



**Infrastructure Services**

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Ref: AMIS/tie/letter/KAG/Projects/084

7<sup>th</sup> February 2007

For the attention of Ms. Susan Clark

**Mr. Alasdair Slessor**  
tie MUDFA Utilities Project Manager  
tie Limited.  
Verity House,  
19 Haymarket Yards,  
Edinburgh.  
EH12 5BH



Dear Alasdair,

**Subject: MUDFA Alfred McAlpine Infrastructure Services (AMIS) – Contract A150  
Anticipated Final Account (AFA) 3rd Submission**

Thank you for your letter Ref: 40.00.OLT.003270/MH/TE dated 31<sup>st</sup> January 2007.

The two Anticipated Final Account submissions to date have been predominately desktop exercises, necessitated by the preliminary nature of the designs available, where AMIS have endeavoured to scope the overall quantities of utility diversions and set out global risk in the manner of an early warning.

This is not the input contemplated in Schedule 1 of the MUDFA Agreement where AMIS were to review the developed AFC (Approved for Construction) design drawings, compile the AFA from these detailed designs using appropriate rates and prices from the Bill of Quantities and adopt a proactive role in cost benchmarking, risk management and value engineering.

As you are aware the benefit of value engineering has been significantly curtailed due to the preliminary nature and late issue of design details.

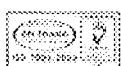
This input would be measured and valued under the Value Engineering Incentive contemplated under Clause 48, had this opportunity been afforded to AMIS.

Your attention is drawn to my letters Ref: AMIS/tie/letter/AM/Projects/007 and 060, dated 27<sup>th</sup> October and 19<sup>th</sup> December 2006 respectively which highlighted;

*"the need for the utility designers to fully consider the actual diversion designs and schemes in order to serve construction and significantly control costs and timescale dependencies."*

To date AMIS have seen no tangible evidence that this objective is being proactively managed or delivered to programme.

Notwithstanding and in response to your comments please find attached the updated Anticipated Final Account and attach our 3<sup>rd</sup> submission in the total amount of £59,782,750.



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 7<sup>th</sup> February, 2007

All risk items, as requested have been treated as "below the line". However by inclusion of the risk I believe a more appropriate outturn cost to tie Limited, would be £68,497,207, less any Prime Cost and Provisional Sums allowances not spent or incurred.

The scaling error was an oversight by AMIS arising from the uncontrolled issue of drawings provided by tie Limited. AMIS immediately notified tie Limited of the issue and addressed the matter with the revised and updated AFA submission on 19<sup>th</sup> December 2006 (2<sup>nd</sup> pass).

However please ensure that all drawings issued in future are in the correct document size compatible with the scale, or marked / stamped accordingly, as per the SDS Quality Control Procedures.

In response to your specific comments and observations I would comment as follows:-

1. Composite rates have been adopted in all our AFA submissions to date. There is insufficient detail and definition on the drawings provided by tie Limited to be utility or activity specific. AMIS are unable to identify trench width, trench depth, technical specification of ducts, cables, pipework and the like, together with requirement in respect of pit, manholes and chambers.

In the absence of this information AMIS have been unable to identify the measured works with Bill of Quantity items.

The rates adopted are a consolidated average over all technical definitions set out in the Bill of Quantities, with assumptions made on the average length of the diversion. The impact of this average length has a significant impact on the final unitary rate, as you will be well aware.

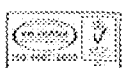
2. The overvaluation of 6.7% relates to uncontrolled documentation AMIS MUDFA prepared and tabled during meetings with your Mr Jim Bruce and Mr. Martin Hutchinson.

This documentation correlates the composite rates against the linear quantities included in the Contract Sum. I have reviewed the submission and reduced the composite rates accordingly in recognition and appreciation of your observations. The impact, adopting the BoQ quantities is as follows:-

Utility	Quantity	Rate	Total
Water	5,576	340.19	1,896,897
Power	4,954	389.18	1,927,974
Gas	6,328	877.76	5,554,441
Telecoms	7,804	356.34	2,780,852
	<b>Total</b>		<b>12,160,165</b>

The equivalent Contract value is £12,088,916.

The composite rates adopted in the AFA are now directly proportional to the Contract values with a positive variance of 0.6%





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The formalisation of this analysis has highlighted the need for tie Limited to make due provision for the growth in quantities between the scope of works set out in the Contract outside the parameters of the measured works. (SDS drawings indicate growth of work).

The quantity of diversions from Contract to AFC, by linear metre are as follows:-

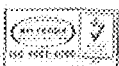
Tender			AFA @ 6 <sup>th</sup> Feb 07		Increase	
Description	Quantity (M)	%	Quantity (M)	%	Quantity (M)	%
Water	5,576	23%	10,709	27%	5,133	92%
Power	4,954	20%	10,004	26%	5,050	102%
Gas	6,328	26%	4,967	13%	-1,361	-22%
Telecommunications	7,804	32%	11,520	30%	3,816	49%
UTL Systems	0	-	1,667	4%	1,667	100%
	<b>24,662</b>	<b>100%</b>	<b>38,967</b>	<b>100%</b>	<b>14,305</b>	<b>58%</b>

As illustrated above the quantities in power, water and telecommunications have been subject to significant growth.

Consequently tie Limited need to actively consider the impact of this level of growth on the Prime Cost and Provisional Sum allowances at this early stage and take cognisance of Contract Schedule 4.

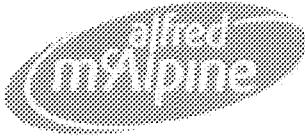
This growth would impact, in proportional terms, as follows:-

Descriptions	Contract	Growth %	Revised Value (£)
Supply, jointing and Testing of Scottish Power Cables	£1,730,000	102%	£3,494,600
Telewest, Cable and Wireless and Thus Cabling	£1,390,550	49%	£2,071,920
Gas / Water Supply Connections: (Consolidated percentage).	£1,500,000	31%	£1,965,000
Removal of Redundant Apparatus	£600,000	(See Note) 63%	£978,000
<b>Totals:-</b>	<b>£5,220,550</b>	<b>71%</b>	<b>£8,509,520</b>



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AMIS MUDFA therefore recommend tie Limited increase their Prime Cost and Provisional Sum provision by a minimum of £3,288,970, plus MUDFA overheads and profit for the areas indicated above.

The balance of the Prime Cost and Provisional Sums also need to be reviewed in the context of the emerging scope of works, as reported and stated previously.

3. Your comments in respect of our 17.5% uplift for "hot-spots" are noted. This matter has been the subject of widespread and protracted discussion with tie Limited since submission of the very first AFA on the 9th November 2006 (PCS Schedule compliance).

As a result I am unable to concur with your assertion that there is insufficient explanation provided.

Please note the adjustment does not relate to "hot-spots", it was applied to the measured works, as detailed in the Notes / Assumptions:

*"...in recognition of the above assumptions and the emerging nature of the design detail and definition, together with scope enhancement driven by the SUC's and the impact their operations could have on the MUDFA works and programme. This provision also covers additional requirements necessitated by compliance with Schedule 13 of the MUDFA Agreement. Given the range and extent of critical risks on the Outline Risk Register AMIS maintain this is an appropriate and prudent level."*

4. Extension of Time. A six months extension of time has been assessed within our AFA submissions to reflect the level of risk associated with the project and outlined in our Risk Register, tabled most recently under cover of our letter Ref:AMIS/tie/letter/AM/Projects/075 dated 29th January 2007.

The major concern still remains in relation to the late submission of SDS detailed utility designs (IFC) which now appears to be phase released as opposed to block release, per the Contract requirements.

The vast majority of the AMIS identified risks are both cost and time related.

Your attention is also drawn to item 30 of the Notes/Assumptions Section within the AFA submissions and AMIS MUDFA correspondence AMIS/tie/letter/AM/Projects/082 and 083 dated 6th and 7th February 2007 respectively.

Of the individual risks identified (106 in total) 94% have been identified as Red or Amber risks, an assessment exacerbated by the ongoing delay associated with the release of tie Limited's Risk Register, only received on the 26th January 2007, after numerous verbal and written requests.

Furthermore, I note the Project Risk Management Plan and Project Assumptions Register has not been provided, contrary to what is contemplated under Schedule One, Clauses 5.1.1 and 5.1.2.



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Mr Alasdair Slessor / Cont.  
7<sup>th</sup> February, 2007

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Please note this information was first requested by AMIS on 27th October 2006, under cover of our letter Ref; AMIS/tie/Letter/KAG/Projects/006.

Given this delay, the nature of the Risks and our experience unless the release of satisfactory SDS Design Detail and Definition and associated Work Orders is improved considerably a six month prolongation will be inadequate in our view.

In our professional opinion it may be worth carrying out a Timescale Risk Analysis (TRA) of the integrated programme as a comparison of the foregoing narrative.

5. Pre-Construction Services; the additional expenditure of £149,543 was derived from our Change Control Register, tabled in the Monthly Progress Reports. Furthermore, please see item 14 of the Notes / Assumptions, set out on Pages 1 and 2 of the AFA Submission.
6. The additional 1% to cover the tie Limited requirement for a five year defects correction period has been realigned to reflect the growth in the Contract works, deducting the £401,098 already included in the Line 1 Contract Preliminaries.
7. Degree of Difficulty; as illustrated above and as scheduled under item 17 of the Notes and Assumptions (within all our AFA submissions), the composite rate is based on an assessed and measured length and an average rate per linear metre.

Given the nature of the locations where the "Degree of Difficulty" factors have been dutifully applied the composite rate will not reflect an average BoQ rate or the productivity upon which it is derived.

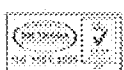
Consequently the uplift is designed to address the impact of this aspect and offered in good faith and forward looking to assist tie Limited in the early identification of commercial / budget exposures.

The solution to this issue is to provide accurate and timely design detail and definition of utility industry standards for each diversion, allowing AMIS to determine with a high degree of confidence, which BoQ rate would directly apply.

In the absence of this information AMIS are left with no alternative but to continue with our existing approach, as opposed to waiting in a non-proactive manner.

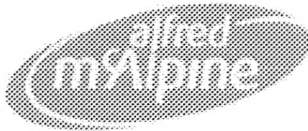
AMIS letter Ref; AMIS/tie/letter/KAG/Projects/071 of 19th January 2007 requested receipt of the latest SDS Design Schedule, detailing dates for the fully configured SDS Detailed Design drawings at AFC/IFC level, as approved by tie Limited and endorsed by the respective SUC's to support the Construction Services Programme.

Please advise when this information will be available under cover transmittal.



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Ref AMIS/tie/letter/KAG/Projects/084

Mr Alasdair Slessor / Cont.

7<sup>th</sup> February, 2007

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AMIS MUDFA will continue to adopt a best endeavours and Early Warning approach to the administration of our AFA obligations under the MUDFA Agreement, as previously stated.

AMIS MUDFA awaits your confirmation that the SDS utility designers will fully consider the actual diversion designs and schemes in order to serve construction, significantly control costs and timescale dependencies, while encapsulating value engineering solutions prior to drawing approval and release.

Yours sincerely

For and on behalf of **Alfred McAlpine Infrastructure Services Ltd**



**Andrew Malkin**  
MUDFA AMIS Project Director

Copies:-

**Tie Project Team**

Alan Hill

John Low

Jim Johnson

Martin Hutchinson

**MUDFA Project Team**

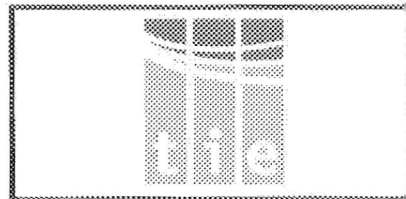
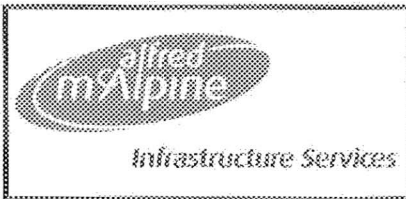
Steve Hudson

Keith Gourlay



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**CEC01831536\_0006**



**MULTI-UTILITY DIVERSION FRAMEWORK  
 AGREEMENT (MUDFA)  
 Relating to the  
 Edinburgh Tram Network  
 Contract No. A150**

**ALFRED McALPINE  
 INFRASTRUCTURE SERVICES (AMIS)  
 DOCUMENT No. A150/CM/COST-AFA/003  
 DOCUMENT TITLE :  
 ANTICIPATED FINAL ACCOUNT  
 (AFA) & COST MODEL**

VERSION No : 03

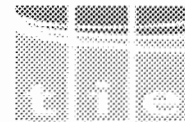
PAGE : 1 of 40

**DOCUMENT OWNER : ANDREW MALKIN**

Keith Gourlay	06.02.07	[REDACTED]	07.02.07	[REDACTED]	07.02.07	CODES A, B or C	
Keith Gourlay	18.12.06	KG	18.12.06	AM	19.12.06	N/A	N/A
Keith Gourlay	28.11.06	KG	28.11.06	AM	28.11.06	N/A	N/A
Author	Date	Checked	Date	Approved	Issue Date	Approved	Date
MUDFA AMIS PROJECT TEAM						Tie / Client	



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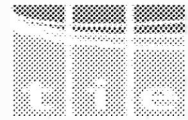


1	This submission supersedes the AMIS submission tabled on 19th December 2006.																								
2	The AMIS WBS correlates Tie WBS and SDS lines, sections and sub-sections.																								
3	The AMIS "Work Sectors" are equivalent to SDS Design Sub-Sections.																								
4	The "Work Sites" within "Work Sections" are matched to Tie WBS System (90%)																								
5	"Work Sites" have been identified based on nominal excavations of 200 metres and take into account road junctions, phasing and traffic management issues ( 1st pass)																								
6	Work packs have been identified within the battery limits of "Work Sites" to allow for a more detailed breakdown in relation to complexity, traffic management phasing and Non-MUDFA work scopes where Utility Company dependencies exist.																								
7	AMIS have correlated SDS drawing numbers to "Work Sites" and "Work Packs" as part of the Anticipated Final Account (AFA) process (3rd pass).																								
8	The "Work Sectors", "Work Sections" and "Work Sites" are numbered and sequenced in the following manner:- i Edinburgh Airport to Roseburn Junction (Line 1) ii Roseburn Junction to Granton Square (Line 2) iii Roseburn Junction to Ocean Terminal (Line 1)																								
9	AMIS have developed the Organisation Breakdown Structure (OBS) following WBS discussions and agreement with tie Limited																								
10	The AMIS WBS will include NON-MUDFA works where interfaces and dependencies are known for completeness and communication purposes (Reference TSS)																								
11	The AMIS WBS proposal is draft and subject to discussion and agreement through P3a.																								
12	AMIS have included a summary of "Work Sections" and "Work Sites"																								
13	Clause 2.36 of Schedule 1 stipulates a requirement for the AFA to be "...compiled using appropriate rates and prices from the Bill of Quantities." In the absence of design detail / definition the AFA has been calculated using composite rates based on average job lengths across an average excavation width, depth and location. The composite rates are calculated on an average diversion length, Telecommunications 40m; Power 40m; Gas 20m; Clean Water 35m and Foul Water 10m. This assumes the optimum opportunity for output performance, with the minimum of mobilisation / demobilisation / unproductive / inefficient resource allocation. The validity of these global assumptions will be determined once the variables are quantified and scoped within the constraints of the overall programme.  However the composite rates have been tested against the total quantities by utility within the Bill of Quantities. The total cost generated by this model is consistent with the measured work cost set out in item 14 below and within a permissible percentage variance.																								
14	Due allowance has been made for a nominal increased scope in the Pre Construction Services, together with an assessment of the trial holes and CCTV surveys; scope / definition of tie's requirements in this area is required.																								
15	The workscope quantifications (UTL) have been derived from a scaled measurement of the drawings detailed in each of the Sections.																								
16	Each tram route has been assessed to determine percentage impact of vertical / cross section multi-utility diversions running transverse to the tram route. These transverse diversions percentages are follows:-																								
	<table border="1"> <thead> <tr> <th>Description</th> <th>Single Utility (+)</th> <th>Multi Utility (+)</th> <th>Notes:</th> </tr> </thead> <tbody> <tr> <td>Telecoms</td> <td>5.0%</td> <td>10.0%</td> <td></td> </tr> <tr> <td>Power - LV</td> <td>5.0%</td> <td>10.0%</td> <td>(i) Excludes complex work areas and unknowns</td> </tr> <tr> <td>Power - HV</td> <td>7.5%</td> <td>15.0%</td> <td>(ii) SDS Detailed Design Drawings lack detail associated with PCS buildability requirement and complexity.</td> </tr> <tr> <td>Gas</td> <td>12.5%</td> <td>25.0%</td> <td></td> </tr> <tr> <td>Water</td> <td>15.0%</td> <td>30.0%</td> <td></td> </tr> </tbody> </table>	Description	Single Utility (+)	Multi Utility (+)	Notes:	Telecoms	5.0%	10.0%		Power - LV	5.0%	10.0%	(i) Excludes complex work areas and unknowns	Power - HV	7.5%	15.0%	(ii) SDS Detailed Design Drawings lack detail associated with PCS buildability requirement and complexity.	Gas	12.5%	25.0%		Water	15.0%	30.0%	
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17	The Bill of Quantities rates contemplate single utility / single trench diversions; from our review of the preliminary designs AMIS believe the 'hot spot' locations will attract onerous traffic management requirements, beyond that contemplated in the Tender Programme and tendered rates, together with disproportionate front line management and multi-utility operational requirements. This will have a detrimental impact on productivity over and above the composite rates detailed in item 12 above. To address these constraints AMIS have applied a factor of 2.0, 1.5 or 1.0 (degrees of complexity) to the composite rate, as appropriate to our knowledge and understanding of the location / workscope. This adjustment is designed to reflect the complexity of the project, the impact on additional support costs / risk mitigation measures, the potential impact on our measurement of quantities against the likely as-built quantities and the potential for additional / disproportionate (over and above the assumptions contained within the composite rates) trench width, excavation and productivity lower than the composite rate assumptions.																								
18	Further to item 15 above once the design detail and definition is identified the individual aspects, presently provided within this adjustment, will be finalised based on the Bill of Quantities, Method of Measurement, Work Sector Preliminaries and Change Control impacts. However at this juncture the level of risk inherent in the individual locations and the limitations / risk of the composite rate necessitate a global adjustment in order to accurately reflect the anticipated outturn costs and address the limitations of the composite rate provisions																								






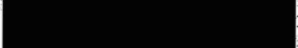
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19	The Contract Sum of £39,445,827 comprises a measured works value of £12,001,915, this AFA has a comparable value of £31,002,783; an increase of £18,913,867, circa 156%.
20	The Contract Sum of £39,445,827 contains a Prime Cost and Provisional Sum element of £17,975,550. AMIS assess that the range and extent of the events contributing to the increase detailed in item 14 above, represents circa £4m. Risk / contingency is established at 17.5%, subject to amendment depending on design detail, definition and programmed delivery.
21	AMIS require detailed and comprehensive visibility of the MUDFA Project Risk Management Plan and Projects Assumptions Register to validate the integrity of the 17.5% risk provision.
22	A risk and contingency provision of 17.5% has been applied to the measured works in recognition of the above assumptions and the emerging nature of the design detail and definition, together with scope enhancement driven by the SUC's and the impact their operations could have on the MUDFA works and programme. This provision also covers additional requirements necessitated by compliance with Schedule 13 of the MUDFA Agreement.
23	In recognition of the increased scope of works and the consequential impact on the allocation / requirement of Delivery Managers, Utility Liaison Managers, Tram Helpers and Traffic Management the Contract values are assessed as inadequate and in recognition of a 156% increase in measured work a 90% increase only has been assumed. See Part 6, Page 5 of the CARP submission. This is an area of risk and management of the outturn cost can only be achieved by the appropriate level of design detail and definition.
24	An additional 1% has been added to reflect the five year defect correction period on the increased workscope. The increased Bonding requirements have not been assessed.
25	This AFA represents AMIS's submission in recognition of their obligations under MUDFA Agreement, for Pre-Construction Services Clauses 2.34, 2.35, 2.36, 2.37 and 2.38 of Schedule 1
26	Notwithstanding item 23 above the designs as developed and contemplated under 2.34 lack sufficient detail, definition and specification to provide a robust AFA. This submission therefore attracts global assessments of risk and prolongation, together with a number of caveats on quantities, excavation widths / depth, pipe / cable diameters and the like.
27	Clause 48 of the MUDFA Agreement sets out the "Value Engineering Incentive". The preliminary design detail and definition has limited our opportunity to impact in this area, we would welcome the opportunity to discuss the application of this incentive going forward.
28	This submission seeks to determine the outturn cost at the date of submission, based on the information presently available and in recognition of the various constraints. The documentation hereafter will be adopted as a sound basis for the future development of the AFA throughout the Contract to assist risk quantification, mitigation and cost certainty. A concept of Early Warning has also been adopted to scope the potential for cost escalation if appropriate deliverables, primarily design detail/definition are not achieved.
29	The Tender Programme and Stakeholder Imposed Programme have not been considered in the compilation of this AFA submission; each Section has been calculated on an 'stand-alone' basis of the composite rate and measurements detailed in items 14 and 18 above. Any additional or exceptional costs incurred by AMIS in any accelerated working, unproductive and inefficient working, variances to work sequences and the like, through the demands and constraints of the As-Built Programme of Works are not contemplated in the AFA.
30	An assumed six months prolongation to the Contract period, beyond the Longstop Date, has been incorporated at a projected cost of £2,397,834. Initial assessment of the current development of the design. This addresses Contract Preliminaries and Work Sector Preliminaries.
31	tie and SDS to provide clarification in respect of Document No. A150/PM/PRJ-DEM/001, Version 01, MUDFA Planning Interface & Demarcation Schedule, dated 10th November 2006. This clarification will ensure workscope and resultant Programme clarity. For example there is no provision for Verizon or additional scope required or sought by the SUC's.

Prepared By:  Stephen Clemenson Date: 5th February 2007

Checked By:  Keith Gourlay Date: 5th February 2007

Approved By:  Andrew Malkin Date: 5th February 2007

**ALFRED McALPINE INFRASTRUCTURE SERVICES (AMIS) - MULTI UTILITY DIVERSION FRAMEWORK AGREEMENT (MUDFA WORKSCOPE) - WBS BREAKDOWN SUMMARY (DRAFT; 3RD PASS)**

Tie PROJECT CODING & WBS				AMIS PROJECT WBS				AMIS 3rd Pass AFA
Phase/Line	Sections	Sub-Sections	Comments	Sectors	Number of Sections	Number of Work Sites	Number of Work Packs	£'s
1A / 1	1	1A	No Comments	1A	8	20	0	£ 6,889,171.01
1A / 1	1	1B	No Comments	1B	3	11	0	£ 5,071,686.16
1A / 1	1	1C	No Comments	1C	8	17	0	£ 3,651,024.34
1A / 1	1	1D	No Comments	1D	5	13	4	£ 3,644,100.60
1A / 1	2	2	No Comments	2	1	3	0	£ 554,569.68
1B / 2	3	3A	No Comments	3A	6	13	2	£ 620,530.80
1B / 2	3	3B	No Comments	3B	2	6	3	£ 646,545.28
1B / 2	3	3C	No Comments	3C	2	4	0	£ 604,972.47
2	4	4A	No Comments	4	0	0	0	£ -
1B / 1	5	5	No Comments	5	9	17	1	£ 5,144,994.32
GOGAR DEPOT	6	6	No Comments	6	1	4	4	£ 1,198,435.42
1A / 1	7A	7A	No Comments	7A	3	16	7	£ 2,996,752.92
<b>SUMMARY OF AMIS WBS BREAKDOWN =</b>					<b>48</b>	<b>124</b>	<b>21</b>	<b>£ 31,002,783.00</b>

Average Sites per Section = 2.6

**ALFRED McALPINE INFRASTRUCTURE SERVICES (AMIS) - MULTI UTILITY DIVERSION FRAMEWORK AGREEMENT (MUDFA WORKSCOPE) - ESTIMATION OF UTILITY QUANTITIES IN LINEAR METRES (3RD PASS)**

DESCRIPTION OF MUDFA UTILITIES	AMIS SUMMARY OF MUDFA UTILITY QUANTITIES												SINGLE UTILITY QUANTITIES (Linear Metres)
	Sector 1A	Sector 1B	Sector 1C	Sector 1D	Sector 2	Sector 3A	Sector 3B	Sector 3C	Sector 4	Sector 5	Sector 6	Sector 7A	
Power Systems	2,521.00	766.08	936.20	522.50	49.50	153.98	260.30	56.03	0.00	1,764.30	110.00	2,294.05	9,433.93
Gas - Mains & Branch	1,241.44	636.00	769.95	643.65	189.00	113.20	112.00	166.95	0.00	449.45	229.80	415.50	4,968.94
Water - Clean	2,088.68	2,274.35	307.50	1,221.45	15.00	142.10	306.45	83.85	0.00	1,022.70	780.00	103.40	8,345.48
Water - Foul & Gravity Piping	743.80	6.00	171.00	112.05	99.00	155.40	191.18	262.20	0.00	622.70	0.00	0.00	2,363.33
Telecoms - British Telecom (BT)	1,606.73	2,407.98	738.90	555.08	0.00	157.35	284.48	212.18	0.00	199.50	24.15	312.45	6,498.78
Telecoms - Tele West (TW)	238.40	29.10	118.25	199.35	15.75	59.55	4.40	176.40	0.00	390.60	0.00	0.00	1,231.80
Telecoms - Cable & Wireless (C&W)	171.15	0.00	502.60	595.05	385.88	20.00	0.00	27.00	0.00	771.75	0.00	0.00	2,473.43
Telecoms - THUS	278.30	85.80	186.00	118.65	207.90	12.00	69.30	0.00	0.00	276.65	0.00	0.00	1,234.60
Telecoms - EasyNet (EN)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	181.65	0.00	0.00	181.65
Telecoms - NTL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Street Lighting	0.00	0.00	0.00	0.00	17.60	0.00	0.00	0.00	0.00	425.88	126.50	0.00	569.98
Surface Water Systems	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.00	0.00	0.00	165.00	0.00	207.00
Miscellaneous & Other UTL Systems	0.00	0.00	0.00	0.00	74.25	14.00	0.00	21.00	0.00	1,033.63	0.00	317.50	1,460.38
<b>SDS Sector Multi-Utility Quantities (Linear Metres) =</b>	<b>8,889.49</b>	<b>6,205.30</b>	<b>3,730.40</b>	<b>3,967.78</b>	<b>1,053.88</b>	<b>827.58</b>	<b>1,228.10</b>	<b>1,047.60</b>	<b>0.00</b>	<b>7,138.80</b>	<b>1,435.45</b>	<b>3,442.90</b>	<b>38,967.26</b>

MUDFA CRITICALITY ASSESSMENT	Critical			Critical	Critical				N/A			Critical
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**ALFRED McALPINE INFRASTRUCTURE SERVICES (AMIS) - MULTI UTILITY DIVERSION FRAMEWORK AGREEMENT (MUDFA WORKSCOPE) - ESTIMATION OF UTILITY DIRECT COSTS BASED ON LINEAR METRES (3RD PASS)**

AMIS COSTING SUMMARY FOR MUDFA UTILITY DIRECT WORKS												UTILITY DIRECT COSTS
Sector 1A	Sector 1B	Sector 1C	Sector 1D	Sector 2	Sector 3A	Sector 3B	Sector 3C	Sector 4	Sector 5	Sector 6	Sector 7A	£
6,869,171.01	5,071,686.16	3,651,024.34	3,644,100.60	554,569.68	620,530.80	646,545.28	604,972.47	0.00	5,144,994.32	1,198,435.42	2,996,752.92	31,002,783.00
6,869,171.01	5,071,686.16	3,651,024.34	3,644,100.60	554,569.68	620,530.80	646,545.28	604,972.47	0.00	5,144,994.32	1,198,435.42	2,996,752.92	31,002,783.00

Summary of Prime Cost & Provisional Sums				
Description	Line 1	Line 2	Total	Value
Supply, Joining, Testing etc Scottish Power Cables	1,500,000	230,000	1,730,000	
Telewest, C&W & Thus Cabling	914,550	476,000	1,390,550	
Forth Ports / Third Party Land	400,000	200,000	600,000	
ARM Risk Management Licenses	50,000	0	50,000	
Gas / Water Supply Connections	1,500,000	0	1,500,000	
City Wide & Work Sector Wide Traffic Management	1,000,000	0	1,000,000	1,000,000
Wildlife Preservation Activities / Historic Preservation	325,000	200,000	525,000	
Pest Control & Alien Species	50,000	50,000	100,000	
Extra-ordinary Ground Conditions	100,000	75,000	175,000	
Unmarked Graves / Trial Holes	150,000	100,000	250,000	
Movement monitoring - buildings / structures	100,000	75,000	175,000	
Removal of contaminated materials	150,000	150,000	300,000	
Special precautions - water courses / Ecological Surveys	125,000	100,000	225,000	
Stakeholder (Non MUDFA) enabling works	75,000	75,000	150,000	
Street furniture	150,000	125,000	275,000	
Tree Protection	15,000	15,000	30,000	
Unidentified & Identified Utility Diversions	200,000	2,609,000	2,809,000	2,809,000
Site Name Boards / General Builder Works	60,000	60,000	120,000	
Removal of redundant apparatus	300,000	300,000	600,000	
General enabling Works	750,000	250,000	1,000,000	1,000,000
BAA	0	4,971,000	4,971,000	
	<b>7,914,550</b>	<b>10,061,000</b>	<b>17,975,550</b>	<b>4,809,000</b>
	44%	56%	100%	27%

Assessment of what portion of the increased scope that is likely to be covered by a PC or Provisional Sum

	£
	31,002,783
<u>Add</u> ; Pre-Construction Services Deliverables	996,353
<u>Add</u> ; Increased Scope in Pre-Construction	149,453
<u>Add</u> ; Trial Holes and CCTV Surveys	150,000
<b>Line 1</b>	
Contract Preliminaries - 64 weeks	3,572,296
Work Sector Preliminaries (WSP)	1,075,020
Increase in WSP to reflect increased scope and duration	967,518
Prime Cost Sums	5,364,550
Provisional Sums	2,560,000
<b>Line 2</b>	
Contract Preliminaries	0
Work Sector Preliminaries	537,510
Increase in WSP to reflect increased scope and duration	483,759
Prime Cost Sums	8,311,000
Provisional Sums	1,750,000
<b>Sub-Total:-</b>	<b>55,910,242</b>
<u>Deduct</u> ; Projected PC & PS Spend	-4,809,000
<u>Add</u> ; Prelims; potential 6 months prolongation	2,397,634
<u>Add</u> ; Defects Correction provision associated with Contract extension / growth	540,980
<b>Sub-Total #1:-</b>	<b>55,040,856</b>
<u>Add</u> ; Prelims; Profit & Overheads @ 8.8%, all value except PCS	4,742,694
<b>Sub-Total #2:-</b>	<b>59,783,550</b>
<u>Add</u> ; Contingency and Risk Provision @17.5%	5,425,467
<u>Add</u> ; Increased Growth in PC & PS levels	3,288,970
<b>Anticipated Final Account; Third Pass</b>	<b>68,497,207</b>

ALFRED McALPINE INFRASTRUCTURE SERVICES (AMIS) - MULTI UTILITY DIVERSION FRAMEWORK AGREEMENT (MUDFA WORKSCOPE)

Tie PROJECT CODING & WBS				AMIS PROJECT WBS				WORKSCOPE DEFINITION			WORKSCOPE QUANTIFICATIONS					COSTS	
Phase/Line	Sections	Sub-Sections	WBS	Sectors	Sections	Work Sites	Work Packs	Category	Utility	Drawing No's	UTL Lengths	Transverse Uplift %	Total Length	Rates	Factor	£'s	
1A / 1	1	1A	21	1A	1AWSE001	1AWSI001/001	N/A		Power	ULE90130-01-USP-00020/1	33.0	15.0%	38.0	£ 389.18	2.0	£ 29,538.40	
									Gas	ULE90130-01-UGS-00120/21	25.5		25.5	£ 877.76	1.5	£ 33,574.18	
									Water-Clean	ULE90130-01-UCL-00120/21	112.5	30.0%	146.3	£ 340.19	1.5	£ 74,629.10	
									Water-Foul	ULE90130-01-UFL-00120/21	8.0	10.0%	8.8	£ 1,124.90	1.0	£ 9,899.10	
									Telec - BT	ULE90130-01-UBT-00120/21	33.0	10.0%	36.3	£ 356.34	1.5	£ 19,402.54	
									Telec - TW	ULE90130-01-UTE-00720/21	8.0	10.0%	8.8	£ 356.34	1.0	£ 3,135.76	
									No Service	Telec - C&W	ULE90130-01-UCW-00	0.0		0.0	£ 389.18	0.0	£ -
										Telec - THUS	ULE90130-01-UTH-00020/21	57.0	10.0%	62.7	£ 356.34	1.5	£ 33,513.47
									No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
									No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
									No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
									No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	1.0	£ -
									No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	1.0	£ -
1A / 1	1	1A	21	1A	1AWSE001	1AWSI001/002	N/A		Power	ULE90130-01-USP-00219/20	156.0	10.0%	171.6	£ 389.18	1.0	£ 66,782.46	
									Gas	ULE90130-01-UGS-00119/20	177.0		177.0	£ 877.76	1.0	£ 155,362.85	
									Water-Clean	ULE90130-01-UCL-00119/20	184.5	30.0%	239.9	£ 340.19	1.5	£ 122,391.72	
									Protection	Water-Foul	ULE90130-01-UFL-00119/20	102.0		102.0	£ 1,124.90	1.5	£ 172,109.30
									Telec - BT	ULE90130-01-UBT-00119/20	112.5	10.0%	123.8	£ 356.34	1.5	£ 66,145.01	
									Telec - TW	ULE90130-01-UTE-00119/20	14.0	10.0%	15.4	£ 356.34	1.0	£ 5,487.59	
									No Service	Telec - C&W	ULE90130-01-UCW-00	0.0		0.0	£ -	1.0	£ -
										Telec - THUS	ULE90130-01-UTH-00720	117.0	10.0%	128.7	£ 356.34	1.0	£ 45,860.54
									No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
									No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
									No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
									No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	1.0	£ -
									No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	1.0	£ -
1A / 1	1	1A	21	1A	1AWSE001	1AWSI001/003	N/A		Power	ULE90130-01-USP-00219	264.0	15.0%	303.6	£ 389.18	1.5	£ 177,230.38	
									Gas	ULE90130-01-UGS-00119	168.0	12.5%	189.0	£ 877.76	1.0	£ 165,895.92	
									Water-Clean	ULE90130-01-UCL-00119	279.0	30.0%	362.7	£ 340.19	1.0	£ 123,386.78	
									Protection	Water-Foul	ULE90130-01-UFL-00119	100.5	10.0%	110.6	£ 1,124.90	1.5	£ 186,536.11
									Telec - BT	ULE90130-01-UBT-00119	153.0	10.0%	168.3	£ 356.34	1.0	£ 59,971.48	
									Telec - TW	ULE90130-01-UTE-00719	14.0	5.0%	14.7	£ 356.34	1.0	£ 5,238.15	
									No Service	Telec - C&W	ULE90130-01-UCW-00	0.0		0.0	£ -	1.0	£ -
										Telec - THUS	ULE90130-01-UTH-00119	35.0	10.0%	38.5	£ 356.34	1.0	£ 13,718.96
									No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
									No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
									No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
									No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	1.0	£ -
									No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	1.0	£ -
1A / 1	1	1A	21	1A	1AWSE001	1AWSI001/004	N/A		Power	ULE90130-01-USP-00218/9	82.5	10.0%	90.8	£ 389.18	1.0	£ 35,317.65	
									Gas	ULE90130-01-UGS-00118/9	153.0	12.5%	172.1	£ 877.76	1.0	£ 151,083.79	
									Water-Clean	ULE90130-01-UCL-00018	142.5	30.0%	185.3	£ 340.19	1.5	£ 94,530.19	
									Protection	Water-Foul	ULE90130-01-UFL-00018	100.5	10.0%	110.6	£ 1,124.90	1.5	£ 186,536.11
									Telec - BT	ULE90130-01-UBT-00018	144.0	10.0%	158.4	£ 356.34	1.5	£ 84,666.61	
									Telec - TW	ULE90130-01-UTE-00718	57.0	10.0%	62.7	£ 356.34	1.0	£ 22,342.31	
									No Service	Telec - C&W	ULE90130-01-UCW-00	0.0		0.0	£ 356.34	1.0	£ -
										Telec - THUS	ULE90130-01-UTH-00019	44.0	10.0%	48.4	£ 356.34	1.0	£ 17,246.70
									No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
									No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
									No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
									No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	1.0	£ -
									No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	1.0	£ -
1A / 1	1	1A	22	1A	1AWSE002	1AWSI002/001	N/A		Power	ULE90130-01-USP-00217/8	75.0	15.0%	86.3	£ 389.18	2.0	£ 67,132.72	
									Gas	ULE90130-01-UGS-00117/8	93.0	50.0%	139.5	£ 877.76	2.0	£ 244,893.98	
									Water-Clean	ULE90130-01-UCL-00018	21.0	30.0%	27.3	£ 340.19	1.5	£ 13,930.77	
									Water-Foul	ULE90130-01-UFL-00018	25.0	10.0%	27.5	£ -	1.5	£ -	
									No Service	Telec - BT	ULE90130-01-UBT-00	0.0		0.0	£ -	1.0	£ -
									No Service	Telec - TW	ULE90130-01-UTE-00	0.0		0.0	£ -	1.0	£ -

ALFRED McALPINE INFRASTRUCTURE SERVICES (AMIS) - MULTI UTILITY DIVERSION FRAMEWORK AGREEMENT (MUDFA WORKSCOPE)

The PROJECT CODING & WBS				AMIS PROJECT WBS				WORKSCOPE DEFINITION			WORKSCOPE QUANTIFICATIONS					COSTS
Phase/Line	Sections	Sub-Sections	WBS	Sectors	Sections	Work Sites	Work Packs	Category	Utility	Drawing No's	UTL Lengths	Transverse Uplift %	Total Length	Rates	Factor	£'s
								No Service	Telec - C&W	ULE90130-01-UCW-00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - THUS	ULE90130-01-UTH-00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
								No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
								No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	1.0	£ -
								No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	1.0	£ -
1A / 1	1	1A	22	1A	1AWSE002	1AWSI002/002	N/A		Power	ULE90130-01-USP-00217	60.0	15.0%	69.0	£ 389.18	2.0	£ 53,706.18
									Gas	ULE90130-01-UGS-00117	67.5	12.5%	75.9	£ 877.76	2.0	£ 133,309.23
									Water-Clean	ULE90130-01-UCL-00018	72.0	30.0%	93.6	£ 340.19	1.5	£ 47,762.62
									Water-Foul	ULE90130-01-UFL-00018	57.0	10.0%	62.7	£ 1,124.90	1.5	£ 105,796.60
									Telec - BT	ULE90130-01-UBT-00018	111.0	10.0%	122.1	£ 356.34	2.0	£ 87,017.43
									Telec - TW	ULE90130-01-UTE-00717	12.0	5.0%	12.6	£ 356.34	1.5	£ 6,734.76
									Telec - C&W	ULE90130-01-UCW-00817	9.0	5.0%	9.5	£ 356.34	1.5	£ 5,051.07
								No Service	Telec - THUS	ULE90130-01-UTH-00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
								No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
								No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	1.0	£ -
								No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	1.0	£ -
1A / 1	1	1A	22	1A	1AWSE002	1AWSI002/003	N/A		Power	ULE90130-01-USP-00217/8	60.0	15.0%	69.0	£ 389.18	2.0	£ 53,706.18
									Gas	ULE90130-01-UGS-00116/7	165.0	5.0%	173.3	£ 877.76	2.0	£ 304,142.53
									Water-Clean	ULE90130-01-UCL-00117/8	109.5	30.0%	142.4	£ 340.19	2.0	£ 96,861.99
									Water-Foul	ULE90130-01-UFL-00117/8	93.0	10.0%	102.3	£ 1,124.90	1.5	£ 172,615.50
									Telec - BT	ULE90130-01-UBT-00117/8	132.0	10.0%	145.2	£ 356.34	2.0	£ 103,480.19
									Telec - TW	ULE90130-01-UTE-00117/8	48.0	10.0%	52.8	£ 356.34	1.5	£ 28,221.87
								No Service	Telec - C&W	ULE90130-01-UCW-00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - THUS	ULE90130-01-UTH-00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
								No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
								No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	1.0	£ -
								No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	1.0	£ -
1A / 1	1	1A	22	1A	1AWSE002	1AWSI002/004	N/A		Power	ULE90130-01-USP-00215/6	72.0	10.0%	79.2	£ 389.18	2.0	£ 61,645.35
									Gas	ULE90130-01-UGS-00115/6	66.0		66.0	£ 877.76	2.0	£ 115,863.82
									Water-Clean	ULE90130-01-UCL-00116/7	63.0	30.0%	81.9	£ 340.19	2.0	£ 55,723.06
									Water-Foul	ULE90130-01-UFL-00116/7	72.0	10.0%	79.2	£ 1,124.90	2.0	£ 170,183.74
									Telec - BT	ULE90130-01-UBT-00116/7	84.0	10.0%	92.4	£ 356.34	2.0	£ 65,851.03
								No Service	Telec - TW	ULE90130-01-UTE-00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - C&W	ULE90130-01-UCW-00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - THUS	ULE90130-01-UTH-00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
								No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
								No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	1.0	£ -
								No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	1.0	£ -
1A / 1	1	1A	23	1A	1AWSE003	1AWSI003/001	N/A		Power	ULE90130-01-USP-00215	21.0	5.0%	22.1	£ 389.18	1.5	£ 12,871.97
								No Service	Gas	ULE90130-01-UGS-00	0.0		0.0	£ -	1.0	£ -
									Water-Clean	ULE90130-01-UCL-00016	37.5	30.0%	48.8	£ 340.19	2.0	£ 33,168.49
									Water-Foul	ULE90130-01-UFL-00016	12.0	10.0%	13.2	£ 1,124.90	1.5	£ 22,272.97
									Telec - BT	ULE90130-01-UBT-00016	129.0	10.0%	141.9	£ 356.34	2.0	£ 101,128.37
								No Service	Telec - TW	ULE90130-01-UTE-00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - C&W	ULE90130-01-UCW-00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - THUS	ULE90130-01-UTH-00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
								No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
								No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	1.0	£ -
								No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	1.0	£ -

ALFRED McALPINE INFRASTRUCTURE SERVICES (AMIS) - MULTI UTILITY DIVERSION FRAMEWORK AGREEMENT (MUDFA WORKSCOPE)

Tie PROJECT CODING & WBS				AMIS PROJECT WBS				WORKSCOPE DEFINITION			WORKSCOPE QUANTIFICATIONS					COSTS
Phase/Line	Sections	Sub-Sections	WBS	Sectors	Sections	Work Sites	Work Packs	Category	Utility	Drawing No's	UTL Lengths	Transverse Uplift %	Total Length	Rates	Factor	£'s
1A / 1	1	1A	23	1A	1AWSE003	1AWSI003/002	N/A		Power	ULE90130-01-USP-00213/4/5	186.0	15.0%	213.9	£ 389.18	2.0	£ 166,489.15
									Gas	ULE90130-01-UGS-0013/4/5	36.0		36.0	£ 877.76	2.0	£ 63,198.45
									Water-Clean	ULE90130-01-UCL-00013/4/5	168.0	30.0%	218.4	£ 340.19	2.0	£ 148,594.83
								No Service	Water-Foul	ULE90130-01-UFL-00	0.0		0.0	£ -	1.0	£ -
									Telec - BT	ULE90130-01-UBT-00013/4/5	207.0	10.0%	227.7	£ 356.34	2.0	£ 162,275.76
									Telec - TW	ULE90130-01-UTE-00713	8.0	5.0%	8.4	£ 356.34	1.5	£ 4,489.84
									Telec - C&W	ULE90130-01-UCW-00813/4/5	147.0	10.0%	161.7	£ 356.34	2.0	£ 115,239.31
								No Service	Telec - THUS	ULE90130-01-UTH-00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
								No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
								No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	1.0	£ -
								No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	1.0	£ -
1A / 1	1	1A	23	1A	1AWSE004	1AWSI004/001	N/A		Power	ULE90130-01-USP-00212/3	105.0	15.0%	120.8	£ 389.18	1.5	£ 70,489.36
								No Service	Gas	ULE90130-01-UGS-00	0.0		0.0	£ -	1.0	£ -
									Water-Clean	ULE90130-01-UCL-00212/3	117.0	30.0%	152.1	£ 340.19	1.5	£ 77,614.26
								No Service	Water-Foul	ULE90130-01-UFL-00	0.0		0.0	£ -	1.0	£ -
									Telec - BT	ULE90130-01-UBT-00212/3	22.0	5.0%	23.1	£ 356.34	1.5	£ 12,347.07
								No Service	Telec - TW	ULE90130-01-UTE-00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - C&W	ULE90130-01-UCW-00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - THUS	ULE90130-01-UTH-00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
								No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
								No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	1.0	£ -
								No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	1.0	£ -
1A / 1	1	1A	23	1A	1AWSE004	1AWSI004/002	N/A	No Service	Power	ULE90130-01-USP-00	0.0		0.0	£ -	1.0	£ -
								No Service	Gas	ULE90130-01-UGS-00	0.0		0.0	£ -	1.0	£ -
								No Service	Water-Clean	ULE90130-01-UCL-00	0.0		0.0	£ -	1.0	£ -
								No Service	Water-Foul	ULE90130-01-UFL-00	0.0		0.0	£ -	1.0	£ -
									Telec - BT	ULE90130-01-UBT-00111/2	120.0	5.0%	126.0	£ 356.34	1.5	£ 67,347.65
								No Service	Telec - TW	ULE90130-01-UTE-00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - C&W	ULE90130-01-UCW-00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - THUS	ULE90130-01-UTH-00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
								No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
								No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	1.0	£ -
								No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	1.0	£ -
1A / 1	1	1A	23	1A	1AWSE005	1AWSI005/001	N/A		Power	ULE90130-01-USP-00209/10	34.0		34.0	£ 389.18	1.5	£ 19,847.93
									Gas	ULE90130-01-UGS-00109/10	20.0	12.5%	22.5	£ 877.76	1.5	£ 29,624.27
									Water-Clean	ULE90130-01-UCL-00009	12.0		12.0	£ 340.19	1.5	£ 6,123.41
								No Service	Water-Foul	ULE90130-01-UFL-000	0.0		0.0	£ -	1.0	£ -
									Telec - BT	ULE90130-01-UBT-00010/11	141.0	5.0%	148.1	£ 356.34	1.5	£ 79,133.48
									Telec - TW	ULE90130-01-UTE-00709/710	60.0	5.0%	63.0	£ 356.34	1.5	£ 33,673.82
								No Service	Telec - C&W	ULE90130-01-UCW-00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - THUS	ULE90130-01-UTH-00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
								No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
								No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	1.0	£ -
								No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	1.0	£ -
1A / 1	1	1A	23	1A	1AWSE005	1AWSI005/002	N/A		Power	ULE90130-01-USP-00207/8/9	231.0	7.5%	248.3	£ 389.18	2.0	£ 193,283.86
									Gas	ULE90130-01-UGS-00107/8	23.0	12.5%	25.9	£ 877.76	1.5	£ 34,067.91
									Water-Clean	ULE90130-01-UCL-00008	12.0		12.0	£ 340.19	1.5	£ 6,123.41
								No Service	Water-Foul	ULE90130-01-UFL-00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - BT	ULE90130-01-UBT-00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - TW	ULE90130-01-UTE-00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - C&W	ULE90130-01-UCW-00	0.0		0.0	£ -	1.0	£ -

ALFRED McALPINE INFRASTRUCTURE SERVICES (AMIS) - MULTI UTILITY DIVERSION FRAMEWORK AGREEMENT (MUDFA WORKSCOPE)

Tie PROJECT CODING & WBS				AMIS PROJECT WBS				WORKSCOPE DEFINITION			WORKSCOPE QUANTIFICATIONS					COSTS
Phase/Line	Sections	Sub-Sections	WBS	Sectors	Sections	Work Sites	Work Packs	Category	Utility	Drawing No's	UTL Lengths	Transverse Uplift %	Total Length	Rates	Factor	£'s
								No Service	Telec - THUS	ULE90130-01-UTH-00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
								No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
								No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	1.0	£ -
								No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	1.0	£ -
1A / 1	1	1A	24	1A	1AWSE006	1AWSI006/001	N/A		Power	ULE90130-01-USP-00206/7	252.0	7.5%	270.9	£ 389.18	1.5	£ 158,141.34
								No Service	Gas	ULE90130-01-UGS-00	0.0		0.0	£ -	1.0	£ -
									Water-Clean	ULE90130-01-UCL-00006/7	87.0		87.0	£ 340.19	1.5	£ 44,394.75
								No Service	Water-Foul	ULE90130-01-UFL-00	0.0		0.0	£ -	1.0	£ -
									Telec - BT	ULE90130-01-UBT-00007	34.5	5.0%	36.2	£ 356.34	1.5	£ 19,362.45
								No Service	Telec - TW	ULE90130-01-UTE-00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - C&W	ULE90130-01-UCW-00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - THUS	ULE90130-01-UTH-00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
								No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
								No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	1.0	£ -
								No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	1.0	£ -
1A / 1	1	1A	24	1A	1AWSE006	1AWSI006/002	N/A		Power	ULE90130-01-USP-00205/6	138.0	10.0%	151.8	£ 389.18	1.5	£ 88,615.19
									Gas	ULE90130-01-UGS-00006/7	14.0	12.5%	15.8	£ 877.76	1.5	£ 20,736.99
								No Service	Water-Clean	ULE90130-01-UCL-00	0.0		0.0	£ -	1.0	£ -
									Water-Foul	ULE90130-01-UFL-00006	14.0		14.0	£ 1,124.90	1.5	£ 23,622.84
								No Service	Telec - BT	ULE90130-01-UBT-00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - TW	ULE90130-01-UTE-00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - C&W	ULE90130-01-UCW-00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - THUS	ULE90130-01-UTH-00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
								No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
								No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	1.0	£ -
								No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	1.0	£ -
1A / 1	1	1A	24	1A	1AWSE007	1AWSI007/001	N/A		Power	ULE90130-01-USP-00203/4	166.0	7.6%	177.4	£ 389.18	2.0	£ 138,059.90
									Gas	ULE90130-01-UGS-00103/5	84.0		84.0	£ 877.76	1.5	£ 110,597.28
									Water-Clean	ULE90130-01-UCL-00004	31.5	15.0%	36.2	£ 340.19	1.5	£ 18,485.05
									Water-Foul	ULE90130-01-UFL-00004	25.0		25.0	£ 1,124.90	1.0	£ 28,122.43
									Telec - BT	ULE90130-01-UBT-00004	42.0	5.0%	44.1	£ 356.34	1.0	£ 15,714.45
								No Service	Telec - TW	ULE90130-01-UTE-00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - C&W	ULE90130-01-UCW-00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - THUS	ULE90130-01-UTH-00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
								No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
								No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	1.0	£ -
								No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	1.0	£ -
1A / 1	1	1A	24	1A	1AWSE007	1AWSI007/002	N/A		Power	ULE90130-01-USP-00203	79.5	7.6%	85.5	£ 389.18	1.5	£ 40,889.83
									Gas	ULE90130-01-UGS-00103	39.0		39.0	£ 877.76	1.5	£ 51,348.74
									Water-Clean	ULE90130-01-UCL-00003	31.5		31.5	£ 340.19	1.5	£ 16,073.96
									Water-Foul	ULE90130-01-UFL-00003	17.0	10.0%	18.7	£ 1,124.90	1.5	£ 31,553.37
								No Service	Telec - BT	ULE90130-01-UBT-00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - TW	ULE90130-01-UTE-00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - C&W	ULE90130-01-UCW-00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - THUS	ULE90130-01-UTH-00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
								No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
								No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	1.0	£ -
								No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	1.0	£ -
1A / 1	1	1A	24	1A	1AWSE007	1AWSI007/003	N/A		Power	ULE90130-01-USP-00202	111.0	5.0%	116.6	£ 389.18	1.5	£ 68,037.55



ALFRED McALPINE INFRASTRUCTURE SERVICES (AMIS) - MULTI UTILITY DIVERSION FRAMEWORK AGREEMENT (MUDFA WORKSCOPE)

11e PROJECT CODING & WBS				AMIS PROJECT WBS				WORKSCOPE DEFINITION			WORKSCOPE QUANTIFICATIONS					COSTS
Phase/Line	Sections	Sub-Sections	WBS	Sectors	Sections	Work Sites	Work Packs	Category	Utility	Drawing No's	UTL Lengths	Transverse Uplift %	Total Length	Rates	Factor	£'s
								No Service	Gas	ULE90130-01-UGS-00	0.0		0.0	£ -	1.0	£ -
									Water-Clean	ULE90130-01-UCL-00	67.5		67.5	£ 340.19	1.5	£ 34,444.20
								No Service	Water-Foul	ULE90130-01-UFL-00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - BT	ULE90130-01-UBT-00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - TW	ULE90130-01-UTE-00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - C&W	ULE90130-01-UCW-00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - THUS	ULE90130-01-UTH-00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
								No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
								No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	1.0	£ -
								No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	1.0	£ -
1A / 1	1	1A	24	1A	1AWSE008	1AWSI008/001	N/A		Power	ULE90130-01-USP-00201/2	160.5	7.5%	172.5	£ 389.18	2.0	£ 134,294.63
								No Service	Gas	ULE90130-01-UGS-00	0.0		0.0	£ -	1.0	£ -
									Water-Clean	ULE90130-01-UCL-00001/2	144.0		144.0	£ 340.19	1.5	£ 73,480.96
									Water-Foul	ULE90130-01-UFL-00001/2	63.0	10.0%	69.3	£ 1,124.90	1.5	£ 116,933.08
								No Service	Telec - BT	ULE90130-01-UBT-00001	12.0	10.0%	13.2	£ 356.34	1.0	£ 4,703.65
								No Service	Telec - TW	ULE90130-01-UTE-00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - C&W	ULE90130-01-UCW-00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - THUS	ULE90130-01-UTH-00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
								No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	1.0	£ -
								No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	1.0	£ -
								No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	1.0	£ -
<b>MUDFA Section 1A Total =</b>															<b>£ 6,869,171.01</b>	

Utility Descriptions	Quantity	Units
Power	2,521	Metres
Gas	1,241	Metres
Water-Clean	2,089	Metres
Water-Foul/GP	744	Metres
Telec - BT	1,607	Metres
Telec - TW	238	Metres
Telec - C&W	171	Metres
Telec - THUS	276	Metres
Telec - EasyN	0	Metres
Telec - NTL	0	Metres
Lighting	0	Metres
Surface Water	0	Metres
Others	0	Metres
	<b>6,888</b>	

ALFRED McALPINE INFRASTRUCTURE SERVICES (AMIS) - MULTI UTILITY DIVERSION FRAMEWORK AGREEMENT (MUDFA WORKSCOPE)

The PROJECT CODING & WBS				AMIS PROJECT WBS				WORKSCOPE DEFINITION			WORKSCOPE QUANTIFICATIONS					COSTS
Phase/Line	Sections	Sub-Sections	WBS	Sectors	Sections	Work Sites	Work Packs	Category	Utility	Drawing No's	UTL Lengths	Transverse Uplift %	Total Length	Rates	Factor	£'s
1A / 1	1	1B	1B	1B	1BWSE001	1BWSI001/001	N/A		Power	ULE90130-01-USP-00031	165.0	15.0%	189.8	£ 389.18	2.0	£ 147,891.99
									Gas	ULE90130-01-UGS-00131	15.0		15.0	£ 877.76	2.0	£ 26,332.69
									Water-Clean	ULE90130-01-UCL-00331	153.0	30.0%	198.9	£ 340.19	2.0	£ 135,327.43
									Water-Foul	ULE90130-01-UFL-00431	0.0		0.0	£ -	0.0	£ -
									Telec - BT	ULE90130-01-UBT-00531	112.5	10.0%	123.8	£ 356.34	2.0	£ 88,193.35
									Telec - TW	ULE90130-01-UTE-00731	0.0		0.0	£ -	0.0	£ -
									Telec - C&W	ULE90130-01-UCW-00831	0.0		0.0	£ -	0.0	£ -
									Telec - THUS	ULE90130-01-UTH-00036	72.0	10.0%	79.2	£ 356.34	2.0	£ 56,443.74
									Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
									Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
									Lighting	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
									Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	0.0	£ -
									Others	ULE90130-01-UTL-00	0.0		0.0	£ -	0.0	£ -
								1A / 1	1	1B	1B	1B	1BWSE001	1BWSI001/002	N/A	
	Gas	ULE90130-01-UGS-00129 to 030	7.0	50.0%	10.5	£ 877.76	2.0									£ 18,432.86
	Water-Clean	ULE90130-01-UCL-00129 to 131	357.0	30.0%	464.1	£ 340.19	2.0									£ 315,764.01
	Water-Foul	ULE90130-01-UFL-00429 to 431	6.0		6.0	£ 1,124.90	2.0									£ 13,498.77
	Telec - BT	ULE90130-01-UBT-00529 to 531	315.0	10.0%	346.5	£ 356.34	2.0									£ 246,941.37
	Telec - TW	ULE90130-01-UTE-00729 to 731	8.0	5.0%	8.4	£ 356.34	2.0									£ 5,986.46
	Telec - C&W	ULE90130-01-UCW-00829 to 831	0.0		0.0	£ -	0.0									£ -
	Telec - THUS	ULE90130-01-UTH-00031 to 036	0.0		0.0	£ -	0.0									£ -
	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	0.0									£ -
	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	0.0									£ -
	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	0.0									£ -
	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	0.0									£ -
	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	0.0									£ -
1A / 1	1	1B	1B	1B	1BWSE001	1BWSI001/003	N/A									
									Gas	ULE90130-01-UGS-00128/9	12.0	20.0%	14.4	£ 877.76	2.0	£ 25,279.38
									Water-Clean	ULE90130-01-UCL-00328/9	189.0	30.0%	245.7	£ 340.19	2.0	£ 167,169.18
									Water-Foul	ULE90130-01-UFL-00428/9	0.0		0.0	£ -	0.0	£ -
									Telec - BT	ULE90130-01-UBT-00028/9	124.5	5.0%	130.7	£ 356.34	2.0	£ 93,164.24
									Telec - TW	ULE90130-01-UTE-00728/9	0.0		0.0	£ -	0.0	£ -
									Telec - C&W	ULE90130-01-UCW-00028/9	0.0		0.0	£ -	0.0	£ -
									Telec - THUS	ULE90130-01-UTH-00	0.0		0.0	£ -	0.0	£ -
									Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
									Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
									Lighting	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
									Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	0.0	£ -
									Others	ULE90130-01-UTL-00	0.0		0.0	£ -	0.0	£ -
								1A / 1	1	1B	1B	1B	1BWSE001	1BWSI001/004	N/A	
	Gas	ULE90130-01-UGS-00127/8	0.0		0.0	£ -	0.0									£ -
	Water-Clean	ULE90130-01-UCL-00327/8	279.0	30.0%	362.7	£ 340.19	2.0									£ 246,773.55
	Water-Foul	ULE90130-01-UFL-00427/8	0.0		0.0	£ -	0.0									£ -
	Telec - BT	ULE90130-01-UBT-00527/8	168.0	10.0%	184.8	£ 356.34	2.0									£ 131,702.06
	Telec - TW	ULE90130-01-UTE-00727/8	6.0		6.0	£ 356.34	2.0									£ 4,276.04
	Telec - C&W	ULE90130-01-UCW-00827/8	0.0		0.0	£ -	0.0									£ -
	Telec - THUS	ULE90130-01-UTH-00627/8	0.0		0.0	£ -	0.0									£ -
	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	0.0									£ -
	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	0.0									£ -
	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	0.0									£ -
	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	0.0									£ -
	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	0.0									£ -
1A / 1	1	1B	1B	1B	1BWSE002	1BWSI002/001	N/A									
									Gas	ULE90130-01-UGS-00126/7	12.0		12.0	£ 877.76	2.0	£ 21,066.15
									Water-Clean	ULE90130-01-UCL-00326/7	132.0	30.0%	171.6	£ 340.19	2.0	£ 116,753.08
									Water-Foul	ULE90130-01-UFL-00426/7	0.0		0.0	£ -	0.0	£ -
									Telec - BT	ULE90130-01-UBT-00626/7	217.5	5.0%	228.4	£ 356.34	2.0	£ 162,756.81
									Telec - TW	ULE90130-01-UTE-00726/7	0.0		0.0	£ -	0.0	£ -
									Telec - C&W	ULE90130-01-UCW-00826/7	0.0		0.0	£ -	0.0	£ -
	Telec - THUS	ULE90130-01-UTH-00030 to 032	0.0		0.0	£ -	0.0	£ -								

ALFRED McALPINE INFRASTRUCTURE SERVICES (AMIS) - MULTI UTILITY DIVERSION FRAMEWORK AGREEMENT (MUDFA WORKSCOPE)

The PROJECT CODING & WBS				AMIS PROJECT WBS				WORKSCOPE DEFINITION			WORKSCOPE QUANTIFICATIONS					COSTS
Phase/Line	Sections	Sub-Sections	WBS	Sectors	Sections	Work Sites	Work Packs	Category	Utility	Drawing No's	UTL Lengths	Transverse Uplift %	Total Length	Rates	Factor	£'s
								No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	0.0	£ -
1A / 1	1	1B	20	1B	1BWSE002	1BWS1002/002	N/A		Power	ULE90130-01-USP-00025/6	8.0	5.0%	8.4	£ 389.18	2.0	£ 6,538.14
									Gas	ULE90130-01-UGS-00125/6	34.5		34.5	£ 877.76	2.0	£ 60,565.18
									Water-Clean	ULE90130-01-UCL-00325/6	81.0	30.0%	105.3	£ 340.19	2.0	£ 71,643.94
								No Service	Water-Foul	ULE90130-01-UFL-00425/6	0.0		0.0	£ -	0.0	£ -
									Telec - BT	ULE90130-01-UBT-00525/6	280.5	5.0%	294.5	£ 356.34	2.0	£ 209,900.16
								No Service	Telec - TW	ULE90130-01-UTE-00725/6	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - C&W	ULE90130-01-UCW-00825/6	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - THUS	ULE90130-01-UTH-00028 to 030	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	0.0	£ -
1A / 1	1	1B	20	1B	1BWSE003	1BWS1003/001	N/A		Power	ULE90130-01-USP-00024/5	9.0	5.0%	9.5	£ 389.18	2.0	£ 7,355.41
									Gas	ULE90130-01-UGS-00124/5	126.0	20.0%	151.2	£ 877.76	2.0	£ 285,433.48
									Water-Clean	ULE90130-01-UCL-00324/5	88.5	30.0%	115.1	£ 340.19	2.0	£ 78,277.63
								No Service	Water-Foul	ULE90130-01-UFL-00424/5	0.0		0.0	£ -	0.0	£ -
									Telec - BT	ULE90130-01-UBT-00523/4	283.5	10.0%	311.9	£ 356.34	2.0	£ 222,247.23
								No Service	Telec - TW	ULE90130-01-UTE-00724/5	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - C&W	ULE90130-01-UCW-00824/5	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - THUS	ULE90130-01-UTH-00027/8	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	0.0	£ -
1A / 1	1	1B	20	1B	1BWSE003	1BWS1003/002	N/A		Power	ULE90130-01-USP-00023/4	18.0	5.0%	18.9	£ 389.18	2.0	£ 14,710.82
									Gas	ULE90130-01-UGS-00123/4	192.0	5.0%	201.6	£ 877.76	2.0	£ 353,911.31
									Water-Clean	ULE90130-01-UCL-00323/4	186.0	30.0%	241.8	£ 340.19	2.0	£ 164,515.70
								No Service	Water-Foul	ULE90130-01-UFL-00423/4	0.0		0.0	£ -	0.0	£ -
									Telec - BT	ULE90130-01-UBT-00523/4	313.5	10.0%	344.9	£ 356.34	2.0	£ 245,765.46
								No Service	Telec - TW	ULE90130-01-UTE-00723/4	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - C&W	ULE90130-01-UCW-00823/4	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - THUS	ULE90130-01-UTH-00026/7	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	0.0	£ -
1A / 1	1	1B	20	1B	1BWSE003	1BWS1003/003	N/A		Power	ULE90130-01-USP-00023	10.0	5.0%	10.5	£ 389.18	2.0	£ 8,172.68
									Gas	ULE90130-01-UGS-00123	69.0	20.0%	82.8	£ 877.76	2.0	£ 145,356.43
									Water-Clean	ULE90130-01-UCL-00323	95.0	30.0%	123.5	£ 340.19	2.0	£ 84,026.84
								No Service	Water-Foul	ULE90130-01-UFL-00	0.0		0.0	£ -	0.0	£ -
									Telec - BT	ULE90130-01-UBT-00523	152.0	10.0%	167.2	£ 356.34	2.0	£ 119,159.01
									Telec - TW	ULE90130-01-UTE-00723	7.0	5.0%	7.4	£ 356.34	2.0	£ 5,238.15
								No Service	Telec - C&W	ULE90130-01-UCW-00823	0.0		0.0	£ -	0.0	£ -
									Telec - THUS	ULE90130-01-UTH-00026	6.0	10.0%	6.6	£ 356.34	2.0	£ 4,703.65
								No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	0.0	£ -
1A / 1	1	1B	20	1B	1BWSE003	1BWS1003/004	N/A		Power	ULE90130-01-USP-00023/4	11.0	10.0%	12.1	£ 389.18	2.0	£ 9,418.04
									Gas	ULE90130-01-UGS-00122/3	46.5		46.5	£ 877.76	2.0	£ 81,631.33
									Water-Clean	ULE90130-01-UCL-00322/3	111.0	30.0%	144.3	£ 340.19	2.0	£ 98,178.73
								No Service	Water-Foul	ULE90130-01-UFL-00422/2/3	0.0		0.0	£ -	0.0	£ -

ALFRED McALPINE INFRASTRUCTURE SERVICES (AMIS) - MULTI UTILITY DIVERSION FRAMEWORK AGREEMENT (MUDFA WORKSCOPE)

Tie PROJECT CODING & WBS				AMIS PROJECT WBS				WORKSCOPE DEFINITION			WORKSCOPE QUANTIFICATIONS					COSTS
Phase/Line	Sections	Sub-Sections	WBS	Sectors	Sections	Work Sites	Work Packs	Category	Utility	Drawing No's	UTL Lengths	Transverse Uplift %	Total Length	Rates	Factor	£'s
									Telec - BT	ULE90130-01-UBT-00522/3	174.0	10.0%	191.4	£ 356.34	2.0	£ 136,405.71
									Telec - TW	ULE90130-01-UTE-00722/3	7.0	5.0%	7.4	£ 356.34	2.0	£ 5,238.15
								No Service	Telec - C&W	ULE90130-01-UCW-00822/3	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - THUS	ULE90130-01-UTH-00025/6	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	0.0	£ -
1A / 1	1	1B	21	1B	1BWSE003	1BWSI003/005	N/A		Power	ULE90130-01-USP-00022	51.0	15.0%	58.7	£ 389.18	2.0	£ 45,650.25
									Gas	ULE90130-01-UGS-00122	67.5		67.5	£ 877.76	2.0	£ 118,497.09
									Water-Clean	ULE90130-01-UCL-00322	78.0	30.0%	101.4	£ 340.19	2.0	£ 68,990.46
								No Service	Water-Foul	ULE90130-01-UFL-00	0.0		0.0	£ -	0.0	£ -
									Telec - BT	ULE90130-01-UBT-00522	84.0		84.0	£ 356.34	2.0	£ 59,864.57
								No Service	Telec - TW	ULE90130-01-UTE-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - C&W	ULE90130-01-UCW-00822	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - THUS	ULE90130-01-UTH-00025	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	0.0	£ -
<b>MUDFA Section 1B Total =</b>															<b>£ 5,071,686.16</b>	

Utility Descriptions	Quantity	Units
Power	766	Metres
Gas	636	Metres
Water-Clean	2,274	Metres
Water-Foul/GP	6	Metres
Telec - BT	2,408	Metres
Telec - TW	29	Metres
Telec - C&W	0	Metres
Telec - THUS	86	Metres
Telec - EasyN	0	Metres
Telec - NTL	0	Metres
Lighting	0	Metres
Surface Water	0	Metres
Others	0	Metres
	<b>6,205</b>	

ALFRED McALPINE INFRASTRUCTURE SERVICES (AMIS) - MULTI UTILITY DIVERSION FRAMEWORK AGREEMENT (MUDFA WORKSCOPE)

11b PROJECT CODING & WBS				AMIS PROJECT WBS				WORKSCOPE DEFINITION			WORKSCOPE QUANTIFICATIONS					COSTS
Phase/Line	Sections	Sub-Sections	WBS	Sectors	Sections	Work Sites	Work Packs	Category	Utility	Drawing No's	UTL Lengths	Transverse Uplift %	Total Length	Rates	Factor	£'s
1A/1	1	1C	16	1C	1CWSE001	1CWSI001/001	N/A		Power	ULE90130-01-USP-00046 to 048	33.0	10%	36.3	£ 389.18	2.0	£ 28,254.12
								No Service	Gas	ULE90130-01-UGS-00	0.0		0.0	£ -	0.0	£ -
									Water-Clean	ULE90130-01-UCL-00055/7	198.0		198.0	£ 340.19	2.0	£ 134,715.09
									Water-Foul	ULE90130-01-UFL-00056 to 058	171.0		171.0	£ 1,124.90	2.0	£ 384,714.90
									Telec - BT	ULE90130-01-UBT-00047	21.0	5%	22.1	£ 356.34	2.0	£ 15,714.45
								No Service	Telec - TV	ULE90130-01-UTE-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - C&W	ULE90130-01-UCW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - THUS	ULE90130-01-UTH-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	0.0	£ -
1A/1	1	1C	16	1C	1CWSE002	1CWSI002/001	N/A		Power	ULE90130-01-USP-00046 to 048	24.0	10%	26.4	£ 389.18	2.0	£ 20,548.45
									Gas	ULE90130-01-UGS-00146	24.0	50%	36.0	£ 877.76	2.0	£ 63,198.45
								No Service	Water-Clean	ULE90130-01-UCL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Water-Foul	ULE90130-01-UFL-00	0.0		0.0	£ -	0.0	£ -
									Telec - BT	ULE90130-01-UBT-00046	42.0	5%	44.1	£ 877.76	2.0	£ 77,418.10
									Telec - TV	ULE90130-01-UTE-00747	12.0	5%	12.6	£ 877.76	2.0	£ 22,119.46
								No Service	Telec - C&W	ULE90130-01-UCW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - THUS	ULE90130-01-UTH-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	0.0	£ -
1A/1	1	1C	16	1C	1CWSE002	1CWSI002/002	N/A		Power	ULE90130-01-USP-00044/5	65.0	10%	71.5	£ 389.18	2.0	£ 55,652.05
									Gas	ULE90130-01-UGS-00144	47.0	20%	56.4	£ 877.76	1.5	£ 74,258.18
								No Service	Water-Clean	ULE90130-01-UCL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Water-Foul	ULE90130-01-UFL-00	0.0		0.0	£ -	0.0	£ -
									Telec - BT	ULE90130-01-UBT-00044	25.0	5%	26.3	£ 356.34	2.0	£ 18,707.68
									Telec - TV	ULE90130-01-UTE-00744	36.0	5%	37.8	£ 356.34	2.0	£ 26,938.05
								No Service	Telec - C&W	ULE90130-01-UCW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - THUS	ULE90130-01-UTH-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	0.0	£ -
1A/1	1	1C	16	1C	1CWSE002	1CWSI002/003	N/A	No Service	Power	ULE90130-01-USP-00	0.0		0.0	£ -	0.0	£ -
									Gas	ULE90130-01-UGS-00141	12.0	50%	18.0	£ 877.76	1.5	£ 23,699.42
								No Service	Water-Clean	ULE90130-01-UCL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Water-Foul	ULE90130-01-UFL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - BT	ULE90130-01-UBT-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - TV	ULE90130-01-UTE-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - C&W	ULE90130-01-UCW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - THUS	ULE90130-01-UTH-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	0.0	£ -
1A/1	1	1C	16	1C	1CWSE002	1CWSI002/004	N/A		Power	ULE90130-01-USP-00041	23.0	10%	25.3	£ 389.18	2.0	£ 19,692.26
									Gas	ULE90130-01-UGS-00141	42.0	20%	50.4	£ 877.76	2.0	£ 88,477.83
								No Service	Water-Clean	ULE90130-01-UCL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Water-Foul	ULE90130-01-UFL-00	0.0		0.0	£ -	0.0	£ -
									Telec - BT	ULE90130-01-UBT-00041	34.0	5%	35.7	£ 356.34	2.0	£ 25,442.44
									Telec - TV	ULE90130-01-UTE-00741	12.0	5%	12.6	£ 356.34	2.0	£ 8,979.69
								No Service	Telec - C&W	ULE90130-01-UCW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - THUS	ULE90130-01-UTH-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	0.0	£ -

ALFRED McALPINE INFRASTRUCTURE SERVICES (AMIS) - MULTI UTILITY DIVERSION FRAMEWORK AGREEMENT (MUDFA WORKSCOPE)

PROJECT CODING & WBS				AMIS PROJECT WBS				WORKSCOPE DEFINITION			WORKSCOPE QUANTIFICATIONS				COSTS	
Phase/Line	Sections	Sub-Sections	WBS	Sections	Sections	Work Sites	Work Packs	Category	Utility	Drawing No's	UTL Lengths	Transverse Uplift %	Total Length	Rates	Factor	£'s
1A/1	1	1C	16	1C	1CWSE003	1CWSI003/001	N/A	No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	0.0	£ -
									Power	ULE90130-01-USP-00041	23.0	10%	25.3	£ 389.18	2.0	£ 19,692.26
									Gas	ULE90130-01-UGS-00141	17.0	13%	19.1	£ 877.76	1.5	£ 25,180.63
								No Service	Water-Clean	ULE90130-01-UCL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Water-Foul	ULE90130-01-UFL-00	0.0		0.0	£ -	0.0	£ -
									Telec - BT	ULE90130-01-UBT-00040/1	117.0	5%	122.9	£ 356.34	2.0	£ 87,551.94
									Telec - TW	ULE90130-01-UTE-00040/1	23.0	5%	24.2	£ 356.34	2.0	£ 17,211.07
									Telec - C&W	ULE90130-01-UCW-00	18.0	5%	18.9	£ 356.34	2.0	£ 13,668.53
								No Service	Telec - THUS	ULE90130-01-UTH-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	0.0	£ -
								1A/1	1	1C	16	1C	1CWSE003	1CWSI003/002	N/A	No Service
	Power	ULE90130-01-USP-00	0.0		0.0	£ -	0.0									£ -
	Gas	ULE90130-01-UGS-00	0.0		0.0	£ -	0.0									£ -
No Service	Water-Clean	ULE90130-01-UCL-00	0.0		0.0	£ -	0.0									£ -
No Service	Water-Foul	ULE90130-01-UFL-00	0.0		0.0	£ -	0.0									£ -
	Telec - BT	ULE90130-01-UBT-00	0.0		0.0	£ -	0.0									£ -
	Telec - TW	ULE90130-01-UTE-00	0.0		0.0	£ -	0.0									£ -
	Telec - C&W	ULE90130-01-UCW-00840	42.0	5%	44.1	£ 356.34	2.0									£ 31,428.90
No Service	Telec - THUS	ULE90130-01-UTH-00	0.0		0.0	£ -	0.0									£ -
No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	0.0									£ -
No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	0.0									£ -
No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	0.0									£ -
No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	0.0									£ -
No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	0.0									£ -
1A/1	1	1C	16	1C	1CWSE003	1CWSI003/003	N/A	No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	0.0	£ -
									Power	ULE90130-01-USP-00040	34.5	5%	36.2	£ 389.18	2.0	£ 28,195.74
									Gas	ULE90130-01-UGS-00140	9.0	50%	13.5	£ 877.76	2.0	£ 23,699.42
								No Service	Water-Clean	ULE90130-01-UCL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Water-Foul	ULE90130-01-UFL-00	0.0		0.0	£ -	0.0	£ -
									Telec - BT	ULE90130-01-UBT-00039/40	21.0	5%	22.1	£ 356.34	2.0	£ 15,714.45
									Telec - TW	ULE90130-01-UTE-00740	7.0	5%	7.4	£ 356.34	2.0	£ 5,238.15
									Telec - C&W	ULE90130-01-UCW-00639/840	55.5	5%	55.5	£ 356.34	2.0	£ 39,553.38
								No Service	Telec - THUS	ULE90130-01-UTH-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	0.0	£ -
1A/1	1	1C	16	1C	1CWSE003	1CWSI003/004	N/A	No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	0.0	£ -
									Power	ULE90130-01-USP-00039	81.0	5%	85.1	£ 389.18	2.0	£ 66,186.70
									Gas	ULE90130-01-UGS-00139	63.0	30%	81.9	£ 877.76	1.5	£ 107,832.35
								No Service	Water-Clean	ULE90130-01-UCL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Water-Foul	ULE90130-01-UFL-00	0.0		0.0	£ -	0.0	£ -
									Telec - BT	ULE90130-01-UBT-00039	69.0	5%	72.5	£ 356.34	2.0	£ 51,633.20
									Telec - TW	ULE90130-01-UTE-00739	15.0	5%	15.8	£ 356.34	2.0	£ 11,224.61
									Telec - C&W	ULE90130-01-UCW-00639	60.0	5%	63.0	£ 356.34	2.0	£ 44,888.43
								No Service	Telec - THUS	ULE90130-01-UTH-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	0.0	£ -
1A/1	1	1C	17	1C	1CWSE004	1CWSI004/001	N/A	No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	0.0	£ -
									Power	ULE90130-01-USP-00038	51.0	10%	56.1	£ 389.18	2.0	£ 43,665.46
									Gas	ULE90130-01-UGS-00138/9	115.5	10%	127.1	£ 877.76	2.0	£ 223,637.85
								No Service	Water-Clean	ULE90130-01-UCL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Water-Foul	ULE90130-01-UFL-00	0.0		0.0	£ -	0.0	£ -
									Telec - BT	ULE90130-01-UBT-00038	42.0	5%	42.0	£ 356.34	2.0	£ 29,932.29
									Telec - TW	ULE90130-01-UTE-00	0.0		0.0	£ -	0.0	£ -
									Telec - C&W	ULE90130-01-UCW-00838/9	132.0	5%	138.6	£ 356.34	2.0	£ 98,776.55
								No Service	Telec - THUS	ULE90130-01-UTH-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	0.0	£ -

ALFRED McALPINE INFRASTRUCTURE SERVICES (AMIS) - MULTI UTILITY DIVERSION FRAMEWORK AGREEMENT (MUDFA WORKSCOPE)

Tie PROJECT CODING & WBS				AMIS PROJECT WBS				WORKSCOPE DEFINITION			WORKSCOPE QUANTIFICATIONS					COSTS	
Phase/Line	Sections	Sub-Sections	WBS	Sections	Sections	Work Sites	Work Packs	Category	Utility	Drawing No's	UTL Lengths	Transverse Uplift %	Total Length	Rates	Factor	£'s	
1A / 1	1	1C	17	1C	1CWSE004	1CWSI004/002	N/A	No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	0.0	£ -	
									Power	ULE90130-01-USP-00038	9.0		9.0	£ 389.18	2.0	£ 7,005.15	
									Gas	ULE90130-01-UGS-00138	51.0	10%	56.1	£ 877.76	1.5	£ 73,863.19	
									No Service	Water-Clean	ULE90130-01-UCL-00	0.0		0.0	£ -	0.0	£ -
									No Service	Water-Foul	ULE90130-01-UFL-00	0.0		0.0	£ -	0.0	£ -
										Telec - BT	ULE90130-01-UBT-00036	22.5		22.5	£ 356.34	2.0	£ 16,035.15
									No Service	Telec - TW	ULE90130-01-UTE-00	0.0		0.0	£ -	0.0	£ -
										Telec - C&W	ULE90130-01-UCW-00838	49.5		49.5	£ 356.34	2.0	£ 35,277.34
									No Service	Telec - THUS	ULE90130-01-UTH-00	0.0		0.0	£ -	0.0	£ -
									No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
									No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
									No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								1A / 1	1	1C	17	1C	1CWSE004	1CWSI004/003	N/A	No Service	Others
	Power	ULE90130-01-USP-00037	12.0		12.0	£ 389.18	2.0									£ 9,340.20	
	Gas	ULE90130-01-UGS-00137	82.5	10%	90.8	£ 877.76	2.0									£ 159,312.75	
	No Service	Water-Clean	ULE90130-01-UCL-00	0.0		0.0	£ -									0.0	£ -
	No Service	Water-Foul	ULE90130-01-UFL-00	0.0		0.0	£ -									0.0	£ -
		Telec - BT	ULE90130-01-UBT-00037	115.5		115.5	£ 356.34									2.0	£ 62,313.79
	No Service	Telec - TW	ULE90130-01-UTE-00	0.0		0.0	£ -									0.0	£ -
		Telec - C&W	ULE90130-01-UCW-00837	84.0		84.0	£ 356.34									2.0	£ 59,864.57
	No Service	Telec - THUS	ULE90130-01-UTH-00	0.0		0.0	£ -									0.0	£ -
	No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -									0.0	£ -
	No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -									0.0	£ -
	No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -									0.0	£ -
1A / 1	1	1C	17	1C	1CWSE004	1CWSI004/004	N/A									No Service	Others
									Power	ULE90130-01-USP-00037	13.0	10%	14.3	£ 389.18	2.0	£ 11,130.41	
									Gas	ULE90130-01-UGS-00137	12.0	10%	13.2	£ 877.76	1.5	£ 17,379.57	
									No Service	Water-Clean	ULE90130-01-UCL-00	0.0		0.0	£ -	0.0	£ -
									No Service	Water-Foul	ULE90130-01-UFL-00	0.0		0.0	£ -	0.0	£ -
										Telec - BT	ULE90130-01-UBT-00037	51.0		51.0	£ 356.34	2.0	£ 36,346.35
									No Service	Telec - TW	ULE90130-01-UTE-00	0.0		0.0	£ -	0.0	£ -
										Telec - C&W	ULE90130-01-UCW-00837	25.0		25.0	£ 356.34	2.0	£ 17,816.64
									No Service	Telec - THUS	ULE90130-01-UTH-00	0.0		0.0	£ -	0.0	£ -
									No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
									No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
									No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								1A / 1	1	1C	18	1C	1CWSE005	1CWSI005/001	N/A	No Service	Others
	Power	ULE90130-01-USP-00035/6	132.0	10%	145.2	£ 389.18	2.0									£ 113,016.48	
	No Service	Gas	ULE90130-01-UGS-00	0.0		0.0	£ -									0.0	£ -
	No Service	Water-Clean	ULE90130-01-UCL-00	0.0		0.0	£ -									0.0	£ -
	No Service	Water-Foul	ULE90130-01-UFL-00	0.0		0.0	£ -									0.0	£ -
		Telec - BT	ULE90130-01-UBT-00035/6	27.0		27.0	£ 356.34									2.0	£ 19,242.18
		Telec - TW	ULE90130-01-UTE-00035/6	8.0		8.0	£ 356.34									2.0	£ 5,701.39
	No Service	Telec - C&W	ULE90130-01-UCW-00	0.0		0.0	£ -									0.0	£ -
	No Service	Telec - THUS	ULE90130-01-UTH-00	0.0		0.0	£ -									0.0	£ -
	No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -									0.0	£ -
	No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -									0.0	£ -
	No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -									0.0	£ -
1A / 1	1	1C	18	1C	1CWSE006	1CWSI006/001	N/A									No Service	Others
									Power	ULE90130-01-USP-00034/5	100.5	5%	105.5	£ 389.18	2.0	£ 82,135.43	
									Gas	ULE90130-01-UGS-00134	22.0	50%	33.0	£ 877.76	2.0	£ 57,931.91	
									No Service	Water-Clean	ULE90130-01-UCL-00	0.0		0.0	£ -	0.0	£ -
									No Service	Water-Foul	ULE90130-01-UFL-00	0.0		0.0	£ -	0.0	£ -
										Telec - BT	ULE90130-01-UBT-00035	129.0	5%	135.5	£ 356.34	2.0	£ 96,531.63
									No Service	Telec - TW	ULE90130-01-UTE-00	0.0		0.0	£ -	0.0	£ -
									No Service	Telec - C&W	ULE90130-01-UCW-00	0.0		0.0	£ -	0.0	£ -
									No Service	Telec - THUS	ULE90130-01-UTH-00	0.0		0.0	£ -	0.0	£ -
									No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
									No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
									No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
									No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	0.0	£ -

ALFRED McALPINE INFRASTRUCTURE SERVICES (AMIS) - MULTI UTILITY DIVERSION FRAMEWORK AGREEMENT (MUDFA WORKSCOPE)

Tie PROJECT CODING & WBS				AMIS PROJECT WBS				WORKSCOPE DEFINITION			WORKSCOPE QUANTIFICATIONS					COSTS
Phase/Line	Sections	Sub-Sections	WBS	Sectors	Sections	Work Sites	Work Packs	Category	Utility	Drawing No's	UTL Lengths	Transverse Uplift %	Total Length	Rates	Factor	£'s
1A / 1	1	1C	18	1C	1CWSE007	1CWSI007/001	N/A	No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	0.0	£ -
									Power	ULE90130-01-USP-00032/4	118.5		118.5	£ 389.18	2.0	£ 92,234.52
									Gas	ULE90130-01-UGS-00154	6.0		6.0	£ 877.76	1.5	£ 7,899.81
									Water-Clean	ULE90130-01-UCL-00	0.0		0.0	£ -	0.0	£ -
									Water-Foul	ULE90130-01-UFL-00	0.0		0.0	£ -	0.0	£ -
									Telec - BT	ULE90130-01-UBT-00	0.0		0.0	£ -	0.0	£ -
									Telec - TW	ULE90130-01-UTE-00	0.0		0.0	£ -	0.0	£ -
									Telec - C&W	ULE90130-01-UCW-00833	12.0		12.0	£ 356.34	2.0	£ 8,552.08
									Telec - THUS	ULE90130-01-UTH-00	0.0		0.0	£ -	0.0	£ -
									Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
									Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
									Lighting	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
									Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	0.0	£ -
									Others	ULE90130-01-UTL-00	0.0		0.0	£ -	0.0	£ -
1A / 1	1	1C	18	1C	1CWSE008	1CWSI008/001	N/A		Power	ULE90130-01-USP-00032/3	169.5		169.5	£ 389.18	2.0	£ 131,930.39
									Gas	ULE90130-01-UGS-00132/3	168.5	5%	168.5	£ 877.76	1.5	£ 221,885.80
									Water-Clean	ULE90130-01-UCL-00037	109.5		109.5	£ 340.19	2.0	£ 74,501.53
									Water-Foul	ULE90130-01-UFL-00	0.0		0.0	£ -	0.0	£ -
									Telec - BT	ULE90130-01-UBT-00	0.0		0.0	£ -	0.0	£ -
									Telec - TW	ULE90130-01-UTE-00	0.0		0.0	£ -	0.0	£ -
									Telec - C&W	ULE90130-01-UCW-00833	12.0		12.0	£ 356.34	2.0	£ 8,552.08
									Telec - THUS	ULE90130-01-UTH-00037/8	186.0		186.0	£ 356.34	2.0	£ 132,557.27
									Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
									Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
									Lighting	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
									Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	0.0	£ -
									Others	ULE90130-01-UTL-00	0.0		0.0	£ -	0.0	£ -
								<b>MUDFA Section 1C Total =</b>								

Utility Descriptions	Quantity	Units
Power	936	Metres
Gas	770	Metres
Water-Clean	308	Metres
Water-Foul/GP	171	Metres
Telec - BT	739	Metres
Telec - TW	116	Metres
Telec - C&W	503	Metres
Telec - THUS	186	Metres
Telec - EasyN	0	Metres
Telec - NTL	0	Metres
Lighting	0	Metres
Surface Water	0	Metres
Others	0	Metres
	<b>3,730</b>	



ALFRED McALPINE INFRASTRUCTURE SERVICES (AMIS) - MULTI UTILITY DIVERSION FRAMEWORK AGREEMENT (MUDFA WORKSCOPE)

THE PROJECT CODING & WBS				AMIS PROJECT WBS				WORKSCOPE DEFINITION			WORKSCOPE QUANTIFICATIONS					COSTS
Phase/Line	Sections	Sub-Sections	WBS	Sectors	Sections	Work Sites	Work Packs	Category	Utility	Drawing No's	UTL Lengths	Transverse Uplift %	Total Length	Rates	Factor	£'s
1A / 1	1	1D	14	1D	1DWSE001	1DWSI001/001	N / A		Power	ULE90130-01-USP-00058	48.0	15.0%	55.2	£ 389.18	2.0	£ 42,954.94
									Gas	ULE90130-01-UGS-00158	12.0	50.0%	18.0	£ 877.76	2.0	£ 31,599.22
									Water-Clean	ULE90130-01-UCL-00089	102.0	30.0%	132.6	£ 340.19	2.0	£ 90,218.29
								No Service	Water-Foul	ULE90130-01-UFL-00	0.0		0.0	£ -	0.0	£ -
									Telec - BT	ULE90130-01-UBT-00558	75.0	10.0%	82.5	£ 356.34	2.0	£ 58,795.56
								No Service	Telec - TVW	ULE90130-01-UTE-00	0.0		0.0	£ -	0.0	£ -
									Telec - C&W	ULE90130-01-UCW-00858	96.0	10.0%	105.6	£ 356.34	2.0	£ 75,259.32
								No Service	Telec - THUS	ULE90130-01-UTH-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	0.0	£ -
1A / 1	1	1D	14	1D	1DWSE001	1DWSI001/002	WP 001		Power	ULE90130-01-USP-00058/7	59.0	15.0%	79.4	£ 389.18	2.0	£ 61,762.10
								No Service	Gas	ULE90130-01-UGS-00	0.0		0.0	£ -	0.0	£ -
									Water-Clean	ULE90130-01-UCL-00068/69	60.0	30.0%	78.0	£ 340.19	2.0	£ 53,069.58
									Water-Foul	ULE90130-01-UFL-00458	12.0	10.0%	13.2	£ 1,124.90	2.0	£ 29,697.29
									Telec - BT	ULE90130-01-UBT-00458	70.5	10.0%	77.5	£ 356.34	2.0	£ 55,267.83
								No Service	Telec - TVW	ULE90130-01-UTE-00	0.0		0.0	£ -	0.0	£ -
									Telec - C&W	ULE90130-01-UCW-00857/8	76.5	10.0%	84.2	£ 356.34	2.0	£ 59,971.40
								No Service	Telec - THUS	ULE90130-01-UTH-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	0.0	£ -
1A / 1	1	1D	14	1D	1DWSE001	1DWSI001/003	WP 002		Power	ULE90130-01-USP-00057	28.0	10.0%	30.8	£ 389.18	2.0	£ 23,973.19
									Gas	ULE90130-01-UGS-00156/7	99.0	50.0%	148.5	£ 877.76	2.0	£ 260,693.60
									Water-Clean	ULE90130-01-UCL-00067/8	85.5		85.5	£ 340.19	2.0	£ 58,172.43
									Water-Foul	ULE90130-01-UFL-00457	22.5	10.0%	24.8	£ 1,124.90	2.0	£ 55,682.42
									Telec - BT	ULE90130-01-UBT-00556/7	34.5	5.0%	36.2	£ 356.34	2.0	£ 25,816.60
									Telec - TVW	ULE90130-01-UTE-00056/756	48.0	5.0%	50.4	£ 356.34	2.0	£ 35,918.74
								No Service	Telec - C&W	ULE90130-01-UCW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - THUS	ULE90130-01-UTH-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	0.0	£ -
1A / 1	1	1D	14	1D	1DWSE001	1DWSI001/004	WP 003		Power	ULE90130-01-USP-00056	96.0	15.0%	110.4	£ 389.18	2.0	£ 85,929.08
									Gas	ULE90130-01-UGS-00156	168.0	10.0%	184.8	£ 877.76	2.0	£ 324,418.70
									Water-Clean	ULE90130-01-UCL-00067	64.5	30.0%	83.9	£ 340.19	2.0	£ 57,049.80
								No Service	Water-Foul	ULE90130-01-UFL-00	0.0		0.0	£ -	0.0	£ -
									Telec - BT	ULE90130-01-UBT-00556	100.5	10.0%	110.6	£ 356.34	2.0	£ 78,796.06
									Telec - TVW	ULE90130-01-UTE-00056	81.0	10.0%	89.1	£ 356.34	2.0	£ 63,499.21
									Telec - C&W	ULE90130-01-UCW-00856	63.0	10.0%	69.3	£ 356.34	2.0	£ 49,388.27
								No Service	Telec - THUS	ULE90130-01-UTH-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	0.0	£ -
1A / 1	1	1D	14	1D	1DWSE001	1DWSI001/005	N/A		Power	ULE90130-01-USP-00055/6	48.0	10.0%	52.8	£ 389.18	2.0	£ 41,098.90
									Gas	ULE90130-01-UGS-00155/6	102.0	5.0%	107.1	£ 877.76	2.0	£ 188,015.38
								No Service	Water-Clean	ULE90130-01-UCL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Water-Foul	ULE90130-01-UFL-00	0.0		0.0	£ -	0.0	£ -
									Telec - BT	ULE90130-01-UBT-00556	27.0	5.0%	28.4	£ -	2.0	£ -
									Telec - TVW	ULE90130-01-UTE-00056/756	45.0	5.0%	47.3	£ 356.34	2.0	£ 33,673.62
									Telec - C&W	ULE90130-01-UCW-00856	51.0	5.0%	53.6	£ 356.34	2.0	£ 38,163.67
									Telec - THUS	ULE90130-01-UTH-00067	69.0	5.0%	72.5	£ 356.34	2.0	£ 51,633.20
								No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	0.0	£ -
1A / 1	1	1D	14	1D	1DWSE002	1DWSI002/001	N/A		Power	ULE90130-01-USP-00054	33.0	5.0%	34.7	£ 389.18	2.0	£ 26,969.84
									Gas	ULE90130-01-UGS-00154/5	165.0	5.0%	173.3	£ 877.76	2.0	£ 304,142.53
									Water-Clean	ULE90130-01-UCL-00064/5	140.0		140.0	£ 340.19	2.0	£ 95,253.10

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THE PROJECT CODING & WBS				AMIS PROJECT WBS				WORKSCOPE DEFINITION			WORKSCOPE QUANTIFICATIONS					COSTS
Phase/Line	Sections	Sub-Sections	WBS	Sections	Sections	Work Sites	Work Packs	Category	Utility	Drawing No's	UTL Lengths	Transverse Uplift %	Total Length	Rates	Factor	£'s
								No Service	Water-Foul	ULE90130-01-UFL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - BT	ULE90130-01-UBT-00554/5	186.0	5.0%	195.3	£ 356.34	2.0	£ 139,185.13
								No Service	Telec - TW	ULE90130-01-UTE-00754	12.0	5.0%	12.6	£ 356.34	2.0	£ 8,979.69
								No Service	Telec - C&W	ULE90130-01-UCW-00854/5	96.0	5.0%	100.8	£ 356.34	2.0	£ 71,837.49
								No Service	Telec - THUS	ULE90130-01-UTH-00064	32.0	5.0%	33.6	£ 356.34	2.0	£ 23,945.83
								No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	0.0	£ -
1A / 1	1	1D	15	1D	1DWSE003	1DWSI003/001	N/A	No Service	Power	ULE90130-01-USP-00053	12.0	5.0%	12.6	£ 389.18	2.0	£ 9,807.21
								No Service	Gas	ULE90130-01-UGS-00153	10.0	20.0%	12.0	£ 877.75	2.0	£ 21,066.15
								No Service	Water-Clean	ULE90130-01-UCL-00063	134.0		134.0	£ 340.19	2.0	£ 91,170.62
								No Service	Water-Foul	ULE90130-01-UFL-00453	11.0	10.0%	12.1	£ 1,124.90	2.0	£ 27,222.52
								No Service	Telec - BT	ULE90130-01-UBT-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - TW	ULE90130-01-UTE-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - C&W	ULE90130-01-UCW-00853	56.0	5.0%	58.8	£ 356.34	2.0	£ 41,905.20
								No Service	Telec - THUS	ULE90130-01-UTH-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	0.0	£ -
1A / 1	1	1D	15	1D	1DWSE003	1DWSI003/002	N/A	No Service	Power	ULE90130-01-USP-00052/3	22.0	5.0%	23.1	£ 389.18	2.0	£ 17,979.89
								No Service	Gas	ULE90130-01-UGS-00	0.0		0.0	£ -	0.0	£ -
								No Service	Water-Clean	ULE90130-01-UCL-00	190.0		190.0	£ 340.19	2.0	£ 122,468.27
								No Service	Water-Foul	ULE90130-01-UFL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - BT	ULE90130-01-UBT-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - TW	ULE90130-01-UTE-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - C&W	ULE90130-01-UCW-00	69.0	5.0%	72.5	£ 356.34	2.0	£ 51,633.20
								No Service	Telec - THUS	ULE90130-01-UTH-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	0.0	£ -
1A / 1	1	1D	15	1D	1DWSE004	1DWSI004/001	WP 001	No Service	Power	ULE90130-01-USP-00052	66.0	10.0%	72.6	£ 389.18	2.0	£ 66,508.24
								No Service	Gas	ULE90130-01-UGS-00	0.0		0.0	£ -	0.0	£ -
								No Service	Water-Clean	ULE90130-01-UCL-00062	75.0	30.0%	97.5	£ 340.19	2.0	£ 66,336.98
								No Service	Water-Foul	ULE90130-01-UFL-00452	51.0		51.0	£ 1,124.90	2.0	£ 114,739.53
								No Service	Telec - BT	ULE90130-01-UBT-00552	12.0	5.0%	12.6	£ 356.34	2.0	£ 8,979.69
								No Service	Telec - TW	ULE90130-01-UTE-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - C&W	ULE90130-01-UCW-00852	48.0	5.0%	50.4	£ 356.34	2.0	£ 35,918.74
								No Service	Telec - THUS	ULE90130-01-UTH-00062	12.0	5.0%	12.6	£ 356.34	2.0	£ 8,979.69
								No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	0.0	£ -
1A / 1	1	1D	15	1D	1DWSE004	1DWSI004/002	N/A	No Service	Power	ULE90130-01-USP-00051	12.0	5.0%	12.6	£ 389.18	2.0	£ 9,807.21
								No Service	Gas	ULE90130-01-UGS-00	0.0		0.0	£ -	0.0	£ -
								No Service	Water-Clean	ULE90130-01-UCL-00051	132.0	30.0%	171.6	£ 340.19	2.0	£ 116,753.08
								No Service	Water-Foul	ULE90130-01-UFL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - BT	ULE90130-01-UBT-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - TW	ULE90130-01-UTE-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - C&W	ULE90130-01-UCW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - THUS	ULE90130-01-UTH-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	0.0	£ -
1A / 1	1	1D	15	1D	1DWSE005	1DWSI005/001	N/A	No Service	Power	ULE90130-01-USP-00051	16.0	5.0%	16.8	£ 389.18	2.0	£ 13,076.29
								No Service	Gas	ULE90130-01-UGS-00	0.0		0.0	£ -	0.0	£ -
								No Service	Water-Clean	ULE90130-01-UCL-00061	78.0	30.0%	101.4	£ 340.19	2.0	£ 60,990.46
								No Service	Water-Foul	ULE90130-01-UFL-00051	10.0	10.0%	11.0	£ 1,124.90	2.0	£ 24,747.74
								No Service	Telec - BT	ULE90130-01-UBT-00551	12.0		12.0	£ 356.34	2.0	£ 8,552.08
								No Service	Telec - TW	ULE90130-01-UTE-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - C&W	ULE90130-01-UCW-00	0.0		0.0	£ -	0.0	£ -

ALFRED McALPINE INFRASTRUCTURE SERVICES (AMIS) - MULTI UTILITY DIVERSION FRAMEWORK AGREEMENT (MUDFA WORKSCOPE)

The PROJECT CODING & WBS				AMIS PROJECT WBS				WORKSCOPE DEFINITION			WORKSCOPE QUANTIFICATIONS					COSTS
Phase/Line	Sections	Sub-Sections	WBS	Sectors	Sections	Work Sites	Work Packs	Category	Utility	Drawing No's	UTL Lengths	Transverse Uplift %	Total Length	Rates	Factor	£'s
								No Service	Telec - THUS	ULE90130-01-UTH-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	0.0	£ -
1A / 1	1	1D	15	1D	1DWSE005	1DWSI005/002	N/A		Power	ULE90130-01-USP-00050	12.0	5.0%	12.6	£ 389.18	2.0	£ 9,807.21
								No Service	Gas	ULE90130-01-UGS-00	0.0		0.0	£ -	0.0	£ -
									Water-Clean	ULE90130-01-UCL-00	17.0		17.0	£ 340.19	2.0	£ 11,586.45
								No Service	Water-Foul	ULE90130-01-UFL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - BT	ULE90130-01-UBT-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - TW	ULE90130-01-UTE-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - C&W	ULE90130-01-UCW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - THUS	ULE90130-01-UTH-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	0.0	£ -
1A / 1	1	1D	15	1D	1DWSE005	1DWSI005/003	N/A		Power	ULE90130-01-USP-00	9.0		9.0	£ 389.18	1.5	£ 5,253.87
								No Service	Gas	ULE90130-01-UGS-00	0.0		0.0	£ -	0.0	£ -
								No Service	Water-Clean	ULE90130-01-UCL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Water-Foul	ULE90130-01-UFL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - BT	ULE90130-01-UBT-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - TW	ULE90130-01-UTE-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - C&W	ULE90130-01-UCW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - THUS	ULE90130-01-UTH-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-01-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-01-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-01-UTL-00	0.0		0.0	£ -	0.0	£ -
<b>MUDFA Section 1D Total =</b>																<b>£ 3,644,100.60</b>

Utility Descriptions	Quantity	Units
Power	523	Metres
Gas	644	Metres
Water-Clean	1,221	Metres
Water-Foul/GP	112	Metres
Telec - BT	555	Metres
Telec - TW	199	Metres
Telec - C&W	595	Metres
Telec - THUS	119	Metres
Telec - EasyN	0	Metres
Telec - NTL	0	Metres
Lighting	0	Metres
Surface Water	0	Metres
Others	0	Metres

3,968

ALFRED McALPINE INFRASTRUCTURE SERVICES (AMIS) - MULTI UTILITY DIVERSION FRAMEWORK AGREEMENT (MUDFA WORKSCOPE)

Tie PROJECT CODING & WBS				AMIS PROJECT WBS				WORKSCOPE DEFINITION			WORKSCOPE QUANTIFICATIONS					COSTS
Phase/Line	Sections	Sections	WBS	Sectors	Sections	Work Sites	Work Packs	Category	Utility	Drawing No's	UTL Lengths	Transverse Uplift %	Total Length	Rates	Factor	C's
1A / 1	2	2	13	2	2WSE001	2WSI001/001	N/A		Power	ULE90130-02-UTL-01503	45.0	10%	49.5	£ 389.18	1.0	£ 19,264.17
									Gas	ULE90130-02-UGS-00102/00103	60.0	50%	90.0	£ 877.76	1.0	£ 78,998.06
									Water-Clean	ULE90130-02-UCL-00302/00303	15.0		15.0	£ 340.19	1.0	£ 5,102.84
									Water-Foul/GP	ULE90130-02-UFL-00402/00403	90.0	10%	99.0	£ 1,124.90	1.0	£ 111,364.84
								No Service	Telec - BT	ULE90130-02-UBT-00502/00503	0.0		0.0	£ -	1.0	£ -
									Telec - TW	ULE90130-02-UTE-00702/00703	15.0	5%	15.8	£ 356.34	1.0	£ 5,612.30
								No Service	Telec - C&W	ULE90130-02-UCW-00803/003	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - THUS	ULE90130-02-UTH-00902/00903	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - EasyN	ULE90130-02-UTL-00000	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - NTL	ULE90130-02-UTL-00000	0.0		0.0	£ -	1.0	£ -
									Lighting	ULE90130-02-UTL-01301/01302	16.0	10%	17.6	£ 369.18	1.0	£ 6,849.46
								No Service	Surface Water	ULE90130-02-USW-01402/01403	0.0		0.0	£ -	1.0	£ -
									Street Lighting	ULE90130-02-UTL-01303	67.5	10%	74.3	£ 369.18	1.0	£ 28,896.26
1A / 1	2	2	13	2	2WSE001	2WSI001/002	N/A	No Service	Power	ULE90130-02-USP-01501/01502	0.0		0.0	£ -	1.0	£ -
								No Service	Gas	ULE90130-02-UGS-00101/00102	0.0		0.0	£ -	1.0	£ -
								No Service	Water-Clean	ULE90130-02-UCL-01301/01302	0.0		0.0	£ -	1.0	£ -
								No Service	Water-Foul/GP	ULE90130-02-UFL-00000	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - BT	ULE90130-02-UBT-00501/00502	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - TW	ULE90130-02-UTE-00701/00702	0.0		0.0	£ -	1.0	£ -
									Telec - C&W	ULE90130-02-UCW-00801/00802	217.5	5%	228.4	£ 356.34	1.0	£ 81,378.41
									Telec - THUS	ULE90130-02-UTH-00901/00902	60.0	5%	63.0	£ 356.34	1.0	£ 22,449.22
								No Service	Telec - EasyN	ULE90130-02-UTL-00000	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - NTL	ULE90130-02-UTL-00000	0.0		0.0	£ -	1.0	£ -
								No Service	Lighting	ULE90130-02-UTL-01301/01302	0.0		0.0	£ -	1.0	£ -
								No Service	Surface Water	ULE90130-02-USW-01401/01402	0.0		0.0	£ -	1.0	£ -
								No Service	Others	ULE90130-02-UTL-00000	0.0		0.0	£ -	1.0	£ -
1A / 1	2	2	13	2	2WSE001	2WSI001/003	N/A	No Service	Power	ULE90130-02-USP-01501	0.0		0.0	£ -	1.0	£ -
									Gas	ULE90130-02-UGS-00101	82.5	20%	99.0	£ 877.76	1.0	£ 86,897.87
								No Service	Water-Clean	ULE90130-02-UCL-01301	0.0		0.0	£ -	1.0	£ -
								No Service	Water-Foul/GP	ULE90130-02-UFL-00000	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - BT	ULE90130-02-UBT-00501	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - TW	ULE90130-02-UTE-00701	0.0		0.0	£ -	1.0	£ -
									Telec - C&W	ULE90130-02-UCW-00801	150.0	5%	157.5	£ 356.34	1.0	£ 56,123.04
									Telec - THUS	ULE90130-02-UTH-00901	138.0	5%	144.9	£ 356.34	1.0	£ 51,633.20
								No Service	Telec - EasyN	ULE90130-02-UTL-00000	0.0		0.0	£ -	1.0	£ -
								No Service	Telec - NTL	ULE90130-02-UTL-00000	0.0		0.0	£ -	1.0	£ -
								No Service	Lighting	ULE90130-02-UTL-01301	0.0		0.0	£ -	1.0	£ -
								No Service	Surface Water	ULE90130-02-USW-01401	0.0		0.0	£ -	1.0	£ -
								No Service	Others	ULE90130-02-UTL-00000	0.0		0.0	£ -	1.0	£ -
MUDFA Section 2 Total =																£ 554,569.68

Utility Descriptions	Quantity	Units
Power	50	Metres
Gas	189	Metres
Water-Clean	15	Metres
Water-Foul/GP	99	Metres
Telec - BT	0	Metres
Telec - TW	16	Metres
Telec - C&W	386	Metres
Telec - THUS	206	Metres
Telec - EasyN	0	Metres
Telec - NTL	0	Metres
Lighting	16	Metres
Surface Water	0	Metres
Others	74	Metres
	1,054	

ALFRED McALPINE INFRASTRUCTURE SERVICES (AMIS) - MULTI UTILITY DIVERSION FRAMEWORK AGREEMENT (MUDFA WORKSCOPE)

The PROJECT CODING & WBS				AMIS PROJECT WBS				WORKSCOPE DEFINITION				WORKSCOPE QUANTIFICATIONS				COSTS								
Phase/Line	Sections	Sub-Sections	WBS	Sections	Sections	Work Sites	Work Factor	Category	Utility	Drawing No's	UTL Lengths	Transverse Uplift %	Total Length	Rates	Factor	£'s								
1B/2	3	3A	25	3A	3AWSE001	3AWS001/001	N/A	No Service	Power	ULE90130-03-USP-00	0.0		0.0	£ -	0.0	£ -								
								No Service	Gas	ULE90130-03-UGS-00	0.0		0.0	£ -	0.0	£ -								
								No Service	Water-Clean	ULE90130-03-UCL-00	0.0		0.0	£ -	0.0	£ -								
								No Service	Water-Foul	ULE90130-03-UFL-00	0.0		0.0	£ -	0.0	£ -								
								No Service	Telec - BT	ULE90130-03-UBT-00	0.0		0.0	£ -	0.0	£ -								
								No Service	Telec - TVW	ULE90130-03-UTE-00	0.0		0.0	£ -	0.0	£ -								
								No Service	Telec - C&W	ULE90130-03-UCW-00	0.0		0.0	£ -	0.0	£ -								
								No Service	Telec - THUS	ULE90130-03-UTH-00	0.0		0.0	£ -	0.0	£ -								
								No Service	Telec - EasyN	ULE90130-03-U -00	0.0		0.0	£ -	0.0	£ -								
								No Service	Telec - NTL	ULE90130-03-U -00	0.0		0.0	£ -	0.0	£ -								
								No Service	Lighting	ULE90130-03-U -00	0.0		0.0	£ -	0.0	£ -								
								No Service	Surface Water	ULE90130-03-USW-00	0.0		0.0	£ -	0.0	£ -								
								No Service	Others	ULE90130-03-UTL-00	0.0		0.0	£ -	0.0	£ -								
								1B/2	3	3A	26	3A	3AWSE002	3AWSE002/001	N/A	No Service	Power	ULE90130-03-USP-00	0.0		0.0	£ -	0.0	£ -
																No Service	Gas	ULE90130-03-UGS-00	0.0		0.0	£ -	0.0	£ -
																No Service	Water-Clean	ULE90130-03-UCL-00	0.0		0.0	£ -	0.0	£ -
																No Service	Water-Foul	ULE90130-03-UFL-00	0.0		0.0	£ -	0.0	£ -
																No Service	Telec - BT	ULE90130-03-UBT-00004	0.0	5%	0.0	£ 366.34	1.0	£ 2,244.82
No Service	Telec - TVW	ULE90130-03-UTE-00	0.0		0.0	£ -	0.0									£ -								
No Service	Telec - C&W	ULE90130-03-UCW-00	0.0		0.0	£ -	0.0									£ -								
No Service	Telec - THUS	ULE90130-03-UTH-00	0.0		0.0	£ -	0.0									£ -								
No Service	Telec - EasyN	ULE90130-03-U -00	0.0		0.0	£ -	0.0									£ -								
No Service	Telec - NTL	ULE90130-03-U -00	0.0		0.0	£ -	0.0									£ -								
No Service	Lighting	ULE90130-03-U -00	0.0		0.0	£ -	0.0									£ -								
No Service	Surface Water	ULE90130-03-USW-00	0.0		0.0	£ -	0.0									£ -								
No Service	Others	ULE90130-03-UTL-00	0.0		0.0	£ -	0.0									£ -								
1B/2	3	3A	26	3A	3AWSE002	3AWSE002/002	N/A									No Service	Power	ULE90130-03-USP-00005/6/7	27.0		27.0	£ 388.18	1.0	£ 10,507.73
																No Service	Gas	ULE90130-03-UGS-00007	32.0	10%	35.2	£ 877.76	1.0	£ 30,897.02
																No Service	Water-Clean	ULE90130-03-UCL-00005	29.0		29.0	£ 340.19	1.0	£ 9,885.50
																No Service	Water-Foul	ULE90130-03-UFL-00005	81.0		81.0	£ 1,124.90	1.0	£ 91,116.60
																No Service	Telec - BT	ULE90130-03-UBT-00005	25.0		25.0	£ 356.34	1.0	£ 8,988.42
								No Service	Telec - TVW	ULE90130-03-UTE-00005	28.0		28.0	£ 356.34	1.0	£ 9,977.43								
								No Service	Telec - C&W	ULE90130-03-UCW-00	0.0		0.0	£ -	0.0	£ -								
								No Service	Telec - THUS	ULE90130-03-UTH-00	0.0		0.0	£ -	0.0	£ -								
								No Service	Telec - EasyN	ULE90130-03-U -00	0.0		0.0	£ -	0.0	£ -								
								No Service	Telec - NTL	ULE90130-03-U -00	0.0		0.0	£ -	0.0	£ -								
								No Service	Lighting	ULE90130-03-U -00	0.0		0.0	£ -	0.0	£ -								
								No Service	Surface Water	ULE90130-03-USW-00	0.0		0.0	£ -	0.0	£ -								
								No Service	Others	ULE90130-03-UTL-00	0.0		0.0	£ -	0.0	£ -								
								1B/2	3	3A	27	3A	3AWSE003	3AWSE003/001	N/A	No Service	Power	ULE90130-03-USP-00012	11.0		11.0	£ 388.18	1.5	£ 8,421.59
																No Service	Gas	ULE90130-03-UGS-00008/10/11/12	29.0	100%	58.0	£ 877.76	1.5	£ 76,364.79
																No Service	Water-Clean	ULE90130-03-UCL-00008/10/11/12	34.0	15%	39.1	£ 340.19	1.5	£ 19,952.12
																No Service	Water-Foul	ULE90130-03-UFL-00012	15.0	10%	16.5	£ 1,124.90	1.5	£ 27,841.21
																No Service	Telec - BT	ULE90130-03-UBT-00008/10/11/12	18.0		18.0	£ 356.34	1.5	£ 9,521.09
No Service	Telec - TVW	ULE90130-03-UTE-00	0.0		0.0	£ -	0.0									£ -								
No Service	Telec - C&W	ULE90130-03-UCW-00009	20.0		20.0	£ 356.34	1.5									£ 10,690.10								
No Service	Telec - THUS	ULE90130-03-UTH-00009	12.0		12.0	£ 356.34	1.5									£ 6,414.06								
No Service	Telec - EasyN	ULE90130-03-U -00	0.0		0.0	£ -	0.0									£ -								
No Service	Telec - NTL	ULE90130-03-U -00	0.0		0.0	£ -	0.0									£ -								
No Service	Lighting	ULE90130-03-U -00	0.0		0.0	£ -	0.0									£ -								
No Service	Surface Water	ULE90130-03-USW-00	0.0		0.0	£ -	0.0									£ -								
No Service	Others	ULE90130-03-UTL-00	0.0		0.0	£ -	0.0									£ -								
1B/2	3	3A	27	3A	3AWSE003	3AWSE003/002	N/A									No Service	Power	ULE90130-03-USP-00012	14.0		14.0	£ 388.18	1.5	£ 6,172.66
																No Service	Gas	ULE90130-03-UGS-00	0.0		0.0	£ -	0.0	£ -
																No Service	Water-Clean	ULE90130-03-UCL-00012	11.0	15%	12.7	£ 340.19	1.5	£ 6,455.10
																No Service	Water-Foul	ULE90130-03-UFL-00012	18.0	10%	17.6	£ 1,124.90	1.5	£ 29,897.29
																No Service	Telec - BT	ULE90130-03-UBT-00012	12.0		12.0	£ 356.34	1.5	£ 6,414.06
								No Service	Telec - TVW	ULE90130-03-UTE-00	0.0		0.0	£ -	0.0	£ -								
								No Service	Telec - C&W	ULE90130-03-UCW-00	0.0		0.0	£ -	0.0	£ -								
								No Service	Telec - THUS	ULE90130-03-UTH-00	0.0		0.0	£ -	0.0	£ -								
								No Service	Telec - EasyN	ULE90130-03-U -00	0.0		0.0	£ -	0.0	£ -								
								No Service	Telec - NTL	ULE90130-03-U -00	0.0		0.0	£ -	0.0	£ -								
								No Service	Lighting	ULE90130-03-U -00	0.0		0.0	£ -	0.0	£ -								
								No Service	Surface Water	ULE90130-03-USW-00	0.0		0.0	£ -	0.0	£ -								
								No Service	Others	ULE90130-03-UTL-00	0.0		0.0	£ -	0.0	£ -								
								1B/2	3	3A	27	3A	3AWSE003	3AWSE003/003	WP 001 - HV *	No Service	Power	ULE90130-03-USP-00014	12.0		12.0	£ 388.18	1.5	£ 7,095.15
																No Service	Gas	ULE90130-03-UGS-00016	18.0		18.0	£ 877.76	1.5	£ 13,166.34
																No Service	Water-Clean	ULE90130-03-UCL-00016	21.0		21.0	£ 340.19	1.5	£ 10,715.97
																No Service	Water-Foul	ULE90130-03-UFL-00016	11.0		11.0	£ 1,124.90	1.5	£ 18,588.81
																No Service	Telec - BT	ULE90130-03-UBT-00016	23.0		23.0	£ 356.34	1.5	£ 12,293.82
No Service	Telec - TVW	ULE90130-03-UTE-00016	10.0		10.0	£ 356.34	1.0									£ 3,563.37								
No Service	Telec - C&W	ULE90130-03-UCW-00	0.0		0.0	£ -	0.0									£ -								
No Service	Telec - THUS	ULE90130-03-UTH-00	0.0		0.0	£ -	0.0									£ -								
No Service	Telec - EasyN	ULE90130-03-U -00	0.0		0.0	£ -	0.0									£ -								
No Service	Telec - NTL	ULE90130-03-U -00	0.0		0.0	£ -	0.0									£ -								
No Service	Lighting	ULE90130-03-U -00	0.0		0.0	£ -	0.0									£ -								
No Service	Surface Water	ULE90130-03-USW-00	0.0		0.0	£ -	0.0									£ -								
No Service	Others	ULE90130-03-UTL-00	0.0		0.0	£ -	0.0									£ -								

ALFRED McALPINE INFRASTRUCTURE SERVICES (AMIS) - MULTI UTILITY DIVERSION FRAMEWORK AGREEMENT (MUDFA WORKSCOPE)

The PROJECT CODING & WBS				AMIS PROJECT WBS				WORKSCOPE DEFINITION				WORKSCOPE QUANTIFICATIONS				COSTS
Phase/Line	Sections	Sub-Sections	WBS	Sections	Sub-Sections	Work Sites	Work Packs	Category	Utility	Drawing No's	UTL Lengths	Transverse Uplift %	Total Length	Rates	Factor	E's
1B / 2	3	3A	27	3A	3AWSE003	3AWSE003/003	WP 002 - HV *	No Service	Power	ULE90130-03-USP-00015	20.0		20.0	£ 389.18	2.0	£ 15,567.01
								No Service	Gas	ULE90130-03-UGS-00	0.0		0.0	£ -	0.0	£ -
								No Service	Water-Clean	ULE90130-03-UCL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Water-Foul	ULE90130-03-UFL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - BT	ULE90130-03-UBT-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - TW	ULE90130-03-UTE-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - C&W	ULE90130-03-UCW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - THUS	ULE90130-03-UTH-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-03-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-03-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-03-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-03-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-03-UTL-00	0.0		0.0	£ -	0.0	£ -
								1B / 2	3	3A	27	3A	3AWSE003	3AWSE003/004	N/A	No Service
No Service	Gas	ULE90130-03-UGS-00	0.0		0.0	£ -	0.0									£ -
No Service	Water-Clean	ULE90130-03-UCL-00	0.0		0.0	£ -	0.0									£ -
No Service	Water-Foul	ULE90130-03-UFL-00	0.0		0.0	£ -	0.0									£ -
No Service	Telec - BT	ULE90130-03-UBT-00	0.0		0.0	£ -	0.0									£ -
No Service	Telec - TW	ULE90130-03-UTE-00	0.0		0.0	£ -	0.0									£ -
No Service	Telec - C&W	ULE90130-03-UCW-00	0.0		0.0	£ -	0.0									£ -
No Service	Telec - THUS	ULE90130-03-UTH-00	0.0		0.0	£ -	0.0									£ -
No Service	Telec - EasyN	ULE90130-03-U -00	0.0		0.0	£ -	0.0									£ -
No Service	Telec - NTL	ULE90130-03-U -00	0.0		0.0	£ -	0.0									£ -
No Service	Lighting	ULE90130-03-U -00	0.0		0.0	£ -	0.0									£ -
No Service	Surface Water	ULE90130-03-USW-00	0.0		0.0	£ -	0.0									£ -
No Service	Others	ULE90130-03-UTL-00	0.0		0.0	£ -	0.0									£ -
1B / 2	3	3A	28	3A	3AWSE004	3AWSE004/001	N/A									No Service
								No Service	Gas	ULE90130-03-UGS-00018	8.0	25%	10.0	£ 877.76	1.5	£ 13,166.34
								No Service	Water-Clean	ULE90130-03-UCL-00018	9.0	15%	10.4	£ 340.19	1.5	£ 5,281.44
								No Service	Water-Foul	ULE90130-03-UFL-00018	13.0	10%	14.3	£ 1,124.90	1.5	£ 24,128.05
								No Service	Telec - BT	ULE90130-03-UBT-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - TW	ULE90130-03-UTE-00018	11.0	5%	11.6	£ 356.34	1.5	£ 6,173.53
								No Service	Telec - C&W	ULE90130-03-UCW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - THUS	ULE90130-03-UTH-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-03-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-03-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-03-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-03-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-03-UTL-00018	14.0		14.0	£ 1,000.00	0.0	£ -
								1B / 2	3	3A	28	3A	3AWSE004	3AWSE004/002	N/A	No Service
No Service	Gas	ULE90130-03-UGS-00	0.0		0.0	£ -	0.0									£ -
No Service	Water-Clean	ULE90130-03-UCL-00	0.0		0.0	£ -	0.0									£ -
No Service	Water-Foul	ULE90130-03-UFL-00	0.0		0.0	£ -	0.0									£ -
No Service	Telec - BT	ULE90130-03-UBT-00019	65.5	10%	61.1	£ 356.34	1.0									£ 21,754.36
No Service	Telec - TW	ULE90130-03-UTE-00	0.0		0.0	£ -	0.0									£ -
No Service	Telec - C&W	ULE90130-03-UCW-00	0.0		0.0	£ -	0.0									£ -
No Service	Telec - THUS	ULE90130-03-UTH-00	0.0		0.0	£ -	0.0									£ -
No Service	Telec - EasyN	ULE90130-03-U -00	0.0		0.0	£ -	0.0									£ -
No Service	Telec - NTL	ULE90130-03-U -00	0.0		0.0	£ -	0.0									£ -
No Service	Lighting	ULE90130-03-U -00	0.0		0.0	£ -	0.0									£ -
No Service	Surface Water	ULE90130-03-USW-00	0.0		0.0	£ -	0.0									£ -
No Service	Others	ULE90130-03-UTL-00	0.0		0.0	£ -	0.0									£ -
1B / 2	3	3A	28	3A	3AWSE004	3AWSE004/003	N/A									No Service
								No Service	Gas	ULE90130-03-UGS-00	0.0		0.0	£ -	0.0	£ -
								No Service	Water-Clean	ULE90130-03-UCL-00020	20.0		20.0	£ 340.19	2.0	£ 13,607.69
								No Service	Water-Foul	ULE90130-03-UFL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - BT	ULE90130-03-UBT-00020	12.0		12.0	£ 356.34	2.0	£ 6,552.08
								No Service	Telec - TW	ULE90130-03-UTE-00020	10.0		10.0	£ 356.34	2.0	£ 7,126.74
								No Service	Telec - C&W	ULE90130-03-UCW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - THUS	ULE90130-03-UTH-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-03-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-03-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-03-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-03-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-03-UTL-00	0.0		0.0	£ -	0.0	£ -
								1B / 2	3	3A	28	3A	3AWSE005	3AWSE005/001	N/A	No Service
No Service	Gas	ULE90130-03-UGS-00	0.0		0.0	£ -	0.0									£ -
No Service	Water-Clean	ULE90130-03-UCL-00024	10.0		10.0	£ 340.19	1.0									£ 3,401.90
No Service	Water-Foul	ULE90130-03-UFL-00	0.0		0.0	£ -	0.0									£ -
No Service	Telec - BT	ULE90130-03-UBT-00	0.0		0.0	£ -	0.0									£ -
No Service	Telec - TW	ULE90130-03-UTE-00	0.0		0.0	£ -	0.0									£ -
No Service	Telec - C&W	ULE90130-03-UCW-00	0.0		0.0	£ -	0.0									£ -
No Service	Telec - THUS	ULE90130-03-UTH-00	0.0		0.0	£ -	0.0									£ -
No Service	Telec - EasyN	ULE90130-03-U -00	0.0		0.0	£ -	0.0									£ -
No Service	Telec - NTL	ULE90130-03-U -00	0.0		0.0	£ -	0.0									£ -
No Service	Lighting	ULE90130-03-U -00	0.0		0.0	£ -	0.0									£ -
No Service	Surface Water	ULE90130-03-USW-00	0.0		0.0	£ -	0.0									£ -
No Service	Others	ULE90130-03-UTL-00	0.0		0.0	£ -	0.0									£ -
1B / 2	3	3A	30	3A	3AWSE006	3AWSE006/001	N/A									No Service

ALFRED McALPINE INFRASTRUCTURE SERVICES (AMIS) - MULTI UTILITY DIVERSION FRAMEWORK AGREEMENT (MUDFA WORKSCOPE)																
THE PROJECT CODING & WBS				AMIS PROJECT WBS				WORKSCOPE DEFINITION				WORKSCOPE QUANTIFICATIONS				COSTS
Phase/Line	Sections	Sub-Sections	WBS	Sections	Sections	Work Sites	Work Packs	Category	Utility	Drawing No's	UTL Lengths	Transverse Uplift %	Total Length	Rates	Factor	£'s
								No Service	Gas	ULE90130-03-UGS-00	0.0		0.0	£ -	0.0	£ -
								No Service	Water-Clean	ULE90130-03-UCL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Water-Foul	ULE90130-03-UFL-00027	15.0		15.0	£ 1,124.90	1.5	£ 25,310.19
								No Service	Telec - BT	ULE90130-03-UBT-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - TW	ULE90130-03-UTE-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - C&W	ULE90130-03-UCW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - THUS	ULE90130-03-UTH-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-03-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-03-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-03-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-03-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-03-UTL-00	0.0		0.0	£ -	0.0	£ -
							* NON - MUDFA									
<b>MUDFA Section 3A Total =</b>															<b>£ 620,530.80</b>	

Utility Descriptions	Quantity	Units
Power	154	Metres
Gas	113	Metres
Water-Clean	142	Metres
Water-Foul/GP	155	Metres
Telec - BT	157	Metres
Telec - TW	60	Metres
Telec - C&W	20	Metres
Telec - THUS	12	Metres
Telec - EasyN	0	Metres
Telec - NTL	0	Metres
Lighting	0	Metres
Surface Water	0	Metres
Others	14	Metres
	<b>828</b>	

ALFRED McALPINE INFRASTRUCTURE SERVICES (AMIS) - MULTI UTILITY DIVERSION FRAMEWORK AGREEMENT (MUDFA WORKSCOPE)

Tie PROJECT CODING & WBS				AMIS PROJECT WBS				WORKSCOPE DEFINITION			WORKSCOPE QUANTIFICATIONS					COSTS
Phase/Line	Sections	Sub-Sections	WBS	Sectors	Sections	Work Sites	Work Packs	Category	Utility	Drawing No's	UTL Lengths	Transverse Uplift %	Total Length	Rates	Factor	£'s
1B / 2	3	3B	31	3B	3BWSE001	3BWSI001/001	N/A		Power	ULE90130-03-USP-00028/29/30	28.0	10%	30.8	£ 389.18	1.0	£ 11,986.60
									Gas	ULE90130-03-UGS-00028/29/30	75.0	20%	90.0	£ 877.76	1.0	£ 78,998.06
									Water-Clean	ULE90130-03-UCL-00028/29/30	168.0	15%	193.2	£ 340.19	1.0	£ 65,724.64
									Water-Foul	ULE90130-03-UFL-00028/29/30	27.0	10%	29.7	£ 1,124.90	1.0	£ 33,409.45
									Telec - BT	ULE90130-03-UBT-00028/29/30	108.0	5%	113.4	£ 356.34	1.0	£ 40,406.59
									Telec - TW	ULE90130-03-UTE-00028/29/30	4.0	10%	4.4	£ 356.34	1.0	£ 1,567.88
								No Service	Telec - C&W	ULE90130-03-UCW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - THUS	ULE90130-03-UTH-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-03-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-03-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-03-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-03-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-03-UTL-00	0.0		0.0	£ -	0.0	£ -
								1B / 2	3	3B	31	3B	3BWSE001	3BWSI001/002	WP 001 - HV *	No Service
No Service	Gas	ULE90130-03-UGS-00	0.0		0.0	£ -	0.0									£ -
No Service	Water-Clean	ULE90130-03-UCL-00	0.0		0.0	£ -	0.0									£ -
No Service	Water-Foul	ULE90130-03-UFL-00	0.0		0.0	£ -	0.0									£ -
No Service	Telec - BT	ULE90130-03-UBT-00	0.0		0.0	£ -	0.0									£ -
No Service	Telec - TW	ULE90130-03-UTE-00	0.0		0.0	£ -	0.0									£ -
No Service	Telec - C&W	ULE90130-03-UCW-00	0.0		0.0	£ -	0.0									£ -
No Service	Telec - THUS	ULE90130-03-UTH-00	0.0		0.0	£ -	0.0									£ -
No Service	Telec - EasyN	ULE90130-03-U -00	0.0		0.0	£ -	0.0									£ -
No Service	Telec - NTL	ULE90130-03-U -00	0.0		0.0	£ -	0.0									£ -
No Service	Lighting	ULE90130-03-U -00	0.0		0.0	£ -	0.0									£ -
No Service	Surface Water	ULE90130-03-USW-00	0.0		0.0	£ -	0.0									£ -
No Service	Others	ULE90130-03-UTL-00	0.0		0.0	£ -	0.0									£ -
1B / 2	3	3B	31	3B	3BWSE001	3BWSI001/002	WP 002 - BT *									No Service
								No Service	Gas	ULE90130-03-UGS-00030 to 35	0.0		0.0	£ -	0.0	£ -
									Water-Clean	ULE90130-03-UCL-00030 to 35	6.0		6.0	£ 340.19	1.0	£ 2,041.14
									Water-Foul	ULE90130-03-UFL-00030 to 35	52.5	15%	60.4	£ 1,124.90	1.0	£ 67,915.68
									Telec - BT	ULE90130-03-UBT-00030 to 35	30.0	10%	33.0	£ 356.34	1.0	£ 11,759.11
								No Service	Telec - TW	ULE90130-03-UTE-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - C&W	ULE90130-03-UCW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - THUS	ULE90130-03-UTH-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-03-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-03-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-03-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-03-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-03-UTL-00	0.0		0.0	£ -	0.0	£ -
								1B / 2	3	3B	32	3B	3BWSE002	3BWSE002/001	N/A	
No Service	Gas	ULE90130-03-UGS-00035	0.0		0.0	£ -	0.0									£ -
No Service	Water-Clean	ULE90130-03-UCL-00035 to 37	0.0		0.0	£ -	0.0									£ -
	Water-Foul	ULE90130-03-UFL-00035 to 37	45.0		45.0	£ 1,124.90	1.0									£ 50,820.38
	Telec - BT	ULE90130-03-UBT-00035 to 37	124.5	5%	130.7	£ 356.34	1.0									£ 46,582.12
No Service	Telec - TW	ULE90130-03-UTE-00035 to 37	0.0		0.0	£ -	0.0									£ -
No Service	Telec - C&W	ULE90130-03-UCW-00035 to 37	0.0		0.0	£ -	0.0									£ -
No Service	Telec - THUS	ULE90130-03-UTH-00035 to 37	0.0		0.0	£ -	0.0									£ -
No Service	Telec - EasyN	ULE90130-03-U -00	0.0		0.0	£ -	0.0									£ -
No Service	Telec - NTL	ULE90130-03-U -00	0.0		0.0	£ -	0.0									£ -
No Service	Lighting	ULE90130-03-U -00	0.0		0.0	£ -	0.0									£ -
No Service	Surface Water	ULE90130-03-USW-00	0.0		0.0	£ -	0.0									£ -
No Service	Others	ULE90130-03-UTL-00	0.0		0.0	£ -	0.0									£ -
1B / 2	3	3B	32	3B	3BWSE002	3BWSE002/002	WP 001 - HV *									
									Gas	ULE90130-03-UGS-00037	8.0	100%	16.0	£ 877.76	1.0	£ 14,044.10
								No Service	Water-Clean	ULE90130-03-UCL-00037	0.0		0.0	£ -	0.0	£ -
									Water-Foul	ULE90130-03-UFL-00037	6.0	10%	6.6	£ 1,124.90	1.0	£ 7,424.32
									Telec - BT	ULE90130-03-UBT-00037	7.0	5%	7.4	£ 356.34	1.0	£ 2,619.08
								No Service	Telec - TW	ULE90130-03-UTE-00037	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - C&W	ULE90130-03-UCW-00037	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - THUS	ULE90130-03-UTH-00037	0.0		0.0	£ -	0.0	£ -



ALFRED McALPINE INFRASTRUCTURE SERVICES (AMIS) - MULTI UTILITY DIVERSION FRAMEWORK AGREEMENT (MUDFA WORKSCOPE)

Tie PROJECT CODING & WBS				AMIS PROJECT WBS				WORKSCOPE DEFINITION			WORKSCOPE QUANTIFICATIONS					COSTS
Phase/Line	Sections	Sub-Sections	WBS	Sectors	Sections	Work Sites	Work Packs	Category	Utility	Drawing No's	UTL Lengths	Transverse Uplift %	Total Length	Rates	Factor	£'s
								No Service	Telec - EasyN	ULE90130-03-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-03-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-03-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-03-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-03-UTL-00	0.0		0.0	£ -	0.0	£ -
1B / 2	3	3B	32	3B	3BWSE002	3BWSE002/003	N/A		Power	ULE90130-03-USP-00038 to 40	36.0	5%	31.5	£ 389.18	1.0	£ 12,259.02
									Gas	ULE90130-03-UGS-00038 to 40	6.0		6.0	£ 877.76	1.0	£ 5,266.54
									Water-Clean	ULE90130-03-UCL-00038 to 40	82.5	30%	107.3	£ 340.19	1.0	£ 36,485.34
									Water-Foul	ULE90130-03-UFL-00038 to 40	45.0	10%	49.5	£ 1,124.90	1.0	£ 55,682.42
								No Service	Telec - BT	ULE90130-03-UBT-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - TV	ULE90130-03-UTE-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - C&W	ULE90130-03-UCW-00	0.0		0.0	£ -	0.0	£ -
									Telec - THUS	ULE90130-03-UTH-00038 to 40	66.0	5%	69.3	£ 356.34	1.0	£ 24,694.14
								No Service	Telec - EasyN	ULE90130-03-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-03-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-03-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-03-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-03-UTL-00	0.0		0.0	£ -	0.0	£ -
							* NON - MUDFA									
<b>MUDFA Section 3B Total =</b>															<b>£ 646,545.28</b>	

Utility Descriptions	Quantity	Units
Power	260	Metres
Gas	112	Metres
Water-Clean	306	Metres
Water-Foul/GP	191	Metres
Telec - BT	284	Metres
Telec - TV	4	Metres
Telec - C&W	0	Metres
Telec - THUS	69	Metres
Telec - EasyN	0	Metres
Telec - NTL	0	Metres
Lighting	0	Metres
Surface Water	0	Metres
Others	0	Metres
	<b>1,228</b>	

ALFRED McALPINE INFRASTRUCTURE SERVICES (AMIS) - MULTI UTILITY DIVERSION FRAMEWORK AGREEMENT (MUDFA WORKSCOPE)

The PROJECT CODING & WBS				AMIS PROJECT WBS				WORKSCOPE DEFINITION			WORKSCOPE QUANTIFICATIONS					COSTS	
Phase/Line	Sections	Sub-Sections	WBS	Sectors	Sections	Work Sites	Work Packs	Category	Utility	Drawing No's	UTL Lengths	Transverse Uplift %	Total Length	Rates	Factor	£'s	
1B / 2	3	3C	33	3C	3CWSE001	3CWSI001/001	N/A	No Service	Power	ULE90130-03-USP-00041 to 46	0.0		0.0	£ -	0.0	£ -	
								No Service	Gas	ULE90130-03-UGS-00041 to 46	0.0		0.0	£ -	0.0	£ -	
								No Service	Water-Clean	ULE90130-03-UCL-00041 to 46	0.0		0.0	£ -	0.0	£ -	
									Water-Foul	ULE90130-03-UFL-00041 to 46	90.0	10%	99.0	£ -	1.0	£ -	
								Protection	Telec - BT	ULE90130-03-UBT-00041 to 46	9.0		9.0	£ 2,464.10	2.0	£ 44,353.80	
								No Service	Telec - TW	ULE90130-03-UTE-00041 to 46	0.0		0.0	£ -	0.0	£ -	
								No Service	Telec - C&W	ULE90130-03-UCW-00041 to 46	0.0		0.0	£ -	0.0	£ -	
								No Service	Telec - THUS	ULE90130-03-UTH-00041 to 46	0.0		0.0	£ -	0.0	£ -	
								No Service	Telec - EasyN	ULE90130-03-U -00	0.0		0.0	£ -	0.0	£ -	
								No Service	Telec - NTL	ULE90130-03-U -00	0.0		0.0	£ -	0.0	£ -	
								No Service	Lighting	ULE90130-03-U -00	0.0		0.0	£ -	0.0	£ -	
								No Service	Surface Water	ULE90130-03-USW-00	0.0		0.0	£ -	0.0	£ -	
								No Service	Others	ULE90130-03-UTL-00	0.0		0.0	£ -	0.0	£ -	
								1B / 2	3	3C	34	3C	3CWSE002	3CWSE002/001	N/A	No Service	Power
No Service	Gas	ULE90130-03-UGS-00	0.0		0.0	£ -	0.0									£ -	
No Service	Water-Clean	ULE90130-03-UCL-00	0.0		0.0	£ -	0.0									£ -	
No Service	Water-Foul	ULE90130-03-UFL-00	0.0		0.0	£ -	0.0									£ -	
No Service	Telec - BT	ULE90130-03-UBT-00	0.0		0.0	£ -	0.0									£ -	
No Service	Telec - TW	ULE90130-03-UTE-00	0.0		0.0	£ -	0.0									£ -	
No Service	Telec - C&W	ULE90130-03-UCW-00	0.0		0.0	£ -	0.0									£ -	
No Service	Telec - THUS	ULE90130-03-UTH-00	0.0		0.0	£ -	0.0									£ -	
No Service	Telec - EasyN	ULE90130-03-U -00	0.0		0.0	£ -	0.0									£ -	
No Service	Telec - NTL	ULE90130-03-U -00	0.0		0.0	£ -	0.0									£ -	
No Service	Lighting	ULE90130-03-U -00	0.0		0.0	£ -	0.0									£ -	
No Service	Surface Water	ULE90130-03-USW-00	0.0		0.0	£ -	0.0									£ -	
No Service	Others	ULE90130-03-UTL-00	0.0		0.0	£ -	0.0									£ -	
1B / 2	3	3C	34	3C	3CWSE002	3CWSE002/002	N/A										Power
									Gas	ULE90130-03-UGS-00047/48	40.5	10%	44.6	£ 877.76	1.0	£ 39,104.04	
									Water-Clean	ULE90130-03-UCL-00047/48	42.0	30%	54.6	£ 340.19	1.0	£ 18,574.35	
									Water-Foul	ULE90130-03-UFL-00047/48	96.0	20%	115.2	£ 1,124.90	1.0	£ 129,588.18	
									Telec - BT	ULE90130-03-UBT-00047/48	127.5	5%	133.9	£ 356.34	1.0	£ 47,704.58	
								No Service	Telec - TW	ULE90130-03-UTE-00	0.0		0.0	£ -	0.0	£ -	
									Telec - C&W	ULE90130-03-UCW-00047/48	27.0		27.0	£ 356.34	1.0	£ 9,621.09	
								No Service	Telec - THUS	ULE90130-03-UTH-00	0.0		0.0	£ -	0.0	£ -	
								No Service	Telec - EasyN	ULE90130-03-U -00	0.0		0.0	£ -	0.0	£ -	
								No Service	Telec - NTL	ULE90130-03-U -00	0.0		0.0	£ -	0.0	£ -	
								No Service	Lighting	ULE90130-03-U -00	0.0		0.0	£ -	0.0	£ -	
									Surface Water	ULE90130-03-USW-00047/48	42.0		42.0	£ 340.19	1.0	£ 14,287.96	
									Others	ULE90130-03-UTL-00047/48	21.0		21.0	£ 1,000.00	1.0	£ 21,000.00	
								1B / 2	3	3C	34	3C	3CWSE002	3CWSE002/003	N/A		Power
	Gas	ULE90130-03-UGS-00048/49	102.0	20%	122.4	£ 877.76	1.0									£ 107,437.36	
	Water-Clean	ULE90130-03-UCL-00048/49	22.5	30%	29.3	£ 340.19	1.0									£ 9,950.56	
	Water-Foul	ULE90130-03-UFL-00048/49	48.0		48.0	£ 1,124.90	1.0									£ 53,895.07	
	Telec - BT	ULE90130-03-UBT-00048/49	66.0	5%	69.3	£ 356.34	1.0									£ 24,694.14	
	Telec - TW	ULE90130-03-UTE-00048/49	168.0	5%	176.4	£ 356.34	1.0									£ 62,857.80	
No Service	Telec - C&W	ULE90130-03-UCW-00	0.0		0.0	£ -	0.0									£ -	
No Service	Telec - THUS	ULE90130-03-UTH-00	0.0		0.0	£ -	0.0									£ -	
No Service	Telec - EasyN	ULE90130-03-U -00	0.0		0.0	£ -	0.0									£ -	
No Service	Telec - NTL	ULE90130-03-U -00	0.0		0.0	£ -	0.0									£ -	
No Service	Lighting	ULE90130-03-U -00	0.0		0.0	£ -	0.0									£ -	
No Service	Surface Water	ULE90130-03-USW-00	0.0		0.0	£ -	0.0									£ -	
No Service	Others	ULE90130-03-UTL-00	0.0		0.0	£ -	0.0									£ -	
<b>MUDFA Section 3C Total =</b>																<b>£ 604,972.47</b>	

ALFRED McALPINE INFRASTRUCTURE SERVICES (AMIS) - MULTI UTILITY DIVERSION FRAMEWORK AGREEMENT (MUDFA WORKSCOPE)

PROJECT CODING & WBS				AMIS PROJECT WBS				WORKSCOPE DEFINITION			WORKSCOPE QUANTIFICATIONS				COSTS	
Phase/Line	Sections	Sub-Sections	WBS	Sectors	Sections	Work Sites	Work Packs	Category	Utility	Drawing No's	UTL Lengths	Transverse Uplift %	Total Length	Rates	Factor	£'s

Utility Descriptions	Quantity	Units
Power	56	Metres
Gas	167	Metres
Water-Clean	84	Metres
Water-Foul/GP	262	Metres
Telec - BT	212	Metres
Telec - TW	176	Metres
Telec - C&W	27	Metres
Telec - THUS	0	Metres
Telec - EasyN	0	Metres
Telec - NTL	0	Metres
Lighting	0	Metres
Surface Water	42	Metres
Others	21	Metres
	<b>1,048</b>	

ALFRED McALPINE INFRASTRUCTURE SERVICES (AMIS) - MULTI UTILITY DIVERSION FRAMEWORK AGREEMENT (MUDFA WORKSCOPE)																
PROJECT CODING & WBS			AMIS PROJECT WBS				WORKSCOPE DEFINITION			WORKSCOPE QUANTIFICATIONS				COSTS		
Phase/Line	Sections	Sub-Sections	WBS	Sectors	Sections	Work Sites	Work Packs	Category	Utility	Drawing No's	UTL Lengths	Transverse Uplift %	Total Length	Rates	Factor	£'s
2/3	4	4A					NON - MUDFA Future Development		Power	ULE90130-04-USP-00000			0.0	£ -	1.0	£ -
									Gas	ULE90130-04-UGS-00000			0.0	£ -	1.0	£ -
									Water-Clean	ULE90130-04-UCL-00000			0.0	£ -	1.0	£ -
									Water-Foul	ULE90130-04-UFL-00000			0.0	£ -	1.0	£ -
									Telec - BT	ULE90130-04-UBT-00000			0.0	£ -	1.0	£ -
									Telec - TW	ULE90130-04-UTE-00000			0.0	£ -	1.0	£ -
									Telec - C&W	ULE90130-04-UCW-00000			0.0	£ -	1.0	£ -
									Telec - THUS	ULE90130-04-UTH-00000			0.0	£ -	1.0	£ -
									Telec - EasyN	ULE90130-04-UTL-00000			0.0	£ -	1.0	£ -
									Telec - NTL	ULE90130-04-UTL-00000			0.0	£ -	1.0	£ -
									Lighting	ULE90130-04-UTL-00000			0.0	£ -	1.0	£ -
									Surface Water	ULE90130-04-USW-00000			0.0	£ -	1.0	£ -
									Others	ULE90130-04-UTL-00000			0.0	£ -	1.0	£ -
<b>MUDFA Section 4 Total =</b>															£ -	

Utility Descriptions	Quantity	Units
Power	0	Metres
Gas	0	Metres
Water-Clean	0	Metres
Water-Foul/GP	0	Metres
Telec - BT	0	Metres
Telec - TW	0	Metres
Telec - C&W	0	Metres
Telec - THUS	0	Metres
Telec - EasyN	0	Metres
Telec - NTL	0	Metres
Lighting	0	Metres
Surface Water	0	Metres
Others	0	Metres
	<b>0</b>	

ALFRED McALPINE INFRASTRUCTURE SERVICES (AMIS) - MULTI UTILITY DIVERSION FRAMEWORK AGREEMENT (MUDFA WORKSCOPE)

The PROJECT CODING & WBS				AMIS PROJECT WBS				WORKSCOPE DEFINITION			WORKSCOPE QUANTIFICATIONS					COSTS
Phase/Line	Sections	Sub-Sections	WBS	Sectors	Sections	Work Sites	Work Packs	Category	Utility	Drawing No's	UTL Lengths	Transverse Uplift %	Total Length	Rates	Factor	£'s
1B / 1	5	5	3	5	5WSE001	5WSI001/001	N/A		Power	ULE90130-05-USP-00224/5/6	183.0	5%	192.2	£ 389.18	1.5	£ 112,170.02
									Gas	ULE90130-05-UGS-01524	105.0		105.0	£ 877.76	2.0	£ 104,328.81
									Water-Clean	ULE90130-05-UCL-00324/5	787.5		787.5	£ 340.19	1.5	£ 401,849.00
								No Service	Water-Foul	ULE90130-05-UFL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - BT	ULE90130-05-UBT-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - TW	ULE90130-05-UTE-00	0.0		0.0	£ -	0.0	£ -
									Telec - C&W	ULE90130-05-UCW-00824/5/6	399.0	5%	419.0	£ 356.34	1.5	£ 223,930.92
									Telec - THUS	ULE90130-05-UTH-00924	58.0	5%	60.9	£ 356.34	1.5	£ 32,551.36
								No Service	Telec - EasyN	ULE90130-05-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-05-U -00	0.0		0.0	£ -	0.0	£ -
									Lighting	ULE90130-05-UTL-01324/5/6	222.0	5%	233.1	£ 389.18	1.5	£ 136,075.11
								No Service	Surface Water	ULE90130-05-USW-00	0.0		0.0	£ -	0.0	£ -
									Power System	ULE90130-05-UTL-00	787.5		787.5	£ 389.18	1.5	£ 459,713.20
1B / 1	5	5	3	5	5WSE001	5WSI001/002	N/A		Power	ULE90130-05-USP-00224	18.0	5%	18.9	£ 389.18	1.5	£ 11,033.12
									Gas	ULE90130-05-UGS-00124	14.0		14.0	£ 877.76	1.5	£ 18,432.88
									Water-Clean	ULE90130-05-UCL-00324	32.0		32.0	£ 340.19	1.5	£ 16,329.10
								No Service	Water-Foul	ULE90130-05-UFL-00	0.0		0.0	£ -	0.0	£ -
									Telec - BT	ULE90130-05-UBT-00524	53.0	5%	55.7	£ 356.34	1.5	£ 29,745.21
									Telec - TW	ULE90130-05-UTE-00724	14.0	5%	14.7	£ 356.34	1.5	£ 7,857.23
									Telec - C&W	ULE90130-05-UCW-00823/4	152.0	5%	159.6	£ 356.34	1.5	£ 85,307.02
									Telec - THUS	ULE90130-05-UTH-00924	44.0	5%	46.2	£ 356.34	1.5	£ 24,694.14
									Telec - EasyN	ULE90130-05-U -01024	17.0	5%	17.9	£ 356.34	1.5	£ 9,540.92
								No Service	Telec - NTL	ULE90130-05-U -00	0.0		0.0	£ -	0.0	£ -
									Lighting	ULE90130-05-UTL-01324	32.0		32.0	£ 389.18	1.5	£ 18,680.41
								No Service	Surface Water	ULE90130-05-USW-00	0.0		0.0	£ -	0.0	£ -
									Others	ULE90130-05-UTL-00424	65.0		65.0	£ 1,000.00	1.5	£ 97,500.00
1B / 1	5	5	6	5	5WSE002	5WSE002/001	N/A	No Service	Power	ULE90130-05-USP-00	0.0		0.0	£ -	0.0	£ -
									Gas	ULE90130-05-UGS-00122	20.0	13%	22.5	£ 877.76	1.5	£ 29,624.27
									Water-Clean	ULE90130-05-UCL-00322/23	84.0	30%	109.2	£ 340.19	1.5	£ 55,723.05
									Water-Foul	ULE90130-05-UFL-00426	20.0	10%	22.0	£ 1,124.90	1.5	£ 37,121.61
									Telec - BT	ULE90130-05-UBT-00522	18.0	5%	18.9	£ 340.19	1.5	£ 9,644.38
									Telec - TW	ULE90130-05-UTE-00721/2/3	195.0	5%	204.8	£ 356.34	1.5	£ 109,439.92
									Telec - C&W	ULE90130-05-UCW-00822/3	144.0	5%	151.2	£ 356.34	1.5	£ 80,817.18
									Telec - THUS	ULE90130-05-UTH-00923	75.0	5%	78.8	£ 356.34	1.5	£ 42,092.28
									Telec - EasyN	ULE90130-05-UEN-01023	156.0	5%	163.8	£ 356.34	1.5	£ 87,551.94
								No Service	Telec - NTL	ULE90130-05-U -00	0.0		0.0	£ 356.34	0.0	£ -
									Lighting	ULE90130-05-UTL-01323	97.5	5%	102.4	£ 389.18	1.0	£ 39,841.81
								No Service	Surface Water	ULE90130-05-USW-00	0.0		0.0	£ -	0.0	£ -
									Others	ULE90130-05-UTL-01522/23	172.5	5%	181.1	£ 1,000.00	1.5	£ 271,687.50
1B / 1	5	5	7	5	5WSE003	5WSE003/001	WP 001 - Burn *		Power	ULE90130-05-USP-00220	10.0		10.0	£ 389.18	1.0	£ 3,891.75
									Gas	ULE90130-05-UGS-00119	20.0		20.0	£ 877.76	1.0	£ 17,555.12
								No Service	Water-Clean	ULE90130-05-UCL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Water-Foul	ULE90130-05-UFL-00	0.0		0.0	£ -	0.0	£ -
									Telec - BT	ULE90130-05-UBT-00520	15.0	5%	15.8	£ 356.34	1.0	£ 5,612.30
								No Service	Telec - TW	ULE90130-05-UTE-00	0.0		0.0	£ -	0.0	£ -
									Telec - C&W	ULE90130-05-UCW-00820	16.0	5%	16.8	£ 356.34	1.0	£ 5,986.46
									Telec - THUS	ULE90130-05-UTH-00920	16.0	5%	16.8	£ 356.34	1.0	£ 5,986.46
								No Service	Telec - EasyN	ULE90130-05-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-05-U -00	0.0		0.0	£ -	0.0	£ -
									Lighting	ULE90130-05-UTL-00	10.0		10.0	£ 389.18	1.0	£ 3,891.75
								No Service	Surface Water	ULE90130-05-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-05-UTL-00	0.0		0.0	£ -	0.0	£ -
1B / 1	5	5	8	5	5WSE004	5WSE004/001	N/A		Power	ULE90130-05-USP-00216/7/8	540.0	15%	621.0	£ 389.18	1.5	£ 362,516.68
									Gas	ULE90130-05-UGS-0118	25.0		25.0	£ 877.76	1.0	£ 21,943.91
								No Service	Water-Clean	ULE90130-05-UCL-00	0.0		0.0	£ -	0.0	£ -
									Water-Foul	ULE90130-05-UFL-00417/8	210.0	10%	231.0	£ 1,124.90	1.5	£ 389,776.94
								No Service	Telec - BT	ULE90130-05-UBT-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - TW	ULE90130-05-UTE-00	0.0		0.0	£ -	0.0	£ -
									Telec - C&W	ULE90130-05-UCW-00818	24.0	5%	25.2	£ 356.34	1.0	£ 8,979.69
									Telec - THUS	ULE90130-05-UTH-00918	28.0	5%	29.4	£ 356.34	1.0	£ 10,476.30
								No Service	Telec - EasyN	ULE90130-05-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-05-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-05-UTL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-05-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-05-UTL-00	0.0		0.0	£ -	0.0	£ -
1B / 1	5	5	9	5	5WSE005	5WSE005/001	N/A		Power	ULE90130-05-USP-00214/5/6	202.5	10%	222.8	£ 389.18	1.5	£ 130,033.16
									Gas	ULE90130-05-UGS-00115	22.0	50%	33.0	£ 877.76	1.5	£ 43,448.93
									Water-Clean	ULE90130-05-UCL-00315	16.0		16.0	£ 340.19	1.0	£ 5,443.03
									Water-Foul	ULE90130-05-UFL-00415	105.0	10%	115.5	£ 1,124.90	1.5	£ 194,888.47

ALFRED McALPINE INFRASTRUCTURE SERVICES (AMIS) - MULTI UTILITY DIVERSION FRAMEWORK AGREEMENT (MUDFA WORKSCOPE)

The PROJECT CODING & WBS				AMIS PROJECT WBS				WORKSCOPE DEFINITION			WORKSCOPE QUANTIFICATIONS					COSTS
Phase/Line	Sections	Sub-Sections	WBS	Sectors	Sections	Work Sites	Work Packs	Category	Utility	Drawing No's	UTL Lengths	Transverse Uplift %	Total Length	Rates	Factor	£'s
									Telec - BT	ULE90130-05-UBT-00515	22.0	5%	23.1	£ 356.34	1.5	£ 12,347.07
									Telec - TW	ULE90130-05-UTE-00715	60.0	5%	63.0	£ 356.34	1.5	£ 33,673.82
								No Service	Telec - C&W	ULE90130-05-UCW-00	0.0		0.0	£ -	0.0	£ -
									Telec - THUS	ULE90130-05-UTH-00915	32.0		32.0	£ 356.34	1.5	£ 17,104.16
								No Service	Telec - EasyN	ULE90130-05-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-05-U -00	0.0		0.0	£ -	0.0	£ -
									Lighting	ULE90130-05-UTL-01315	14.0		14.0	£ 389.18	1.0	£ 5,448.45
								No Service	Surface Water	ULE90130-05-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-05-UTL-00	0.0		0.0	£ -	0.0	£ -
1B / 1	5	5	9	5	5WSE005	5WSE005/002	N/A		Power	ULE90130-05-USP-00213/4	36.0	5%	37.8	£ 389.18	2.0	£ 29,421.64
									Gas	ULE90130-05-UGS-00114	16.0	50%	24.0	£ 389.18	1.5	£ 14,010.31
									Water-Clean	ULE90130-05-UCL-00313	33.0		33.0	£ 340.19	1.0	£ 11,226.26
									Water-Foul	ULE90130-05-UFL-00413/4	35.0	10%	36.5	£ 1,124.90	1.5	£ 64,962.82
									Telec - BT	ULE90130-05-UBT-00514	16.0	5%	16.9	£ 356.34	1.0	£ 6,734.76
									Telec - TW	ULE90130-05-UTE-00713/4	69.0	5%	72.5	£ 356.34	1.0	£ 25,816.60
								No Service	Telec - C&W	ULE90130-05-UCW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - THUS	ULE90130-05-UTH-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-05-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-05-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-05-UTL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-05-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-05-UTL-00	0.0		0.0	£ -	0.0	£ -
1B / 1	5	5	10	5	5WSE006	5WSE006/001	N/A		Power	ULE90130-05-USP-00209/10/11	155.0	10%	170.5	£ 389.18	2.0	£ 132,706.74
									Gas	ULE90130-05-UGS-00111	18.0	13%	20.3	£ 877.76	1.5	£ 26,661.85
									Water-Clean	ULE90130-05-UCL-00311	27.0		27.0	£ 877.76	1.5	£ 35,549.13
									Water-Foul	ULE90130-05-UFL-00410/411	32.0		32.0	£ 1,124.90	1.0	£ 35,996.72
									Telec - BT	ULE90130-05-UBT-00511	54.0	5%	56.7	£ 356.34	1.5	£ 30,306.44
								No Service	Telec - TW	ULE90130-05-UTE-00	22.0	5%	23.1	£ 356.34	0.0	£ -
								No Service	Telec - C&W	ULE90130-05-UCW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - THUS	ULE90130-05-UTH-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-05-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-05-U -00	0.0		0.0	£ -	0.0	£ -
									Lighting	ULE90130-05-UTL-01309	19.0		19.0	£ 389.18	1.0	£ 7,394.33
								No Service	Surface Water	ULE90130-05-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-05-UTL-00	0.0		0.0	£ -	0.0	£ -
1B / 1	5	5	10	5	5WSE006	5WSE006/002	N/A		Power	ULE90130-05-USP-00206/7/8/9	105.0	10%	115.5	£ 389.18	1.0	£ 44,949.74
								No Service	Gas	ULE90130-05-UGS-00	0.0		0.0	£ -	0.0	£ -
								No Service	Water-Clean	ULE90130-05-UCL-00	0.0		0.0	£ -	0.0	£ -
									Water-Foul	ULE90130-05-UFL-00408	24.0	10%	26.4	£ 1,124.90	1.0	£ 29,697.29
								No Service	Telec - BT	ULE90130-05-UBT-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - TW	ULE90130-05-UTE-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - C&W	ULE90130-05-UCW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - THUS	ULE90130-05-UTH-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-05-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-05-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-05-UTL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-05-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-05-UTL-00	0.0		0.0	£ -	0.0	£ -
1B / 1	5	5	11	5	5WSE007	5WSE007/001	N/A		Power	ULE90130-05-USP-00203/4/5/6	99.0	10%	108.9	£ 389.18	2.0	£ 84,762.36
									Gas	ULE90130-05-UGS-00104/105	18.0	50%	27.0	£ 877.76	1.0	£ 23,699.42
									Water-Clean	ULE90130-05-UCL-00306	18.0		18.0	£ 340.19	1.0	£ 6,123.41
									Water-Foul	ULE90130-05-UFL-00403/4/5/6	14.0	10%	15.4	£ 1,124.90	1.0	£ 17,323.42
									Telec - BT	ULE90130-05-UBT-00506	10.0	5%	10.5	£ 356.34	1.0	£ 3,741.54
									Telec - TW	ULE90130-05-UTE-00705	12.0	5%	12.6	£ 356.34	1.0	£ 4,489.84
								No Service	Telec - C&W	ULE90130-05-UCW-00	0.0		0.0	£ -	0.0	£ -
									Telec - THUS	ULE90130-05-UTH-00805	12.0	5%	12.6	£ 356.34	1.0	£ 4,489.84
								No Service	Telec - EasyN	ULE90130-05-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-05-U -00	0.0		0.0	£ -	0.0	£ -
									Lighting	ULE90130-05-UTL-01305	14.0	10%	15.4	£ 389.18	1.0	£ 5,993.30
								No Service	Surface Water	ULE90130-05-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-05-UTL-00	0.0		0.0	£ -	0.0	£ -
1B / 1	5	5	11	5	5WSE007	5WSE007/002	N/A		Power	ULE90130-05-USP-00203	44.0	10%	48.4	£ 389.18	1.5	£ 28,254.12
									Gas	ULE90130-05-UGS-00103	30.0		30.0	£ 877.76	1.5	£ 38,499.03
								No Service	Water-Clean	ULE90130-05-UCL-00	0.0		0.0	£ -	0.0	£ -
									Water-Foul	ULE90130-05-UFL-00403	33.0	10%	36.3	£ 340.19	1.5	£ 18,523.33
								No Service	Telec - BT	ULE90130-05-UBT-00	0.0		0.0	£ -	0.0	£ -
									Telec - TW	ULE90130-05-UTE-00703	0.0		0.0	£ -	1.5	£ -
								No Service	Telec - C&W	ULE90130-05-UCW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - THUS	ULE90130-05-UTH-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-05-U -00	0.0		0.0	£ -	0.0	£ -

ALFRED McALPINE INFRASTRUCTURE SERVICES (AMIS) - MULTI UTILITY DIVERSION FRAMEWORK AGREEMENT (MUDFA WORKSCOPE)

The PROJECT CODING & WBS				AMIS PROJECT WBS				WORKSCOPE DEFINITION			WORKSCOPE QUANTIFICATIONS				COSTS	
Phase/Line	Sections	Sub-Sections	WBS	Sectors	Sections	Work Sites	Work Packs	Category	Utility	Drawing No's	UTL Lengths	Transverse Uplift %	Total Length	Rates	Factor	£'s
								No Service	Telec - NTL	ULE90130-05-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-05-UTL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-05-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-05-UTL-00	0.0		0.0	£ -	0.0	£ -
1B / 1	5	5	12	5	5WSE008	5WSE008/001	N/A		Power	ULE90130-05-USP-00201	10.0	5%	10.5	£ 389.18	1.5	£ 6,129.51
								No Service	Gas	ULE90130-05-UGS-00	0.0		0.0	£ -	0.0	£ -
								No Service	Water-Clean	ULE90130-05-UCL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Water-Foul	ULE90130-05-UFL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - BT	ULE90130-05-UBT-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - YW	ULE90130-05-UTE-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - C&W	ULE90130-05-UCW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - THUS	ULE90130-05-UTH-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-05-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-05-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-05-UTL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-05-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-05-UTL-00	0.0		0.0	£ -	0.0	£ -
1B / 1	5	5	12	5	5WSE008	5WSE008/002	N/A		Power	ULE90130-05-USP-00201	198.0	5%	207.9	£ 389.18	1.5	£ 121,364.20
									Gas	ULE90130-05-UGS-00101	99.0	30%	128.7	£ 877.76	1.5	£ 189,450.84
								No Service	Water-Clean	ULE90130-05-UCL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Water-G/P	ULE90130-05-UFL-00401	96.0	10%	105.6	£ 340.19	1.5	£ 53,886.04
								No Service	Telec - BT	ULE90130-05-UBT-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - YW	ULE90130-05-UTE-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - C&W	ULE90130-05-UCW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - THUS	ULE90130-05-UTH-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-05-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-05-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-05-UTL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-05-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-05-UTL-00	0.0		0.0	£ -	0.0	£ -
1B / 1	5	5	3	5	5WSE001	5WSE001/002	Non - MUDFA *		Power System	ULE90130-05-USP-01523/24	172.5	5%	181.1	£ 389.18	2.0	£ 140,976.71
1B / 1	5	5	11	5	5WSE007	5WSE007/002	Non - MUDFA *		Power System	ULE90130-05-USP-01403	11.0		11.0	£ 389.18	2.0	£ 8,561.85
1B / 1	5	5	12	5	5WSE008	5WSE008/001	Non - MUDFA *		Power System	ULE90130-05-USP-01403	0.0		0.0	£ -	0.0	£ -
1B / 1	5	5	12	5	5WSE008	5WSE008/002	Non - MUDFA *		Power System	ULE90130-05-USP-01405	0.0		0.0	£ -	0.0	£ -
							* NON - MUDFA									
<b>MUDFA Section 5 Total =</b>																<b>£ 5,144,994.32</b>

Utility Descriptions	Quantity	Units
Power	1,764	Metres
Gas	449	Metres
Water-Clean	1,023	Metres
Water-Foul/GP	620	Metres
Telec - BT	200	Metres
Telec - YW	391	Metres
Telec - C&W	772	Metres
Telec - THUS	277	Metres
Telec - EasyN	182	Metres
Telec - NTL	0	Metres
Lighting	426	Metres
Surface Water	0	Metres
Others	1,034	Metres
	<b>7,139</b>	

ALFRED McALPINE INFRASTRUCTURE SERVICES (AMIS) - MULTI UTILITY DIVERSION FRAMEWORK AGREEMENT (MUDFA WORKSCOPE)

The PROJECT CODING & WBS				AMIS PROJECT WBS				WORKSCOPE DEFINITION			WORKSCOPE QUANTIFICATIONS					COSTS
Phase/Line	Sections	Sub-Sections	WBS	Sectors	Sections	Work Sites	Work Packs	Category	Utility	Drawing No's	UTL Lengths	Transverse Uplift %	Total Length	Rates	Factor	£'s
GOGAR DEPOT	6	6	1	6	6WSE001	6WSI001/001	WP 001		Power	ULE90130-06-USP-00201/2	110.0		110.0	£ 389.18	2.0	£ 85,618.54
									Gas	ULE90130-06-UGS-00101/2	210.0		210.0	£ 877.76	2.0	£ 368,657.61
									Water-Clean	ULE90130-06-UCL-00301/2	600.0	30%	780.0	£ 340.19	2.0	£ 530,695.82
									No Service Water-Foul	ULE90130-06-UFL-00	0.0		0.0	£ -	0.0	£ -
									Telec - BT	ULE90130-06-UBT-00501/2	23.0	5%	24.2	£ 356.34	2.0	£ 17,211.07
									No Service Telec - TW	ULE90130-06-UTE-00	0.0		0.0	£ -	0.0	£ -
									No Service Telec - C&W	ULE90130-06-UCW-00801/2	0.0		0.0	£ -	0.0	£ -
									No Service Telec - THUS	ULE90130-06-UTH-00901/2	0.0		0.0	£ -	0.0	£ -
									No Service Telec - EasyN	ULE90130-06-U -00	0.0		0.0	£ -	0.0	£ -
									No Service Telec - NTL	ULE90130-06-U -00	0.0		0.0	£ -	0.0	£ -
									No Service Lighting	ULE90130-06-UTL-01301/2	115.0	10%	126.5	£ 389.18	1.0	£ 49,230.66
									No Service Surface Water	ULE90130-06-USW-00401/2	150.0	10%	165.0	£ 340.19	2.0	£ 112,262.58
									No Service Others	ULE90130-06-UTL-01501/2	0.0		0.0	£ -	0.0	£ -
GOGAR DEPOT	6	6	1	6	6WSE001	6WSI001/001	WP002		Power	ULE90130-06-USP-00201	0.0		0.0	£ -	0.0	£ -
									Gas	ULE90130-06-UGS-00101	18.0	10%	19.8	£ 877.76	2.0	£ 34,759.15
									No Service Water-Clean	ULE90130-06-UCL-00301	0.0		0.0	£ -	0.0	£ -
									No Service Water-Foul	ULE90130-06-UFL-00	0.0		0.0	£ -	0.0	£ -
									No Service Telec - BT	ULE90130-06-UBT-00501	0.0		0.0	£ -	0.0	£ -
									No Service Telec - TW	ULE90130-06-UTE-00	0.0		0.0	£ -	0.0	£ -
									No Service Telec - C&W	ULE90130-06-UCW-00801	0.0		0.0	£ -	0.0	£ -
									No Service Telec - THUS	ULE90130-06-UTH-00901	0.0		0.0	£ -	0.0	£ -
									No Service Telec - EasyN	ULE90130-06-U -00	0.0		0.0	£ -	0.0	£ -
									No Service Telec - NTL	ULE90130-06-U -00	0.0		0.0	£ -	0.0	£ -
									No Service Lighting	ULE90130-06-UTL-01301	0.0		0.0	£ -	0.0	£ -
									No Service Surface Water	ULE90130-06-USW-01401	0.0		0.0	£ -	0.0	£ -
									No Service Others	ULE90130-06-UTL-01501	0.0		0.0	£ -	0.0	£ -
GOGAR DEPOT	6	6	1	6	6WSE001	6WSI001/002	WP 001 - HV *	Utility Co	Power	ULE90130-06-USP-00	0.0		0.0	£ -	0.0	£ -
								Utility Co	Gas	ULE90130-06-UGS-00	0.0		0.0	£ -	0.0	£ -
								Utility Co	Water-Clean	ULE90130-06-UCL-00	0.0		0.0	£ -	0.0	£ -
								Utility Co	Water-Foul	ULE90130-06-UFL-00	0.0		0.0	£ -	0.0	£ -
								Utility Co	Telec - BT	ULE90130-06-UBT-00	0.0		0.0	£ -	0.0	£ -
								Utility Co	Telec - TW	ULE90130-06-UTE-00	0.0		0.0	£ -	0.0	£ -
								Utility Co	Telec - C&W	ULE90130-06-UCW-00	0.0		0.0	£ -	0.0	£ -
								Utility Co	Telec - THUS	ULE90130-06-UTH-00	0.0		0.0	£ -	0.0	£ -
								Utility Co	Telec - EasyN	ULE90130-06-U -00	0.0		0.0	£ -	0.0	£ -
								Utility Co	Telec - NTL	ULE90130-06-U -00	0.0		0.0	£ -	0.0	£ -
								Utility Co	Lighting	ULE90130-06-UTL-00	0.0		0.0	£ -	0.0	£ -
								Utility Co	Surface Water	ULE90130-06-USW-00	0.0		0.0	£ -	0.0	£ -
								Utility Co	Others	ULE90130-06-UTL-00	0.0		0.0	£ -	0.0	£ -
GOGAR DEPOT	6	6	1	6	6WSE001	6WSI001/002	WP 002 - GAS *	Utility Co	Power	ULE90130-06-USP-00	0.0		0.0	£ -	0.0	£ -
								Utility Co	Gas	ULE90130-06-UGS-00	0.0		0.0	£ -	0.0	£ -
								Utility Co	Water-Clean	ULE90130-06-UCL-00	0.0		0.0	£ -	0.0	£ -
								Utility Co	Water-Foul	ULE90130-06-UFL-00	0.0		0.0	£ -	0.0	£ -
								Utility Co	Telec - BT	ULE90130-06-UBT-00	0.0		0.0	£ -	0.0	£ -
								Utility Co	Telec - TW	ULE90130-06-UTE-00	0.0		0.0	£ -	0.0	£ -
								Utility Co	Telec - C&W	ULE90130-06-UCW-00	0.0		0.0	£ -	0.0	£ -
								Utility Co	Telec - THUS	ULE90130-06-UTH-00	0.0		0.0	£ -	0.0	£ -
								Utility Co	Telec - EasyN	ULE90130-06-U -00	0.0		0.0	£ -	0.0	£ -
								Utility Co	Telec - NTL	ULE90130-06-U -00	0.0		0.0	£ -	0.0	£ -
								Utility Co	Lighting	ULE90130-06-UTL-00	0.0		0.0	£ -	0.0	£ -
								Utility Co	Surface Water	ULE90130-06-USW-00	0.0		0.0	£ -	0.0	£ -
								Utility Co	Others	ULE90130-06-UTL-00	0.0		0.0	£ -	0.0	£ -
							* NON - MUDFA									
MUDFA Section 6 Total =																£ 1,198,435.42



ALFRED McALPINE INFRASTRUCTURE SERVICES (AMIS) - MULTI UTILITY DIVERSION FRAMEWORK AGREEMENT (MUDFA WORKSCOPE)

Tie PRGJECT CODING & WBS				AMIS PROJECT WBS				WORKSCOPE DEFINITION			WORKSCOPE QUANTIFICATIONS				COSTS	
Phase/Line	Sections	Sub-Sections	WBS	Sectors	Sections	Work Sites	Work Packs	Category	Utility	Drawing No's	UTL Lengths	Transverse Uplift %	Total Length	Rates	Factor	€s
										Utility Descriptions	Quantity	Units				
										Power	110	Metres				
										Gas	230	Metres				
										Water Clean	780	Metres				
										Water Foul/GP	0	Metres				
										Telec - BT	24	Metres				
										Telec - TW	0	Metres				
										Telec - C&W	0	Metres				
										Telec - THUS	0	Metres				
										Telec - EasyN	0	Metres				
										Telec - NTL	0	Metres				
										Lighting	127	Metres				
										Surface Water	165	Metres				
										Others	0	Metres				
											1,435					

ALFRED McALPINE INFRASTRUCTURE SERVICES (AMIS) - MULTI UTILITY DIVERSION FRAMEWORK AGREEMENT (MUDFA WORKSCOPE)

THE PROJECT CODING & WBS				AMIS PROJECT WBS				WORKSCOPE DEFINITION			WORKSCOPE QUANTIFICATIONS					COSTS
Phase/Line	Sections	Sub-Sections	WBS	Sectors	Sections	Work Sites	Work Packs	Category	Utility	Drawing No's	UTL Lengths	Transverse Uplift %	Total Length	Rates	Factor	£'s
1A / 1	7A	7A	5	7A	7AWSE001	7AWSI001/001	WP 001 - HV 1		Power	ULE90130-07A-USP-00209	330.0	15.0%	379.5	£ 389.18	2.0	£ 295,383.97
								No Service	Gas	ULE90130-07A-UGS-00	0.0		0.0	£ -	0.0	£ -
								No Service	Water-Clean	ULE90130-07A-UCL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Water-Foul	ULE90130-07A-UFL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - BT	ULE90130-07A-UBT-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - TV	ULE90130-07A-UTE-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - C&W	ULE90130-07A-UCW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - THUS	ULE90130-07A-UTH-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-07A-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-07A-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-07A-UTL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-07A-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-07A-UTI-00	0.0		0.0	£ -	0.0	£ -
								1A / 1	7A	7A	5	7A	7AWSE001	7AWSI001/001	WP 002 - HV 2	
No Service	Gas	ULE90130-07A-UGS-00	0.0		0.0	£ -	0.0									£ -
No Service	Water-Clean	ULE90130-07A-UCL-00	0.0		0.0	£ -	0.0									£ -
No Service	Water-Foul	ULE90130-07A-UFL-00	0.0		0.0	£ -	0.0									£ -
No Service	Telec - BT	ULE90130-07A-UBT-00	0.0		0.0	£ -	0.0									£ -
No Service	Telec - TV	ULE90130-07A-UTE-00	0.0		0.0	£ -	0.0									£ -
No Service	Telec - C&W	ULE90130-07A-UCW-00	0.0		0.0	£ -	0.0									£ -
No Service	Telec - THUS	ULE90130-07A-UTH-00	0.0		0.0	£ -	0.0									£ -
No Service	Telec - EasyN	ULE90130-07A-U -00	0.0		0.0	£ -	0.0									£ -
No Service	Telec - NTL	ULE90130-07A-U -00	0.0		0.0	£ -	0.0									£ -
No Service	Lighting	ULE90130-07A-UTL-00	0.0		0.0	£ -	0.0									£ -
No Service	Surface Water	ULE90130-07A-USW-00	0.0		0.0	£ -	0.0									£ -
No Service	Others	ULE90130-07A-UTI-00	0.0		0.0	£ -	0.0									£ -
1A / 1	7A	7A	5	7A	7AWSE001	7AWSI001/001	WP 003 - HV 3									
								No Service	Gas	ULE90130-07A-UGS-00	0.0		0.0	£ -	0.0	£ -
								No Service	Water-Clean	ULE90130-07A-UCL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Water-Foul	ULE90130-07A-UFL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - BT	ULE90130-07A-UBT-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - TV	ULE90130-07A-UTE-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - C&W	ULE90130-07A-UCW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - THUS	ULE90130-07A-UTH-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-07A-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-07A-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-07A-UTL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-07A-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-07A-UTI-00	0.0		0.0	£ -	0.0	£ -
								1A / 1	7A	7A	5	7A	7AWSE001	7AWSI001/001	WP 004 - TC 1	
No Service	Gas	ULE90130-07A-UGS-00	0.0		0.0	£ -	0.0									£ -
No Service	Water-Clean	ULE90130-07A-UCL-00	0.0		0.0	£ -	0.0									£ -
No Service	Water-Foul	ULE90130-07A-UFL-00	0.0		0.0	£ -	0.0									£ -
No Service	Telec - BT	ULE90130-07A-UBT-00	0.0		0.0	£ -	0.0									£ -
No Service	Telec - TV	ULE90130-07A-UTE-00	0.0		0.0	£ -	0.0									£ -
No Service	Telec - C&W	ULE90130-07A-UCW-00	0.0		0.0	£ -	0.0									£ -
No Service	Telec - THUS	ULE90130-07A-UTH-00	0.0		0.0	£ -	0.0									£ -
No Service	Telec - EasyN	ULE90130-07A-U -00	0.0		0.0	£ -	0.0									£ -
No Service	Telec - NTL	ULE90130-07A-U -00	0.0		0.0	£ -	0.0									£ -
No Service	Lighting	ULE90130-07A-UTL-00	0.0		0.0	£ -	0.0									£ -
No Service	Surface Water	ULE90130-07A-USW-00	0.0		0.0	£ -	0.0									£ -
No Service	Others	ULE90130-07A-UTI-00	0.0		0.0	£ -	0.0									£ -
1A / 1	7A	7A	5	7A	7AWSE001	7AWSI001/001	WP 005 - TC 2									
								No Service	Gas	ULE90130-07A-UGS-00	0.0		0.0	£ -	0.0	£ -
								No Service	Water-Clean	ULE90130-07A-UCL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Water-Foul	ULE90130-07A-UFL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - BT	ULE90130-07A-UBT-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - TV	ULE90130-07A-UTE-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - C&W	ULE90130-07A-UCW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - THUS	ULE90130-07A-UTH-00	0.0		0.0	£ -	0.0	£ -

ALFRED McALPINE INFRASTRUCTURE SERVICES (AMIS) - MULTI UTILITY DIVERSION FRAMEWORK AGREEMENT (MUDFA WORKSCOPE)																
Tie PROJECT CODING & WBS				AMIS PROJECT WBS				WORKSCOPE DEFINITION				WORKSCOPE QUANTIFICATIONS				COSTS
Phase/Line	Sections	Sub-Sections	WBS	Sectors	Sections	Work Sites	Work Packs	Category	Utility	Drawing No's	UTL Lengths	Transverse Uplift %	Total Length	Rates	Factor	£'s
1A / 1	7A	7A	5	7A	7AWSE001	7AWSI001/001	WP 005 - TC 3	No Service	Telec - EasyN	ULE90130-07A-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-07A-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-07A-UTL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-07A-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-07A-UTL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Power	ULE90130-07A-USP-00	0.0		0.0	£ -	0.0	£ -
								No Service	Gas	ULE90130-07A-UGS-00	0.0		0.0	£ -	0.0	£ -
								No Service	Water-Clean	ULE90130-07A-UCL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Water-Foul	ULE90130-07A-UFL-00	0.0		0.0	£ -	0.0	£ -
									Telec - BT	ULE90130-07A-UBT-00509	153.0	5.0%	160.7	£ 356.34	2.0	£ 114,491.00
								No Service	Telec - TVV	ULE90130-07A-UTE-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - C&W	ULE90130-07A-UCW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - THUS	ULE90130-07A-UTH-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-07A-U -00	0.0		0.0	£ -	0.0	£ -
1A / 1	7A	7A	5	7A	7AWSE001	7AWSI001/001	WP 007 - MU	No Service	Telec - NTL	ULE90130-07A-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-07A-UTL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-07A-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-07A-UTL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Power	ULE90130-07A-USP-00	0.0		0.0	£ -	0.0	£ -
									Gas	ULE90130-07A-UGS-00109	141.0		141.0	£ 877.76	2.0	£ 247,527.25
								No Service	Water-Clean	ULE90130-07A-UCL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Water-Foul	ULE90130-07A-UFL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - BT	ULE90130-07A-UBT-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - TVV	ULE90130-07A-UTE-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - C&W	ULE90130-07A-UCW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - THUS	ULE90130-07A-UTH-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-07A-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-07A-U -00	0.0		0.0	£ -	0.0	£ -
1A / 1	7A	7A	5	7A	7AWSE001	7AWSI001/002	N/A	No Service	Lighting	ULE90130-07A-UTL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-07A-USW-00	0.0		0.0	£ -	0.0	£ -
									Comb Sewers	ULE90130-07A-UTL-00409	138.0		138.0	£ -	2.0	£ -
									Power	ULE90130-07A-USP-00208	367.5	10.0%	404.3	£ 389.18	2.0	£ 314,648.15
									Gas	ULE90130-07A-UGS-00108	187.5		187.5	£ 877.76	2.0	£ 329,158.58
								No Service	Water-Clean	ULE90130-07A-UCL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Water-Foul	ULE90130-07A-UFL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - BT	ULE90130-07A-UBT-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - TVV	ULE90130-07A-UTE-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - C&W	ULE90130-07A-UCW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - THUS	ULE90130-07A-UTH-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-07A-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-07A-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-07A-UTL-00	0.0		0.0	£ -	0.0	£ -
1A / 1	7A	7A	5	7A	7AWSE001	7AWSI001/003	WP 001	No Service	Surface Water	ULE90130-07A-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-07A-UTL-00	0.0		0.0	£ -	0.0	£ -
									Power	ULE90130-07A-USP-00208	315.0	10.0%	346.5	£ 389.18	2.0	£ 245,180.37
									Gas	ULE90130-07A-UGS-00108	87.0		87.0	£ 877.76	2.0	£ 152,729.50
									Water-Clean	ULE90130-07A-UCL-00308	14.0	30.0%	18.2	£ 340.19	2.0	£ 9,525.31
								No Service	Water-Foul	ULE90130-07A-UFL-00	0.0		0.0	£ -	0.0	£ -
									Telec - BT	ULE90130-07A-UBT-00508	84.0	10.0%	92.4	£ 356.34	2.0	£ 59,864.57
								No Service	Telec - TVV	ULE90130-07A-UTE-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - C&W	ULE90130-07A-UCW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - THUS	ULE90130-07A-UTH-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-07A-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-07A-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-07A-UTL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-07A-USW-00	0.0		0.0	£ -	0.0	£ -
1A / 1	7A	7A	5	7A	7AWSE001	7AWSI001/004	N/A		Power Systems	ULE90130-07A-UTL-01508	73.0		73.0	£ 1,000.00	2.0	£ 146,000.00
								No Service	Power	ULE90130-07A-USP-00	0.0		0.0	£ -	0.0	£ -
								No Service	Gas	ULE90130-07A-UGS-00	0.0		0.0	£ -	0.0	£ -
								No Service	Water-Clean	ULE90130-07A-UCL-00	0.0		0.0	£ -	0.0	£ -
No Service	Water-Foul	ULE90130-07A-UFL-00	0.0		0.0	£ -	0.0	£ -								

ALFRED McALPINE INFRASTRUCTURE SERVICES (AMIS) - MULTI UTILITY DIVERSION FRAMEWORK AGREEMENT (MUDFA WORKSCOPE)

The PROJECT CODING & WBS				AMIS PROJECT WBS				WORKSCOPE DEFINITION			WORKSCOPE QUANTIFICATIONS					COSTS
Phase/Line	Sections	Sub-Sections	WBS	Sectors	Sections	Work Sites	Work Packs	Category	Utility	Drawing No's	UTL Lengths	Transverse Uplift %	Total Length	Rates	Factor	£'s
								No Service	Telec - BT	ULE90130-07A-UBT-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - TW	ULE90130-07A-UTE-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - C&W	ULE90130-07A-UCW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - THUS	ULE90130-07A-UTH-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-07A-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-07A-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-07A-UTL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-07A-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Power Systems	ULE90130-07A-UTL-01607	58.5		58.5	£ 1,000.00	2.0	£ 117,000.00
1A / 1	7A	7A	5	7A	7AWSE002	7AWSI002/001	N/A	No Service	Power	ULE90130-07A-USP-00	0.0		0.0	£ -	0.0	£ -
								No Service	Gas	ULE90130-07A-UGS-00	0.0		0.0	£ -	0.0	£ -
								No Service	Water-Clean	ULE90130-07A-UCL-00306	30.0	30.0%	30.0	£ 340.19	2.0	£ 20,411.38
								No Service	Water-Foul	ULE90130-07A-UFL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - BT	ULE90130-07A-UBT-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - TW	ULE90130-07A-UTE-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - C&W	ULE90130-07A-UCW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - THUS	ULE90130-07A-UTH-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-07A-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-07A-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-07A-UTL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-07A-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-07A-UTL-00	0.0		0.0	£ -	0.0	£ -
1A / 1	7A	7A	4	7A	7AWSE002	7AWSI002/002	N/A	No Service	Power	ULE90130-07A-USP-00	0.0		0.0	£ -	0.0	£ -
								No Service	Gas	ULE90130-07A-UGS-00	0.0		0.0	£ -	0.0	£ -
								No Service	Water-Clean	ULE90130-07A-UCL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Water-Foul	ULE90130-07A-UFL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - BT	ULE90130-07A-UBT-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - TW	ULE90130-07A-UTE-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - C&W	ULE90130-07A-UCW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - THUS	ULE90130-07A-UTH-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-07A-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-07A-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-07A-UTL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-07A-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-07A-UTL-00	0.0		0.0	£ -	0.0	£ -
1A / 1	7A	7A	4	7A	7AWSE002	7AWSI002/003	N/A	No Service	Power	ULE90130-07A-USP-00	0.0		0.0	£ -	0.0	£ -
								No Service	Gas	ULE90130-07A-UGS-00	0.0		0.0	£ -	0.0	£ -
								No Service	Water-Clean	ULE90130-07A-UCL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Water-Foul	ULE90130-07A-UFL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - BT	ULE90130-07A-UBT-00505	28.0	10.0%	28.0	£ 356.34	1.0	£ 9,264.76
								No Service	Telec - TW	ULE90130-07A-UTE-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - C&W	ULE90130-07A-UCW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - THUS	ULE90130-07A-UTH-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-07A-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-07A-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-07A-UTL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-07A-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-07A-UTL-00	0.0		0.0	£ -	0.0	£ -
1A / 1	7A	7A	4	7A		7AWSI002/004	N/A	No Service	Power	ULE90130-07A-USP-00	0.0		0.0	£ -	0.0	£ -
								No Service	Gas	ULE90130-07A-UGS-00	0.0		0.0	£ -	0.0	£ -
								No Service	Water-Clean	ULE90130-07A-UCL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Water-Foul	ULE90130-07A-UFL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - BT	ULE90130-07A-UBT-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - TW	ULE90130-07A-UTE-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - C&W	ULE90130-07A-UCW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - THUS	ULE90130-07A-UTH-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-07A-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-07A-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-07A-UTL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-07A-USW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Others	ULE90130-07A-UTL-00	0.0		0.0	£ -	0.0	£ -

ALFRED McALPINE INFRASTRUCTURE SERVICES (AMIS) - MULTI UTILITY DIVERSION FRAMEWORK AGREEMENT (MUDFA WORKSCOPE)

Tie PROJECT CODING & WBS				AMIS PROJECT WBS				WORKSCOPE DEFINITION			WORKSCOPE QUANTIFICATIONS				COSTS	
Phase/Line	Sections	Sub-Sections	WBS	Sectors	Sections	Work Sites	Work Packs	Category	Utility	Drawing No's	UTL Lengths	Transverse Uplift %	Total Length	Rates	Factor	£'s
1A / 1	7A	7A	4	7A	7AWSE003	7AWSE003/001	N/A		Power	ULE90130-07A-USP-00203	44.0	7.5%	47.3	£ 389.18	1.0	£ 17,123.71
								No Service	Gas	ULE90130-07A-UGS-00	0.0		0.0	£ -	0.0	£ -
								No Service	Water-Clean	ULE90130-07A-UCL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Water-Foul	ULE90130-07A-UFL-00	0.0		0.0	£ -	0.0	£ -
									Telec - BT	ULE90130-07A-UBT-00503	26.0	10.0%	30.8	£ 355.34	1.0	£ 9,977.43
								No Service	Telec - TW	ULE90130-07A-UTE-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - C&W	ULE90130-07A-UCW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - THUS	ULE90130-07A-UTH-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-07A-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-07A-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-07A-UTL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-07A-USW-00	0.0		0.0	£ -	0.0	£ -
									Others	ULE90130-07A-UTL-01503	32.0		32.0	£ -	1.0	£ -
1A / 1	7A	7A	4	7A	7AWSE003	7AWSE003/002	N/A		Power	ULE90130-07A-USP-01501	22.0	10.0%	24.2	£ 389.18	1.5	£ 12,842.78
								No Service	Gas	ULE90130-07A-UGS-00	0.0		0.0	£ -	0.0	£ -
									Water-Clean	ULE90130-07A-UCL-00401	42.0	10.0%	46.2	£ 340.19	1.5	£ 21,431.95
								No Service	Water-Foul	ULE90130-07A-UFL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - BT	ULE90130-07A-UBT-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - TW	ULE90130-07A-UTE-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - C&W	ULE90130-07A-UCW-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - THUS	ULE90130-07A-UTH-00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - EasyN	ULE90130-07A-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Telec - NTL	ULE90130-07A-U -00	0.0		0.0	£ -	0.0	£ -
								No Service	Lighting	ULE90130-07A-UTL-00	0.0		0.0	£ -	0.0	£ -
								No Service	Surface Water	ULE90130-07A-USW-00	0.0		0.0	£ -	0.0	£ -
									Others	ULE90130-07A-UTL-00401	16.0		16.0	£ 1,000.00	1.5	£ 24,000.00
* NON - MUDFA																
<b>MUDFA Section 7A Total =</b>																
<b>£ 2,996,752.92</b>																

Utility Descriptions	Quantity	Units
Power	2,294	Metres
Gas	416	Metres
Water-Clean	103	Metres
Water-Foul/GP	0	Metres
Telec - BT	312	Metres
Telec - TW	0	Metres
Telec - C&W	0	Metres
Telec - THUS	0	Metres
Telec - EasyN	0	Metres
Telec - NTL	0	Metres
Lighting	0	Metres
Surface Water	0	Metres
Others	318	Metres
	<b>3,443</b>	

BoQ Sample Rates					Composite Rate			BoQ Sample Rates					Composite Rate		
Description	Diameter	Location	Rate	Unit	Q / Average	CR	Cost	Description	Diameter	Location	Rate	Unit	Q / Average	CR	Cost
Connect to existing apparatus	90mm	Carriageway	375.46	nr	2	321.33	642.86	Excavate trench n/e 2m deep, lay 2 way duct	125mm	Carriageway	321.76	m	40	332.11	13,284.57
Connect to existing apparatus	90mm	Carriageway	238.08	nr				Excavate trench n/e 2m deep, lay 2 way duct	100mm	Carriageway	317.41	m			
Connect to existing apparatus	90mm	Carriageway	331.05	nr				Excavate trench n/e 2m deep, lay 2 way duct	125mm	Carriageway	321.76	m			
Connect to existing apparatus	90mm	Carriageway	331.05	nr				Excavate trench n/e 2m deep, lay 3 way duct	125mm	Carriageway	365.69	m			
Connect to existing apparatus	90mm	Footpath	331.05	nr				Excavate trench n/e 2m deep, lay 4 way duct	150mm	Carriageway	398.22	m			
Excavate trench n/e 1.5m deep and lay 4 way duct	90mm	Carriageway	118.29	m	40	160.54	6,421.76	Excavate trench n/e 2m deep, lay 4 way duct	150mm	Carriageway	431.50	m	4	390.60	1,121.58
Excavate trench n/e 1.5m deep and lay 6 way duct	90mm	Carriageway	119.11	m				Excavate trench n/e 2m deep, lay 4 way duct	150mm	Carriageway	467.46	m			
Excavate trench n/e 2m deep and lay 6 way duct	90mm	Carriageway	202.63	m				Excavate trench n/e 2m deep, lay 4 way duct	150mm	Carriageway	467.46	m			
Excavate trench n/e 2m deep and lay 6 way duct	90mm	Carriageway	197.80	m				Excavate trench n/e 2m deep, lay 4 way duct	150mm	Carriageway	467.46	m			
Excavate trench n/e 2.00m deep and lay 9 way duct	90mm	Footpath	164.93	m				Excavate trench n/e 2m deep, lay LV cables	LV	Carriageway	247.50	m3			
Extra Over jointing chamber 11C	90mm	Carriageway	1,369.22	nr	2	4,049.43	8,098.85	Joint pit for LV cables	LV	Carriageway	318.20	m3	2	1,001.75	2,003.50
Extra Over jointing chamber 12C	90mm	Carriageway	1,116.36	nr				Joint pit for LV cables	LV	Carriageway	318.20	m3			
Extra Over jointing chamber 14B	90mm	Carriageway	1,455.49	nr				Joint pit for trench n/e 2m deep	125mm	Carriageway	907.84	nr			
Extra Over jointing chamber, MK491	90mm	Carriageway	7,851.00	nr				Joint pit for trench n/e 2m deep	125mm	Carriageway	453.82	nr			
Extra Over jointing chamber, MK509	90mm	Carriageway	11,201.00	nr				Joint pit for trench n/e 2m deep	125mm	Carriageway	1,546.79	nr			
Extra Over for jointing chamber, 110C	90mm	Footpath	1,304.48	nr	Joint pit for trench n/e 2m deep	150mm	Carriageway	211.13	m3						
<b>Telecommunications - ALL</b>								<b>POWER</b>							
<b>Composite Rate</b>								<b>Composite Rate</b>							
15,163.27								379.06							
<b>Final Rate</b>								<b>Final Rate</b>							
356.34								418.47							
								16,738.72							
								389.18							
Description	Diameter	Location	Rate	Unit	Q / Average	CR	Cost	Description	Diameter	Location	Rate	Unit	Q / Average	CR	Cost
Connection to existing apparatus, 125mm PE	125mm	Carriageway	4,770.45	nr	2	5,110.09	10,220.17	Characterisation of pipework	150mm	Carriageway	473.85	nr	1	473.85	473.85
Connection to existing apparatus, 125mm PE	125mm	Carriageway	2,970.38	nr				Characterisation of pipework	100mm	Carriageway	473.85	nr			
Connection to existing apparatus, 125mm PE	125mm	Carriageway	2,794.58	nr				Characterisation of pipework	100mm	Carriageway	473.85	nr			
Connection to existing apparatus, 125mm PE	125mm	Carriageway	2,794.59	nr				Characterisation of pipework	125mm	Carriageway	473.85	nr			
Connection to existing apparatus, 180mm PE	180mm	Carriageway	2,490.70	nr				Connection to existing pipework, 180mm CI	125mm	Carriageway	1,011.15	nr			
Connection to existing apparatus, 200mm iron	250mm	Carriageway	3,664.25	nr	Connection to existing pipework, 180mm CI	125mm	Carriageway	1,596.14	nr						
Connection to existing apparatus, 225mm iron	250mm	Carriageway	5,870.81	nr	Connection to existing pipework, 180mm CI	180mm	Carriageway	1,874.81	nr						
Connection to existing apparatus, 250mm iron	315mm	Carriageway	6,210.03	nr	Connection to existing pipework, 180mm CI	180mm	Carriageway	1,874.81	nr						
Connection to existing apparatus, 315mm iron	315mm	Carriageway	5,761.84	nr	Excavate trench n/e 2m deep & lay pipe	150mm	Carriageway	695.07	m						
Connection to existing apparatus, 335mm iron	335mm	Carriageway	5,980.17	m	Excavate trench n/e 2m deep & lay pipe	150mm	Carriageway	213.08	m						
Connection to existing apparatus, 400mm iron	469mm	Carriageway	12,693.12	m	Excavate trench n/e 2m deep & lay pipe	150mm	Carriageway	274.88	m						
Excavate trench n/e 1.5m deep, lay PE pipe	125mm	Carriageway	208.46	m	20	397.64	7,952.79	Excavate trench n/e 2m deep & lay pipe	125mm	Carriageway	305.14	m	45	217.28	7,881.28
Excavate trench n/e 2m deep, lay PE pipe	125mm	Carriageway	195.57	m				Excavate trench n/e 2m deep & lay pipe	125mm	Carriageway	184.47	m			
Excavate trench n/e 2m deep, lay PE pipe	125mm	Carriageway	259.96	m				Excavate trench n/e 2m deep & lay pipe	125mm	Carriageway	274.88	m			
Excavate trench n/e 2m deep, lay PE pipe	125mm	Carriageway	200.18	m				Excavate trench n/e 2m deep & lay pipe	125mm	Carriageway	305.14	m			
Excavate trench n/e 2m deep, lay PE pipe	180mm	Carriageway	213.87	m				Excavate trench n/e 2m deep & lay pipe	125mm	Carriageway	184.47	m			
Excavate trench n/e 2m deep, lay PE pipe	250mm	Carriageway	308.09	m	Extra Over for supply connections	125mm	Carriageway	673.29	nr	2	642.15	1,284.30			
Excavate trench n/e 2m deep, lay PE pipe	250mm	Carriageway	329.65	m	Extra Over for valves, cable manholes & covers	150mm	Carriageway	471.07	nr						
Excavate trench n/e 2m deep, lay PE pipe	315mm	Carriageway	374.61	m	Thrust Blocks, 4m	150mm	Carriageway	242.82	m3						
Excavate trench n/e 2m deep, lay PE pipe	315mm	Carriageway	411.71	m	Thrust Blocks, 4m	100mm	Carriageway	483.72	m3						
Excavate trench n/e 2m deep, lay PE pipe	335mm	Carriageway	408.16	m	Thrust Blocks, 4m	150mm	Carriageway	242.82	m3						
Excavate trench n/e 1.5m deep, lay PE pipe	469mm	Carriageway	476.42	m	Thrust Blocks, 4m	125mm	Carriageway	483.72	m3	1	483.72	483.72			
Excavate trench n/e 2.0m deep, lay PE pipe	469mm	Carriageway	553.58	m	<b>Water - Clean</b>										
Excavate trench n/e 2.5m deep, lay PE pipe	469mm	Carriageway	495.29	m	<b>Composite Rate</b>										
Excavate trench n/e 2.5m deep, lay PE pipe	469mm	Carriageway	517.63	m	<b>Final Rate</b>										
Excavate trench n/e 2m deep, lay PE pipe	469mm	Carriageway	365.70	m	361.98										
Excavate trench n/e 2m deep, lay PE pipe	469mm	Carriageway	491.05	m											
Excavate trench n/e 2m deep, lay PE pipe	469mm	Carriageway	468.11	m											
Extra over for dealing with supply connections	125mm	Carriageway	648.06	nr	2	651.35	1302.705	<b>Water - Foul</b>							
Extra over for dealing with supply connections	250mm	Carriageway	592.06	nr				<b>Composite Rate</b>							
Extra over for dealing with supply connections	250mm	Carriageway	631.40	nr				<b>Final Rate</b>							
Extra over for dealing with supply connections	469mm	Carriageway	793.88	nr				1,424.88							
Protection	180mm	Carriageway	2,464.10	m											
<b>Gas</b>								<b>Water - Foul</b>							
<b>Composite Rate</b>								<b>Composite Rate</b>							
933.7832								11,866.89							
<b>Final Rate</b>								<b>Final Rate</b>							
877.76								1,424.88							

Telecommunications - ALL	356.34
Gas	877.76
Water - Clean	361.98
POWER	418.47
Water - Foul	1,424.88