

Mr David Smith
MUDFA Project Director
Carillion Utility Services
Western Harbour
Leith Docks
Edinburgh
EH6 6QF

Our Ref: DEL.MUDFA.9308.JC.GB

Your Ref: AMIS/tie/letter/KAG/Projects/1096

Date: 30 June 2008

Dear David,


**EDINBURGH TRAM PROJECT -- MUDFA
Revised Work Order Confirmation Notice Issue 2 -- Section 7 Design**

Further to previous discussions and your letter, referenced above, please find attached our revised Work Order Confirmation Notice Issue 2 for the Design Phases 1 -- 4 inclusive of existing utilities diversion/protection along the Edinburgh Tram Route for Section 7 only.

We confirm the above and the attached are a variation in accordance with Clause 46 of the Agreement. The attached Work Order Confirmation Notice details the estimated programme and cost impacts of the instructed works.

Please also find attached a copy of your submitted contract documentation with Grontmij with our comments for your information only, the contract between AMIS and Grontmij is AMIS's responsibility and should be left to meet the requirements of the enclosed Work Order Confirmation.

Yours sincerely,


Graeme Barclay
Construction Director -- MUDFA

enc.

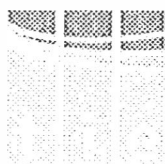
cc: J Casserly, T Caldwell, I Clark, J Johnston, A Hill, I Clark, M Blake

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CEC01342173_0001

WORK ORDER CONFIRMATION NOTICE



Project:	Multi-Utilities Diversion Framework Agreement		
Date:	26 th June 2008	Issue:	2
Work Order Number:	Section 7 -- Design Services Phases 1 to 4		
Change Order Number(if applicable)			
Work Sector:	Section 7		
Work Section:	Section 7 -- Multi Utility Design		

In accordance with clause 8.8.3.1 of the MUDFA Agreement and further to our previous Work Order Confirmation Issue 1 regarding the above we give notice of a revised Work Order Confirmation Issue 2 as described below:

As discussed and agreed AMIS will carryout all the multi utility design works required (including, but not limited to, BAA, EAL and any other utility provider/owner) to deal with all utilities that maybe affected to accommodate the proposed Tram route and support construction on behalf of tie as required. In order to achieve the above and facilitate the design delivery it has been agreed that a suitably qualified, competent and experienced design consultant (approved by BAA/EAL) be appointed by AMIS MUDFA. The design award to be placed for the following:

- Design Phase 1 -- information capture, investigation and confirmation of existing utilities along the Edinburgh Tram route for Section 7
- Design Phases 2 & 3 -- design of affected utility diversions along the Edinburgh Tram Route for Section 7 including securing all affected utility approvals for the designs, production of all drawings/details/specifications/reports etc as required to support the approval process' and construction of the required works
- Design Phase 4 -- site liaison/attendance and design support during construction phase as required.

We confirm this work order is for Design Phase 1 to 4 Inclusive.

The works to be undertaken in accordance with, but not limited to, the following:

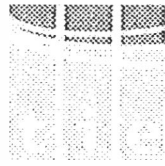
Scope :

Information capture , investigation and confirmation of existing utilities/services/apparatus etc along the Edinburgh Tram Route for Section 7 as stated in, but not limited to, the report entitled "Statement Of Requirements Section 7 -- MUDFA Works", dated 01/10/07 which includes drawing numbers ULE90130-07-TVA-00008-rev3 and ULE90130-07-TVA-00007-rev3 all as previously issued.

The methods of investigation and confirmation of the existing utilities are at the discretion of AMIS, but will include liaison/discussions with all the potentially affected statutory utilities/BAA/EAL/Edinburgh Tram SDS design consultants/any other utility owner/operator and Jacobs. The investigation and confirmation are to be of sufficient detail to inform the design and construction phases by a competent and experienced design consultant/contractor. Any onsite investigation works, including trial holes etc are to follow the appropriate approval process's for notices, access, traffic management, stakeholder approvals, BAA/EAL approvals etc as required and to be progressed by AMIS, assisted by tie. All approved approvals, notices, traffic management approvals, stakeholder approvals etc are to be formally submitted to tie for review and comment prior to commencement.

AMIS MUDFA will produce drawings and reports as outputs of the above Scope of Services for issue to tie. The information is to be compiled into a compendium of information on each service identified and is to be presented on individual and combined drawings, drawing information is to be recorded on BAA drawings to facilitate their ongoing maintenance of the utility records.

WORK ORDER CONFIRMATION NOTICE



The reports and drawings will identify, as a minimum:

- Confirmation of all known utilities/services/apparatus, including but not limited to, location, line, level, quantity, existing specification and any other information required by a competent experienced design consultant to inform design and construction of the works
- Any utilities/services/apparatus of which information is doubted after all reasonable methods of confirmation have been exhausted.
- All notes and assumptions from the design consultant/AMIS MUIJFA.
- Any risks or hazards associated with the required works which may, in the opinion of the design consultant and AMIS, affect the design and construction of the works to be undertaken under separate tie instruction.

The deliverables from the requirements capture process and the design process are to be sufficiently warranted for future use in developing the necessary utility diversions designs and undertaking the diversion works.

Programme:

A programme for the commencement and completion of the Design Phase 1 – 4 inclusive of existing utilities along the Edinburgh Tram Route for Section 7 to be provided by return, demonstrating compliance with the Rev 06 completion date of 31st August 2008 for the utility diversion works required in Section 7 to be provided by return. Works to commence immediately if not already underway.

Costs:

We agree to the AMIS proposal of a time based appointment of a suitably qualified and experienced design consultant for Design Phase 1 – 4 inclusive along the Edinburgh Tram Route for Section 7 only.

As discussed the design consultants initial budget for these works is to be set at £220,000 (Two Hundred and Twenty Thousand Pounds) plus AMIS 8.8%. The actual progress/schedule adherence and the associated costs incurred are to be summarised and reported on a two weekly basis for comment/approval by tie. The appointed design consultant is required to allocate and advise a project specific works and cost reference number and submit justification/substantiation of all costs with their invoices which will be subject to audit, as required by tie.

The all inclusive time based charge out rates per hour applicable to all stages of the design works are:

Project Director ██████████

Project Manager ██████████

Project Engineer (Civils) ██████████

Senior Engineer (Civils) £4 ██████████

Engineer (Civils) £4 ██████████

Graduate Engineer (Civils) £ ██████████ and £ ██████████ depending upon experience)

Project Engineer (M&E) ██████████

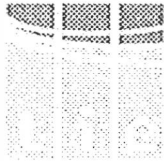
Senior Engineer (M&E) ██████████

Assistant Engineer (M&E) ██████████

Senior Technician (M&E) ██████████

Senior Engineer (GeoTech) ██████████

WORK ORDER CONFIRMATION NOTICE



CAD Manager [REDACTED]

CAD Technician [REDACTED]

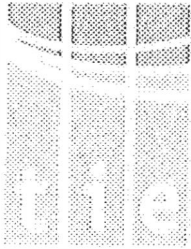
CAD £ [REDACTED]

Design consultants PI insurance liability of £10million, for each and every occurrence, is required for all stages of the design works undertaken and be maintained for a period of 60 months following the date of issue of the last MUDFA Certificate Of Substantial Completion. Tie confirm acceptance of the associated design consultants advised cost of £2,800.00 plus AMIS 8.8% for the provision of the required PI insurance, subject to substantiation of the cost. Copies of the required PI insurance policy and cover to be submitted to tie by return.

Design Consultant:

Tie confirm acceptance of AMIS MUDFA's proposal to appoint Grontmij as their design consultant to carryout the required design.

Tie Approval	Date:	26 th June 2008 [REDACTED]
Graeme Barclay	Signature:	[REDACTED]
AMIS Acknowledgement of Receipt	Date:	
Name:	Signature:	



Mr David Smith
MUDFA Project Director
Carillion Utility Services
Western Harbour
Leith Docks
Edinburgh
EH6 6QF

Our Ref: DEL.MUDFA.9218.GS.GB

Date: 26 June 2008

Dear David,

**EDINBURGH TRAM PROJECT -- MUDFA
A8 -- 1500mm diameter Pipe jacking Subcontract
NEC Contract Procurement Strategy**

Regarding the above please find attached the sample front page and contents page for the Engineering and Construction Contract Option C; A form of Contract for a target contract with activity schedule for use with your proposed subcontractor for the A8- 1500mm diameter pipe sewer diversion.

Please note due to copyright restrictions you will have to purchase your own original form.

Should you have any queries regarding the above please do not hesitate to contact us.

Yours sincerely,



Graeme Barclay
Construction Director -- MUDFA

AS - 1500 mm Ø Pipe Jacking


NEC Contract Procurement Strategy, with amendments

The Institution of Civil Engineers

The Engineering and Construction Contract Option C

An NEC document

A form of contract for a target
contract with activity schedule

 Thomas Telford, London

CEC01342173_0006

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In this contract the core clauses are the ECC core clauses and the clauses set out in the ECC as main option clauses: Option C. The latter are included in sequence and are printed in bold type in this contract.

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