20.0 tonne lifting capacity, Twin Ram.
Complete with: 2 x V crutch, 2 x Dish crutch,
2 x Chassis crutch, 2 x 150mm Extension
6. Light Recess / Full Length - Spillage sump one end
7. Steps – Non Slip Entry & Exit steps.
8. Lights - 8 x 1.5 metre 240 volt 50 Hz twin tube category 3 zone 2 lights
9. Air - 5 points, ½" galvanised pipe
10. Frames for Brake Tester and Play Detectors fabricated into pit.
11. All necessary ducts for Brake Tester and play Detectors
12. As supplied by Maha Ireland or similar.
13. Specification to be read in conjunction with drawings 14/1604-03, 14/1604-04 and 14/1604-05.

15.5 MOBILE COLUMN LIFTS SPECIFICATION

1. 6 mobile single posts including splash-proof control box with control unit mounted to every post
2. 7.5t lifting capacity for each column.
3. Electronic synchronisation and safety monitoring through wireless link
4. Hydraulic dolly fixed on each column
5. Lifting carriage with fixed wheel grabbers
6. Electronic synchronisation monitoring and safety control via radio
7. Separate safety devices for motor and spindle
8. Safety locking device independent of drive and screw
9. Emergency safety control to enable mechanical lowering during power cuts
10. Automatic synchronisation as standard
11. Selection of single columns (grouping) by keypress
12. Equivalent or better than Maha RGA mobile column lift wireless version.

15.6 FOUR POST TRUCKLIFT 11 10T SPECIFICATION

1. Base and column construction, free of additional support framework with 4 powerful electronically controlled motors
2. Above-floor installation
3. Flexible cable routing between columns and runways
4. Cable installation inside transverse beams and runways
5. Pinch point protection by audible warning signal ("CE Stop"), no lateral protection bars necessary at the runways
6. Fully automatic permanent lubrication of screw and nut
7. Left-side runway adjustable
8. Granulate coated runways
9. Maintenance-free load nuts
10. Excellent corrosion protection through use of electro-static powdercoating process
11. Single micro-processor with automatic monitoring of the following safety features:
 - Synchronization ○ Phase failure ○ Belt failure ○ Load nut failure ○ Motor overload
 - Automatic shut-off at upper/lower end pos. a. at obstruction collision
 - Load capacity 10000 kg
 - Runway length 6000 mm
 - Runway width 617 mm
12. Equivalent or better than Maha Trucklift 11 10 tonne lifting capacity

15.7 Axle Jack FL 60-2 Specification for 15.6

1. Hydro-pneumatic, 2 Lifting Cylinders
2. Fast and precise air hydraulic unit with rapid raising and lowering mode
3. 2-hand dead man's type control with safety valve for maximum safety level
4. Lateral guides suitable for TRUCKLIFT II slide tracks
5. Load capacity 6000 kg at 8 bar
6. Working pressure min./max. 8 / 12 bar
7. Minimum air flow 350 l/min
8. Full travel 200 mm
9. Min. drive-on height above runways 130 mm
10. Max. lifting height above runways 330 mm
11. Equivalent or better than Maha Jack FL 60-2 or similar.

15.8 MAHA MDO-2 LON Diesel Emissions Tester Specification

1. Complies with ECE R24, ISO 3173 and ISO/TC22/SC 5 N 650 provisions and guidelines.
2. Single testing or continuous testing.
3. Integrated test chamber temperature sensor.
4. Oil temperature & RPM recording.
5. 2 serial RS 232 connections for hand terminal or PC.
6. Display of test values via test lane PC monitor.
7. Turbidity test cell with optical measurement.
8. 17 m connection cable for test lane connection.

**TENDER FOR REFURBISHMENT OF EXISTING WORKSHOP TO
INCORPORATE OFFICE SPACE, STORE AND GARAGE FACILITY
AT THE WORKS DEPOT, GORTRUSH INDUSTRIAL ESTATE,
OMAGH**

CONSTRUCTION AND DESIGN MANAGEMENT REGULATIONS

PRE-TENDER HEALTH AND SAFETY PLAN

1. GENERAL

This health and safety plan will be issued to all prospective Tenderers under regulation 15(1)–(3) of the CDM Regulations. The purpose is to identify the main health and safety issues regarding the construction work and form the basis for Tenderers to submit their proposals for managing the problems.

The principal contractor will develop the health and safety plan as part of his duties.

2. NATURE

Name of Client: Fermanagh & Omagh District Council

Locations: Works Depot, Gortrush Industrial Estate, Great Northern Road,
Omagh, BT78 5EJ

Nature of Construction Work: Design, supply and construction of a modern garage facility incorporating office and storage space.

Timescale for completion: As per Contractors Submitted Timetable

3. THE EXISTING ENVIRONMENT

The site is located in a fully operational Works Depot facility.

This sites are adjacent to busy HGV vehicular and pedestrian areas.

A ground condition survey is available, the Principal Contractor should read this in conjunction with the tender documents (attached Appendix K)

Contact N.I.E. with regard to cable layout and BT Dial before you start any construction work on site.

Arrangements for contacting all statutory bodies regarding the location of existing services shall be detailed. Procedures for dealing with existing services also to be detailed.

4. THE DESIGN

The main hazards identified by the designers which cannot be avoided or designed out are as follows:-

- Working in close proximity to HGV Vehicle activity
- Working in close proximity to adjoining workshop facilities.
- Working with machinery.
- Procedures for offloading materials and lifting into position.
- Working near overhead cables or existing services.
- Working near a public road.
- Working within an operational Works Depot Facility.

Whilst the significant hazards have been identified by the Designers, the Principal Contractor must prepare method statements and risk assessments in respect of these and other hazards which are identified during the course of the works. The Principal Contractor will be expected to carry out site management practices in respect of commonplace site hazards.

5. CONSTRUCTION MATERIALS

The main hazard identified in materials are:-

- (a) Working with machinery
- (b) Working with cement based materials
- (c) Off loading materials

6. SITE WIDE ELEMENTS

Access to the site of the works will be from the public roads and the Principal Contractor shall ensure that pedestrian and vehicular areas adjacent to the site shall not be restricted as these are busy areas. The Principal Contractor will ensure that deliveries to and from the site shall be during off peak times and not between 8.30am – 9.30am and 3.30pm – 5.30pm. Principal Contractor to provide his own toilet facilities within the site.

Sites to be cordoned off when work is in progress and access to the site shall be for authorised personnel only. The Principal Contractor shall cordon off an area for the off-loading and loading of materials. The Principal Contractor shall ensure that the public roadway and footpaths adjacent to the sites are kept clean and free from debris at all times. All materials for disposal off the site shall be recorded and taken to a licensed landfill site.

7. OVERLAP WITH CLIENTS UNDERTAKINGS

The Principal Contractor shall provide all reasonable access to the client in connection with the works at all times.

8. SITE RULES

The Principal Contractor is reminded that the sites are within a busy industrial estate.

The following site rules apply:-

- (1) Site operatives and site staff are to wear personal protection equipment when on site.
- (2) Site operatives and site staff are to wear high visibility jackets, safety helmets and suitable footwear and use protective clothing and protective equipment at all times when required.
- (3) The site should be securely fenced with appropriate signage indicating no unauthorised entry.
- (4) All personnel involved in the above works should attend safety awareness talks and have read the method statement.

9. CONTINUING LIAISON

The Principal Contractor shall make available for inspection health and safety implications of design elements of his and other contractor's packages by submitting details of the Health and Safety issues to the Project Manager together with the results of risk assessment.

The Principal Contractor shall submit procedures for dealing with unforeseen eventualities during project execution resulting in substantial design changes which might affect resources.

- (1) As soon as an unforeseen eventuality arises, the Project Manager is to be informed.
- (2) Health and Safety issues arising are to be submitted as soon as reasonably practicable after the occurrence.
- (3) Details of redesign and the health and safety implications are to be submitted for consideration in good time for execution.

POST-TENDER STAGE HEALTH AND SAFETY PLAN

AN OUTLINE CONSTRUCTION PHASE HEALTH AND SAFETY PLAN must be submitted by the Contractor tendering, within 10 days of being requested to do so and is to include the following:-

- i. Method statements related to the hazards identified in the pre-tender health and safety plan and/or statements on how the hazards will be addressed and other significant hazards identified by the Contractor.
- ii. Details of the management structure and responsibilities.
- iii. Arrangements for issuing health and safety directions.
- iv. Procedures for informing other contractors and employees of health and safety hazards.
- v. Arrangements for co-operation and co-ordination between contractors.
- vi. Procedures for carrying out risk assessment and for managing and controlling the risk.
- vii. Emergency procedures including fire precautions.
- viii. Arrangements for ensuring that all accidents, illness and dangerous occurrences are recorded.
- ix. Arrangements for welfare facilities.
- x. Procedures for ensuring that all person on site have received relevant health and safety information and any training.
- xi. Arrangements for consulting with and taking the views of people on site.
- xii. Arrangements for preparing site rules and drawing them to the attention of those affected and ensuring their compliance.
- xiii. Monitoring procedures to ensure compliance with site rules, selection and management procedures, health and safety standards and statutory requirements.
- xiv. Review procedures to obtain feedback.



FORM OF TENDER

TENDER FOR REFURBISHMENT OF EXISTING WORKSHOP TO INCORPORATE OFFICE SPACE, STORE AND GARAGE FACILITY AT THE WORKS DEPOT, GORTRUSH INDUSTRIAL ESTATE, OMAGH

TO BE RETURNED NOT LATER THAN 12 NOON ON MONDAY, 8 JUNE 2015

TO: **FERMANAGH & OMAGH DISTRICT COUNCIL**

Mr Chairman and Members,

I/We are prepared to carry out the work as described in the Specification and indicated on the Drawings for the lump sum price, inclusive of profits and overheads, entered below:-

Total £ _____

(Exclusive of VAT)

I/We understand that the Council is not bound to accept the lowest or any tender.

I/We agree that this is a FIXED PRICE CONTRACT.

Time for completion: Project must be completed by 15 weeks from date of award of tender.

Defects Liability Period: 12 Months.

Amount of Liquidated Damages: £500 per week.

Percentage of Retention of Interim Certs: 5%

Limit of Retention Money: 2.5%

SIGNATURE: _____

DATED _____

NAME OF FIRM _____

TEL NO _____

ADDRESS _____

NAME OF PERSON IN CHARGE OF CONTRACT _____

Details for HM Revenue & Customs Construction Industry Scheme

Your Company's registration number _____

Unique tax payer's reference number. (UTR) _____

For Partnerships and sole traders please include National Insurance Number(s).

BILL OF QUANTITIES**SHEET ONE**

No.	Item Description	Quantity	Unit	Rate	Amount	
					£	p
1.0	<u>PRELIMINARIES</u>					
1.1	Insurance Cover of £10,000,000 Employer's Liability and £5,000,000 Public Liability and Contractors All Risk Insurance.		Sum		_____	_____
1.2	Insurance of constructional plant.		Sum		_____	_____
1.3	Prevention and cleaning of mud, dirt and debris from all public roads for the duration of the Contract.		Sum		_____	_____
1.4	Establishment and removal of a securely fenced compound, as Contractor's store. Include for clearing the compound and reinstating the area to its original condition on completion of the contract.		Sum		_____	_____
1.5	Responsibility for site including security and safety during the entire contract period.		Sum		_____	_____
1.6	Contractor must not interfere with the day to day operations of the remainder of the Works Depot Facility.		Sum		_____	_____
1.7	Include for liaison with Council's plumber in order to facilitate heating at offices and toilets.		Sum		_____	_____
	OFFICE/STORE AREA					
2.0	Remove existing metal staircase and store for re-use as directed by the Project Manager.		Item		_____	_____
2.1	Remove existing ceiling/floor to ground floor, office and toilets. Include joists and hand rail.		Item		_____	_____
2.2	Disconnect electricity supply to existing ground floor office and toilets.		Item		_____	_____
2.3	Disconnect and remove all plumbing to toilets		Item		_____	_____
	SUB – TOTAL PAGE ONE				£ _____	

No.	Item Description	Quantity	Unit	Rate	Amount	
					£	p
	<u>Sub-Total Page One C/F</u>				£	
2.4	Demolish and remove off site existing 2.4m high stud wall consisting of 100mm studs faced one side with 15mm plywood including double doors.	5	m			
2.5	Supply and install 4.4m high stud wall consisting of 100 x 50mm studs at 400m centres. 100 x 50mm base plate, 100 x 50mm 2 No head plates and 100 x 50mm noggin timbers. Include for all double head and sill timber at openings. Include for sheeting both sides with 12mm plasterboard and infill with 100mm mineral wool. Include for sealing at roof to achieve 1 hour fire resistance.	20	m			
2.6	Supply and install 2 No stud wall 4.4m high descending to 2.4m high consisting of 100 x 50mm studs at 400m centres. 100 x 50mm base plate, 100 x 50mm head plate and 100 x 50mm noggin timbers. Include for all double head and sill timber at openings. Include for sheeting both sides with 12mm plasterboard and infill with 100mm mineral wool. Include for sealing at roof to achieve 1 hour fire resistance.	6	m			
2.7	Supply and install 3.9m high stud wall consisting of 100 x 50mm studs at 400m centres. 100 x 50mm base plate, 100 x 50mm head plate and 100 x 50mm noggin timbers. Include for all double head and sill timber at openings. Include for sheeting both sides with 12mm plasterboard and infill with 100mm mineral wool. Include for sealing at roof to achieve 1 hour fire resistance.	9	m			
2.8	Supply and install 2.4m high stud wall consisting of 100 x 50mm studs at 400m centres. 100 x 50mm base plate, 100 x 50mm head plate and 100 x 50mm noggin timbers. Include for all double head and sill timber at openings. Include for sheeting both sides with 12mm plasterboard and infill with 100mm mineral wool. Include for sealing at roof to achieve 1 hour fire resistance.	16	m			
	SUB – TOTAL PAGE TWO				£	

No.	Item Description	Quantity	Unit	Rate	Amount	
					£	p
	<u>Sub-Total Page Two C/F</u>				£	
2.9	Dry-line both side of above walls. (Tape and plaster all joints) and nail/screw heads.	340	m ²			
2.10	Supply and install 1m wide door. Doors to be cut from solid blanks with hardwood edging. Include for strips/seals to achieve 1 hour fire resistance. Include 3 No stainless steel ball bearing hinges and Assa mortice locks to accommodate oval cylinders (all cylinders to be suited to existing Council master key). Include for door frames and full 25mm door stop and 100mm architraves.	2	No			
2.11	Supply and install double doors consisting of 2 No 1m wide doors. Doors to be cut from solid blanks with hardwood edging. Include for strips/seals to achieve 1 hour fire resistance. Include 3 No stainless steel ball bearing hinges and Assa mortice locks to accommodate oval cylinders (all cylinders to be suited to existing Council master key). One door to have hidden top and bottom bolt. Include for door frames and full 25mm door stop and architraves.	2	No			
2.12	Supply and install 5.1m long 254 x 146 x 37 uB steel beam between existing 152 x 152 x 30 uC and existing. 457 x 191 x 67uB. Include for 8mm end plates with 4 No 16Ø holes fillet welded to beams and drilling matching 16mm Ø holes to existing columns to act at. (Contractor must check dimensions on site before fabrication)	3	No			
2.13	Supply and install 10.8m long 203 x 133 x UB25 steel beam between 254 x 146 x 37 UB steel beams and resting on existing 150mm walls. Include for installing 2 No 140 x 440 x 215mm concrete padstones into walls under beam and for fillet welding 8mm end plates with 4 No 16mm Ø holes to 254 x 146 x 37 UB beams and fabricating ends and end plates into web at 254 x 146 x 37 UB to act as joist supports. (Contractor must check dimensions on site before fabrication)	1	No			
	SUB – TOTAL PAGE THREE					

No.	Item Description	Unit	Quantity	Rate	Amount	
					£	p
	<u>Sub-Total Page Three C/F</u>				£	
2.14	Supply and install 5.4m long 203 x 133 x UB25 steel beam between 254 x 146 x 37UB steel beams. Include for fillet welding 8mm end plates with 4 No 16mm Ø holes and drilling matching holes in 254 x 146 x 37UB beams and fabricating ends and end plates into web at 254 x 146 x 37UB to act as joist supports (Contractor must check dimensions on site before fabrication)	1	No			
2.15	Supply and install 1400mm long 140w x 215mm deep pre stressed concrete lintel min swl=10kn/m above existing door opening as per Drawing No14/1604-01. Include for cutting out existing blockwork building in lintel and taking wall up to wall plate level.	2	No			
2.16	Supply and install 5450mm long 203 x 133 x UB25 steel beam between 254 x 146 x 37UB steel beam and wall. Include for fillet welding 8mm end plate with 4 No 16mm Ø holes and drilling matching hole in 254 x 146 x 37 UB steel beam and fabricating end and end plate into web of 254 x 146 x 37 UB. Also include for cutting hole in existing 150mm block wall installing 140 x 440 x 215mm padstone and building in beam to act as joists support. (Contractor must check dimensions on site before fabrication)	1	No			
2.17	Supply and install 1.3m long 203 x 133 x UB25 steel beam between 254 x 146 x 37UB steel beam and wall. Include for fillet welding 8mm end plate with 4 No 16mm Ø holes and drilling matching hole in 254 x 146 x 37 UB steel beam and fabricating end and end plate into web of 254 x 146 x 37 UB. Also include for cutting hole in existing 150mm block wall installing 140 x 440 x 215mm padstone and building in beam to act as joists support. (Contractor must check dimensions on site before fabrication)	1	No			
	SUB – TOTAL PAGE FOUR				£	

BILL OF QUANTITIES**SHEET FIVE**

No.	Item Description	Unit	Quantity	Rate	Amount	
					£	p
	<u>Sub-Total Page Four C/F</u>				£	
2.18	Supply and install 5250mm long 203 x 133 UB 25 steel beam between existing 457 x 191 x 67 UB. Include for 8mm end plates with 4 No 16Ø holes fillet welded to beams and drilling matching 16mm Ø holes to existing columns to act as joist support. (Contractor must check dimensions on site before fabrication)	1	No			
2.19	Include for 2 coats of Oxide Primer to all steel work before installation and touch up any paint work damaged during installation.		Item			
2.20	Supply and install 5500mm long 50 x 170 x C24 timber bearer bolted to block wall at 400mm centres with 150 x M16 through bolts or similar.	1	No			
2.21	Supply and install 140 x 50 C16 wall plate strapped down to top of existing wall using 30 x 5mm galvanised steel straps at 2m centres.	40	m			
2.22	Supply and install 5700mm long 50 x 170 x C24 floor joints at 400mm centres. Include for 14 No 50mm joints hangers to store wall. All galvanised steel tying straps at both ends all necessary beam filling and bridging.	58	No			
2.23	Supply and install 200mm mineral wool insulation between joists.	115	m ²			
2.24	Supply and install 18mm tongue and grove flooring ply.	115	m ²			
2.25	Supply and install 12mm plaster board to underside. Include for taping and plastering all joints and nail holes.	115	m ²			
2.26	Spray existing rear metal profile rear wall and roof with polyurethane closed cell insulation to expand to at least 125mm & no more than 150mmis and to achieve a U value for walls of 0.3w/m ² /k.	200	m ²			
2.26a	All metal supporting beams for joists to be boxed in with 12mm plaster board. Include for all necessary frames and taping and plastering all joints and nail holes.		Item			
	SUB – TOTAL PAGE FIVE				£	

BILL OF QUANTITIES**SHEET SIX**

No.	Item Description	Unit	Quantity	Rate	Amount	
					£	p
	<u>Sub-Total Page Five C/F</u>				£	
2.27	Supply and install 12.5mm plasterboard on 50 x 25 mm galvanised steel frame@ 400mm centres fixed to existing 150mm multibeam purlines include for boxing in 2 No 200mØ downpipes. Include for taping and plastering all joints and nail holes.	200	m ²			
2.28	Supply and install 2.2m wide x 2.2m high steel roller shutter door (Fortress Industries Ltd ref:FC-76 commercial or equal and approved) must be galvanised polyester powder coated and be electrically operated.	1	No			
2.29	Supply and install safety frame/cage as per Drawing 14/1604-06.	1	No			
	PIT					
3.0	Remove existing 76.9 x 4.0 CHS wind bracing from end bay and refit in second bay include for all modifications required and drilling holes in columns to fit.	2	No			
3.1	Demolish existing 2.5m high cavity wall consisting of 150mm inner leaf 100mm cavity with insulation and 100mm brick outer leaf and remove off site to NIEA licensed site. Make allowance for working around all electricity lines, Tele communication lines and cameras leading to upper yard. (Any damage to cables must be fixed at the Contractors expense).	5	m			
3.2	Remove exterior wall light from last bay and make good electrical connections.		Item			
3.3	Remove existing 2.5m high profile metal cladding from rear wall including 3 No multibeam purlins.	5	m			
3.4	Break up and remove existing 2m flagged footpath off site to NIEA Licensed Site.	5	m			
	SUB – TOTAL PAGE SIX				£	

No.	Item Description	Unit	Quantity	Rate	Amount	
					£	p
	<u>Sub-Total Page Six C/F</u>				£	
3.5	Break up and remove off site to NIEA Licensed Site 250mm reinforced concrete floor slab including 3 No 5m long 800 x 600 reinforced concrete beams to end bay of shed. (See Drawing 14/1604-9 for details)	110	m ²			
3.5a	Include for saw cutting straight joint along remaining floor slab.	22	m			
3.6	Excavate hole for new pit approximately 23m x 4m x 2m deep include for breaking up existing reinforced concrete beam and any piles within excavation and remove off site to NIEA licensed tip.		Item			
3.7	Break up and remove off site to NIEA Licensed Site 5.0 x 1.0 x 1.4m deep reinforced concrete pit including concrete steps and 200mm reinforced walls (see Drawing 14/1604-9 for details).		Item			
3.8	Design and install 18 No 250mm Ø mini piles estimated depth 9m safe working load 250 KN as per Drawing 14/1604-03 (see attached ground investigation report, Appendix K for ground details).	18	No			
3.9	Supply and install reinforced concrete, pile caps and ring beam for walls and floor to pit as per Drawing No: 14/1604-05 include for all excavations cutting of piles supply and tying of all reinforcement. Supply, placement and removal of all formwork. Supply placing and vibration of all Concrete. Supply and placement of all service ducts and liaising with Maha Ireland regarding pit design.		Item			
	SUB – TOTAL PAGE SEVEN				£	

No.	Item Description	Unit	Quantity	Rate	Amount	
					£	p
	Sub-Total Page Seven C/F				£	
3.10	Supply and install 20.0 x 1.1 x 1.4m deep vehicular maintenance pit as per Specification, Drawings 14/1604-03, 14/1604-04 and 14/1604-05 including Jacking Rail, all necessary concrete works, electrical works, compressed air connections and connections to brake tester and shaker plates. Include for supply and tying of all reinforcements. Supply, placement and removal of all formwork and supply, placing and vibration of all concrete.		Item			
3.11	Supply and paint pit walls with Chlorinated rubber parlour paint (white).		Item			
3.12	Supply and paint pit floor with Chlorinated rubber parlour paint (red).		Item			
3.13	Supply and install roller brake tester as per Specification.		Item			
3.14	Supply and install shaker plates as per Specification.		Item			
3.15	Supply and install 175mm reinforced concrete floor slab as per drawing No: 14/1604 – 06. Include for supply, placement and removal of all formwork and supply, placement and vibration of all concrete. Contractor to ensure power float finish to matching existing and create a level joint with existing floor.	125	m ²			
3.16	Supply and install 800 x 600 concrete foundation to extension as per drawing No: 14/1604-06 include for all necessary excavations and disposal of the same. Include for supply placement and removal of all necessary formwork and supply and placement of all reinforcement.	m	12			
	SUB – TOTAL PAGE EIGHT				£	

No.	Item Description	Unit	Quantity	Rate	Amount
					£
	<u>Sub-Total Page Eight C/F</u>				£
3.17	Supply and erect structural steel work to rear extension as per drawing No.'s 14/1604-1 & 14/1604-2 include for stanchions, trusses, wind bracing, purlins, fixtures & fittings , roof & side cladding to match existing , flashings to match existing , all rainwater goods connecting into existing rain water system .		Item		
3.18	Supply and install 3m high cavity wall consisting of 600mm brick outer leaf to match existing 100mm cavity and 150mm inner leaf facing block to match existing.	m	12		
3.19	Supply and install electrics as per Appendix 1 Pricing Schedule for Electrical Services Installation and Appendix 3 Technical Specification for Electrical Services Installation.		Item		
3.20	Supply and install mechanical fixtures and fittings as per Appendix 2 Pricing Schedule for Mechanical Services Installation and Appendix 4 Technical Specification for Mechanical Services Installation.		Item		
3.21	Supply and install barrier to pit as per Specification and Drawing No 14/1604-8 approximately 19m long. Include for 2 No self closing gates as per Specification. Contractor to check dimensions on site prior to fabrication. Include for drilling and bolting into reinforced concrete slab.	1	No		
	SUB-TOTAL PAGE NINE				£

BILL OF QUANTITIES**SHEET TEN**

No.	Item Description	Unit	Quantity	Rate	Amount	
					£	
	<u>Sub-Total Page Nine C/F</u>				_____	_____
3.22	Supply and paint 150m wide strip around perimeter of pit using floor paint in 50mm diagonal alternating red and yellow.		Item	_____	_____	_____
3.23	Supply and install headlight tester as per Specification.		Item	_____	_____	_____
3.24	Supply and install 6No mobile column lifts as per Specification.		Item	_____	_____	_____
3.25	Supply and install four post lift as per Specification.		Item	_____	_____	_____
3.26	Saw, cut ex-tarmac 10m x 4m Excavate 200mm deep and remove off site to NIEA registered site.	m	18	_____	_____	_____
3.27	Supply and place 200mm deep 40N concrete base to storage shed with 1 No layer of A393 mesh.	m ²	40	_____	_____	_____
4.0	<u>CONTINGENCIES</u> Include the provisional sum of £20,000 for undefined work.				£20,000	00
	TOTAL				£ _____	



Fermanagh and Omagh District Council Mandatory Exclusions

Regulation 23 of the Public Contracts Regulations 2006

The public sector and procurement Directives, as implemented by the Public Contracts Regulation 2006, include a mandatory requirement for contracting authorities to exclude economic operators (Suppliers, Contractors, Consultants and Service providers) from public contracts where they have been convicted of certain offences.

A contracting authority may apply to the relevant competent authority to obtain further information regarding the economic operator and in particular details of convictions of the offences listed if it considers it needs such information to decide on any exclusion referred to.

Please indicate below whether your firm or any of its directors, partners or any other person who has powers of representation, decision or control, have been convicted of any of the following offences (including those which are spent within the meaning of the Rehabilitation of Offenders Act 1974):

1. Conspiracy within the meaning of section 1 or 1a of the Criminal Law Act 1977 or article 9 or 9a of the Criminal Attempts and Conspiracy (Northern Ireland) order 1983 where that conspiracy relates to participation in a criminal organisation as defined in Article 2(1) of Council Framework Decision 2008/841/ JHA
2. Corruption within the meaning of section 1 of the Public Bodies Corrupt Practices Act 1889 or section 1 of the Prevention of Corruption Act 1906
- 3a. The offence of bribery, where the offence relates to active corruption;
- 3b. Bribery within the meaning of section 1 or 6 of the Bribery Act 2010
4. Fraud, where the offence relates to fraud affecting the financial interests of the European Communities as defined by Article 1 of the Convention relating to the protection of the financial interests of the European Union, within the meaning of:-
 - the offence of cheating the Revenue;
 - the offence of conspiracy to defraud;
 - fraud or theft within the meaning of the Theft Act 1968 and the Theft Act 1978 or the Theft (Northern Ireland) order 1978
 - fraudulent trading within the meaning of section 458 of the Companies Act 1985, article 451 of the Companies (Northern Ireland) Order 1986 or section 993 of the Companies Act 2006
 - defrauding the Customs within the meaning of the Customs and Excise Management Act 1979 and the Value Added Tax Act 1994;

- an offence in connection with taxation in the European Community within the meaning of section 71 of the Criminal Justice Act 1993; or
 - destroying, defacing or concealing of documents or procuring the extension of a valuable security within the meaning of section 20 of the Theft Act 1968, or Section 19 of the Theft Act (Northern Ireland) 1969
 - Fraud within the meaning of Section 2, or 3 or 4 of the Fraud Act 2006
 - Making, adapting, supplying or offering to supply articles for use in frauds within the meaning of section 7 of Fraud Act 2006
5. Money laundering within the meaning of Money Laundering Regulations 2003
- 6a. Any other offence within the meaning of Article 45(1) of the Public Sector Directive as defined by the national law of any relevant State
- 6b. an offence in connection with the proceeds of criminal conduct within the meaning of section 93A, 93B or 93C of the Criminal Justice Act 1988 or article 45, 46 or 47 of the Proceeds of Crime (Northern Ireland) Order 1996
- 6c. An offence in connection with the proceeds of drug trafficking within the meaning of section 49, 50 or 51 of the Drug Trafficking Act 1994; or
- 6d. any other offence within the meaning of Article 45(1) of the Public Sector Directive as defined by the national law of any relevant State.

Any convictions to be declared: (*Please circle as appropriate*)

YES

NO

Signed: _____

Dated: _____



**Fermanagh and Omagh District Council
Fair Employment and Treatment (Northern Ireland)
Act 1998**

Article 64 of the Fair Employment and Treatment (NI) Order 1998 ("The Order") provides inter alia that a public authority shall not accept an offer to execute any work or supply any goods or services where the offer is made by an unqualified person in response to an invitation by the public authority to submit offers. Article 64 also provides that the public authority shall take all such steps as are reasonable to secure that no work is executed or goods or services supplied for the purposes of such contracts as are mentioned above by an unqualified person.

2. An unqualified person is either an employer who, having been in default in the circumstances specified in Article 62 (1) of the Order, has been served with a notice by the Equality Commission stating that he is not qualified for the purposes of Articles 64 to 66 of the Order, or an employer who, by reasons of connection with an employer on whom has been served a notice to that effect, has also been served with such a notice.
3. Mindful of its obligations under the Order, Fermanagh and Omagh District Council has decided that it shall be a condition of inclusion or retention on its Approved List that a Contractor shall not be an unqualified person for the purposes of Articles 64 to 66 of the Order.
4. Contractors are therefore asked to complete and return this Declaration and Undertaking, to confirm that they are not unqualified persons and to undertake that no work shall be executed or goods or services supplied by an unqualified person for the purposes of any contract with Fermanagh and Omagh District Council to which Article 64 of the Order applies.

I/wehereby declare that I
am/we

are not unqualified for the purposes of Article 64 to 66 of the Fair Employment and Treatment (Northern Ireland) Act 1998. I/we undertake forthwith to inform Fermanagh and Omagh District Council should any notice stating that I am/we are unqualified be served upon me/us by the Equality Commission.

Signed: Dated:
For and on behalf of

.....



**Fermanagh and Omagh District Council
Certificate relating to Bona Fide Tender**

1. The essence of submitting tenders is that the client shall receive bona fide competitive tender from all firms bidding. In recognition of this principle, we certify that this is a bona fide tender intended to be competitive, and that we have not fixed or adjusted the amount of the tender by or under or in accordance with any agreement or arrangement with any other person.
2. We also certify that we have not:
 - (a) Communicated to a person other than the person calling for these tenders the amount or approximate amount of the proposed quote, except where the disclosure, in confidence, of the approximate amount of the quote was necessary to obtain insurance premium tenders required for the preparation of the tender ;
 - (b) Entered into any agreement or arrangement with any other person that he shall refrain from quoting or as to the amount of any tender to be submitted;
 - (c) Offered or paid or given or agreed to pay or give any sum of money or valuable consideration directly or indirectly or any person for doing or having done or causing or having caused to be done in relation to any other tender or proposed tender for the said work any act or thing of the sort described above.
3. We undertake that we will not do any of the acts mentioned in paragraphs 2a, 2b, 2c above at any time before acceptance or decline of this tender.
4. In this certificate the word "person" includes any person and any body or association, corporate or unincorporate and "any agreement or arrangement" includes any such transaction, formal or informal and whether legally binding or not.

I / We *have read and now understand the requirements of the tender system in relation to bona fide compliance as detailed in the attached 'Certificate Relating To Bona Fide tender '.

Signed: Dated:

For and on behalf of
.....



Fermanagh and Omagh District Council Equality Declaration

Declaration of Commitment to Promoting Equality of Opportunity and Good Relations

1.

- 1.1 Under Section 75 of the Northern Ireland Act 1998 Fermanagh and Omagh District Council must have due regard to the need to promote equality of opportunity:
Between persons of different religious belief, political opinion, racial group, age, marital status or sexual orientation;
Between men and women generally;
Between persons with a disability and persons without;
Between persons with dependants and persons without.
- 1.2 In addition the Council must also have regard to the desirability of promoting good relations between persons of different religious belief, political opinion or racial group.
- 1.3 The Council is committed to fulfilling these obligations and is keen to not only to ensure that suppliers of goods and services, contractors undertaking work on behalf of the Council, and groups who receive support from the Council do not act in any way that would contravene the Council's statutory equality duties but also that they help promote equality of opportunity and good relations within their own area of work and organisation.
- 1.4 It is therefore a condition of any offer of grant aid / support or contract for goods or services that the Chief Executive, Managing Director or other authorised person signs, on behalf of their organisation, the declaration below. This declaration will confirm that the organisation is committed to promoting equality of opportunity and good relations and will not act in any way that will undermine the Council's commitment to fulfil its statutory obligations.
- 1.5 The Council will not enter into any contract or provide support / grant aid to any organisation which does not sign the Declaration of Commitment to the Promotion of Equality of Opportunity and Good Relations.

We (insert name of firm): _____

Recognise Fermanagh and Omagh District Council's duty to have due regard to the need to promote equality of opportunity:

Between persons of different religious belief, political opinion, racial group, age marital status or sexual orientation;

Between men and women generally;

Between persons with a disability and persons without

Between persons with dependants and persons without,

and to have regard to the desirability of promoting good relations between persons of different religious belief, political opinion or racial group.

We undertake not to act in any way that would contravene the Council's statutory obligations and are committed to promoting good relations and equality of opportunity in all our activities (including in the recruitment, promotion and training of all our staff).

Signed by: _____

Name in block letters _____

Position in Firm: _____

Date: _____

On behalf of: _____
(name of firm)

Address: _____



<p align="center">Fermanagh and Omagh District Council Freedom of Information Act – Tenders (Appendix E)</p>

Bidders should be aware that the information provided in the completed tender and contractual documents could be disclosed in response to a request under the Freedom of Information Act. We will proceed on the basis of disclosure unless an appropriate exemption applies. No information provided by bidders will be accepted “in confidence” and Fermanagh and Omagh District Council accepts no liability for loss as a result of any information disclosed in response to a request under the Freedom of Information Act.

Fermanagh and Omagh District Council has no discretion whether or not to disclose information in response to a request under the Freedom of Information Act, unless an exemption applies. Disclosure decisions will be taken by appropriate individuals in Fermanagh and Omagh District Council having due regard to the exemptions available and the Public Interest. Bidders should be aware that despite the availability of some exemptions, information may still be disclosed if the Public Interest in its disclosure outweighs the Public Interest in maintaining the exemption. Bidders are required to highlight information that they include in the tender documents, which they consider to be commercially sensitive or confidential in nature, and should state the precise reasons, why that view is taken. In particular, issues concerning trade secrets and commercial sensitivity should be highlighted. Bidders are advised against recording unnecessary information.

In accordance with the Lord Chancellors Code of Practice on the discharge of public functions, Fermanagh and Omagh District Council will **not** accept any contractual term that purports to restrict the disclosure of information held by the Council in respect of the contract or tender exercise save as permitted by the Freedom of Information Act. The decision whether to disclose information rests solely with Fermanagh and Omagh District Council

Fermanagh and Omagh District Council will consult with bidders, where it is considered appropriate, in relation to the release of controversial information.

I/we have read and now understand the requirements in relation to freedom of information as detailed on the attached information sheet.

Signed:.....Dated:
 For and on behalf of

.....

.....

Fermanagh and Omagh District Council

Insurance Information - (Appendix F)

Please confirm the level of Insurance cover currently in place.

Section One. Insurance.	
A. Public/Products Liability Insurance Minimum £5 million	Yes/No*
Limit of cover: Public Liability Product Liability	£ £
Insurance company name	
Broker name and address	
Expiry date	
B. Employer Liability Insurance Minimum £10 million	Yes/No*
Limit of cover	
Insurance company name	
Broker name and address	
Expiry date	
C. Contractors All Risks Insurance	Yes/No*
Limit of cover	
Insurance company name	
Broker name and address	
Expiry date	

* Delete as appropriate– if No please provide further details

¹ To be completed as appropriate depending on the nature of the contract.

Signed: Date:
Duly authorised to sign for and on behalf of:

.....

In the event that your firm does not have the required level of insurance cover at the time of application, please confirm in writing that you are willing to put in place the required cover if your submission is successful. Please note evidence of Insurance cover will be required at Award Stage.

.....

.....

FERMANAGH AND OMAGH DISTRICT COUNCIL
TENDER CHECKLIST

To facilitate the needs of the Council in the evaluation process, all proposals submitted must complete/submit the following information. Failure to supply all or any part of the requested information in the required format may result in a proposal being excluded from the evaluation process.

Tenderers must complete this check list:-

MUST BE INCLUDED WITH TENDER SUBMISSION	Have you included?	
	YES Location of doc.	NO (Why?)
Completed and signed Mandatory Exclusion Declaration, Appendix A		
Completed and signed Fair Employment Declaration, Appendix B and Tender Form		
Signed Bona Fide Tender Declaration, Appendix C.		
Completed and signed Equality Declaration, Appendix D.		
Completed and signed Freedom of Information Declaration Appendix E.		
Evidence of appropriate Employer's (£10 million), Public (£5 million) insurance Completed and signed Insurance Information, Appendix F		
Completed and signed Tender Check List G		
Copy of the Company's Health and Safety Policy and statement and completed Appendix I.		
Tenderers are requested to provide details of which licensed site(s) they propose to use for disposing of any surplus materials in relation to this contract.		
Details for HM Revenue & Customs Construction Industry Scheme		

It is your responsibility to submit the necessary documents to enable Fermanagh and Omagh District Council to evaluate your tender. This checklist is for your guidance only.

MUST BE INCLUDED WITH TENDER SUBMISSION	Have you included?	
	YES	NO
Proposed Timetable & Schedule of works.		
Evidence of relevant experience of 3 similar projects undertaken within the past five years. Completed and Signed Appendix J(i) and Appendix J(ii)		
Completed Bill of Quantities		
Complete Appendix 1 Pricing Schedule for Electrical Services Installation.		
Complete Appendix 2 Pricing Schedule for Mechanical Services Installation.		
Full details of all warranties		
Information on After Sales Service		
Please submit with your tender submission a formal statement from your Bank or Auditor confirming your company's financial standing over the last three years. Please note that this statement must be as recent as possible and (<i><u>dated no earlier than 01 March 2015</u></i> <i><u>Undated statements will not be accepted and may render your submission ineligible;</u></i>		
Completed and Signed Form of Tender		

Signed _____

Date _____



Fermanagh & Omagh
District Council
Comhairle Ceantair
Fhear Manach agus na hÓmaí

Appendix H

**The Bribery Act 2010.
Fermanagh and Omagh District Council
Statement of Commitment.**

Fermanagh and Omagh District Council is committed to carrying out business fairly, honestly and openly and has a zero tolerance towards bribery.

Fermanagh and Omagh District Council expects full compliance with the requirements of the Bribery Act 2010 from Councillors, Employees, Agents, Partners, **Suppliers** and Groups or Individuals applying for, or in receipt, of grant aid.

Please complete the following sections and supply relevant information as requested

Company Name and Address (including contact information)

Supply a copy of your company health and safety organisation chart.

Who in your organisation is ultimately responsible for health and safety?

Name	Position	Contact details

Who in your organisation is ultimately responsible for managing health and safety?

Name	Position	Contact Details	Qualifications

Supply a copy of your organisation's health and safety policy.

Supply details of relevant health and safety training provided to your employees in the past 12 months (Attach example certificates)

Course Title	Provider	Dates

Does your organisation use sub-contractors? YES/NO

If yes, please provide details of how you ensure competence of sub-contractors (use a continuation sheet if required)

Complete the following table with the number of accidents / incidents reported by your organisation over the past 3 years

Year	Fatalities	Major accidents	Dangerous occurrences	Over 3-day lost time injuries

Year	Prosecution / Notice	Details	Remedial Action

CONTRACTORS RELEVANT EXPERIENCE

Evidence of relevant experience of 3 similar projects undertaken within the past five years:-

PROJECT 1:

Name and Address of Client Organisation	
Contract Award Date and Duration	
Details of Project	
Contact Name and Telephone Number	

PROJECT 2:

Name and Address of Client Organisation	
Contract Award Date and Duration	
Details of Project	
Contact Name and Telephone Number	

PROJECT 3:

Name and Address of Client Organisation	
Contract Award Date and Duration	
Details of Project	
Contact Name and Telephone Number	

CONCRETE SUB-CONTRACTORS RELEVANT EXPERIENCE

Name and Address of Concrete Sub-Contractor _____

Evidence of relevant experience of 3 similar projects undertaken within the past five years:-

PROJECT 1:

Name and Address of Client Organisation	
Contract Award Date and Duration	
Details of Project	
Contact Name and Telephone Number	

PROJECT 2:

Name and Address of Client Organisation	
Contract Award Date and Duration	
Details of Project	
Contact Name and Telephone Number	

PROJECT 3:

Name and Address of Client Organisation	
Contract Award Date and Duration	
Details of Project	
Contact Name and Telephone Number	