	OPTION COMPARISON ESTIMATES (PHASE 2)										
Project Name	K	(ilbeggan to Mu	llingar Greenwa	ıy	TII Ref.	W	/H/23/32548	_			
					Phase		2	X-Sec			
Possible Mid-Construction Date	2030	Current Year	2024	Inflation- Construction	3%	Inflation Lan	Inflation Land & Property			% Prog. Risk	5%
Option Number / Reference	1A	2A	1B	2B	1C	2C	1D	2D	Link CD	Lilliput Link	
Mainline Length	8.00	4.00	1.90	2.60	4.50	5.10	14.10	16.10	1.50	2.90	
Grade Separated Junctions	0	0	0	0	0	0	0	0	0	0	
No. of Bridges (Ordinary)	2	3	2	3	1	1	8	7	0	0	
No.Viaducts / Signature Structures	0	0	0	0	0	0	0	0	0	0	
OPTIONS COSTS											
BASE COSTS (Incl VAT & Project Specific Risk Contingencies) - €million											
Main Contract Construction	€5,465,188	€3,209,893	€1,300,249	€1,958,022	€2,493,016	€3,019,649	€13,505,362	€14,128,909	€729,094	€1,783,193	
Main Contract Supervision	€385,211	€226,248	€91,648	€138,010	€175,719	€212,839	€951,920	€995,870	€51,390	€125,688	
Archaeology	€361,136	€212,107	€85,920	€129,385	€164,737	€199,536	€892,425	€933,628	€48,178	€117,832	
Advance Works and Other Contracts	€240,757	€141,405	€57,280	€86,256	€109,824	€133,024	€594,950	€622,419	€32,119	€78,555	
Public Transport Connectivity/Asset Renewal	€0	€0	€0	€0	€0	€0	€0	€0	€0	€0	
Land & Property	€779,658	€405,017	€192,383	€263,261	€283,512	€486,021	€810,035	€972,041	€30,376	€70,878	
Planning & Design	€385,211	€226,248	€91,648	€138,010	€175,719	€212,839	€951,920	€995,870	€51,390	€125,688	
Subtotal	€7,617,162	€4,420,918	€1,819,127	€2,712,945	€3,402,528	€4,263,908	€17,706,611	€18,648,738	€942,547	€2,301,833	
Total Inflation Allowance	€1,404,221	€814,995	€335,355	€500,130	€627,255	€786,050	€3,264,208	€3,437,889	€173,758	€424,342	
TII Programme Risk	€380,858	€221,046	€90,956	€135,647	€170,126	€213,195	€885,331	€932,437	€47,127	€115,092	
Option Comparison Estimate	€9,402,241	€5,456,959	€2,245,439	€3,348,722	€4,199,909	€5,263,153	€21,856,149	€23,019,063	€1,163,432	€2,841,267	
Signatures	Project Service	s	Richa	rd Ke	lly	Senior Engineeri	ng Inspector	Milian	l wi	Viden	
Signatures Project Services Regional Manager Richard Kelly Senior Engineering Inspector Model W							=				

	Estimate	Assump	tions Sheet		Bonneagar jargair Eireann Transpool jargair Eireann				
ROJECT TITLE SURRENT PHASE ROJECT MANAGER	Kilbeggan to Mullingar Greenway Project Phase 2 Option Selection Gareth McElhinney	BASE DATE I	RRENT ESTIMATE FOR RATES (CURRENT ESTIMATE)	05/09/2024 Feb-23 Michael Conway					
Main Co	nstruction Contract (Insert Information v	where avail	able – use Preferred Option a	t Phase 2)					
A	Mainline Length Total	31.6	km Section Type						
	Mainline – extent of any overlay		km % in Urban Environment		%				
	Links Road Length		km Section Type						
	Side Roads Length		km Section Type						
	Grade Separated Junctions		Nr. Interchanges (Freeflow)		Nr.				
	At-Grade Junctions – Mainline Only		Nr. Other Locations		Nr.				
	Overbridges	14	Nr. Number on Mainline	14	Nr.				
	Underbridges		Nr. Number on Mainline		Nr.				
	Signature Structures - Span		m Structure Type						
1	Tunnels		km Pavement Detail						
	Earthworks – Cut Volume		m ³ Fill Volume		m ³				
	Earthworks – Import of Acceptable		m ³ EO for Hard Material		m ³				
В	Earthworks – Ground Conditions (please describe briefly anticipated ground conditions)								
С	Accommodation Works - Underpasses			Nr.					
	Accommodation Works – Access Tracks	S		km					
D	Other Information on the Main Construction Contract (e.g. Active Travel, Key Constraints or Challenges)								
l and an	d Property (Additional Information to that	at contained	l in the estimate summary and	d hack-un)					
Land and	Property payments in line with Code of Be				bility				
Payment	s (GSP) valuation for Agricultural Lands sourced fro	om SCSI at l	nttns://scsi ie/wn-content/unload	1s/2024/04/SCSI-					
Teagasc	_2024_Agri_Report.pdf - Inflation 23-24 ad	ded at 3.9%		10,2027,07,0001					
	Disterbance payments assumbed as €10,5 Affection payments assumbed at 75% of la								

	Estimate Assumptions Sheet							
PROJECT TITLE	Kilbeggan to Mullingar Greenway Project	DATE OF CURRENT ESTIMATE	05/09/2024					
CURRENT PHASE	Phase 2 Option Selection	BASE DATE FOR RATES	Feb-23					
PROJECT MANAGER	Gareth McElhinney	ESTIMATOR (CURRENT ESTIMATE)	Michael Conway					
	,	,	,					
Progra	mme							
3								
Any Oth	ner Relevant Information (including notes o	n the other 5 Cost Headings)						
The em	0 0.	pased on the best preforming route corridor op	otion from the TAA and CBA					
Public 1	ransport Connectivity: Set to 0% instead o	f the default 7.5%.						
Active 7	ravel: No allowance has been included for	active travel.						
		avement, these costs are covered in Kerbs, F	ootways and Paved Areas.					
	and Electrical - No allowance has been m							
	odation Works: Rate set 20% of Corduff roa							
	Signs: Rate set to 20% of Corduff road real							
	arkings: Rate set to 20% of Corduff road							
		o 20% of Corduff road realignment scheme of	costs per km.					
	naries; Set to 20% of MCC.							
	y Authorities & Utilities: Set to 10% of MCC							
	ner Obligations and Liabilities of the Contra							
		tion rate of 22% was added to these rates.						
		the estimate and where they were sourced.						
added t	o the 2023 baseline rates, as per SCSI http	where directly comparable items were availables://scsi.ie/tender-price-index-2024-press-rele	ase/					
Note: Above information prices have been been been been been been been be		n key exclusions from base cost or any key as	sumptions on which rates and					

Lev	Level 2 Estimate Summary Sheet Option 1A							
		o Mullingar Greenway Project		INSERT DATE	OF ESTIMATE			
DI	05/09/202 Phase 2 Option Selection INSERT BASE							
Phase	2 Opt	tion Selection		Feb-23	DATE FOR RATES			
INSER	T NAN	ME OF TECHNICAL ADVISOR	INSERT NAME O	F ESTIMATOR				
	Mainline Section Type : Greenway Mainline Length :						8.00	
		Roads Section Type:	n/a	Link Roads Ler			n/a	
1		Construction Contract (See attached for breakdown	-		Ü		-	
		ented to Level 2 detail)	Quantity	Unit	Rate €		Total €	
	а	Site Clearance	8	Per km	€1,777.96	€	14,224	
	b	Fencing	8	Per km	€64,130.17	€	513,041	
	С	Safety Barriers and Pedestrian Guardrails	8	Per km	€0.00	€	-	
	d	Drainage and Service Ducts	8	Per km	€55,827.42	€	446,619	
	е	Earthworks	8	Per km	€41,190.38	€	329,523	
	f	Pavement	8	Per km	€0.00	€	-	
	g	Kerbs, Footways and Paved Areas	8	Per km	€52,879.91	€	423,039	
1	h	Traffic Signs	8	Per km	€3,000.00	€	24,000	
1	j	Roadmarking	8	Per km	€3,400.00	€	27,200	
	k	Lighting and Electrical	8	Per km	€0.00	€	-	
	I	Landscaping and Environmental	8	Per km	€25,600.00	€	204,800	
	m	Structures (Including Tunnels - to be seperately identified)	1	Unit	€267,247.34	€	267,247	
	n	Accommodation Works	8	Per km	€10,798.60	€	86,389	
	р	Statutory Authorities & Utilities	8	Per km	€52,585.18	€	420,681	
	q	Other Costs	8	Per km	€52,585.18	€	420,681	
	r	Preliminaries	8	Per km	€126,204.43	€	1,009,635	
	S	Active Travel Costs	8	Per km	€0.00	€	<u>-</u>	
		Base Cost for Main Construction Contract (Excluding VAT)		45.00/		€	4,187,081	
		Project Specific Risk Contingency		15.0%		€	628,062	
	-	otal exclusive of VAT		40.50/		€	4,815,143	
		/AT at		13.5%		€	650,044 5,465,188	
	1	MCC Base Cost plus Project Specific Risk Contingency and VAT	1	1 1		-	3,403,100	
2	Land	and Property - All-In Costs	Quantity	Unit	Rate €			
	а	Mainline and Link Roads - Agricultural	7.7	На.	88047.23	€	677,964	
	b	Mainline and Link Roads - Zoned/Other		Ha.		€	-	
	С	Junction/Interchanges - Agricultural		Ha.		€	-	
	d	Junction/Interchanges - Zoned		Ha.		€	-	
	е 	Properties (See attached breakdown)		Item		€		
		Base Cost for Land and Property		15.0%		€	677,964	
	-	Project Specific Risk Contingency		15.0%		€	101,695 779,658	
	1	L&P Base Cost plus Project Specific Risk Contingency				-	113,000	
3		ning and Design						
	-	sion to take account of Actual Costs and Contract Amounts where k	nown	8.0%		€	334,966	
		Project Specific Risk Contingency		15.0%		€	50,245	
<u>L</u>	Total	P&D Base Cost plus Project Specific Risk Contingency				€	385,211	
4	Arch	aeology						
	Provis	sion to take account of Actual Costs and Contract Amounts where k	nown	7.5%		€	314,031	
	Add P	Project Specific Risk Contingency		15.0%		€	47,105	
	Total	Archaeology Base Cost plus Project Specific Risk Contingency and	VAT			€	361,136	
5	Adva	ince Works and Other Contracts						
	1	sion to take account of Actual Costs and Contract Amounts where k	nown	5.0%		€	209,354	
	Add P	Project Specific Risk Contingency		15.0%		€	31,403	
	Total	Enabling Works and Other Contracts Base Cost plus Project Speci	fic Risk Contingenc	у		€	240,757	
6	Main	Contract Supervision (Employer's Costs)						
		· · · · · · · · · · · · · · · · · · ·						

Lev	Level 2 Estimate Summary Sheet Option 1A								
		o Mullingar Greenway Project tion Selection	INSERT DATE OF ESTIN 05/09/2024 INSERT BASE DATE FO Feb-23						
	Provi	sion to take account of Actual Costs and Contract Amounts where known	8.0%	€	334,966				
	Add F	Project Specific Risk Contingency	15.0%	€	50,245				
	Total	MC Supervision (Employer's Costs) Base Cost plus Project Specific Risk Contingency	У	€	385,211				
7 Public Transport Connectivity/Asset Renewal									
	Provi	sion based on percentage of Main Construction Contract Base Cost	0.0%	€	-				
	Add F	Project Specific Risk Contingency	15.0%	€	-				
	Total	Walking / Cycling / PT Connectivity / Asset Renewal Base Cost plus Project Specific	Risk Contingency	€	-				
тот	AL LE	/EL 2 ESTIMATE INCLUSIVE OF VAT		€	7,617,162				
		Mainline Length 8.0	0 km Rate per k	m €	952,145				
I									
		Active Travel Costs (includes 10% L&P costs) Risk Incl	% of Total	Cost	n/a				
	N.B.	Active Travel Costs (includes 10% L&P costs) Risk Incl Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSERT RATES HE			n/a				
_	N.B.		RE FOR EACH COST HEADIN		n/a				
	N.B.	Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSERT RATES HE	RE FOR EACH COST HEADIN		n/a				
	N.B.	Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSERT RATES HE Figures above are EXCLUSIVE of provision for Inflation - base date to be stated if different from	RE FOR EACH COST HEADIN		n/a				

Lev	el 2 Backup Sheet (RCO1A)			
Kilbe	ggan to Mullingar Greenway Project	INSERT DATE EST	IMATE ISSUED	05/09/2024
	e 2 Option Selection	INSERT BASE DAT		Feb-23
INSEF	RT NAME OF TECHNICAL ADVISOR	INSERT NAME OF	ESTIMATOR	Michael Conway
Mair	n Construction Cost - Base Cost Estimate			
Sum	nmary			
Α	Site Clearance			€1,777.96
В	Fencing			€64,130.17
С	Safety Barriers and Pedestrian Guardrails			€0.00
D	Drainage and Service Ducts			€55,827.42
E	Earthworks			€41,190.38
F	Pavement			€0.00
G	Kerbs, Footways and Paved Areas			€52,879.91
Н	Traffic Signs	€3,000.00		
J	Roadmarking			€3,400.00
K	Lighting and Electrical			€0.00
L	Landscaping and Environmental			€25,600.00
М	Structures (Including Tunnels to be seperately identified)			€267,247.34
N	Accommodation Works			€10,798.60
Р	Statutory Authorities & Utilities			€52,585.18
Q	Any Other Obligations and Liabilities of the Contractor			€52,585.18
S	Active Travel			incl above
	Sub-Total			€631,022.13
R	Preliminaries		20%	€126,204.43
	MCC Base Cost Total excluding Project Specific Risk Contingency		_	€757,226.56
	Add Project Specific Risk Contingency	25	%	€189,307.00
	MCC Base Cost Total including Project Specific Risk Contingency		_	€946,533.56
	Add VAT at	13.5	%	€127,782.00
	MCC Base Cost Total including Project Specific Risk Contingency ar	nd VAT		€1,074,315.56

Level 2 Backup Sheet (RCO1A)				
Kilbeggan to Mullingar Greenway Project	INSERT DAT	E ESTIMA	ATE ISSUED	05/09/202
Phase 2 Option Selection	INSERT BAS	E DATE F	OR ESTIMATE	Feb-2
NSERT NAME OF TECHNICAL ADVISOR	INSERT NAM	ME OF ES	TIMATOR	Michael Conwa
Mainline Length		8		
MCC Cost per km based on Mainline Length Only		€1	18,316.69	
			, ,	
Mainline plus Link Road Length	L		n/a	
MCC Cost per km based on Mainline plus Link Road Length			n/a	
Schedule of Works	Quantity	Unit	Rate/Prices	
A Site Clearance				
A.1 General Site Clearance	0.8	На	€2,222.45	€1,777.9
A.2 Demolition of Buildings	0	Nr.	€3,605.02	€0.0
Site Clearance Total to Summary				€1,777.9
B Fencing				
B.1 Permanent Boundary Fencing	1500	m	€39.95	€59,924.3
B.2 Temporary Fencing	0	m	€11.52	€0.0
B.3 Mammal Fencing	0	m	€46.83	€0.0
B.4 Other Fencing (e.g. Palisade Security Fencing)	0	m	€70.10	€0.0
B.5 Other Fencing (e.g. Gates)	5	m	€841.17	€4,205.8
Fencing Total to Summary				€64,130.1
C Safety Barrier and Pedestrian Guardrails				
C.1 Safety Barrier (Specify Type)	0	m		
C.2 Median Barrier (Specify Type e.g. Concrete or Wire)	0	m		
C.3 Pedestrian Guardrail	0	m		
Safety Barrier and Pedestrian Guardrails Total to Summary				
D Drainage and Service Ducts				
D.1 Drainage - Sealed - Mainline and Link Roads		m	€54.03	
D.2 Drainage - Open - Mainline and Link Roads		m	€45.07	
D.3 Drainage and Service Ducts - Side Roads	1000	m	€50.07	50069.4
D.4 Drainage to Junctions/Interchanges (Chambers)	5	m	€1,151.60	5758.0
D.5 Outfalls		m	0	
D.6 Attenuation Ponds/Provision		Item	0	
D.7 Service Ducts (Specify Nr. Of Ducts) - Mainline and Link Roads		m	€87.62	
D.8 Service Ducts (Specify Nr. Of Ducts) - Junctions/Interchanges D.9 Service Ducts (Specify Nr. Of Ducts) - Side Roads		m	€87.62	
Drainage and Service Ducts Total to Summary		m		€55,827.4
E Earthworks				655,6271
Mainline & Link Roads			0:	
E.1 Excavation - Topsoil	1500	m3	€4.57	€6,857.4
E.2 Excavation - Acceptable	750	m3	€3.77	€2,824.7
E.3 Excavation - U1 E.4 Excavation - U2	0	m3	€3.09	€0.0
E.5 Extra Over Excavation for Hard Material	0	m3	€8.31 €14.00	€0.0 €0.0
E.6 Processing (Specify source and end use)	0	m3 m3	€14.00	€0.0
E.7 Disposal - U1	0	m3	€9.73	€0.0
E.8 Disposal - U2	0	m3	€272.13	€0.0
			€272.13	€28,676.4
E.9 Import (Specify)	1500	m3	₹.19.17I	+./A D/D 4

Level 2 Backup Sheet (RCO1A)			
Kilbeggan to Mullingar Greenway Project	INSERT DATE ESTIM	IATE ISSUED	05/09/2024
Phase 2 Option Selection	INSERT BASE DATE	FOR ESTIMATE	Feb-2
INSERT NAME OF TECHNICAL ADVISOR	INSERT NAME OF ES	STIMATOR	Michael Conwa
E11 Sub-formation and Formation	m2	€0.86	€0.00
E.12 Landscaping (Specify)	600 m3	€2.32	€1,390.18
E.13 Landscaping (Specify)	2000 m2	€0.80	€1,600.00
Earthworks Sub-Total			€41,190.3
Junctions/Interchanges			
Quantify works as per Mainline			-
Earthworks Sub-Total			
Side Roads			
Quantify works as per Mainline			
Earthworks Sub-Total			
Earthworks Total to Summary			€41,190.3
F Pavement			
Mainline			
F.1 Sub-Base (Specify)	m3	€17.63	€0.0
F.2 Compaction	m3	€7.21	€0.0
F.3 Roadbase (Specify)	m2	€30.77	€0.0
F.4 Base Course (Specify)	m2	€18.18	€0.0
F.5 Wearing Course (Specify) Pavement Sub-Total	m2	€12.87	€0.00 €0.00
Interchanges Quantify works as per Mainline Pavement Sub-Total		N/A	
Side Roads Quantify works as per Mainline		N/A	
Pavement Sub-Total		N/A	
Pavement Total to Summary			€0.0
G Kerbs Footways and Paved Areas			
Allowance based on project scope and historical costs	3000 sum	17.63	€52,879.9
			,
H Traffic Signs Allowance based on project scope and historical costs	sum		€3,000.0
Allowance based on project scope and historical costs	Juili		€3,000.0
J Roadmarkings			
Allowance based on project scope and historical costs	sum		€3,400.0
K Lighting and Electrical			
Allowance based on project scope and historical costs	sum	N/A	
L Landscaping and Environmental			
Allowance based on project scope and historical costs	sum		€25,600.0
M Structures (Including Tunnels to be seperately identified)			
Section 1 A Structures			
M.1 Structure Type A (Standard Concrete)	68 per m²	3930.1	€267,247.3

Level 2 Backup Sheet (RCO1A)			
Kilbeggan to Mullingar Greenway Project	INSERT DATE ESTIMAT	E ISSUED	05/09/2024
Phase 2 Option Selection	INSERT BASE DATE FO	R ESTIMATE	Feb-23
INSERT NAME OF TECHNICAL ADVISOR	INSERT NAME OF ESTI	MATOR	Michael Conway
M.2 Structure Type A (Standard Steel)	0 per m²	4936.6	€0.00
Structures Total to Summary			€267,247.34
INSERT FURTHER STRUCTURES AS NECESSARY - CLEARLY IDENTIF	Y SIGNATURE STRUCTURES		
N Accommodation Works			
Allowance based on project scope and historical costs	sum		€10,798.60
P Statutory Authorities & Utilities			
Allowance based on project scope and historical costs	%	10%	€52,585.18
Q Any Other Obligations and Liabilities of the Contractor			
Allowance based on project scope and historical costs	%	10%	€52,585.18
R Preliminaries			
R.1 Temporary Works including Traffic Management (Specify)	sum		
R.2 All other Preliminary Items	sum		
Preliminaries Total to Summary			€0.00
N.B. Figures are exclusive of VAT except where expressly stated above.			
Figures above are EXCLUSIVE of provision for Inflation - base date to be	stated if different from date of estimate.		
Total base costs to include for ALL qualifying costs under each cost heading	ng.		
Refer to the TII Cost Management Manual for information on coverage and	d format of back-up.		
See attached Estimate Assumptions Sheet for Further Project Information			
Land and Property			
Greenway Sustainability Payments	1000 per m	€40.91	€40,910.00
Land Acquisition Payments	8000 per m²	€2.62	€20,998.42
General Disturbance	1 per km	€10,390.00	€10,390.00
Injurious Affection	8000 per m²	€1.97	€15,748.81
Total Land and Property			€88,047.23

NSERT NAME OF TECHNICAL ADVISOR	Lev	Level 2 Estimate Summary Sheet Option 1B							
NSERT MAME OF TECHNICAL ADVISOR									
NSERT NAME OF TECHNICAL ADVISOR NSERT NAME OF TECHNICAL ADVISOR Mainline Section Type: 1.90		-			· ·				
NSERT NAME OF TECHNICAL ADVISOR	Phase	2 Option Selec	tion			DATE FOR RATES			
Mainline Section Type : Gronway Mainline Length : 1.90	INSER	T NAME OF TEC	CHNICAL ADVISOR	INSERT NAME O					
Unit Roads Section Type :						. 1		4.00	
Natin Construction Contract (See attached for breakdown presented to Level 2 detail)		,,							
Presented to Level 2 detail)	⊢		• • • • • • • • • • • • • • • • • • • •	II/a	LINK ROAUS LEI	igiri .		II/a	
b Foncing 1.9 Per km €64,130.17 € 121,447	'		•	Quantity	Unit	Rate €		Total €	
b Ferning		0:1- 01-		1.9	Per km	€1.777.96	€	3.378	
c) Safety Barriers and Pedestrian Guardrails 1.9 Per km €0.00 € d) Driange and Service Ducks 1.9 Per km €55,827.42 € 106,072 e Earthworks 1.9 Per km €25,827.91 € 106,072 g Rebst, Footways and Paved Areas 1.9 Per km €26,879.91 € 100,472 h Traffic Signs 1.9 Per km €3,000.00 € 57,00 j Roadmarking 1.9 Per km €3,400.00 € 6,600 k Lighting and Electrical 1.9 Per km €25,600.00 € 48,640 m Structures (Including Tunnels - to be separately identified) 1 Unit €157,204.32 € 157,204.32 n Accommodation Works 1.9 Per km €25,600.00 €48,640 n Accityer Towal Costs 1.9 Per km €10,798.60 € 20,517 p Stative Towal Costs 1.9 Per km €41,580.88 €79,004 r Proliminarios 1.9 <td></td> <td>— I</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		— I							
a Earthworks		c Safety B	arriers and Pedestrian Guardrails		Per km			-	
e Earthworks		d Drainage	and Service Ducts		Per km			106,072	
f		e Earthwor	ks		Per km				
g Kerbs, Footways and Paved Areas 1.9 Per km €52,879.91 € 100,472 h Traffic Signs 1.9 Per km €3,000.00 € 5,700 E 5,70		f Pavemer	nt		Per km		€	-	
h Traffic Signs		g Kerbs, F	ootways and Paved Areas	1.9	Per km		€	100,472	
J Roadmarking		T (f. 0)	gns	1.9	Per km		€		
K Ughting and Electrical 1.9 Per km €0.00 € 1. Landscaping and Grivinormental 1.9 Per km €25,600.00 € 48,640 m Structures (including Tunnels - to be seperately identified) 1 Unit €157,204.32 € 157,204 m Accommodation Works 1.9 Per km €10,798.60 € 20,517 p Statutory Authorities & Utilities 1.9 Per km €41,580.88 € 79,004 Gither Costs 1.9 Per km €41,580.88 € 79,004 r Preliminaries 1.9 Per km €99,794.10 € 189,609 s Active Travel Costs 1.9 Per km €99,794.10 € 189,609 s Active Travel Costs 1.9 Per km €0.00 € - Total Base Cost for Main Construction Contract (Excluding VAT) Add Project Specific Risk Contingency 15,0% € 149,425 Sub-Total exclusive of VAT € 11,45,594 € 1145,655 Total MCC Base Cost plus Project Specific Risk Contingency and VAT € 1,300,249 Eand and Property -All-In Costs Quantity Unit Rate € 1,300,249 Eand and Property -All-In Costs Quantity Unit Rate € - Earl Control Contract (Excluding VAT) Ha. 88047.23 € 167,290 Earl Control Contract (Excluding VAT) Earl Control Con	1		king						
Landscaping and Erwironmental 1.9		k Lighting	and Electrical					-	
Maccommodation Works 1.9 Per km €107,798.60 € 20,517		1	oing and Environmental	1.9				48.640	
Naccommodation Works 1.9		m Structure	s (Including Tunnels - to be seperately identified)	1	Unit	·		•	
Part Statutory Authorities & Utilities 1.9 Per km €41,580.88 € 79,004 q Other Costs 1.9 Per km €41,580.88 € 79,004 r Preliminaries 1.9 Per km €41,580.88 € 79,004 r Preliminaries 1.9 Per km €99,794.10 € 189,609 s Active Travel Costs 1.9 Per km €0.00 € -		n Accomm	odation Works	1.9	Per km				
Q Other Costs 1.9		p Statutory	Authorities & Utilities	1.9	Per km				
Preliminaries		q Other Co	sts	1.9	Per km	€41,580.88	€		
S Active Travel Costs 1.9 Per km €0.00 € - Total Base Cost for Main Construction Contract (Excluding VAT) € 996,169 Add Project Specific Risk Contingency 15.0% € 149,425 Sub-Total exclusive of VAT		Dantingia	ries	1.9	Per km				
Add Project Specific Risk Contingency Add VAT at E 1,145,594 Add VAT at 13.5% E 154,655 Total MCC Base Cost plus Project Specific Risk Contingency and VAT E 1,300,249 2 Land and Property - All-In Costs a Mainline and Link Roads - Agricultural b Mainline and Link Roads - Agricultural c Junction/Interchanges - Agricultural d Junction/Interchanges - Agricultural e Properties (See attached breakdown) Total Base Cost for Land and Property Add Project Specific Risk Contingency Total L&P Base Cost plus Project Specific Risk Contingency Total L&P Base Cost plus Project Specific Risk Contingency Total Base Cost plus Project Specific Risk Contingency Provision to take account of Actual Costs and Contract Amounts where known Add Project Specific Risk Contingency Total Archaeology Provision to take account of Actual Costs and Contract Amounts where known Add Project Specific Risk Contingency Total Archaeology Provision to take account of Actual Costs and Contract Amounts where known Add Project Specific Risk Contingency Total Archaeology Provision to take account of Actual Costs and Contract Amounts where known Add Project Specific Risk Contingency Total Archaeology Base Cost plus Project Specific Risk Contingency 5 Advance Works and Other Contracts Provision to take account of Actual Costs and Contract Amounts where known Add Project Specific Risk Contingency Frovision to take account of Actual Costs and Contract Amounts where known Add Project Specific Risk Contingency 5 Advance Works and Other Contracts Provision to take account of Actual Costs and Contract Amounts where known Add Project Specific Risk Contingency Total Archaeology Base Cost plus Project Specific Risk Contingency Total Archaeology Base Cost plus Project Specific Risk Contingency 5 Advance Works and Other Contracts Provision to take account of Actual Costs and Contract Amounts where known Add Project Specific Risk Contingency Total Archaeology Base Cost plus Project Specific Risk Contingency 5 Advance Works an		s Active Tr	avel Costs	1.9	Per km		€	-	
Sub-Total exclusive of VAT Add VAT at Total MCC Base Cost plus Project Specific Risk Contingency and VAT 13.5% € 154,655 1,300,249		Total Base Cost	for Main Construction Contract (Excluding VAT)	•	•		€	996,169	
Add VAT at Total MCC Base Cost plus Project Specific Risk Contingency and VAT Land and Property - All-In Costs		Add Project Spe	cific Risk Contingency		15.0%		€	149,425	
Total MCC Base Cost plus Project Specific Risk Contingency and VAT 2 Land and Property - All-In Costs a Mainline and Link Roads - Agricultural b Mainline and Link Roads - Zoned/Other c Junction/Interchanges - Agricultural d Junction/Interchanges - Agricultural e Properties (See attached breakdown) Total Base Cost for Land and Property Add Project Specific Risk Contingency Total L&P Base Cost plus Project Specific Risk Contingency Provision to take account of Actual Costs and Contract Amounts where known Add Project Specific Risk Contingency Total P&D Base Cost plus Project Specific Risk Contingency Provision to take account of Actual Costs and Contract Amounts where known Add Project Specific Risk Contingency Total P&D Base Cost plus Project Specific Risk Contingency Provision to take account of Actual Costs and Contract Amounts where known Add Project Specific Risk Contingency Total P&D Base Cost plus Project Specific Risk Contingency Total Archaeology Provision to take account of Actual Costs and Contract Amounts where known Add Project Specific Risk Contingency Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT See T4,713 Add Project Specific Risk Contingency Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT See 39,808 Add Project Specific Risk Contingency Total Enabling Works and Other Contracts Provision to take account of Actual Costs and Contract Amounts where known Add Project Specific Risk Contingency Total Enabling Works and Other Contracts Frovision to take account of Actual Costs and Contract Amounts where known Add Project Specific Risk Contingency Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency Total Ena		Sub-Total exclus	sive of VAT				€	1,145,594	
2 Land and Property - All-In Costs Quantity Unit Rate € a Mainline and Link Roads - Agricultural 1.9 Ha. 88047.23 € 167,290 b Mainline and Link Roads - Zoned/Other Ha. € - c Junction/Interchanges - Agricultural Ha. € - d Junction/Interchanges - Zoned Ha. € - e Properties (See attached breakdown) Item € - Total Base Cost for Land and Property € 167,290 Add Project Specific Risk Contingency 15.0% € 25,093 Total L&P Base Cost plus Project Specific Risk Contingency 15.0% € 192,383 3 Planning and Design Provision to take account of Actual Costs and Contract Amounts where known 8.0% € 79,694 Add Project Specific Risk Contingency 15.0% € 11,954 Total P&D Base Cost plus Project Specific Risk Contingency € 91,648 4 Archaeology Provision to take account of Actual Costs and Contract Amounts where known 7.5% € 74,713 Add Project Specific Risk Contingency 15.0% €		Add VAT at			13.5%		€	154,655	
a Mainline and Link Roads - Agricultural b Mainline and Link Roads - Zoned/Other c Junction/Interchanges - Agricultural d Junction/Interchanges - Zoned e Properties (See attached breakdown) Total Base Cost for Land and Property Add Project Specific Risk Contingency Total L&P Base Cost plus Project Specific Risk Contingency Total L&P Base Cost plus Project Specific Risk Contingency Total P&D Base Cost plus Project Specific Risk Contingency Total P&D Base Cost plus Project Specific Risk Contingency Total P&D Base Cost plus Project Specific Risk Contingency Total P&D Base Cost plus Project Specific Risk Contingency Total P&D Base Cost plus Project Specific Risk Contingency Total P&D Base Cost plus Project Specific Risk Contingency Total P&D Base Cost plus Project Specific Risk Contingency Total Archaeology Provision to take account of Actual Costs and Contract Amounts where known Add Project Specific Risk Contingency Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT **Total P&D Base Cost plus Project Specific Risk Contingency and VAT **Total P&D Base Cost plus Project Specific Risk Contingency and VAT **Total P&D Base Cost plus Project Specific Risk Contingency and VAT **Total P&D Base Cost plus Project Specific Risk Contingency and VAT **Total P&D Base Cost plus Project Specific Risk Contingency and VAT **Total P&D Base Cost plus Project Specific Risk Contingency and VAT **Total P&D Base Cost Plus Project Specific Risk Contingency and VAT **Total P&D Base Cost Plus Project Specific Risk Contingency and VAT **Total P&D Base Cost Plus Project Specific Risk Contingency and VAT **Total P&D Base Cost Plus Project Specific Risk Contingency and VAT **Total P&D Base Cost Plus Project Specific Risk Contingency and VAT **Total P&D Base Cost Plus Project Specific Risk Contingency and VAT **Total P&D Base Cost Plus Project Specific Risk Contingency and VAT **Total P&D Base Cost Plus Project Specific Risk Contingency and VAT **Total P&D Base Cost Plus Project Specific Risk Contingenc		Total MCC Base	Cost plus Project Specific Risk Contingency and VAT				€	1,300,249	
a Mainline and Link Roads - Agricultural b Mainline and Link Roads - Zoned/Other c Junction/Interchanges - Agricultural d Junction/Interchanges - Zoned e Properties (See attached breakdown) Total Base Cost for Land and Property Add Project Specific Risk Contingency Total L&P Base Cost plus Project Specific Risk Contingency Total L&P Base Cost plus Project Specific Risk Contingency Total P&D Base Cost plus Project Specific Risk Contingency Total P&D Base Cost plus Project Specific Risk Contingency Total P&D Base Cost plus Project Specific Risk Contingency Total P&D Base Cost plus Project Specific Risk Contingency Total P&D Base Cost plus Project Specific Risk Contingency Total P&D Base Cost plus Project Specific Risk Contingency Total P&D Base Cost plus Project Specific Risk Contingency Total Archaeology Provision to take account of Actual Costs and Contract Amounts where known Add Project Specific Risk Contingency Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT **Total P&D Base Cost plus Project Specific Risk Contingency and VAT **Total P&D Base Cost plus Project Specific Risk Contingency and VAT **Total P&D Base Cost plus Project Specific Risk Contingency and VAT **Total P&D Base Cost plus Project Specific Risk Contingency and VAT **Total P&D Base Cost plus Project Specific Risk Contingency and VAT **Total P&D Base Cost Plus Project Specific Risk Contingency Base Cost Plus Project Specific Risk Contingency Total Archaeology Base Cost Plus Project Specific Risk Contingency **Total Archaeology Base Cost Plus Project Specific Risk Contingency Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency **Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency **Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency **Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency **Total Enabling Works and Other Contracts Base Cost plus Project Specif	2	Land and Pro	perty - All-In Costs	Quantity	Unit	Rate €			
c Junction/Interchanges - Agricultural d Junction/Interchanges - Zoned e Properties (See attached breakdown) Item € Total Base Cost for Land and Property Add Project Specific Risk Contingency Total L&P Base Cost plus Project Specific Risk Contingency Total L&P Base Cost plus Project Specific Risk Contingency Provision to take account of Actual Costs and Contract Amounts where known Add Project Specific Risk Contingency Total P&D Base Cost plus Project Specific Risk Contingency Provision to take account of Actual Costs and Contract Amounts where known Add Project Specific Risk Contingency Total P&D Base Cost plus Project Specific Risk Contingency Provision to take account of Actual Costs and Contract Amounts where known Add Project Specific Risk Contingency Provision to take account of Actual Costs and Contract Amounts where known Add Project Specific Risk Contingency Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT Advance Works and Other Contracts Provision to take account of Actual Costs and Contract Amounts where known Add Project Specific Risk Contingency Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency € 57,280				1.9	Ha.	88047.23	€	167,290	
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Total Base Cost for Land and Property Add Project Specific Risk Contingency Total L&P Base Cost plus Project Specific Risk Contingency Provision to take account of Actual Costs and Contract Amounts where known Add Project Specific Risk Contingency Total P&D Base Cost plus Project Specific Risk Contingency Total P&D Base Cost plus Project Specific Risk Contingency Provision to take account of Actual Costs and Contract Amounts where known Add Project Specific Risk Contingency Provision to take account of Actual Costs and Contract Amounts where known Add Project Specific Risk Contingency Total Archaeology Provision to take account of Actual Costs and Contract Amounts where known Add Project Specific Risk Contingency Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT ■ Advance Works and Other Contracts Provision to take account of Actual Costs and Contract Amounts where known Add Project Specific Risk Contingency Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency ■ 57,471 Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency		d Junction/	Interchanges - Zoned		На.		€	-	
Add Project Specific Risk Contingency € 25,093 Total L&P Base Cost plus Project Specific Risk Contingency € 192,383 3 Planning and Design Provision to take account of Actual Costs and Contract Amounts where known 8.0% € 79,694 Add Project Specific Risk Contingency 15.0% € 11,954 Total P&D Base Cost plus Project Specific Risk Contingency € 91,648 4 Archaeology Provision to take account of Actual Costs and Contract Amounts where known 7.5% € 74,713 Add Project Specific Risk Contingency 15.0% € 11,207 Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT € 85,920 5 Advance Works and Other Contracts Provision to take account of Actual Costs and Contract Amounts where known 5.0% € 49,808 Add Project Specific Risk Contingency 15.0% € 7,471 Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency € 57,280		e Propertie	s (See attached breakdown)		Item		€	-	
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Provision to take account of Actual Costs and Contract Amounts where known Add Project Specific Risk Contingency Total P&D Base Cost plus Project Specific Risk Contingency Provision to take account of Actual Costs and Contract Amounts where known Add Project Specific Risk Contingency Provision to take account of Actual Costs and Contract Amounts where known Add Project Specific Risk Contingency Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT Advance Works and Other Contracts Provision to take account of Actual Costs and Contract Amounts where known Add Project Specific Risk Contingency Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency ■ 15.0% ■ 49,808 ■ 49,808 ■ 7,471 ■ 57,280		Total L&P Base	Cost plus Project Specific Risk Contingency				€	192,383	
Add Project Specific Risk Contingency Total P&D Base Cost plus Project Specific Risk Contingency 4 Archaeology Provision to take account of Actual Costs and Contract Amounts where known Add Project Specific Risk Contingency Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT 5 Advance Works and Other Contracts Provision to take account of Actual Costs and Contract Amounts where known Add Project Specific Risk Contingency and VAT Frovision to take account of Actual Costs and Contract Amounts where known Add Project Specific Risk Contingency Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency € 7,471 Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency	3	Planning and	Design						
Total P&D Base Cost plus Project Specific Risk Contingency 4 Archaeology Provision to take account of Actual Costs and Contract Amounts where known 7.5% € 74,713 Add Project Specific Risk Contingency 15.0% € 11,207 Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT € 85,920 5 Advance Works and Other Contracts Provision to take account of Actual Costs and Contract Amounts where known 5.0% € 49,808 Add Project Specific Risk Contingency 15.0% € 7,471 Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency € 57,280		Provision to take	account of Actual Costs and Contract Amounts where k	nown	8.0%		€	79,694	
4 Archaeology Provision to take account of Actual Costs and Contract Amounts where known Add Project Specific Risk Contingency Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT Advance Works and Other Contracts Provision to take account of Actual Costs and Contract Amounts where known Add Project Specific Risk Contingency Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency ■ 15.0% ■ 49,808 ■ 74,713 ■ 85,920 ■ 49,808 ■ 49,808 ■ 7,471 ■ Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency ■ 57,280		Add Project Spe	cific Risk Contingency		15.0%				
Provision to take account of Actual Costs and Contract Amounts where known Add Project Specific Risk Contingency Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT Advance Works and Other Contracts Provision to take account of Actual Costs and Contract Amounts where known Add Project Specific Risk Contingency Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency € 74,713 € 85,920		Total P&D Base	Cost plus Project Specific Risk Contingency				€	91,648	
Add Project Specific Risk Contingency Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT Advance Works and Other Contracts Provision to take account of Actual Costs and Contract Amounts where known Add Project Specific Risk Contingency Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency 15.0% € 49,808 7,471 Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency € 57,280	4	Archaeology							
Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT 5 Advance Works and Other Contracts Provision to take account of Actual Costs and Contract Amounts where known Add Project Specific Risk Contingency Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency € 7,471 Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency		Provision to take	account of Actual Costs and Contract Amounts where k	nown			€		
5 Advance Works and Other Contracts Provision to take account of Actual Costs and Contract Amounts where known Add Project Specific Risk Contingency Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency € 7,471 Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency € 57,280		Add Project Spe	cific Risk Contingency		15.0%				
Provision to take account of Actual Costs and Contract Amounts where known Add Project Specific Risk Contingency Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency € 49,808 € 7,471 Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency € 57,280		Total Archaeolog	gy Base Cost plus Project Specific Risk Contingency and	I VAT			€	85,920	
Add Project Specific Risk Contingency Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency € 7,471 € 57,280	5	Advance Wor	ks and Other Contracts						
Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency € 57,280		Provision to take	account of Actual Costs and Contract Amounts where k	nown	5.0%		€	49,808	
	1	Add Project Spe	cific Risk Contingency		15.0%		€	7,471	
6 Main Contract Supervision (Employer's Costs)		Total Enabling V	Vorks and Other Contracts Base Cost plus Project Speci	fic Risk Contingenc	у		€	57,280	
January Supervision (Employer a docto)	6	Main Contrac	t Supervision (Employer's Costs)						

Lev	Level 2 Estimate Summary Sheet Option 1B								
		o Mullingar Greenway Project tion Selection	INSERT DATE OF ESTIMATE 05/09/2024 INSERT BASE DATE FOR RATI Feb-23	ES					
	Provi	sion to take account of Actual Costs and Contract Amounts where known	8.0%	€	79,694				
	Add F	Project Specific Risk Contingency	15.0%	€	11,954				
	Total	MC Supervision (Employer's Costs) Base Cost plus Project Specific Risk Contingency	/	€	91,648				
7	Publ	ic Transport Connectivity/Asset Renewal							
	Provi	sion based on percentage of Main Construction Contract Base Cost	0.0%	€	-				
	Add F	Project Specific Risk Contingency	15.0%	€	-				
	Total	Walking / Cycling / PT Connectivity / Asset Renewal Base Cost plus Project Specific	Risk Contingency	€	-				
тот	AL LEV	/EL 2 ESTIMATE INCLUSIVE OF VAT		€	1,819,127				
		Mainline Length 1.90	0 km Rate per km	€	957,435				
		Mainline Length Active Travel Costs (includes 10% L&P costs) Risk Incl n/a	0 km Rate per km % of Total Cost	€	957,435 n/a				
	N.B.		% of Total Cost	€					
	N.B.	Active Travel Costs (includes 10% L&P costs) Risk Incl	% of Total Cost	€					
	N.B.	Active Travel Costs (includes 10% L&P costs) Risk Incl Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSERT RATES HE	% of Total Cost	€					
	N.B.	Active Travel Costs (includes 10% L&P costs) Risk Incl Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSERT RATES HE Figures above are EXCLUSIVE of provision for Inflation - base date to be stated if different from	% of Total Cost	€					

	el 2 Backup Sheet (Option 1B)			
	ggan to Mullingar Greenway Project	INSERT DATE ESTIN		05/09/2024
	2 Option Selection	INSERT BASE DATE		Feb-23
NSER	RT NAME OF TECHNICAL ADVISOR	INSERT NAME OF E	STIMATOR	Michael Conway
Mair	Construction Cost - Base Cost Estimate			
Sum	mary			
Α	Site Clearance			€1,777.96
В	Fencing			€64,130.17
С	Safety Barriers and Pedestrian Guardrails			€0.00
D	Drainage and Service Ducts			€55,827.42
E	Earthworks			€41,190.38
F	Pavement			€0.00
G	Kerbs, Footways and Paved Areas			€52,879.91
Н	Traffic Signs			€3,000.00
J	Roadmarking			€3,400.00
K	Lighting and Electrical			€0.00
L	Landscaping and Environmental			€25,600.00
М	Structures (Including Tunnels to be seperately identified)			€157,204.32
N	Accommodation Works			€10,798.60
Р	Statutory Authorities & Utilities			€41,580.88
Q	Any Other Obligations and Liabilities of the Contractor			€41,580.88
S	Active Travel			incl above
	Sub-Total			€498,970.51
R	Preliminaries		20%	€99,794.10
	MCC Base Cost Total excluding Project Specific Risk Contingency			€598,764.63
	Add Project Specific Risk Contingency	25	%	€149,691.00
	MCC Base Cost Total including Project Specific Risk Contingency			€748,455.63
	Add VAT at	13.5	%	€101,042.00
	MCC Base Cost Total including Project Specific Risk Contingency a	nd VAT		€849,497.61

Level 2 Backup Sheet (Option 1B)				
Kilbeggan to Mullingar Greenway Project	INSERT DAT	E ESTIM	ATE ISSUED	05/09/2024
Phase 2 Option Selection	INSERT BASE DATE FOR ESTIMATE		Feb-23	
INSERT NAME OF TECHNICAL ADVISOR	INSERT NAME OF ESTIMATOR		Michael Conway	
Mainline Length			1.9	
MCC Cost per km based on Mainline Length Only		€3	93,924.01	
	L 		,	
Mainline plus Link Road Length	Ĺ		n/a	
MCC Cost per km based on Mainline plus Link Road Length			n/a	
Schedule of Works	Quantity	Unit	Rate/Prices	
A Site Clearance				
A.1 General Site Clearance	0.8	На	€2,222.45	€1,777.9
A.2 Demolition of Buildings	0	Nr.	€3,605.02	€0.00
Site Clearance Total to Summary			,	€1,777.9
D. Fansina				
B.1 Permanent Boundary Fencing	1500	m	€39.95	€59,924.3
B.2 Temporary Fencing	0	m	€39.93 €11.52	€39,924.3
B.3 Mammal Fencing	0	m	€46.83	€0.0
B.4 Other Fencing (e.g. Palisade Security Fencing)	0	m	€40.83	€0.0
B.5 Other Fencing (e.g. Gates)	5	m	€841.17	€4,205.8
Fencing Total to Summary	<u> </u>		6041.17	€64,130.1
C Safety Barrier and Pedestrian Guardrails C.1 Safety Barrier (Specify Type)	0	m		
C.2 Median Barrier (Specify Type e.g. Concrete or Wire)	0	m		
C.3 Pedestrian Guardrail Safety Barrier and Pedestrian Guardrails Total to Summary	0	m		
D. Drainage and Service Ducts D.1 Drainage - Sealed - Mainline and Link Roads		m	€54.03	
D.2 Drainage - Open - Mainline and Link Roads		m	€45.07	
D.3 Drainage and Service Ducts - Side Roads	1000	m	€50.07	50069.4
D.4 Drainage to Junctions/Interchanges (Chambers)	5	m	€1,151.60	5758.0
D.5 Outfalls		m	0	3730.0
D.6 Attenuation Ponds/Provision		Item	0	
D.7 Service Ducts (Specify Nr. Of Ducts) - Mainline and Link Roads		m	€87.62	
D.8 Service Ducts (Specify Nr. Of Ducts) - Junctions/Interchanges		m	€87.62	· · · · · · · · · · · · · · · · · · ·
D.9 Service Ducts (Specify Nr. Of Ducts) - Side Roads		m	607.02	
Drainage and Service Ducts Total to Summary				€55,827.4
E Earthworks				
Mainline & Link Roads				
E.1 Excavation - Topsoil	1500	m3	€4.57	€6,857.4
E.2 Excavation - Acceptable	750	m3	€3.77	€2,824.7
E.3 Excavation - U1		m3	€3.09	€0.0
E.4 Excavation - U2		m3	€8.31	€0.0
E.5 Extra Over Excavation for Hard Material		m3	€14.00	€0.0
E.6 Processing (Specify source and end use)		m3	€1.53	€0.0
E.7 Disposal - U1		m3	€9.73	€0.0
E.8 Disposal - U2		m3	€272.13	€0.0
E.9 Import (Specify)	1500	m3	€19.12	€28,676.4
E.10 Compaction (Specify)	1500	m3	€0.96	€1,441.6

Leve	el 2 Backup Sheet (Option 1B)				
	gan to Mullingar Greenway Project	INSERT DAT	E ESTIM	ATE ISSUED	05/09/2024
Ĭ	2 Option Selection	INSERT BASE	DATE	 Feb-23	
	T NAME OF TECHNICAL ADVISOR	INSERT NAM		Michael Conway	
		III SEITI III II			·
	Sub-formation and Formation Landscaping (Specify)	600	m2	€0.86 €2.32	€0.00 €1,390.18
	Landscaping (Specify) Landscaping (Specify)	1000	m3 m2	€2.32	€1,390.18
L.13	Earthworks Sub-Total		1112		€41,190.38
					512,253.55
Juno	ctions/Interchanges				
	Quantify works as per Mainline				0
	Earthworks Sub-Total				
C: -l -	Danda				
Side	Roads			_	0
	Quantify works as per Mainline Earthworks Sub-Total				0
	Earthworks Total to Summary				€41,190.38
	· · · · · · · · · · · · · · · · · · ·				,
F	Pavement				
	nline			21- 22	
	Sub-Base (Specify)		m3	€17.63	€0.00
	Compaction Roadbase (Specify)		m3 m2	€7.21 €30.77	€0.00 €0.00
	Base Course (Specify)		m2	€30.77	€0.00
	Wearing Course (Specify)		m2	€12.87	€0.00
	Pavement Sub-Total				€0.00
Inte	rchanges				
	Quantify works as per Mainline			N/A	
	Pavement Sub-Total				
Side	Roads				
Side	Quantify works as per Mainline			N/A	
	Pavement Sub-Total			N/A	
	Pavement Total to Summary				€0.00
G	Kerbs Footways and Paved Areas	2000		17.60	052.070.04
	Allowance based on project scope and historical costs	3000	sum	17.63	€52,879.91
н	Traffic Signs				
	Allowance based on project scope and historical costs		sum		€3,000.00
J	Roadmarkings				
	Allowance based on project scope and historical costs		sum		€3,400.00
.,	Lighting and Electrical				
K	Lighting and Electrical Allowance based on project scope and historical costs		sum	N/A	
	Allowance based on project scope and historical costs		Suili	IN/A	
L	Landscaping and Environmental				
	Allowance based on project scope and historical costs		sum		€25,600.00
M	Structures (Including Tunnels to be seperately identified)				
c	a 4 A Charachura				
	n 1 A Structures Structure Type A (Standard Concrete)	40	nor m²	2020.4	£457 204 22
IVI.1	Structure Type A (Standard Concrete)	40	per m²	3930.1	€157,204.32

Level 2 Backup Sheet (Option 1B)			
Kilbeggan to Mullingar Greenway Project	INSERT DATE ESTIMAT	TE ISSUED	05/09/2024
Phase 2 Option Selection	INSERT BASE DATE FO	R ESTIMATE	Feb-23
INSERT NAME OF TECHNICAL ADVISOR	INSERT NAME OF ESTI	MATOR	Michael Conway
M.2 Structure Type A (Standard Steel)	0 per m²	4936.6	€0.00
Structures Total to Summary			€157,204.32
INSERT FURTHER STRUCTURES AS NECESSARY - CLEARLY IDENTIFY	SIGNATURE STRUCTURES		
N Accommodation Works			
Allowance based on project scope and historical costs	sum		€10,798.60
P Statutory Authorities & Utilities			
Allowance based on project scope and historical costs	%	10%	€41,580.88
Q Any Other Obligations and Liabilities of the Contractor		120	
Allowance based on project scope and historical costs	%	10%	€41,580.88
R Preliminaries			
R.1 Temporary Works including Traffic Management (Specify)	sum		
R.2 All other Preliminary Items	sum		
Preliminaries Total to Summary			€0.00
N.B. Figures are exclusive of VAT except where expressly stated above.			
Figures above are EXCLUSIVE of provision for Inflation - base date to be s	tated if different from date of estimate.		
Total base costs to include for ALL qualifying costs under each cost heading	g.		
Refer to the TII Cost Management Manual for information on coverage and	format of back-up.		
See attached Estimate Assumptions Sheet for Further Project Information.			
Land and Property			
Greenway Sustainability Payments	1000 per m	€40.91	€40,910.00
Land Acquisition Payments	8000 per m²	€2.62	€20,998.42
General Disturbance	1 per km	€10,390.00	€10,390.00
Injurious Affection	8000 per m²	€1.97	€15,748.81
Total Land and Property			€88,047.23

Lev	Level 2 Estimate Summary Sheet Option 1C							
		Mullingar Greenway Project			OF ESTIMATE			
Phase	Phase 2 Option Selection 05/09/2024 Feb-23							
INSER	NSERT NAME OF TECHNICAL ADVISOR INSERT NAME OF ESTIMATOR							
	Mainli	ne Section Type :	Greenway	Mainline Lengtl	n:		4.50	
		toads Section Type :	n/a	Link Roads Ler			n/a	
1	Main	Construction Contract (See attached for breakdown			5		T : 16	
	prese	ented to Level 2 detail)	Quantity	Unit	Rate €		Total €	
	а	Site Clearance	4.5	Per km	€1,777.96	€	8,001	
	b	Fencing	4.5	Per km	€64,130.17	€	288,586	
	С	Safety Barriers and Pedestrian Guardrails	4.5	Per km	€0.00	€	-	
	d	Drainage and Service Ducts	4.5	Per km	€55,827.42	€	251,223	
	е	Earthworks	4.5	Per km	€41,190.38	€	185,357	
	f	Pavement	4.5	Per km	€0.00	€	-	
	g	Kerbs, Footways and Paved Areas	4.5	Per km	€52,879.91	€	237,960	
	h	Traffic Signs	4.5	Per km	€3,000.00	€	13,500	
	j	Roadmarking	4.5	Per km	€3,400.00	€	15,300	
	k	Lighting and Electrical	4.5	Per km	€0.00	€	-	
	- 1	Landscaping and Environmental	4.5	Per km	€25,600.00	€	115,200	
	m	Structures (Including Tunnels - to be seperately identified)	1	Unit	€78,602.16	€	78,602	
	n	Accommodation Works	4.5	Per km	€10,798.60	€	48,594	
	р	Statutory Authorities & Utilities	4.5	Per km	€33,720.66	€	151,743	
	q	Other Costs	4.5	Per km	€33,720.66	€	151,743	
	r	Preliminaries	4.5	Per km	€80,929.58	€	364,183	
	S	Active Travel Costs	4.5	Per km	€0.00	€	-	
	Total	Base Cost for Main Construction Contract (Excluding VAT)				€	1,909,991	
	Add P	roject Specific Risk Contingency		15.0%		€	286,499	
	Sub-T	otal exclusive of VAT				€	2,196,490	
	Add V			13.5%		€	296,526	
	Total	MCC Base Cost plus Project Specific Risk Contingency and VAT				€	2,493,016	
2	Land	and Property - All-In Costs	Quantity	Unit	Rate €			
	а	Mainline and Link Roads - Agricultural	2.8	На.	88047.23	€	246,532	
	b	Mainline and Link Roads - Zoned/Other		На.		€	-	
	С	Junction/Interchanges - Agricultural		На.		€	-	
	d	Junction/Interchanges - Zoned		На.		€	-	
	е	Properties (See attached breakdown)		Item		€		
	Total	Base Cost for Land and Property				€	246,532	
	Add P	roject Specific Risk Contingency		15.0%		€	36,980	
	Total	L&P Base Cost plus Project Specific Risk Contingency				€	283,512	
3	Plani	ning and Design						
	Provis	ion to take account of Actual Costs and Contract Amounts where k	nown	8.0%		€	152,799	
	Add P	roject Specific Risk Contingency		15.0%		€	22,920	
	Total	P&D Base Cost plus Project Specific Risk Contingency				€	175,719	
4	Arch	aeology						
	1	ion to take account of Actual Costs and Contract Amounts where k	nown	7.5%		€	143,249	
		roject Specific Risk Contingency		15.0%		€	21,487	
		Archaeology Base Cost plus Project Specific Risk Contingency and	VAT			€	164,737	
5	Adva	nce Works and Other Contracts					·	
	1	ion to take account of Actual Costs and Contract Amounts where k	nown	5.0%		€	95,500	
		roject Specific Risk Contingency		15.0%		€	14,325	
	_	Enabling Works and Other Contracts Base Cost plus Project Specific	fic Risk Contingenc			€	109,824	
6	Main	Contract Supervision (Employer's Costs)	-				·	
		p (p y)						

LEV	el 2	Estimate Summary Sheet Option 1C				
		o Mullingar Greenway Project tion Selection	05/0	RT DATE OF ESTIMATE 09/2024 RT BASE DATE FOR RATES Feb-23	1	
	Provi	sion to take account of Actual Costs and Contract Amounts where know	vn	8.0%	€	152,799
	Add F	Project Specific Risk Contingency		15.0%	€	22,920
	Total	MC Supervision (Employer's Costs) Base Cost plus Project Specific R	sk Contingency		€	175,719
7	Publ	ic Transport Connectivity/Asset Renewal				
	Provi	sion based on percentage of Main Construction Contract Base Cost		0.0%	€	-
	Add F	Project Specific Risk Contingency		15.0%	€	-
	Total	Walking / Cycling / PT Connectivity / Asset Renewal Base Cost plus P	roject Specific Risk Co	ontingency	€	-
TOT/	AL LEV	/EL 2 ESTIMATE INCLUSIVE OF VAT			€	3,402,528
		TELE ESTIMATE INCESSIVE SI VAI				3,402,320
		Mainline Length	4.50 km	Rate per km	€	756,117
				Rate per km % of Total Cost		
	N.B.	Mainline Length	a	% of Total Cost		756,117
	N.B.	Mainline Length Active Travel Costs (includes 10% L&P costs) Risk Incl	a SERT RATES HERE FOR	% of Total Cost		756,117
	N.B.	Mainline Length Active Travel Costs (includes 10% L&P costs) Risk Incl Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INS	a SERT RATES HERE FOR	% of Total Cost		756,117
	N.B.	Mainline Length Active Travel Costs (includes 10% L&P costs) Risk Incl Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSTITUTE of Provision for Inflation - base date to be stated.	a SERT RATES HERE FOR ed if different from date of	% of Total Cost		756,117

Lev	rel 2 Backup Sheet (Option 1C)			
Kilbe	ggan to Mullingar Greenway Project	INSERT DATE ESTI	MATE ISSUED	05/09/2024
Phase	e 2 Option Selection	INSERT BASE DATE	FOR ESTIMATE	Feb-2
NSEF	RT NAME OF TECHNICAL ADVISOR	INSERT NAME OF	ESTIMATOR	Michael Conwa
Mair	n Construction Cost - Base Cost Estimate			
Sum	nmary			
Α	Site Clearance			€1,777.9
В	Fencing			€64,130.1
С	Safety Barriers and Pedestrian Guardrails			€0.00
D	Drainage and Service Ducts			€55,827.42
E	Earthworks			€41,190.38
F	Pavement			€0.00
G	Kerbs, Footways and Paved Areas			€52,879.93
Н	Traffic Signs			€3,000.00
J	Roadmarking	€3,400.00		
K	Lighting and Electrical			€0.00
L	Landscaping and Environmental			€25,600.00
М	Structures (Including Tunnels to be seperately identified)			€78,602.10
N	Accommodation Works			€10,798.6
Р	Statutory Authorities & Utilities			€33,720.6
Q	Any Other Obligations and Liabilities of the Contractor			€33,720.6
S	Active Travel			incl above
	Sub-Total			€404,647.93
R	Preliminaries		20%	€80,929.58
	MCC Base Cost Total excluding Project Specific Risk Contingency			€485,577.49
	Add Project Specific Risk Contingency	25	%	€121,394.00
	MCC Base Cost Total including Project Specific Risk Contingency			€606,971.4
	Add VAT at	13.5	%	€81,941.00
	MCC Base Cost Total including Project Specific Risk Contingency a	nd VAT		€688,912.49

	el 2 Backup Sheet (Option 1C)				
ilbeg	gan to Mullingar Greenway Project	INSERT DAT	E ESTIM	ATE ISSUED	05/09/20
Phase 2 Option Selection		INSERT BAS	E DATE F	OR ESTIMATE	Feb-
ISER ⁻	T NAME OF TECHNICAL ADVISOR	INSERT NAM	1E OF ES	TIMATOR	Michael Conw
	Mainline Length			4.5	
	MCC Cost per km based on Mainline Length Only		£1:	34,882.55	
	Wice cost per kill based on Mannine Length Only	L	£1.	54,862.33	
	Mainline plus Link Road Length			n/a	
	MCC Cost per km based on Mainline plus Link Road Length			n/a	
che	dule of Works	Quantity	Unit	Rate/Prices	
	Otto Olympia				
	Site Clearance General Site Clearance	0.8	На	€2,222.45	£1 777
	Demolition of Buildings	0.8	Nr.	€3,605.02	€1,777 €0
	Site Clearance Total to Summary	<u> </u>	INI.	€3,003.02	€1,777
	Site cicurance rotal to summary				€1,777
	Fencing				
	Permanent Boundary Fencing	1500	m	€39.95	€59,924
	Temporary Fencing	0	m	€11.52	€0
	Mammal Fencing	0	m	€46.83	€0
	Other Fencing (e.g. Palisade Security Fencing)	0	m	€70.10	€0
	Other Fencing (e.g. Gates) Fencing Total to Summary	5	m	€841.17	€4,205 €64,130
C.2 C.3 D D.1 D.2	Safety Barrier (Specify Type) Median Barrier (Specify Type e.g. Concrete or Wire) Pedestrian Guardrail Safety Barrier and Pedestrian Guardrails Total to Summary Drainage and Service Ducts Drainage - Sealed - Mainline and Link Roads Drainage - Open - Mainline and Link Roads	0 0 0	m m m	€54.03 €45.07	
	Drainage and Service Ducts - Side Roads	1000	m	€50.07	50069
	Drainage to Junctions/Interchanges (Chambers)	5	m	€1,151.60	5758
	Outfalls Attenuation Ponds/Provision		m Itom	0	
	Service Ducts (Specify Nr. Of Ducts) - Mainline and Link Roads		Item m	€87.62	
	Service Ducts (Specify Nr. Of Ducts) - Mainline and Link Roads Service Ducts (Specify Nr. Of Ducts) - Junctions/Interchanges		m	€87.62	
	Service Ducts (Specify Nr. Of Ducts) - Side Roads		m	337.32	
	Drainage and Service Ducts Total to Summary				€55,82
	Earthworks				
	nline & Link Roads	4500		64.53	20.25
	Excavation - Topsoil	1500	m3	€4.57	€6,85
	Excavation - Acceptable	750	m3	€3.77	€2,824
	Excavation - U1 Excavation - U2		m3	€3.09 €8.31	€(
	Extra Over Excavation for Hard Material		m3	€8.31 €14.00	€(
	Processing (Specify source and end use)		m3 m3	€14.00 €1.53	€(
	Disposal - U1		m3	€9.73	€(
	Disposal - U2		m3	€272.13	€(
∟.0	Import (Specify)	1500	m3		€28,670
	Import (Specify)	1500		€19.12	E/X h //

Level 2 Backup Sheet (Option 1C)				
Cilbeggan to Mullingar Greenway Project	INSERT DATE ES	TIMATE ISSI	UED	05/09/202
Phase 2 Option Selection	INSERT BASE DATE FOR ESTIMATE			Feb-2
NSERT NAME OF TECHNICAL ADVISOR	INSERT NAME O	F ESTIMATO	OR	Michael Conwa
E11 Sub-formation and Formation	m	n2	€0.86	€0.0
E.12 Landscaping (Specify)		า3	€2.32	€1,390.1
E.13 Landscaping (Specify)		n2	€0.80	€800.0
Earthworks Sub-Total				€41,190.3
Junctions/Interchanges				
Quantify works as per Mainline				
Earthworks Sub-Total				
Side Roads				
Quantify works as per Mainline				
Earthworks Sub-Total				
Earthworks Total to Summary				€41,190.
F Pavement				
Mainline				
F.1 Sub-Base (Specify)	m	า3	€17.63	€0.
F.2 Compaction	m	13	€7.21	€0.
F.3 Roadbase (Specify)	m	12	€30.77	€0.
F.4 Base Course (Specify)		12	€18.18	€0.
F.5 Wearing Course (Specify) Pavement Sub-Total	m	12	€12.87	€0.ı €0.ı
Interchanges				
Interchanges Quantify works as per Mainline		N/A		
Pavement Sub-Total		14/1		
Side Beeds				
Side Roads		NI/A		
Quantify works as per Mainline Pavement Sub-Total		N/A		
Pavement Total to Summary		N/A		€0.
·				
G Kerbs Footways and Paved Areas Allowance based on project scope and historical costs	3000 su	ım	17.62	£E2 970
Allowance based on project scope and historical costs	3000 St	ım	17.63	€52,879.
H Traffic Signs				
Allowance based on project scope and historical costs	SU	ım		€3,000.
J Roadmarkings				
Allowance based on project scope and historical costs	su	ım		€3,400.0
K Lighting and Electrical				
Allowance based on project scope and historical costs	SU	ım N/A		
L Landscaping and Environmental				
Allowance based on project scope and historical costs	SU	ım		€25,600.0
M Structures (Including Tunnels to be seperately identified)				
Section 1 A Structures				
M.1 Structure Type A (Standard Concrete)	20 per	m²	3930.1	€78,602.2

Level 2 Backup Sheet (Option 1C)			
Kilbeggan to Mullingar Greenway Project	INSERT DATE ESTIMAT	E ISSUED	05/09/2024
Phase 2 Option Selection	INSERT BASE DATE FOI	R ESTIMATE	Feb-23
INSERT NAME OF TECHNICAL ADVISOR	INSERT NAME OF ESTI	MATOR	Michael Conway
M.2 Structure Type A (Standard Steel)	0 per m²	4936.6	€0.00
Structures Total to Summary			€78,602.16
INSERT FURTHER STRUCTURES AS NECESSARY - CLEARLY IDENT	FIFY SIGNATURE STRUCTURES		
N Accommodation Works			
Allowance based on project scope and historical costs	sum		€10,798.60
P Statutory Authorities & Utilities			
Allowance based on project scope and historical costs	%	10%	€33,720.66
Q Any Other Obligations and Liabilities of the Contractor Allowance based on project scope and historical costs	or %	10%	€33,720.66
R Preliminaries	70	1070	633,720.00
R.1 Temporary Works including Traffic Management (Specific	y) sum		
R.2 All other Preliminary Items	sum		
Preliminaries Total to Summary			€0.00
N.B. Figures are exclusive of VAT except where expressly stated above.			
Figures above are EXCLUSIVE of provision for Inflation - base date to b			
Total base costs to include for ALL qualifying costs under each cost hea	•		
Refer to the TII Cost Management Manual for information on coverage a See attached Estimate Assumptions Sheet for Further Project Information	•		
Land and Property	OII.		
Greenway Sustainability Payments	1000 per m	€40.91	€40,910.00
Land Acquisition Payments	8000 per m²	€2.62	€20,998.42
Land Adjustion Layments	oooo per iii		•
General Disturbance	1 ner km	£10 390 00	# 1() 3 40 00
General Disturbance Injurious Affection	1 per km 8000 per m²	€10,390.00 €1.97	€10,390.00 €15,748.81

Lev	Level 2 Estimate Summary Sheet Option 1D							
	ggan to Mullingar Greenway Project	INSERT DATE OF ESTIMATE						
			05/09/2024					
Phase	e 2 Option Selection		INSERT BASE DATE FOR RATES Feb-23					
INSER	INSERT NAME OF TECHNICAL ADVISOR INSERT NAME OF ESTIMATOR							
INSLI			=-			11.10		
	Mainline Section Type :	Greenway	Mainline Lengtl			14.10		
L_	Link Roads Section Type : Main Construction Contract (See attached for breakdown	n/a	Link Roads Ler	ngtn :		n/a		
1	presented to Level 2 detail)	Quantity	Unit	Rate €		Total €		
	a Site Clearance	14.1	Per km	€1,777.96	€	25,069		
	b Fencing	14.1	Per km	€64,130.17	€	904,235		
	C Safety Barriers and Pedestrian Guardrails	14.1	Per km	€0.00	€	-		
	d Drainage and Service Ducts	14.1	Per km	€55,827.42	€	787,167		
	e Earthworks	14.1	Per km	€41,190.38	€	580,784		
	f Pavement	14.1	Per km	€0.00	€	-		
	g Kerbs, Footways and Paved Areas	14.1	Per km	€52,879.91	€	745,607		
1	h Traffic Signs	14.1	Per km	€3,000.00	€	42,300		
1	j Roadmarking	14.1	Per km	€3,400.00	€	47,940		
	k Lighting and Electrical	14.1	Per km	€0.00	€	-		
	Landscaping and Environmental	14.1	Per km	€25,600.00	€	360,960		
	m Structures (Including Tunnels - to be seperately identified)	1	Unit	€707,419.44	€	707,419		
	n Accommodation Works	14.1	Per km	€10,798.60	€	152,260		
	p Statutory Authorities & Utilities	14.1	Per km	€96,602.39	€	1,362,094		
	q Other Costs	14.1	Per km	€96,602.39	€	1,362,094		
	r Preliminaries	14.1	Per km	€231,845.73	€	3,269,025		
	s Active Travel Costs	14.1	Per km	€0.00	€	<u> </u>		
	Total Base Cost for Main Construction Contract (Excluding VAT)				€	10,346,954		
	Add Project Specific Risk Contingency		15.0%		€	1,552,043		
	Sub-Total exclusive of VAT		10.50/		€	11,898,997		
	Add VAT at		13.5%		€	1,606,365		
	Total MCC Base Cost plus Project Specific Risk Contingency and VAT				€	13,505,362		
2	Land and Property - All-In Costs	Quantity	Unit	Rate €				
	a Mainline and Link Roads - Agricultural	8	Ha.	88047.23	€	704,378		
	b Mainline and Link Roads - Zoned/Other		Ha.		€	-		
	c Junction/Interchanges - Agricultural		Ha.		€	-		
	d Junction/Interchanges - Zoned		Ha.		€	-		
	e Properties (See attached breakdown)		Item		€	-		
	Total Base Cost for Land and Property		17.00		€	704,378		
	Add Project Specific Risk Contingency		15.0%		€	105,657		
	Total L&P Base Cost plus Project Specific Risk Contingency				€	810,035		
3	Planning and Design							
	Provision to take account of Actual Costs and Contract Amounts where	known	8.0%		€	827,756		
	Add Project Specific Risk Contingency		15.0%		€	124,163		
	Total P&D Base Cost plus Project Specific Risk Contingency				€	951,920		
4	Archaeology							
1	Provision to take account of Actual Costs and Contract Amounts where	known	7.5%		€	776,022		
1	Add Project Specific Risk Contingency		15.0%		€	116,403		
<u> </u>	Total Archaeology Base Cost plus Project Specific Risk Contingency and	d VAT			€	892,425		
5	Advance Works and Other Contracts							
	Provision to take account of Actual Costs and Contract Amounts where	known	5.0%		€	517,348		
1	Add Project Specific Risk Contingency		15.0%		€	77,602		
	Total Enabling Works and Other Contracts Base Cost plus Project Spec	ific Risk Contingend	у		€	594,950		
6	Main Contract Supervision (Employer's Costs)							
	•							

LCV	rel 2 l	Estimate Summary Sheet Option 1D				
		o Mullingar Greenway Project tion Selection		INSERT DATE OF EST 05/09/2024 INSERT BASE DATE F Feb-23		
	Provis	sion to take account of Actual Costs and Contract Amounts where	known	8.0%	€	827,756
	Add P	Project Specific Risk Contingency		15.0%	€	124,163
<u> </u>	Total	MC Supervision (Employer's Costs) Base Cost plus Project Spec	ific Risk Contingency		€	951,920
7	Publi	ic Transport Connectivity/Asset Renewal				
	Provis	sion based on percentage of Main Construction Contract Base Co	est	0.0%	€	-
	Add P	Project Specific Risk Contingency		15.0%	€	-
	Total	Walking / Cycling / PT Connectivity / Asset Renewal Base Cost p	lus Project Specific F	Risk Contingency	€	-
TOTA	AL LEV	/EL 2 ESTIMATE INCLUSIVE OF VAT			€	17,706,611
TOT/	AL LEV	/EL 2 ESTIMATE INCLUSIVE OF VAT Mainline Length	14.10	km Rate pe		17,706,611
TOTA	AL LEV		14.10	km Rate pe % of To	r km €	, ,
101/	N.B.	Mainline Length	n/a	☐ % of To	r km €	1,255,788
1017		Mainline Length Active Travel Costs (includes 10% L&P costs) Risk Incl	n/a SE INSERT RATES HER	% of To	r km €	1,255,788
1017		Mainline Length Active Travel Costs (includes 10% L&P costs) Risk Incl Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEAS	n/a SE INSERT RATES HER	% of To	r km €	1,255,788
1017		Mainline Length Active Travel Costs (includes 10% L&P costs) Risk Incl Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE Figures above are EXCLUSIVE of provision for Inflation - base date to be	n/a SE INSERT RATES HER e stated if different from ding.	% of To	r km €	1,255,788

Lev	el 2 Backup Sheet (Option 1D)			
	ggan to Mullingar Greenway Project	INSERT DATE ESTI	MATE ISSUED	05/09/2024
Phase	e 2 Option Selection	INSERT BASE DAT	E FOR ESTIMATE	Feb-23
INSEF	RT NAME OF TECHNICAL ADVISOR	Michael Conway		
Mair	n Construction Cost - Base Cost Estimate			
Sum	nmary			
Α	Site Clearance			€1,777.96
В	Fencing			€64,130.17
С	Safety Barriers and Pedestrian Guardrails			€0.00
D	Drainage and Service Ducts			€55,827.42
Е	Earthworks			€41,190.38
F	Pavement			€0.00
G	Kerbs, Footways and Paved Areas			€52,879.91
Н	Traffic Signs			€3,000.00
J	Roadmarking			€3,400.00
K	Lighting and Electrical			€0.00
L	Landscaping and Environmental			€25,600.00
М	Structures (Including Tunnels to be seperately identified)			€707,419.44
N	Accommodation Works			€10,798.60
Р	Statutory Authorities & Utilities			€96,602.39
Q	Any Other Obligations and Liabilities of the Contractor			€96,602.39
S	Active Travel			incl above
	Sub-Total			€1,159,228.65
R	Preliminaries		20%	€231,845.73
	MCC Base Cost Total excluding Project Specific Risk Contingency			€1,391,074.38
	Add Project Specific Risk Contingency	25	%	€347,769.00
	MCC Base Cost Total including Project Specific Risk Contingency			€1,738,843.38
	Add VAT at	13.5	%	€234,744.00
	MCC Base Cost Total including Project Specific Risk Contingency and	nd VAT		€1,973,587.38

Loyal 2 Backup Shoot (Ontion 1D)				
Level 2 Backup Sheet (Option 1D) Kilbeggan to Mullingar Greenway Project	INCEDE DAT	C CCTINA	ATE ISSUED	05/00/2024
, ,	INSERT DATE ESTIMATE ISSUED			05/09/2024
Phase 2 Option Selection	INSERT BASE DATE FOR ESTIMATE			Feb-23
INSERT NAME OF TECHNICAL ADVISOR	INSERT NAME OF ESTIMATOR		Michael Conway	
Mainline Length			14.1	
MCC Cost per km based on Mainline Length Only		€1	23,322.23	
Mainline plus Link Road Length			n/a	
	L			
MCC Cost per km based on Mainline plus Link Road Length			n/a	
Schedule of Works	Quantity	Unit	Rate/Prices	
A Site Clearance				
A Site Clearance A.1 General Site Clearance	0.8	На	€2,222.45	£1 777 06
A.1 General site Clearance A.2 Demolition of Buildings	0.8	Nr.	€2,222.43	€1,777.96 €0.00
Site Clearance Total to Summary	<u> </u>	141.	€3,003.02	€1,777.96
one clearance retail to cummary				62,7.7.130
B Fencing				
B.1 Permanent Boundary Fencing	1500	m	€39.95	€59,924.33
B.2 Temporary Fencing		m	€11.52	€0.00
B.3 Mammal Fencing		m	€46.83	€0.00
B.4 Other Fencing (e.g. Palisade Security Fencing)		m	€70.10	€0.00
B.5 Other Fencing (e.g. Gates)	5	m	€841.17	€4,205.85
Fencing Total to Summary				€64,130.17
C Safety Barrier and Pedestrian Guardrails				
C Safety Barrier and Pedestrian Guardrails C.1 Safety Barrier (Specify Type)	0	m		0
C.2 Median Barrier (Specify Type e.g. Concrete or Wire)	0	m		0
C.3 Pedestrian Guardrail	0	m		C
Safety Barrier and Pedestrian Guardrails Total to Summary				0
D Drainage and Service Ducts				
D.1 Drainage - Sealed - Mainline and Link Roads		m	€54.03	C
D.2 Drainage - Open - Mainline and Link Roads		m	€45.07	C
D.3 Drainage and Service Ducts - Side Roads	1000	m	€50.07	50069.41
D.4 Drainage to Junctions/Interchanges (Chambers)	5	m	€1,151.60	5758.01
D.5 Outfalls		m	0	0
D.6 Attenuation Ponds/Provision D.7 Service Ducts (Specify Nr. Of Ducts) - Mainline and Link Roads		Item	697.63	C
D.8 Service Ducts (Specify Nr. Of Ducts) - Infamilie and Lift Roads D.8 Service Ducts (Specify Nr. Of Ducts) - Junctions/Interchanges		m	€87.62 €87.62	<u>.</u>
D.9 Service Ducts (Specify Nr. Of Ducts) - Jainctions/Interchanges D.9 Service Ducts (Specify Nr. Of Ducts) - Side Roads		m m	€87.02	<u>_</u>
Drainage and Service Ducts Total to Summary				 €55,827.42
E Earthworks				555,627
Mainline & Link Roads				
E.1 Excavation - Topsoil	1500	m3	€4.57	€6,857.40
E.2 Excavation - Acceptable	750	m3	€3.77	€2,824.78
E.3 Excavation - U1	0	m3	€3.09	€0.00
E.4 Excavation - U2	0	m3	€8.31	€0.00
E.5 Extra Over Excavation for Hard Material	0	m3 m3	€14.00	€0.00 €0.00
E.6 Processing (Specify source and end use) E.7 Disposal - U1	0	m3 m3	€1.53 €9.73	€0.00
E.8 Disposal - U2	0	m3	€9.73	€0.00
E.9 Import (Specify)	1500	m3	€19.12	€28,676.40
E.10 Compaction (Specify)	1500	m3	€0.96	€1,441.61
				- ,

Level 2 Backup Sheet (Option 1D)				
Kilbeggan to Mullingar Greenway Project	INSERT DATE ES	TIMATE ISSUED	05/09/2024	
Phase 2 Option Selection	INSERT BASE DA	Feb-23		
INSERT NAME OF TECHNICAL ADVISOR	INSERT NAME C	INSERT NAME OF ESTIMATOR		
E11 Sub-formation and Formation	0 m	12 €0.86	€0.00	
E.12 Landscaping (Specify)		13 €2.32		
E.13 Landscaping (Specify)		n2 €0.80	<u> </u>	
Earthworks Sub-Total			€41,190.38	
Junctions/Interchanges				
Quantify works as per Mainline				
Earthworks Sub-Total				
Side Roads				
Quantify works as per Mainline				
Earthworks Sub-Total				
Earthworks Total to Summary			€41,190.3	
F Pavement				
Mainline				
F.1 Sub-Base (Specify)	m	13 €17.63	€0.00	
F.2 Compaction		n3 €7.21		
F.3 Roadbase (Specify)		n2 €30.77		
F.4 Base Course (Specify)	m	n2 €18.18		
F.5 Wearing Course (Specify)	m	n2 €12.87	€0.00	
Interchanges Quantify works as per Mainline		N/A		
Pavement Sub-Total				
Side Roads				
Quantify works as per Mainline		N/A		
Pavement Sub-Total		N/A		
Pavement Total to Summary			€0.00	
G Kerbs Footways and Paved Areas				
Allowance based on project scope and historical costs	3000 st	ım 17.63	€52,879.93	
H Traffic Signs				
Allowance based on project scope and historical costs	SL	ım	€3,000.0	
· ···· · · · · · · · · · · · · · · · ·			33,2333	
J Roadmarkings				
Allowance based on project scope and historical costs	SL	ım	€3,400.00	
K Lighting and Electrical				
Allowance based on project scope and historical costs	SU	ım N/A		
L Landscaping and Environmental				
Allowance based on project scope and historical costs	SU	ım	€25,600.00	
M Structures (Including Tunnels to be seperately identified)				
Section 1 A Structures				
M.1 Structure Type A (Standard Concrete)	180 per	m² 3930.1	€707,419.4	

Level 2 Backup Sheet (Option 1D)			
Kilbeggan to Mullingar Greenway Project	INSERT DATE ESTIMAT	E ISSUED	05/09/2024
Phase 2 Option Selection	INSERT BASE DATE FO	R FSTIMATF	Feb-23
·			
INSERT NAME OF TECHNICAL ADVISOR	INSERT NAME OF ESTI	MATOR	Michael Conway
M.2 Structure Type A (Standard Steel)	0 per m²	4936.6	€0.00
Structures Total to Summary			€707,419.44
INSERT FURTHER STRUCTURES AS NECESSARY - CLEARLY IDENTIFY S	IGNATURE STRUCTURES		
N Accommodation Works			
Allowance based on project scope and historical costs	sum		€10,798.60
P Statutory Authorities & Utilities	0/	100/	505 500 20
Allowance based on project scope and historical costs	%	10%	€96,602.39
Q Any Other Obligations and Liabilities of the Contractor			
Allowance based on project scope and historical costs	%	10%	€96,602.39
B. Buddenbander			
R Preliminaries R.1 Temporary Works including Traffic Management (Specify)	sum		
R.2 All other Preliminary Items	sum		
Preliminaries Total to Summary	Suiii		€0.00
N.B. Figures are exclusive of VAT except where expressly stated above.			60.00
Figures above are EXCLUSIVE of provision for Inflation - base date to be state	ed if different from date of estimate		
Total base costs to include for ALL qualifying costs under each cost heading.			
Refer to the TII Cost Management Manual for information on coverage and for	mat of back-up.		
See attached Estimate Assumptions Sheet for Further Project Information.			
Land and Property			
Greenway Sustainability Payments	1000 per m	€40.91	€40,910.00
Land Acquisition Payments	8000 per m²	€2.62	€20,998.42
General Disturbance	1 per km	€10,390.00	€10,390.00
Injurious Affection	8000 per m²	€1.97	€15,748.83
Total Land and Property			€88,047.23

Lev	Level 2 Estimate Summary Sheet Option 2A							
		o Mullingar Greenway Project			OF ESTIMATE			
DI	20.	to a Colombia		05/09/2024	DATE 500 DATES			
Phase	2 Opt	tion Selection		Feb-23	DATE FOR RATES			
INSER	T NAN	ME OF TECHNICAL ADVISOR	INSERT NAME OF ESTIMATOR					
	Mainli	ne Section Type :	Greenway	Mainline Lengt	h :		4.00	
		Roads Section Type:	n/a	Link Roads Ler			n/a	
1		Construction Contract (See attached for breakdown	-		Ü		-	
		ented to Level 2 detail)	Quantity	Unit	Rate €		Total €	
	а	Site Clearance	4	Per km	€1,777.96	€	7,112	
	b	Fencing	4	Per km	€44,155.40	€	176,622	
	С	Safety Barriers and Pedestrian Guardrails	4	Per km	€0.00	€	-	
	d	Drainage and Service Ducts	4	Per km	€55,827.42	€	223,310	
	е	Earthworks	4	Per km	€41,190.38	€	164,762	
	f	Pavement	4	Per km	€0.00	€	-	
	g	Kerbs, Footways and Paved Areas	4	Per km	€52,879.91	€	211,520	
	h	Traffic Signs	4	Per km	€3,000.00	€	12,000	
	j	Roadmarking	4	Per km	€3,400.00	€	13,600	
1	k	Lighting and Electrical	4	Per km	€0.00	€	-	
	I	Landscaping and Environmental	4	Per km	€25,600.00	€	102,400	
	m	Structures (Including Tunnels - to be seperately identified)	1	Unit	€393,010.80	€	393,011	
	n	Accommodation Works	4	Per km	€10,798.60	€	43,194	
	р	Statutory Authorities & Utilities	4	Per km	€63,164.05	€	252,656	
	q	Other Costs	4	Per km	€63,164.05	€	252,656	
	r	Preliminaries	4	Per km	€151,593.71	€	606,375	
	S	Active Travel Costs	4	Per km	€0.00	€	-	
	Total	Base Cost for Main Construction Contract (Excluding VAT)				€	2,459,217	
	Add P	Project Specific Risk Contingency		15.0%		€	368,883	
	-	otal exclusive of VAT				€	2,828,099	
		'AT at		13.5%		€	381,793	
	Total	MCC Base Cost plus Project Specific Risk Contingency and VAT				€	3,209,893	
2	Land	and Property - All-In Costs	Quantity	Unit	Rate €			
	а	Mainline and Link Roads - Agricultural	4	Ha.	88047.23	€	352,189	
	b	Mainline and Link Roads - Zoned/Other		Ha.		€	-	
	С	Junction/Interchanges - Agricultural		На.		€	-	
	d	Junction/Interchanges - Zoned		На.		€	-	
	е	Properties (See attached breakdown)		Item		€	-	
	Total	Base Cost for Land and Property				€	352,189	
		Project Specific Risk Contingency		15.0%		€	52,828	
	Total	L&P Base Cost plus Project Specific Risk Contingency				€	405,017	
3	Planı	ning and Design						
	Provis	sion to take account of Actual Costs and Contract Amounts where k	nown	8.0%		€	196,737	
	Add P	Project Specific Risk Contingency		15.0%		€	29,511	
	Total	P&D Base Cost plus Project Specific Risk Contingency				€	226,248	
4	Arch	aeology						
	1	sion to take account of Actual Costs and Contract Amounts where k	nown	7.5%		€	184,441	
1		roject Specific Risk Contingency		15.0%		€	27,666	
L		Archaeology Base Cost plus Project Specific Risk Contingency and	I VAT			€	212,107	
5	Adva	nce Works and Other Contracts						
	1	sion to take account of Actual Costs and Contract Amounts where k	nown	5.0%		€	122,961	
		Project Specific Risk Contingency		15.0%		€	18,444	
1		Enabling Works and Other Contracts Base Cost plus Project Speci	fic Risk Contingenc			€	141,405	
6	Main	Contract Supervision (Employer's Costs)	-				•	
	mani	Tomas oupor Holon (Employer a Obaca)						

LEV	el 2	Estimate Summary Sheet Option 2A				
		o Mullingar Greenway Project tion Selection	05/	ERT DATE OF ESTIMATE (09/2024 ERT BASE DATE FOR RATI Feb-23	ES	
	Provi	sion to take account of Actual Costs and Contract Amounts where known		8.0%	€	196,737
	Add F	Project Specific Risk Contingency		15.0%	€	29,511
	Total	MC Supervision (Employer's Costs) Base Cost plus Project Specific Risk	Contingency		€	226,248
7	Publ	ic Transport Connectivity/Asset Renewal				
	Provi	sion based on percentage of Main Construction Contract Base Cost		0.0%	€	-
	Add F	Project Specific Risk Contingency		15.0%	€	-
	Total	Walking / Cycling / PT Connectivity / Asset Renewal Base Cost plus Pro	ect Specific Risk Co	ontingency	€	-
тот/	AL LEV	/EL 2 ESTIMATE INCLUSIVE OF VAT			€	4 400 040
					€	4,420,918
		Mainline Length	4.00 km	Rate per km	€	1,105,230
			4.00 km	Rate per km % of Total Cost		
	N.B.	Mainline Length		% of Total Cost		1,105,230
	N.B.	Mainline Length Active Travel Costs (includes 10% L&P costs) Risk Incl n/a	RT RATES HERE FOR	% of Total Cost		1,105,230
	N.B.	Mainline Length Active Travel Costs (includes 10% L&P costs) Risk Incl Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSE	RT RATES HERE FOR	% of Total Cost		1,105,230
	N.B.	Mainline Length Active Travel Costs (includes 10% L&P costs) Risk Incl Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSE Figures above are EXCLUSIVE of provision for Inflation - base date to be stated	RT RATES HERE FOR	% of Total Cost		1,105,230

	el 2 Backup Sheet (Option 2A)			
-	ggan to Mullingar Greenway Project	INSERT DATE ESTIN	MATE ISSUED	05/09/2024
	e 2 Option Selection	INSERT BASE DATE		Feb-23
INSEF	NSERT NAME OF TECHNICAL ADVISOR INSERT NAME OF ESTIMATOR			Michael Conway
Mair	n Construction Cost - Base Cost Estimate			
Sum	nmary			
Α	Site Clearance			€1,777.96
В	Fencing			€44,155.40
С	Safety Barriers and Pedestrian Guardrails			€0.00
D	Drainage and Service Ducts			€55,827.42
Е	Earthworks			€41,190.38
F	Pavement			€0.00
G	Kerbs, Footways and Paved Areas			€52,879.91
Н	Traffic Signs			€3,000.00
J	Roadmarking			€3,400.00
K	Lighting and Electrical			€0.00
L	Landscaping and Environmental			€25,600.00
М	Structures (Including Tunnels to be seperately identified)			€393,010.80
N	Accommodation Works			€10,798.60
Р	Statutory Authorities & Utilities			€63,164.05
Q	Any Other Obligations and Liabilities of the Contractor			€63,164.05
S	Active Travel			incl above
	Sub-Total			€757,968.56
R	Preliminaries		20%	€151,593.71
	MCC Base Cost Total excluding Project Specific Risk Contingency			€909,562.27
	Add Project Specific Risk Contingency	25	%	€227,391.00
	MCC Base Cost Total including Project Specific Risk Contingency		_	€1,136,953.27
	Add VAT at	13.5	%	€153,489.00
	MCC Base Cost Total including Project Specific Risk Contingency ar	nd VAT		€1,290,442.27

Level 2 Backup Sheet (Option 2A)				
Kilbeggan to Mullingar Greenway Project	INSERT DATI	E ESTIM/	ATE ISSUED	05/09/202
Phase 2 Option Selection INSERT BA			OR ESTIMATE	Feb-2
NSERT NAME OF TECHNICAL ADVISOR	NAME OF TECHNICAL ADVISOR INSERT NAME OF ESTIMATOR		TIMATOR	Michael Conwa
Mainline Length			4	
MCC Cost per km based on Mainline Length Only	<u>-</u>	€2	84,238.32	
Mainline plus Link Road Length	<u>_</u>		n/a	
MCC Cost per km based on Mainline plus Link Road Length			n/a	
Schedule of Works	Quantity	Unit	Rate/Prices	
A Site Clearance				
A.1 General Site Clearance	0.8	На	€2,222.45	€1,777.9
A.2 Demolition of Buildings	0	Nr.	€3,605.02	€0.0
Site Clearance Total to Summary				€1,777.9
B Fencing				
B.1 Permanent Boundary Fencing	1000	m	€39.95	€39,949.
B.2 Temporary Fencing	1000	 m	€11.52	€33,543.
B.3 Mammal Fencing		m	€46.83	€0.
B.4 Other Fencing (e.g. Palisade Security Fencing)		m	€70.10	€0.
B.5 Other Fencing (e.g. Gates)	5	m	€841.17	€4,205.
Fencing Total to Summary			60 12.17	€44,155.
, , , , , , , , , , , , , , , , , , , ,				
C Safety Barrier and Pedestrian Guardrails				
C.1 Safety Barrier (Specify Type)	0	m		
C.2 Median Barrier (Specify Type e.g. Concrete or Wire)	0	m		
C.3 Pedestrian Guardrail	0	m		
Safety Barrier and Pedestrian Guardrails Total to Summary				
D Drainage and Service Ducts				
D.1 Drainage - Sealed - Mainline and Link Roads		m	€54.03	
D.2 Drainage - Open - Mainline and Link Roads		m	€45.07	
D.3 Drainage and Service Ducts - Side Roads	1000	m	€50.07	50069.
D.A. Drainage to lunctions/Interchanges (Chambers)				
D.4 Drainage to Junctions/Interchanges (Chambers)	5	m	€1,151.60	5758.
D.5 Outfalls	5	m	0	5758.
D.5 Outfalls D.6 Attenuation Ponds/Provision	5	m Item	0	5758.
D.5 Outfalls D.6 Attenuation Ponds/Provision D.7 Service Ducts (Specify Nr. Of Ducts) - Mainline and Link Roads	5	m Item m	0 0 €87.62	5758.
D.5 Outfalls D.6 Attenuation Ponds/Provision D.7 Service Ducts (Specify Nr. Of Ducts) - Mainline and Link Roads D.8 Service Ducts (Specify Nr. Of Ducts) - Junctions/Interchanges	5	m Item m m	0	5758.
D.5 Outfalls D.6 Attenuation Ponds/Provision D.7 Service Ducts (Specify Nr. Of Ducts) - Mainline and Link Roads D.8 Service Ducts (Specify Nr. Of Ducts) - Junctions/Interchanges D.9 Service Ducts (Specify Nr. Of Ducts) - Side Roads	5	m Item m	0 0 €87.62	
D.5 Outfalls D.6 Attenuation Ponds/Provision D.7 Service Ducts (Specify Nr. Of Ducts) - Mainline and Link Roads D.8 Service Ducts (Specify Nr. Of Ducts) - Junctions/Interchanges	5	m Item m m	0 0 €87.62	5758. €55,827.
D.5 Outfalls D.6 Attenuation Ponds/Provision D.7 Service Ducts (Specify Nr. Of Ducts) - Mainline and Link Roads D.8 Service Ducts (Specify Nr. Of Ducts) - Junctions/Interchanges D.9 Service Ducts (Specify Nr. Of Ducts) - Side Roads	5	m Item m m	0 0 €87.62	
D.5 Outfalls D.6 Attenuation Ponds/Provision D.7 Service Ducts (Specify Nr. Of Ducts) - Mainline and Link Roads D.8 Service Ducts (Specify Nr. Of Ducts) - Junctions/Interchanges D.9 Service Ducts (Specify Nr. Of Ducts) - Side Roads Drainage and Service Ducts Total to Summary E Earthworks	5	m Item m m	0 0 €87.62	
D.5 Outfalls D.6 Attenuation Ponds/Provision D.7 Service Ducts (Specify Nr. Of Ducts) - Mainline and Link Roads D.8 Service Ducts (Specify Nr. Of Ducts) - Junctions/Interchanges D.9 Service Ducts (Specify Nr. Of Ducts) - Side Roads Drainage and Service Ducts Total to Summary E Earthworks Mainline & Link Roads		m Item m m	0 0 €87.62 €87.62	€55,827.
D.5 Outfalls D.6 Attenuation Ponds/Provision D.7 Service Ducts (Specify Nr. Of Ducts) - Mainline and Link Roads D.8 Service Ducts (Specify Nr. Of Ducts) - Junctions/Interchanges D.9 Service Ducts (Specify Nr. Of Ducts) - Side Roads Drainage and Service Ducts Total to Summary E Earthworks Mainline & Link Roads E.1 Excavation - Topsoil	1500	m Item m m m	0 0 €87.62 €87.62	€55,827. €6,857.
D.5 Outfalls D.6 Attenuation Ponds/Provision D.7 Service Ducts (Specify Nr. Of Ducts) - Mainline and Link Roads D.8 Service Ducts (Specify Nr. Of Ducts) - Junctions/Interchanges D.9 Service Ducts (Specify Nr. Of Ducts) - Side Roads Drainage and Service Ducts Total to Summary E Earthworks Mainline & Link Roads E.1 Excavation - Topsoil E.2 Excavation - Acceptable	1500 750	m Item m m m m m m m m m m m m m m m m m m	0 0 €87.62 €87.62	€55,827. €6,857. €2,824.
D.5 Outfalls D.6 Attenuation Ponds/Provision D.7 Service Ducts (Specify Nr. Of Ducts) - Mainline and Link Roads D.8 Service Ducts (Specify Nr. Of Ducts) - Junctions/Interchanges D.9 Service Ducts (Specify Nr. Of Ducts) - Side Roads Drainage and Service Ducts Total to Summary E Earthworks Mainline & Link Roads E.1 Excavation - Topsoil E.2 Excavation - Acceptable E.3 Excavation - U1	1500 750 0	m ltem m m m m m m m m m m m m m m m m m m	0 0 €87.62 €87.62 €4.57 €3.77 €3.09	€55,827. €6,857. €2,824. €0.
D.5 Outfalls D.6 Attenuation Ponds/Provision D.7 Service Ducts (Specify Nr. Of Ducts) - Mainline and Link Roads D.8 Service Ducts (Specify Nr. Of Ducts) - Junctions/Interchanges D.9 Service Ducts (Specify Nr. Of Ducts) - Side Roads Drainage and Service Ducts Total to Summary E Earthworks Mainline & Link Roads E.1 Excavation - Topsoil E.2 Excavation - Acceptable E.3 Excavation - U1 E.4 Excavation - U2	1500 750 0	m ltem m m m m m m m m m m m m m m m m m m	0 0 €87.62 €87.62 €3.77 €3.77 €3.09 €8.31	€6,857 €2,824 €0
D.5 Outfalls D.6 Attenuation Ponds/Provision D.7 Service Ducts (Specify Nr. Of Ducts) - Mainline and Link Roads D.8 Service Ducts (Specify Nr. Of Ducts) - Junctions/Interchanges D.9 Service Ducts (Specify Nr. Of Ducts) - Side Roads Drainage and Service Ducts Total to Summary E Earthworks Mainline & Link Roads E.1 Excavation - Topsoil E.2 Excavation - Acceptable E.3 Excavation - U1 E.4 Excavation - U2 E.5 Extra Over Excavation for Hard Material	1500 750 0 0	m ltem m m m m m m m m m m m m m m m m m m	0 0 €87.62 €87.62 €3.77 €3.77 €3.09 €8.31 €14.00	€55,827. €6,857. €2,824. €0. €0.
D.5 Outfalls D.6 Attenuation Ponds/Provision D.7 Service Ducts (Specify Nr. Of Ducts) - Mainline and Link Roads D.8 Service Ducts (Specify Nr. Of Ducts) - Junctions/Interchanges D.9 Service Ducts (Specify Nr. Of Ducts) - Side Roads Drainage and Service Ducts Total to Summary E Earthworks Mainline & Link Roads E.1 Excavation - Topsoil E.2 Excavation - Acceptable E.3 Excavation - U1 E.4 Excavation - U2 E.5 Extra Over Excavation for Hard Material E.6 Processing (Specify source and end use)	1500 750 0 0 0	m ltem m m m m m m m m m m m m m m m m m m	0 0 €87.62 €87.62 €4.57 €3.77 €3.09 €8.31 €14.00 €1.53	€55,827. €6,857. €2,824. €0. €0. €0.
D.5 Outfalls D.6 Attenuation Ponds/Provision D.7 Service Ducts (Specify Nr. Of Ducts) - Mainline and Link Roads D.8 Service Ducts (Specify Nr. Of Ducts) - Junctions/Interchanges D.9 Service Ducts (Specify Nr. Of Ducts) - Side Roads Drainage and Service Ducts Total to Summary E Earthworks Mainline & Link Roads E.1 Excavation - Topsoil E.2 Excavation - Acceptable E.3 Excavation - U1 E.4 Excavation - U2 E.5 Extra Over Excavation for Hard Material E.6 Processing (Specify source and end use) E.7 Disposal - U1	1500 750 0 0 0 0	m ltem m m m m m m m m m m m m m m m m m m	0 0 €87.62 €87.62 €4.57 €3.77 €3.09 €8.31 €14.00 €1.53 €9.73	€55,827. €6,857. €2,824. €0. €0. €0.
D.5 Outfalls D.6 Attenuation Ponds/Provision D.7 Service Ducts (Specify Nr. Of Ducts) - Mainline and Link Roads D.8 Service Ducts (Specify Nr. Of Ducts) - Junctions/Interchanges D.9 Service Ducts (Specify Nr. Of Ducts) - Side Roads Drainage and Service Ducts Total to Summary E Earthworks Mainline & Link Roads E.1 Excavation - Topsoil E.2 Excavation - Acceptable E.3 Excavation - U1 E.4 Excavation - U2 E.5 Extra Over Excavation for Hard Material E.6 Processing (Specify source and end use)	1500 750 0 0 0	m ltem m m m m m m m m m m m m m m m m m m	0 0 €87.62 €87.62 €4.57 €3.77 €3.09 €8.31 €14.00 €1.53	€55,827. €6,857. €2,824. €0. €0.

Level 2 Ba	ckup Sheet (Option 2A)				
	ullingar Greenway Project	INSERT DAT	E ESTIM	ATE ISSUED	05/09/2024
Phase 2 Option	ase 2 Option Selection INSERT BASE DATE FOR ESTIMATE			Feb-23	
·	DF TECHNICAL ADVISOR	INSERT NAN		Michael Conway	
F11 Sub-form	nation and Formation	0	m2	€0.86	€0.00
E.12 Landsca		600	m3	€2.32	€1,390.18
E.13 Landsca		2000	m2	€0.80	€1,600.06
	rks Sub-Total				€41,190.38
Junctions/Int	_				
	works as per Mainline				0
Earthwo	rks Sub-Total				
Side Roads					
	works as per Mainline				0
	rks Sub-Total				
Earthwo	rks Total to Summary				€41,190.38
F Paveme	nt				
Mainline	- (C			647.60	50.00
F.1 Sub-Bas			m3 m3	€17.63 €7.21	€0.00 €0.00
F.2 Compac F.3 Roadbas			m2	€7.21 €30.77	€0.00
F.4 Base Co			m2	€30.77	€0.00
	Course (Specify)		m2	€12.87	€0.00
	nt Sub-Total				€0.00
Interchanges					
	works as per Mainline			N/A	
Paveme	nt Sub-Total				
Side Roads					
	works as per Mainline			N/A	
	nt Sub-Total			N/A	
Paveme	nt Total to Summary				€0.00
	ootways and Paved Areas				
Allowan	ce based on project scope and historical costs	3000	sum	17.63	€52,879.91
U Troffic (Nama				
H Traffic S	ce based on project scope and historical costs		sum		€3,000.00
Allowali	te based on project scope and historical costs		Sum		€3,000.00
J Roadma	ırkings				
	ce based on project scope and historical costs		sum		€3,400.00
	and Electrical				
Allowan	ce based on project scope and historical costs		sum	N/A	
I landee	aping and Environmental				
	ce based on project scope and historical costs		sum		€25,600.00
Allowall	ce susca on project scope and instolical costs		Juili		€23,000.00
M Structu	'es (Including Tunnels to be seperately identified)				
Section 1 A Str	uctures				
M.1 Structur	e Type A (Standard Concrete)	100	per m²	3930.1	€393,010.80

Level 2 Backup Sheet (Option 2A)			
Kilbeggan to Mullingar Greenway Project	INSERT DATE ESTIMAT	E ISSUED	05/09/2024
Phase 2 Option Selection	INSERT BASE DATE FO	R ESTIMATE	Feb-23
INSERT NAME OF TECHNICAL ADVISOR	INSERT NAME OF ESTI	MATOR	Michael Conway
M.2 Structure Type A (Standard Steel)	0 per m²	4936.6	€0.00
Structures Total to Summary			€393,010.80
INSERT FURTHER STRUCTURES AS NECESSARY - CLEARLY IDENTIFY	SIGNATURE STRUCTURES		
N Accommodation Works			
Allowance based on project scope and historical costs	sum		€10,798.60
P Statutory Authorities & Utilities			
Allowance based on project scope and historical costs	%	10%	€63,164.05
Q Any Other Obligations and Liabilities of the Contractor			
Allowance based on project scope and historical costs	%	10%	€63,164.05
R Preliminaries			
R.1 Temporary Works including Traffic Management (Specify)	sum		
R.2 All other Preliminary Items	sum		
Preliminaries Total to Summary			€0.00
N.B. Figures are exclusive of VAT except where expressly stated above.			
Figures above are EXCLUSIVE of provision for Inflation - base date to be st	tated if different from date of estimate.		
Total base costs to include for ALL qualifying costs under each cost heading	g.		
Refer to the TII Cost Management Manual for information on coverage and	format of back-up.		
See attached Estimate Assumptions Sheet for Further Project Information.			
Land and Property			
Greenway Sustainability Payments	1000 per m	€40.91	€40,910.00
Land Acquisition Payments	8000 per m²	€2.62	€20,998.42
General Disturbance	1 per km	€10,390.00	€10,390.00
Injurious Affection	8000 per m²	€1.97	€15,748.81
Total Land and Property			€88,047.23

Lev	Level 2 Estimate Summary Sheet Option 2B							
		o Mullingar Greenway Project			OF ESTIMATE			
05/09/2024 Phase 2 Option Selection INSERT BASE DATE Feb-23				DATE FOR RATES				
INSER	T NAN	ME OF TECHNICAL ADVISOR	INSERT NAME O					
	Mainli	ne Section Type :	Greenway	Mainline Lengtl	n:		2.60	
		Roads Section Type :	n/a	Link Roads Ler			n/a	
1	Main	Construction Contract (See attached for breakdown	0	11.3	Date C		Talal C	
	pres	ented to Level 2 detail)	Quantity	Unit	Rate €		Total €	
	а	Site Clearance	2.6	Per km	€1,777.96	€	4,623	
	b	Fencing	2.6	Per km	€44,155.40	€	114,804	
	С	Safety Barriers and Pedestrian Guardrails	2.6	Per km	€0.00	€	-	
	d	Drainage and Service Ducts	2.6	Per km	€55,827.42	€	145,151	
	е	Earthworks	2.6	Per km	€41,190.38	€	107,095	
	f	Pavement	2.6	Per km	€0.00	€	-	
	g	Kerbs, Footways and Paved Areas	2.6	Per km	€52,879.91	€	137,488	
1	h	Traffic Signs	2.6	Per km	€3,000.00	€	7,800	
	j	Roadmarking	2.6	Per km	€3,400.00	€	8,840	
	k	Lighting and Electrical	2.6	Per km	€0.00	€		
	I	Landscaping and Environmental	2.6	Per km	€25,600.00	€	66,560	
	m	Structures (Including Tunnels - to be seperately identified)	1	Unit	€282,967.78	€	282,968	
	n	Accommodation Works	2.6	Per km	€10,798.60	€	28,076	
	р	Statutory Authorities & Utilities	2.6	Per km	€52,159.74	€	135,615	
	q	Other Costs	2.6	Per km	€52,159.74	€	135,615	
	r	Preliminaries	2.6	Per km	€125,183.39	€	325,477	
	S	Active Travel Costs	2.6	Per km	€0.00	€	-	
		Base Cost for Main Construction Contract (Excluding VAT)		1= 22/		€	1,500,112	
		Project Specific Risk Contingency		15.0%		€	225,017	
	-	otal exclusive of VAT		10.5%		€	1,725,129	
		'AT at		13.5%		€	232,892	
	Total	MCC Base Cost plus Project Specific Risk Contingency and VAT				€	1,958,022	
2	Land	and Property - All-In Costs	Quantity	Unit	Rate €			
	а	Mainline and Link Roads - Agricultural	2.6	На.	88047.23	€	228,923	
	b	Mainline and Link Roads - Zoned/Other		На.		€	-	
	С	Junction/Interchanges - Agricultural		На.		€	-	
	d	Junction/Interchanges - Zoned		На.		€	-	
	е	Properties (See attached breakdown)		Item		€	<u>-</u>	
		Base Cost for Land and Property		45.00/		€	228,923	
		Project Specific Risk Contingency		15.0%		€	34,338	
	ıotal	L&P Base Cost plus Project Specific Risk Contingency				€	263,261	
3	Plani	ning and Design						
	Provis	sion to take account of Actual Costs and Contract Amounts where k	nown	8.0%		€	120,009	
I		Project Specific Risk Contingency		15.0%		€	18,001	
	Total	P&D Base Cost plus Project Specific Risk Contingency				€	138,010	
4	Arch	aeology						
	Provis	sion to take account of Actual Costs and Contract Amounts where k	nown	7.5%		€	112,508	
	Add P	Project Specific Risk Contingency		15.0%		€	16,876	
	Total	Archaeology Base Cost plus Project Specific Risk Contingency and	I VAT			€	129,385	
5	Adva	nce Works and Other Contracts						
	1	sion to take account of Actual Costs and Contract Amounts where k	nown	5.0%		€	75,006	
		Project Specific Risk Contingency		15.0%		€	11,251	
1		Enabling Works and Other Contracts Base Cost plus Project Speci	fic Risk Contingenc			€	86,256	
6	Main	Contract Supervision (Employer's Costs)	-				•	
	maill	Tomas ouportioion (Employer a Coata)						

Lev	rel 2	Estimate Summary Sheet Option 2B			
		o Mullingar Greenway Project tion Selection	INSERT DATE OF ESTIMAT 05/09/2024 INSERT BASE DATE FOR RA Feb-23	_	
	Provi	sion to take account of Actual Costs and Contract Amounts where known	8.0%	€	120,009
	Add F	Project Specific Risk Contingency	15.0%	€	18,001
	Total	MC Supervision (Employer's Costs) Base Cost plus Project Specific Risk Contingency	/	€	138,010
7	Publ	ic Transport Connectivity/Asset Renewal			
	Provi	sion based on percentage of Main Construction Contract Base Cost	0.0%	€	-
	Add F	Project Specific Risk Contingency	15.0%	€	
	Total	Walking / Cycling / PT Connectivity / Asset Renewal Base Cost plus Project Specific F	Risk Contingency	€	-
тот	AL LEV	/EL 2 ESTIMATE INCLUSIVE OF VAT		€	2,712,945
		Mainline Length 2.60	km Rate per km	€	1,043,440
					n/a
		Active Travel Costs (includes 10% L&P costs) Risk Incl	% of Total Cos	st	II/a
	N.B.	Active Travel Costs (includes 10% L&P costs) Risk Incl Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSERT RATES HE		st	II/a
	N.B.		RE FOR EACH COST HEADING }	st	II/a
	N.B.	Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSERT RATES HE	RE FOR EACH COST HEADING }	st	II/a
	N.B.	Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSERT RATES HE Figures above are EXCLUSIVE of provision for Inflation - base date to be stated if different from	RE FOR EACH COST HEADING }	st	Illa

Kilbeg Phase	el 2 Backup Sheet (Option 2B) gan to Mullingar Greenway Project 2 Option Selection	INSERT DATE ESTIN	1ATE ISSUED	05/09/2024
	2 Option Selection			03/03/2024
INSER	hase 2 Option Selection INSERT BASE DATE FOR ESTIMATE			Feb-23
	T NAME OF TECHNICAL ADVISOR	INSERT NAME OF E	STIMATOR	Michael Conway
Main	Construction Cost - Base Cost Estimate			
Sum	mary			
Α	Site Clearance			€1,777.96
В	Fencing			€44,155.40
С	Safety Barriers and Pedestrian Guardrails			€0.00
D	Drainage and Service Ducts			€55,827.42
Е	Earthworks			€41,190.38
F	Pavement			€0.00
G	Kerbs, Footways and Paved Areas			€52,879.91
Н	Traffic Signs			€3,000.00
J	Roadmarking			€3,400.00
K	Lighting and Electrical			€0.00
L	Landscaping and Environmental			€25,600.00
М	Structures (Including Tunnels to be seperately identified)			€282,967.78
N	Accommodation Works			€10,798.60
Р	Statutory Authorities & Utilities			€52,159.74
Q	Any Other Obligations and Liabilities of the Contractor			€52,159.74
S	Active Travel			incl above
	Sub-Total			€625,916.93
R	Preliminaries		20%	€125,183.39
	MCC Base Cost Total excluding Project Specific Risk Contingency			€751,100.32
	Add Project Specific Risk Contingency	25	%	€187,775.00
	MCC Base Cost Total including Project Specific Risk Contingency			€938,875.32
	Add VAT at	13.5	%	€126,748.00
	MCC Base Cost Total including Project Specific Risk Contingency an	nd VAT		€1,065,623.32

Loyal 2 Packup Shoot (Ontion 2P)				
Level 2 Backup Sheet (Option 2B) Kilbeggan to Mullingar Greenway Project	INSERT DAT	E ESTIM	ATE ISSUED	05/09/2024
	INSERT DATE ESTIMATE ISSUED			
nase 2 Option Selection INSERT BASE DATE FOR ESTIMATE			OR ESTIMATE	Feb-23
INSERT NAME OF TECHNICAL ADVISOR	INSERT NAN	INSERT NAME OF ESTIMATOR		Michael Conway
Mainline Length			2.6	
MCC Cost per km based on Mainline Length Only		€3	61,105.89	
AACCE of ACCE Book on the	 Г		. /-	
Mainline plus Link Road Length			n/a	
MCC Cost per km based on Mainline plus Link Road Length			n/a	
Schedule of Works	Quantity	Unit	Rate/Prices	
A 0% 01				
A Site Clearance A.1 General Site Clearance	0.8	На	€2,222.45	£1 777 06
A.1 General site Clearance A.2 Demolition of Buildings	0.8	Nr.	€2,222.43	€1,777.96 €0.00
Site Clearance Total to Summary		141.	65,005.02	€1,777.96
,				·
B Fencing				
B.1 Permanent Boundary Fencing	1000	m	€39.95	€39,949.55
B.2 Temporary Fencing		m	€11.52	€0.00
B.3 Mammal Fencing		m	€46.83	€0.00
B.4 Other Fencing (e.g. Palisade Security Fencing) B.5 Other Fencing (e.g. Gates)	5	m m	€70.10 €841.17	€0.00 €4,205.85
Fencing Total to Summary	<u> </u>	- 111	€041.17	€4,203.83
Tenong rotal to summary				C 1 1,133.10
C Safety Barrier and Pedestrian Guardrails				
C.1 Safety Barrier (Specify Type)	0	m		С
C.2 Median Barrier (Specify Type e.g. Concrete or Wire)	0	m		C
C.3 Pedestrian Guardrail	0	m		C
Safety Barrier and Pedestrian Guardrails Total to Summary				C
D Drainage and Service Ducts				
D.1 Drainage - Sealed - Mainline and Link Roads		m	€54.03	
D.2 Drainage - Open - Mainline and Link Roads		m	€45.07	(
D.3 Drainage and Service Ducts - Side Roads	1000	m	€50.07	50069.41
D.4 Drainage to Junctions/Interchanges (Chambers)	5	m	€1,151.60	5758.01
D.5 Outfalls		m	0	C
D.6 Attenuation Ponds/Provision		Item	0	C
D.7 Service Ducts (Specify Nr. Of Ducts) - Mainline and Link Roads		m	€87.62	(
D.8 Service Ducts (Specify Nr. Of Ducts) - Junctions/Interchanges		m	€87.62	(
D.9 Service Ducts (Specify Nr. Of Ducts) - Side Roads		m		((((((((((((((((((((
Drainage and Service Ducts Total to Summary				€55,827.42
E Earthworks				
Mainline & Link Roads				
E.1 Excavation - Topsoil	1500	m3	€4.57	€6,857.40
E.2 Excavation - Acceptable	750	m3	€3.77	€2,824.78
E.3 Excavation - U1	0	m3	€3.09	€0.00
E.4 Excavation - U2	0	m3	€8.31	€0.00
E.5 Extra Over Excavation for Hard Material	0	m3	€14.00	€0.00
E.6 Processing (Specify source and end use)	0	m3	€1.53	€0.00
E.7 Disposal - U1 E.8 Disposal - U2	0	m3	€9.73 €272.13	€0.00 €0.00
E.9 Import (Specify)	1500	m3 m3	€272.13 €19.12	€28,676.40
E.10 Compaction (Specify)	1500	m3	€0.96	€1,441.61
recent verse II				32, 1.0

Level 2 Backup Sheet (Option 2B)				
Kilbeggan to Mullingar Greenway Project	INSERT DATE	ESTIM	ATE ISSUED	05/09/202
Phase 2 Option Selection	INSERT BASE	INSERT BASE DATE FOR ESTIMATE		
NSERT NAME OF TECHNICAL ADVISOR	HNICAL ADVISOR INSERT NAME OF ESTIMATOR			Michael Conwa
E11 Sub-formation and Formation	0	m2	€0.86	€0.0
E.12 Landscaping (Specify)	600	m3	€2.32	€1,390.1
E.13 Landscaping (Specify)	2000	m2	€0.80	€1,600.0
Earthworks Sub-Total				€41,190.3
Junctions/Interchanges				
Quantify works as per Mainline				
Earthworks Sub-Total				
Side Roads				
Quantify works as per Mainline				
Earthworks Sub-Total				
Earthworks Total to Summary				€41,190.3
F Pavement				
Mainline				
F.1 Sub-Base (Specify)		m3	€17.63	€0.0
F.2 Compaction		m3	€7.21	€0.0
F.3 Roadbase (Specify)		m2	€30.77	€0.0
F.4 Base Course (Specify)		m2	€18.18	€0.0
F.5 Wearing Course (Specify) Pavement Sub-Total		m2	€12.87	€0.0 €0.0
Interchanges Quantify works as per Mainline Pavement Sub-Total Side Roads			N/A	
Quantify works as per Mainline			N/A	
Pavement Sub-Total			N/A	
Pavement Total to Summary			14,71	€0.0
G Kerbs Footways and Paved Areas				
Allowance based on project scope and historical costs	3000	sum	17.63	€52,879.9
II. Treffic Circus				
H Traffic Signs Allowance based on project scope and historical costs		sum		€3,000.0
I. Danida addina				
J Roadmarkings Allowance based on project scope and historical costs		cum		€3,400.0
Allowance based on project scope and historical costs		sum		€3,400.0
K Lighting and Electrical				
Allowance based on project scope and historical costs		sum	N/A	
L Landscaping and Environmental				
Allowance based on project scope and historical costs		sum		€25,600.0
M Structures (Including Tunnels to be seperately identified)				
Section 1 A Structures				
M.1 Structure Type A (Standard Concrete)	72	per m²	3930.1	€282,967.7

Level 2 Backup Sheet (Option 2B)			
Kilbeggan to Mullingar Greenway Project	INSERT DATE ESTIMAT	E ISSUED	05/09/2024
Phase 2 Option Selection	INSERT BASE DATE FO	R ESTIMATE	Feb-23
INSERT NAME OF TECHNICAL ADVISOR	INSERT NAME OF ESTI	MATOR	Michael Conway
M.2 Structure Type A (Standard Steel)	0 per m²	4936.6	€0.00
Structures Total to Summary			€282,967.78
INSERT FURTHER STRUCTURES AS NECESSARY - CLEARLY IDENTIFY	SIGNATURE STRUCTURES		
N Accommodation Works			
Allowance based on project scope and historical costs	sum		€10,798.60
P Statutory Authorities & Utilities			
Allowance based on project scope and historical costs	%	10%	€52,159.74
Q Any Other Obligations and Liabilities of the Contractor			
Allowance based on project scope and historical costs	%	10%	€52,159.74
R Preliminaries			
R.1 Temporary Works including Traffic Management (Specify)	sum		
R.2 All other Preliminary Items	sum		
Preliminaries Total to Summary			€0.00
N.B. Figures are exclusive of VAT except where expressly stated above.			
Figures above are EXCLUSIVE of provision for Inflation - base date to be s	tated if different from date of estimate.		
Total base costs to include for ALL qualifying costs under each cost heading	g.		
Refer to the TII Cost Management Manual for information on coverage and	format of back-up.		
See attached Estimate Assumptions Sheet for Further Project Information.			
Land and Property			
Greenway Sustainability Payments	1000 per m	€40.91	€40,910.00
Land Acquisition Payments	8000 per m²	€2.62	€20,998.42
General Disturbance	1 per km	€10,390.00	€10,390.00
Injurious Affection	8000 per m²	€1.97	€15,748.81
Total Land and Property			€88,047.23

Lev	Level 2 Estimate Summary Sheet Option 2C						
		o Mullingar Greenway Project			OF ESTIMATE		
Phase	2 Opt	tion Selection		05/09/2024 INSERT BASE Feb-23	DATE FOR RATES		
INSER	T NAN	IE OF TECHNICAL ADVISOR	INSERT NAME O	F ESTIMATOR			
	Mainli	ne Section Type :	Greenway	Mainline Lengtl	n:		5.10
	Link F	Roads Section Type :	n/a	Link Roads Ler	ngth:		n/a
1		Construction Contract (See attached for breakdown ented to Level 2 detail)	Quantity	Unit	Rate €		Total €
	-	Site Clearance	F 1	D I	61 777 06		0.060
	a	Fencing	5.1	Per km	€1,777.96	€	9,068
	b	Safety Barriers and Pedestrian Guardrails	5.1	Per km	€44,155.40 €0.00	€	225,193
	C	Drainage and Service Ducts	5.1 5.1	Per km	€0.00 €55,827.42	€	294 720
	d	Earthworks	5.1	Per km Per km	€35,627.42 €41,190.38	€	284,720 210,071
	e f	Pavement	5.1		€41,190.38	€	210,071
		Kerbs, Footways and Paved Areas	5.1	Per km	€52.879.91	€	269,688
	g	Traffic Signs	5.1	Per km	,	€	
	h	Roadmarking	5.1	Per km Per km	€3,000.00 €3,400.00	€	15,300 17,340
	J k	Lighting and Electrical	5.1	Per km	€3,400.00	€	17,340
		Landscaping and Environmental	5.1		€25,600.00	€	130,560
	m	Structures (Including Tunnels - to be seperately identified)	1	Per km Unit	€25,600.00	€	172,925
		Accommodation Works	5.1		€172,924.73	€	55,073
	n	Statutory Authorities & Utilities	5.1	Per km Per km	€41,155.44	€	209,893
	р	Other Costs	5.1		€41,155.44	€	209,893
	q	Preliminaries	5.1	Per km Per km	€98,773.06	€	503,743
	r	Active Travel Costs	5.1	Per km	€98,773.00	€	505,745
		Base Cost for Main Construction Contract (Excluding VAT)	5.1	Perkili	€0.00	€	2,313,464
		Project Specific Risk Contingency		15.0%		€	347,020
		otal exclusive of VAT		13.070		€	2,660,484
	-	'AT at		13.5%		€	359,165
		MCC Base Cost plus Project Specific Risk Contingency and VAT		10.070		€	3,019,649
2	Land	and Property - All-In Costs	Quantity	Unit	Rate €		
~	а	Mainline and Link Roads - Agricultural	4.8		88047.23	€	422,627
	b	Mainline and Link Roads - Zoned/Other	1.0	Ha.	00011.20	€	-
	C	Junction/Interchanges - Agricultural		Ha.		€	_
	d	Junction/Interchanges - Zoned		Ha.		€	_
	e	Properties (See attached breakdown)		Item		€	_
	Total	Base Cost for Land and Property	1			€	422,627
		roject Specific Risk Contingency		15.0%		€	63,394
		L&P Base Cost plus Project Specific Risk Contingency				€	486,021
3	Plani	ning and Design					
	Provis	sion to take account of Actual Costs and Contract Amounts where k	nown	8.0%		€	185,077
	Add P	Project Specific Risk Contingency		15.0%		€	27,762
	Total	P&D Base Cost plus Project Specific Risk Contingency				€	212,839
4	Arch	aeology					
	Provis	sion to take account of Actual Costs and Contract Amounts where k	nown	7.5%		€	173,510
	Add P	Project Specific Risk Contingency		15.0%		€	26,026
	Total	Archaeology Base Cost plus Project Specific Risk Contingency and	I VAT			€	199,536
5	1	nce Works and Other Contracts					44-0-0
		sion to take account of Actual Costs and Contract Amounts where k	nown	5.0%		€	115,673
I		Project Specific Risk Contingency	E. Dist. O	15.0%		€	17,351
		Enabling Works and Other Contracts Base Cost plus Project Speci	TIC KISK Contingend	У		€	133,024
6	Main	Contract Supervision (Employer's Costs)					

Lev	Level 2 Estimate Summary Sheet Option 2C						
		o Mullingar Greenway Project	INSERT DATE OF ESTIMAT 05/09/2024 INSERT BASE DATE FOR R Feb-23	_			
	Provi	sion to take account of Actual Costs and Contract Amounts where known	8.0%	€	185,077		
	Add F	Project Specific Risk Contingency	15.0%	€	27,762		
	Total	MC Supervision (Employer's Costs) Base Cost plus Project Specific Risk Contingency	•	€	212,839		
7	Publ	ic Transport Connectivity/Asset Renewal					
	Provi	sion based on percentage of Main Construction Contract Base Cost	0.0%	€	-		
	Add F	Project Specific Risk Contingency	15.0%	€	-		
	Total	Walking / Cycling / PT Connectivity / Asset Renewal Base Cost plus Project Specific F	Risk Contingency	€	-		
тот	AL LE\	/EL 2 ESTIMATE INCLUSIVE OF VAT		€	4,263,908		
			_				
		Mainline Length 5.10	km Rate per km	€	836,060		
		Mainline Length 5.10 Active Travel Costs (includes 10% L&P costs) Risk Incl	km Rate per km % of Total Co		836,060 n/a		
	N.B.		% of Total Co				
	N.B.	Active Travel Costs (includes 10% L&P costs) Risk Incl	% of Total Co:				
	N.B.	Active Travel Costs (includes 10% L&P costs) Risk Incl Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSERT RATES HE	% of Total Co:				
	N.B.	Active Travel Costs (includes 10% L&P costs) Risk Incl Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSERT RATES HEI Figures above are EXCLUSIVE of provision for Inflation - base date to be stated if different from	% of Total Co:				

	rel 2 Backup Sheet (Option 2C)			
	ggan to Mullingar Greenway Project	INSERT DATE ESTIM	IATE ISSUED	05/09/2024
	e 2 Option Selection	INSERT BASE DATE		Feb-23
INSEF	RT NAME OF TECHNICAL ADVISOR	Michael Conway		
Mair	n Construction Cost - Base Cost Estimate			
Sum	nmary			
Α	Site Clearance			€1,777.96
В	Fencing			€44,155.40
С	Safety Barriers and Pedestrian Guardrails			€0.00
D	Drainage and Service Ducts			€55,827.42
Е	Earthworks			€41,190.38
F	Pavement			€0.00
G	Kerbs, Footways and Paved Areas			€52,879.91
Н	Traffic Signs	€3,000.00		
J	Roadmarking	€3,400.00		
K	Lighting and Electrical			€0.00
L	Landscaping and Environmental			€25,600.00
М	Structures (Including Tunnels to be seperately identified)			€172,924.75
N	Accommodation Works			€10,798.60
Р	Statutory Authorities & Utilities			€41,155.44
Q	Any Other Obligations and Liabilities of the Contractor			€41,155.44
S	Active Travel			incl above
	Sub-Total			€493,865.30
R	Preliminaries		20%	€98,773.06
	MCC Base Cost Total excluding Project Specific Risk Contingency		_	€592,638.36
	Add Project Specific Risk Contingency	25	%	€148,160.00
	MCC Base Cost Total including Project Specific Risk Contingency		_	€740,798.36
	Add VAT at	13.5	%	€100,008.00
	MCC Base Cost Total including Project Specific Risk Contingency ar	nd VAT		€840,806.36

Loyal 2 Bookup Shoot (Ontion 2C)				
Level 2 Backup Sheet (Option 2C) Kilbeggan to Mullingar Greenway Project	INCERT DAT	E ECTINA	ATE ICCLIED	05/00/2024
, ,	INSERT DATE ESTIMATE ISSUED			05/09/2024
Phase 2 Option Selection	INSERT BAS	E DATE F	Feb-23	
INSERT NAME OF TECHNICAL ADVISOR	INSERT NAN	/IE OF ES	TIMATOR	Michael Conway
Mainline Length			5.1	
MCC Cost per km based on Mainline Length Only		€1	45,254.58	
Mainline plus Link Road Length	Γ		n/a	
	L			
MCC Cost per km based on Mainline plus Link Road Length			n/a	
Schedule of Works	Quantity	Unit	Rate/Prices	
A Site Clearance				
A.1 General Site Clearance	0.8	На	€2,222.45	€1,777.96
A.2 Demolition of Buildings	0.0	Nr.	€3.605.02	€0.00
Site Clearance Total to Summary			55,555.52	€1,777.96
·				
B Fencing				
B.1 Permanent Boundary Fencing	1000	m	€39.95	€39,949.55
B.2 Temporary Fencing		m	€11.52	€0.00
B.3 Mammal Fencing		m	€46.83	€0.00
B.4 Other Fencing (e.g. Palisade Security Fencing)	-	m	€70.10	€0.00
B.5 Other Fencing (e.g. Gates)	5	m	€841.17	€4,205.85
Fencing Total to Summary				€44,155.40
C Safety Barrier and Pedestrian Guardrails				
C.1 Safety Barrier (Specify Type)	0	m		0
C.2 Median Barrier (Specify Type e.g. Concrete or Wire)	0	m		0
C.3 Pedestrian Guardrail	0	m		C
Safety Barrier and Pedestrian Guardrails Total to Summary				0
D Drainage and Service Ducts				
D.1 Drainage - Sealed - Mainline and Link Roads		m	€54.03	0
D.2 Drainage - Open - Mainline and Link Roads	1000	m	€45.07	
D.3 Drainage and Service Ducts - Side Roads	1000	m	€50.07	50069.41
D.4 Drainage to Junctions/Interchanges (Chambers) D.5 Outfalls	5	m	€1,151.60 0	5758.01
D.6 Attenuation Ponds/Provision		m Item	0	C
D.7 Service Ducts (Specify Nr. Of Ducts) - Mainline and Link Roads		m	€87.62	
D.8 Service Ducts (Specify Nr. Of Ducts) - Junctions/Interchanges		m	€87.62	(
D.9 Service Ducts (Specify Nr. Of Ducts) - Side Roads		m		(
Drainage and Service Ducts Total to Summary				€55,827.42
E Earthworks				
Mainline & Link Roads				
E.1 Excavation - Topsoil	1500	m3	€4.57	€6,857.40
E.2 Excavation - Acceptable	750	m3	€3.77	€2,824.78
E.3 Excavation - U1	0	m3	€3.09	€0.00
E.4 Excavation - U2	0	m3	€8.31	€0.00
E.5 Extra Over Excavation for Hard Material	0	m3	€14.00	€0.00
E.6 Processing (Specify source and end use)	0	m3	€1.53	€0.00
E.7 Disposal - U1	0	m3	€9.73	€0.00
E.8 Disposal - U2	0	m3	€272.13	€0.00
E.9 Import (Specify)	1500	m3	€19.12	€28,676.40
E.10 Compaction (Specify)	1500	m3	€0.96	€1,441.61

Level 2 Backup Sheet (Option 2C)					
Kilbeggan to Mullingar Greenway Project	INSERT DATE	ESTIM	ATE ISSUED	05/09/2024	
Phase 2 Option Selection	INSERT BASE	INSERT BASE DATE FOR ESTIMATE			
INSERT NAME OF TECHNICAL ADVISOR	INSERT NAMI	INSERT NAME OF ESTIMATOR			
E11 Sub-formation and Formation	0	m2	€0.86	€0.00	
E.12 Landscaping (Specify)	600	m3	€2.32	€1,390.18	
E.13 Landscaping (Specify)	2000	m2	€0.80	€1,600.00	
Earthworks Sub-Total				€41,190.38	
Junctions/Interchanges					
Quantify works as per Mainline				(
Earthworks Sub-Total				<u>`</u>	
City Books					
Side Roads Quantify works as per Mainline					
Earthworks Sub-Total				·	
Earthworks Total to Summary				€41,190.3	
F Pavement					
Martilla					
Mainline F.1 Sub-Base (Specify)		m3	€17.63	€0.0	
F.2 Compaction		m3	€17.65	€0.0	
F.3 Roadbase (Specify)		m2	€30.77	€0.00	
F.4 Base Course (Specify)		m2	€18.18	€0.00	
F.5 Wearing Course (Specify)		m2	€12.87	€0.0	
Pavement Sub-Total				€0.00	
Interchanges			21/2		
Quantify works as per Mainline Pavement Sub-Total			N/A		
Side Roads					
Quantify works as per Mainline			N/A		
Pavement Sub-Total			N/A		
Pavement Total to Summary				€0.00	
G Kerbs Footways and Paved Areas					
Allowance based on project scope and historical costs	3000	sum	17.63	€52,879.9	
H Traffic Signs					
Allowance based on project scope and historical costs		sum		€3,000.0	
р уулган үн түү				,	
J Roadmarkings					
Allowance based on project scope and historical costs		sum		€3,400.0	
K Lighting and Electrical					
Allowance based on project scope and historical costs		sum	N/A		
L. Landsconing and Environmental					
L Landscaping and Environmental Allowance based on project scope and historical costs		sum		€25,600.0	
Anowaried based on project scope and institution costs		Juiii		£23,000.0t	
M Structures (Including Tunnels to be seperately identified)					
Section 1 A Structures					
M.1 Structure Type A (Standard Concrete)	44	per m²	3930.1	€172,924.7	

Level 2 Backup Sheet (Option 2C)			
Kilbeggan to Mullingar Greenway Project	INSERT DATE ESTIMAT	E ISSUED	05/09/2024
Phase 2 Option Selection	INSERT BASE DATE FO	R ESTIMATE	Feb-23
INSERT NAME OF TECHNICAL ADVISOR	INSERT NAME OF ESTI	MATOR	Michael Conway
M.2 Structure Type A (Standard Steel)	0 per m²	4936.6	€0.00
Structures Total to Summary	·		€172,924.75
INSERT FURTHER STRUCTURES AS NECESSARY - CLEARLY IDENTIFY	SIGNATURE STRUCTURES		
N Accommodation Works			
Allowance based on project scope and historical costs	sum		€10,798.60
P Statutory Authorities & Utilities			
Allowance based on project scope and historical costs	%	10%	€41,155.44
Q Any Other Obligations and Liabilities of the Contractor Allowance based on project scope and historical costs	%	10%	€41,155.44
R Preliminaries			
R.1 Temporary Works including Traffic Management (Specify)	sum		
R.2 All other Preliminary Items	sum		
Preliminaries Total to Summary			€0.00
N.B. Figures are exclusive of VAT except where expressly stated above. Figures above are EXCLUSIVE of provision for Inflation - base date to be sta	ted if different from date of estimate.		
Total base costs to include for ALL qualifying costs under each cost heading.			
Refer to the TII Cost Management Manual for information on coverage and for	ormat of back-up.		
See attached Estimate Assumptions Sheet for Further Project Information.			
Land and Property	1000	640.04	640.040.00
Greenway Sustainability Payments	1000 per m	€40.91 €2.62	€40,910.00
Land Acquisition Payments	8000 per m²		€20,998.42 €10,300,00
General Disturbance	1 per km 8000 per m²	€10,390.00 €1.97	€10,390.00 €15,748.81
Injurious Affection Total Land and Property	oud per III	€1.57	€13,748.81 €88,047.23

Lev	Level 2 Estimate Summary Sheet Option 2D							
	Kilbeggan to Mullingar Greenway Project INSERT DATE OF ESTIMATE							
Phase	2 Opt	ion Selection		05/09/2024 INSERT BASE Feb-23	DATE FOR RATES			
INSER	T NAN	1E OF TECHNICAL ADVISOR	INSERT NAME O					
	Mainli	ne Section Type :	Greenway	Mainline Lengtl	n :		16.10	
		toads Section Type :	n/a	Link Roads Ler			n/a	
1		Construction Contract (See attached for breakdown						
	prese	ented to Level 2 detail)	Quantity	Unit	Rate €		Total €	
	а	Site Clearance	16.1	Per km	€1,777.96	€	28,625	
	b	Fencing	16.1	Per km	€64,130.17	€	1,032,496	
	С	Safety Barriers and Pedestrian Guardrails	16.1	Per km	€0.00	€	-	
	d	Drainage and Service Ducts	16.1	Per km	€55,827.42	€	898,821	
	е	Earthworks	16.1	Per km	€41,190.38	€	663,165	
	f	Pavement	16.1	Per km	€0.00	€	-	
	g	Kerbs, Footways and Paved Areas	16.1	Per km	€52,879.91	€	851,366	
	h	Traffic Signs	16.1	Per km	€3,000.00	€	48,300	
	j	Roadmarking	16.1	Per km	€3,400.00	€	54,740	
	k	Lighting and Electrical	16.1	Per km	€0.00	€	-	
	- 1	Landscaping and Environmental	16.1	Per km	€25,600.00	€	412,160	
	m	Structures (Including Tunnels - to be seperately identified)	1	Unit	€597,376.42	€	597,376	
	n	Accommodation Works	16.1	Per km	€10,798.60	€	173,857	
	р	Statutory Authorities & Utilities	16.1	Per km	€85,598.09	€	1,378,129	
	q	Other Costs Preliminaries	16.1	Per km	€85,598.09	€	1,378,129	
	r	Active Travel Costs	16.1	Per km	€205,435.41	€	3,307,510	
	S		16.1	Per km	€0.00	€	40.004.070	
		Base Cost for Main Construction Contract (Excluding VAT)		15.00/		€	10,824,676	
		roject Specific Risk Contingency		15.0%		€	1,623,701 12,448,378	
	Add V	otal exclusive of VAT		13.5%		€	1,680,531	
		MCC Base Cost plus Project Specific Risk Contingency and VAT		13.370		€	14,128,909	
			I	1			,	
2		and Property - All-In Costs	Quantity	Unit	Rate €		0.45.050	
	a	Mainline and Link Roads - Agricultural	9.6		88047.23	€	845,253	
	b	Mainline and Link Roads - Zoned/Other		Ha.		€		
	С	Junction/Interchanges - Agricultural		Ha.		€	-	
	d	Junction/Interchanges - Zoned Properties (See attached breakdown)		Ha.		€	-	
	Total	,		Item		€	845,253	
		Base Cost for Land and Property roject Specific Risk Contingency		15.0%		€	126,788	
		L&P Base Cost plus Project Specific Risk Contingency		10.070		€	972,041	
		. , , ,					012,071	
3		ning and Design		.000	1	_	00=0=1	
		ion to take account of Actual Costs and Contract Amounts where k	nown	8.0%		€	865,974	
		roject Specific Risk Contingency		15.0%		€	129,896	
	ıotal	P&D Base Cost plus Project Specific Risk Contingency				€	995,870	
4	Arch	aeology			1			
		ion to take account of Actual Costs and Contract Amounts where k	nown	7.5%		€	811,851	
		roject Specific Risk Contingency		15.0%		€	121,778	
	Total	Archaeology Base Cost plus Project Specific Risk Contingency and	VAT			€	933,628	
5	Adva	nce Works and Other Contracts						
	Provis	ion to take account of Actual Costs and Contract Amounts where k	nown	5.0%		€	541,234	
	Add P	roject Specific Risk Contingency		15.0%		€	81,185	
	Total	Enabling Works and Other Contracts Base Cost plus Project Speci	fic Risk Contingenc	у		€	622,419	
6	Main	Contract Supervision (Employer's Costs)						

LEV	rel 2	Estimate Summary Sheet Option 2D				
		o Mullingar Greenway Project tion Selection		INSERT DATE OF ESTIMA 05/09/2024 INSERT BASE DATE FOR I Feb-23		
	Provis	sion to take account of Actual Costs and Contract Amounts where	known	8.0%	€	865,974
	Add F	Project Specific Risk Contingency		15.0%	€	129,896
	Total	MC Supervision (Employer's Costs) Base Cost plus Project Specif	ic Risk Contingency		€	995,870
7	Publ	ic Transport Connectivity/Asset Renewal				
	Provis	sion based on percentage of Main Construction Contract Base Cos	st	0.0%	€	-
	Add F	Project Specific Risk Contingency		15.0%	€	-
	Total	Walking / Cycling / PT Connectivity / Asset Renewal Base Cost pl	us Project Specific R	isk Contingency	€	-
тот/	ΔΙ Ι Ε \	(EL A FOTIMATE INCLUSIVE OF VAT				
		VEL 2 ESTIMATE INCLUSIVE OF VAT			€	18,648,738
		Mainline Length	16.10	km Rate per km	€	1,158,307
			16.10 n/a	km Rate per km % of Total Co	€	
	N.B.	Mainline Length	n/a	% of Total C	€ ost	1,158,307
		Mainline Length Active Travel Costs (includes 10% L&P costs) Risk Incl	n/a E INSERT RATES HER	% of Total C	€ ost	1,158,307
		Mainline Length Active Travel Costs (includes 10% L&P costs) Risk Incl Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEAS	n/a E INSERT RATES HER stated if different from	% of Total C	€ ost	1,158,307
		Mainline Length Active Travel Costs (includes 10% L&P costs) Risk Incl Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEAS Figures above are EXCLUSIVE of provision for Inflation - base date to be	n/a E INSERT RATES HER stated if different from ing.	% of Total C	€ ost	1,158,307

	el 2 Backup Sheet (Option 2D)			
	ggan to Mullingar Greenway Project	INSERT DATE EST	IMATE ISSUED	05/09/2024
	e 2 Option Selection	INSERT BASE DAT		Feb-23
INSEF	RT NAME OF TECHNICAL ADVISOR	Michael Conway		
Mair	n Construction Cost - Base Cost Estimate			
Sum	nmary			
Α	Site Clearance			€1,777.96
В	Fencing			€64,130.17
С	Safety Barriers and Pedestrian Guardrails			€0.00
D	Drainage and Service Ducts			€55,827.42
Е	Earthworks			€41,190.38
F	Pavement			€0.00
G	Kerbs, Footways and Paved Areas			€52,879.91
Н	Traffic Signs	€3,000.00		
J	Roadmarking			€3,400.00
K	Lighting and Electrical			€0.00
L	Landscaping and Environmental			€25,600.00
М	Structures (Including Tunnels to be seperately identified)			€597,376.42
N	Accommodation Works			€10,798.60
Р	Statutory Authorities & Utilities			€85,598.09
Q	Any Other Obligations and Liabilities of the Contractor			€85,598.09
S	Active Travel			incl above
	Sub-Total			€1,027,177.03
R	Preliminaries		20%	€205,435.41
	MCC Base Cost Total excluding Project Specific Risk Contingency			€1,232,612.44
	Add Project Specific Risk Contingency	25	%	€308,153.00
	MCC Base Cost Total including Project Specific Risk Contingency			€1,540,765.44
	Add VAT at	13.5	%	€208,003.00
	MCC Base Cost Total including Project Specific Risk Contingency a	and VAT		€1,748,768.44

Level 2 Backup Sheet (Option 2D)				
Kilbeggan to Mullingar Greenway Project	INSERT DAT	F ESTIM	ATE ISSUED	05/09/2024
, ,				
Phase 2 Option Selection	INSERT BASE DATE FOR ESTIMATE			Feb-23
INSERT NAME OF TECHNICAL ADVISOR	INSERT NAN	INSERT NAME OF ESTIMATOR		Michael Conway
Mainline Length			16.1	
MCC Cost per km based on Mainline Length Only		€9	95,699.72	
			,	
Mainline plus Link Road Length	L		n/a	
MCC Cost per km based on Mainline plus Link Road Length	L		n/a	
Schedule of Works	Quantity	Unit	Rate/Prices	
A Site Clearance				
A.1 General Site Clearance	0.8	Ha	€2,222.45	€1,777.96
A.2 Demolition of Buildings Site Clearance Total to Summary	0	Nr.	€3,605.02	€0.00 €1,777.96
Site clearance rotal to Summary				€1,777.90
B Fencing				
B.1 Permanent Boundary Fencing	1500	m	€39.95	€59,924.33
B.2 Temporary Fencing	0	m	€11.52	€0.00
B.3 Mammal Fencing	0	m	€46.83	€0.00
B.4 Other Fencing (e.g. Palisade Security Fencing)	0	m	€70.10	€0.00
B.5 Other Fencing (e.g. Gates)	5	m	€841.17	€4,205.85
Fencing Total to Summary				€64,130.17
C Safety Barrier and Pedestrian Guardrails				
C Safety Barrier and Pedestrian Guardrails C.1 Safety Barrier (Specify Type)	0	m		0
C.2 Median Barrier (Specify Type e.g. Concrete or Wire)	0	m		0
C.3 Pedestrian Guardrail	0	m		
Safety Barrier and Pedestrian Guardrails Total to Summary				0
,				
D Drainage and Service Ducts				
D.1 Drainage - Sealed - Mainline and Link Roads		m	€54.03	C
D.2 Drainage - Open - Mainline and Link Roads		m	€45.07	С
D.3 Drainage and Service Ducts - Side Roads	1000	m	€50.07	50069.41
D.4 Drainage to Junctions/Interchanges (Chambers)	5	m	€1,151.60	5758.01
D.5 Outfalls		m	0	0
D.6 Attenuation Ponds/Provision D.7 Service Ducts (Specify Nr. Of Ducts) - Mainline and Link Roads		ltem m	€87.62	
D.8 Service Ducts (Specify Nr. Of Ducts) - Junctions/Interchanges		m	€87.62	
D.9 Service Ducts (Specify Nr. Of Ducts) - Side Roads		m	607.02	C
Drainage and Service Ducts Total to Summary				€55,827.42
E Earthworks				
Mainline & Link Roads				
E.1 Excavation - Topsoil	1500	m3	€4.57	€6,857.40
E.2 Excavation - Acceptable	750	m3	€3.77	€2,824.78
E.3 Excavation - U1	0	m3	€3.09	€0.00
E.4 Excavation - U2	0	m3	€8.31	€0.00
E.5 Extra Over Excavation for Hard Material	0	m3	€14.00	€0.00
E.6 Processing (Specify source and end use)	0	m3	€1.53	€0.00
E.7 Disposal - U1	0	m3	€9.73	€0.00
E.8 Disposal - U2	1500	m3	€272.13 €10.13	€0.00
E.9 Import (Specify) E.10 Compaction (Specify)	1500 1500	m3 m3	€19.12 €0.96	€28,676.40 €1,441.61
2.10 Compaction (Specify)	1000	1113	€0.50	£1,441.01

Level 2 Backup Sheet (Option 2D)			
Kilbeggan to Mullingar Greenway Project	INSERT DATE ESTIMATI	E ISSUED	05/09/2024
Phase 2 Option Selection	INSERT BASE DATE FOR ESTIMATE		Feb-23
INSERT NAME OF TECHNICAL ADVISOR	INSERT NAME OF ESTIN	Michael Conway	
E11 Sub-formation and Formation	m2	€0.86	€0.00
E.12 Landscaping (Specify)	600 m3	€2.32	€1,390.18
E.13 Landscaping (Specify)	2000 m2	€0.80	€1,600.06
Earthworks Sub-Total			€41,190.38
Junctions/Interchanges			
Quantify works as per Mainline			(
Earthworks Sub-Total			·
Side Roads			
Quantify works as per Mainline			
Earthworks Sub-Total			<u> </u>
Earthworks Total to Summary			€41,190.3
F Pavement			
Martillan			
Mainline F.1 Sub-Base (Specify)	m3	€17.63	€0.0
F.2 Compaction	m3	€7.21	€0.0
F.3 Roadbase (Specify)	m2	€30.77	€0.00
F.4 Base Course (Specify)	m2	€18.18	€0.00
F.5 Wearing Course (Specify)	m2	€12.87	€0.00
Pavement Sub-Total			€0.00
laterales			
Interchanges Quantify works as per Mainline	N	/A	
Pavement Sub-Total	···	,,,,	
City Paralla			
Side Roads Quantify works as per Mainline	N	/A	
Pavement Sub-Total		/A	
Pavement Total to Summary		,,,	€0.00
G Kerbs Footways and Paved Areas	2000	47.62	CF 2 070 0
Allowance based on project scope and historical costs	3000 sum	17.63	€52,879.93
H Traffic Signs			
Allowance based on project scope and historical costs	sum		€3,000.0
J Roadmarkings			
Allowance based on project scope and historical costs	sum		€3,400.0
K Lighting and Electrical Allowance based on project scope and historical costs	cum N	/^	
Allowance based on project scope and historical costs	sum N	/A	
L Landscaping and Environmental			007 005 7
Allowance based on project scope and historical costs	sum		€25,600.00
M Structures (Including Tunnels to be seperately identified)			
Section 1 A Structures			
M.1 Structure Type A (Standard Concrete)	152 per m²	3930.1	€597,376.42

Level 2 Backup Sheet (Option 2D)			
Kilbeggan to Mullingar Greenway Project	INSERT DATE ESTIMAT	TE ISSUED	05/09/2024
Phase 2 Option Selection	INSERT BASE DATE FO	R ESTIMATE	Feb-23
INSERT NAME OF TECHNICAL ADVISOR	INSERT NAME OF EST	MATOR	Michael Conway
M.2 Structure Type A (Standard Steel)	0 per m²	4936.6	€0.00
Structures Total to Summary			€597,376.42
INSERT FURTHER STRUCTURES AS NECESSARY - CLEARLY IDENTIFY	SIGNATURE STRUCTURES		
N Accommodation Works			
Allowance based on project scope and historical costs	sum		€10,798.60
P Statutory Authorities & Utilities			
Allowance based on project scope and historical costs	%	10%	€85,598.09
Q Any Other Obligations and Liabilities of the Contractor Allowance based on project scope and historical costs	%	10%	€85,598.09
R Preliminaries	,,	20/0	333,533.63
R.1 Temporary Works including Traffic Management (Specify)	sum		
R.2 All other Preliminary Items	sum		
Preliminaries Total to Summary			€0.00
N.B. Figures are exclusive of VAT except where expressly stated above. Figures above are EXCLUSIVE of provision for Inflation - base date to be sta	ated if different from date of estimate.		
Total base costs to include for ALL qualifying costs under each cost heading.			
Refer to the TII Cost Management Manual for information on coverage and fo	ormat of back-up.		
See attached Estimate Assumptions Sheet for Further Project Information.			
Land and Property			
Greenway Sustainability Payments	1000 per m	€40.91	€40,910.00
Land Acquisition Payments	8000 per m ²	€2.62	€20,998.42
General Disturbance	1 per km	€10,390.00	€10,390.00
Injurious Affection	8000 per m ²	€1.97	€15,748.81
Total Land and Property			€88,047.23

Lev	el 2	Estimate Summary Sheet Link CD					
		Mullingar Greenway Project			OF ESTIMATE		
Phase	2 Opt	ion Selection	05/09/2024 INSERT BASE DATE FOR RATES Feb-23				
INSER	T NAM	IE OF TECHNICAL ADVISOR	INSERT NAME O				
	Mainli	ne Section Type :	Greenway	Mainline Lengtl	n:		1.50
		oads Section Type :	n/a	Link Roads Ler			n/a
1		Construction Contract (See attached for breakdown					
	prese	ented to Level 2 detail)	Quantity	Unit	Rate €		Total €
	а	Site Clearance	1.5	Per km	€1,777.96	€	2,667
	b	Fencing	1.5	Per km	€64,130.17	€	96,195
	С	Safety Barriers and Pedestrian Guardrails	1.5	Per km	€0.00	€	-
	d	Drainage and Service Ducts	1.5	Per km	€55,827.42	€	83,741
	е	Earthworks	1.5	Per km	€41,190.38	€	61,786
	f	Pavement	1.5	Per km	€0.00	€	-
	g	Kerbs, Footways and Paved Areas	1.5	Per km	€52,879.91	€	79,320
	h	Traffic Signs	1.5	Per km	€3,000.00	€	4,500
	j	Roadmarking	1.5	Per km	€3,400.00	€	5,100
	k	Lighting and Electrical	1.5	Per km	€0.00	€	-
	I	Landscaping and Environmental	1.5	Per km	€25,600.00	€	38,400
	m	Structures (Including Tunnels - to be seperately identified)	1	Unit	€0.00	€	-
	n	Accommodation Works	1.5	Per km	€10,798.60	€	16,198
	р	Statutory Authorities & Utilities	1.5	Per km	€25,860.44	€	38,791
	q	Other Costs Preliminaries	1.5	Per km	€25,860.44	€	38,791
	r	Active Travel Costs	1.5	Per km	€62,065.06	€	93,098
	S		1.5	Per km	€0.00	€	-
		Base Cost for Main Construction Contract (Excluding VAT)		1E 00/		€	558,586
		roject Specific Risk Contingency		15.0%		€	83,788
	Add V	otal exclusive of VAT		13.5%		€	642,373 86,720
		AT สเ MCC Base Cost plus Project Specific Risk Contingency and VAT		13.5%		€	729,094
				1 1			723,034
2		and Property - All-In Costs	Quantity	Unit	Rate €		00.111
	а	Mainline and Link Roads - Agricultural	0.3		88047.23	€	26,414
	b	Mainline and Link Roads - Zoned/Other		Ha.		€	-
	C .	Junction/Interchanges - Agricultural		Ha.		€	-
	d	Junction/Interchanges - Zoned Properties (See attached breakdown)		Ha.		€	-
	e Total			Item		€	26,414
		Base Cost for Land and Property		15.0%		€	3,962
		roject Specific Risk Contingency _&P Base Cost plus Project Specific Risk Contingency		10.070		€	30,376
		. , , ,					50,510
3		ning and Design		.000	1	-	44.00=
		ion to take account of Actual Costs and Contract Amounts where k	nown	8.0%		€	44,687
		roject Specific Risk Contingency		15.0%		€	6,703
	ıotal	P&D Base Cost plus Project Specific Risk Contingency				€	51,390
4	Arch	aeology					
	Provis	ion to take account of Actual Costs and Contract Amounts where k	nown	7.5%		€	41,894
		roject Specific Risk Contingency		15.0%		€	6,284
	Total .	Archaeology Base Cost plus Project Specific Risk Contingency and	VAT			€	48,178
5	Adva	nce Works and Other Contracts					
	Provis	ion to take account of Actual Costs and Contract Amounts where k	nown	5.0%		€	27,929
	Add P	roject Specific Risk Contingency		15.0%		€	4,189
	Total	Enabling Works and Other Contracts Base Cost plus Project Specif	fic Risk Contingend	у		€	32,119
6	Main	Contract Supervision (Employer's Costs)					

ECV	el 2 l	Estimate Summary Sheet Link CD					
		Mullingar Greenway Project ion Selection		INSERT DATE (05/09/2024 INSERT BASE D Feb-23	OF ESTIMATE DATE FOR RATES		
	Provis	ion to take account of Actual Costs and Contract Amounts whe	re known	8.0%		€	44,687
	Add P	roject Specific Risk Contingency		15.0%		€	6,703
<u> </u>	Total I	MC Supervision (Employer's Costs) Base Cost plus Project Spe	cific Risk Contingency			€	51,390
7	Publi	c Transport Connectivity/Asset Renewal					
	Provis	ion based on percentage of Main Construction Contract Base C	ost	0.0%		€	-
	Add P	roject Specific Risk Contingency		15.0%		€	-
	Total \	Nalking / Cycling / PT Connectivity / Asset Renewal Base Cost	plus Project Specific F	Risk Contingency		€	-
TOT							
1017	AL LEV	EL 2 ESTIMATE INCLUSIVE OF VAT			-	€	942,547
1017	AL LEV	Mainline Length	1.50	km F	Rate per km	€	942,547
1017	AL LEV		1.50 n/a	→ ¬	tate per km 6 of Total Cost		,
1017	N.B.	Mainline Length	n/a	9	6 of Total Cost		628,364
1012		Mainline Length Active Travel Costs (includes 10% L&P costs) Risk Incl	n/a	% % % % % % % % % % % % % % % % % % %	6 of Total Cost		628,364
1012		Mainline Length Active Travel Costs (includes 10% L&P costs) Risk Incl Figures above are INCLUSIVE of VAT - VAT rates utilised are: { PLEA	n/a SE INSERT RATES HER be stated if different from	% % % % % % % % % % % % % % % % % % %	6 of Total Cost		628,364
1012		Mainline Length Active Travel Costs (includes 10% L&P costs) Risk Incl Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEAFigures above are EXCLUSIVE of provision for Inflation - base date to	n/a ASE INSERT RATES HER be stated if different from ading.	% % % % % % % % % % % % % % % % % % %	6 of Total Cost		628,364

Lev	el 2 Backup Sheet (LinkCD)			
	ggan to Mullingar Greenway Project	INSERT DATE ESTI	MATE ISSUED	05/09/2024
Phase	e 2 Option Selection	INSERT BASE DATE	FOR ESTIMATE	Feb-23
INSER	RT NAME OF TECHNICAL ADVISOR	INSERT NAME OF	ESTIMATOR	Michael Conway
Mair	n Construction Cost - Base Cost Estimate			
Sum	nmary			
Α	Site Clearance			€1,777.96
В	Fencing			€64,130.17
С	Safety Barriers and Pedestrian Guardrails			€0.00
D	Drainage and Service Ducts			€55,827.42
Е	Earthworks			€41,190.38
F	Pavement			€0.00
G	Kerbs, Footways and Paved Areas			€52,879.91
Н	Traffic Signs			€3,000.00
J	Roadmarking			€3,400.00
K	Lighting and Electrical			€0.00
L	Landscaping and Environmental			€25,600.00
М	Structures (Including Tunnels to be seperately identified)			€0.00
N	Accommodation Works			€10,798.60
Р	Statutory Authorities & Utilities			€25,860.44
Q	Any Other Obligations and Liabilities of the Contractor			€25,860.44
S	Active Travel			incl above
	Sub-Total			€310,325.32
R	Preliminaries		20%	€62,065.06
	MCC Base Cost Total excluding Project Specific Risk Contingency			€372,390.38
	Add Project Specific Risk Contingency	25	%	€93,098.00
	MCC Base Cost Total including Project Specific Risk Contingency			€465,488.38
	Add VAT at	13.5	%	€62,841.00
	MCC Base Cost Total including Project Specific Risk Contingency and	nd VAT		€528,329.38

Mainline Length			1.5	
MCC Cost per km based on Mainline Length Only		€3	10,325.59	
Mainline plus Link Road Length	Γ		n/a	
MCC Cost per km based on Mainline plus Link Road Length	Γ		n/a	
Schedule of Works	Quantity	Unit	Rate/Prices	
A Site Clearance A.1 General Site Clearance	0.8	На	€2,222.45	€1,777.96
A.2 Demolition of Buildings	0.8	Nr.	€3,605.02	€1,777.90
Site Clearance Total to Summary	<u> </u>	INI.	€3,003.02	€1,777.96
P. Fandan				
B.1 Permanent Boundary Fencing	1500	m	€39.95	€59,924.33
B.2 Temporary Fencing	0		€39.93	€39,924.33
· · · · · ·		m		
B.3 Mammal Fencing	0	m	€46.83	€0.00
B.4 Other Fencing (e.g. Palisade Security Fencing)	0	m	€70.10	€0.00
B.5 Other Fencing (e.g. Gates)	5	m	€841.17	€4,205.85
Fencing Total to Summary				€64,130.17
C Safety Barrier and Pedestrian Guardrails				
C.1 Safety Barrier (Specify Type)	0	m		(
C.2 Median Barrier (Specify Type e.g. Concrete or Wire)	0	m		(
C.3 Pedestrian Guardrail	0	m		(
Safety Barrier and Pedestrian Guardrails Total to Summary				(
D Drainage and Service Ducts				
D.1 Drainage - Sealed - Mainline and Link Roads		m	€54.03	(
D.2 Drainage - Open - Mainline and Link Roads		m	€45.07	C
D.3 Drainage and Service Ducts - Side Roads	1000	m	€50.07	50069.41
D.4 Drainage to Junctions/Interchanges (Chambers)	5	m	€1,151.60	5758.01
D.5 Outfalls		m	0	(
D.6 Attenuation Ponds/Provision		Item	0	(
D.7 Service Ducts (Specify Nr. Of Ducts) - Mainline and Link Roads		m	€87.62	(
D.8 Service Ducts (Specify Nr. Of Ducts) - Junctions/Interchanges		m	€87.62	(
D.9 Service Ducts (Specify Nr. Of Ducts) - Side Roads		m		C
Drainage and Service Ducts Total to Summary				€55,827.42
E Earthworks				
L Lutiliworks				
Mainline & Link Roads				
E.1 Excavation - Topsoil	1500	m3	€4.57	€6,857.40
E.2 Excavation - Acceptable	750	m3	€3.77	€2,824.78
E.3 Excavation - U1	0	m3	€3.09	€0.00
E.4 Excavation - U2	0	m3	€8.31	€0.00
E.5 Extra Over Excavation for Hard Material	0	m3	€14.00	€0.00
E.6 Processing (Specify source and end use)	0	m3	€1.53	€0.00
E.7 Disposal - U1	0	m3	€9.73	€0.00
E.8 Disposal - U2	0	m3	€272.13	€0.00
E.9 Import (Specify)	1500	m3	€19.12	€28,676.40
E.10 Compaction (Specify)	1500	m3	€0.96	€1,441.61
E11 Sub-formation and Formation		m2	€0.86	€0.00
E.12 Landscaping (Specify)	600	m3	€2.32	€1,390.18
E.13 Landscaping (Specify)		m2	€0.80	€1,600.06
Earthworks Sub-Total				€41,190.38

	Quantify works as per Mainline				
	Earthworks Sub-Total				
	24.4.11.5.11.6.42.7.644.				
Side	e Roads				
	Quantify works as per Mainline				
	Earthworks Sub-Total				
	Earthworks Total to Summary				€41,190.3
F	Pavement				
	inline			647.62	
	Sub-Base (Specify)	m m		€17.63 €7.21	€0.0
	Compaction Roadbase (Specify)	m		€7.21 €30.77	€0.0 €0.0
	Base Course (Specify)	m		€18.18	€0.0
	Wearing Course (Specify)	m		€12.87	€0.0
1.5	Pavement Sub-Total		-	612.67	€0.0
Inte	erchanges				
11100	Quantify works as per Mainline			N/A	
	Pavement Sub-Total			14/71	
Side	e Roads				
	Quantify works as per Mainline			N/A	
	Pavement Sub-Total			N/A	
	Pavement Total to Summary				€0.0
G	Kerbs Footways and Paved Areas				
	Allowance based on project scope and historical costs	3000 su	n	17.63	€52,879.9
	Tarffin Oliver				
Н	Traffic Signs Allowance based on project scope and historical costs	Su	<u> </u>		€3,000.0
	Allowance based on project scope and historical costs	3u			€3,000.0
J	Roadmarkings				
	Allowance based on project scope and historical costs	Su	n		€3,400.0
					35,15315
Κ	Lighting and Electrical				
	Allowance based on project scope and historical costs	su	n	N/A	
L	Landscaping and Environmental				
	Allowance based on project scope and historical costs	su	n		€25,600.0
	Street, and the T				
М	Structures (Including Tunnels to be seperately identified)				
ectio	on 1 A Structures				
	Structure Type A (Standard Concrete)	0 per	m²	3930.1	€0.0
	Structure Type A (Standard Steel)	0 per	-	4936.6	€0.0
	Structures Total to Summary	•			€0.0
NICEE	RT FURTHER STRUCTURES AS NECESSARY - CLEARLY IDENTIFY SIG	NATURE CTRUCTURE	c		
INJEF	THE PROPERTY OF THE PROPERTY O	NATURE STRUCTUR			
N	Accommodation Works				
	Allowance based on project scope and historical costs	su	n		€10,798.6
Р	Statutory Authorities & Utilities				
_	Allowance based on project scope and historical costs	%		10%	€25,860.4
Q	Any Other Obligations and Liabilities of the Contractor				
ų	Any Saler Shingarions and Elabilities of the Contractor				

Allowance based on project scope and historical costs	%	10%	€25,860.44
R Preliminaries			
R.1 Temporary Works including Traffic Management (Specify)	sum		
R.2 All other Preliminary Items	sum		
Preliminaries Total to Summary			€0.00
N.B. Figures are exclusive of VAT except where expressly stated above.			
Figures above are EXCLUSIVE of provision for Inflation - base date to be stated if	different from date of estimate		
Total base costs to include for ALL qualifying costs under each cost heading.			
Refer to the TII Cost Management Manual for information on coverage and format	of back-up.		
See attached Estimate Assumptions Sheet for Further Project Information.			
Land and Property			
Greenway Sustainability Payments	1000 per m	€40.91	€40,910.00
Land Acquisition Payments	8000 per m²	€2.62	€20,998.42
General Disturbance	1 per km	€10,390.00	€10,390.00
Injurious Affection	8000 per m ²	€1.97	€15,748.81
Total Land and Property			€88,047.23

Lev	el 2 Es	stimate Summary Sheet Link to Lilliput					
		Aullingar Greenway Project			OF ESTIMATE		
Phase	2 Option	n Selection	14/01/2025 INSERT BASE DATE FOR RATES Feb-23				
INSER	T NAME	OF TECHNICAL ADVISOR	INSERT NAME O	F ESTIMATOR			
	Mainline	Section Type :	Greenway	Mainline Lengtl	h :		2.90
	Link Roa	ds Section Type :	n/a	Link Roads Ler	ngth:		n/a
1		onstruction Contract (See attached for breakdown	Quantity	Unit	Rate €		Total €
	•	ted to Level 2 detail)		Offic			
	<u> </u>	ite Clearance	2.9	Per km	€1,777.96	€	5,156
	~	encing	2.9	Per km	€64,130.17	€	185,977
		afety Barriers and Pedestrian Guardrails	2.9	Per km	€0.00	€	<u> </u>
		rainage and Service Ducts	2.9	Per km	€55,827.42	€	161,900
	-	arthworks	2.9	Per km	€41,190.38		119,452
	'	avement	2.9	Per km	€0.00	€	-
	9	erbs, Footways and Paved Areas	2.9	Per km	€52,879.91	€	153,352
	•••	raffic Signs	2.9	Per km	€3,000.00	€	8,700
	, ,	oadmarking	2.9	Per km	€3,400.00	€	9,860
		ighting and Electrical	2.9	Per km	€0.00	€	-
	•	andscaping and Environmental	2.9	Per km	€25,600.00	€	74,240
		tructures (Including Tunnels - to be seperately identified)	1	Unit	€125,763.46	€	125,763
		ccommodation Works	2.9	Per km	€10,798.60	€	31,316
	Р	tatutory Authorities & Utilities	2.9	Per km	€38,436.79	€	111,467
	Ч	ther Costs	2.9	Per km	€38,436.79	€	111,467
	'	reliminaries	2.9	Per km	€92,248.29	€	267,520
		ctive Travel Costs	2.9	Per km	€0.00	€	-
		se Cost for Main Construction Contract (Excluding VAT)		17.00		€	1,366,170
		ect Specific Risk Contingency		15.0%		€	204,925
		al exclusive of VAT		10.50/		€	1,571,095
	Add VAT			13.5%		€	212,098
	Total MC	CC Base Cost plus Project Specific Risk Contingency and VAT				€	1,783,193
2	Land ar	nd Property - All-In Costs	Quantity	Unit	Rate €		
	a M	lainline and Link Roads - Agricultural	0.7	Ha.	88047.23	€	61,633
	b M	lainline and Link Roads - Zoned/Other		На.		€	-
	c Ju	unction/Interchanges - Agricultural		На.		€	-
		unction/Interchanges - Zoned		Ha.		€	-
	e Pi	roperties (See attached breakdown)		Item		€	-
	Total Bas	se Cost for Land and Property				€	61,633
	Add Proje	ect Specific Risk Contingency		15.0%		€	9,245
	Total L&F	P Base Cost plus Project Specific Risk Contingency				€	70,878
3	Plannin	g and Design					
	Provision	n to take account of Actual Costs and Contract Amounts where k	nown	8.0%		€	109,294
	Add Proje	ect Specific Risk Contingency		15.0%		€	16,394
	Total P&I	D Base Cost plus Project Specific Risk Contingency				€	125,688
4	Archaed	ology					
		n to take account of Actual Costs and Contract Amounts where k	nown	7.5%		€	102,463
		ect Specific Risk Contingency		15.0%		€	15,369
		chaeology Base Cost plus Project Specific Risk Contingency and	I VAT			€	117,832
5	Advanc	e Works and Other Contracts					·
		n to take account of Actual Costs and Contract Amounts where k	nown	5.0%		€	68,308
		ect Specific Risk Contingency		15.0%		€	10,246
		abling Works and Other Contracts Base Cost plus Project Speci	fic Risk Contingend			€	78,555
6		ontract Supervision (Employer's Costs)		-			
<u> </u>		act eaper ricion (Employer o eoste)					

Lev	rel 2	Estimate Summary Sheet Link to Lilliput				
	-	o Mullingar Greenway Project	14/01/2025	OF ESTIMATE DATE FOR RATES		
	Provis	sion to take account of Actual Costs and Contract Amounts where known	8.0%		€	109,294
	Add F	Project Specific Risk Contingency	15.0%		€	16,394
	Total	MC Supervision (Employer's Costs) Base Cost plus Project Specific Risk Contingen	су		€	125,688
7	Publ	ic Transport Connectivity/Asset Renewal				
	Provi	sion based on percentage of Main Construction Contract Base Cost	0.0%		€	-
	Add F	Project Specific Risk Contingency	15.0%		€	-
	Total	Walking / Cycling / PT Connectivity / Asset Renewal Base Cost plus Project Specific	Risk Contingency		€	-
тот	AL LEV	/EL 2 ESTIMATE INCLUSIVE OF VAT		-	€	2,301,833
		Mainline Length 2.	90 km	Rate per km	€	793,736
		Mainline Length Active Travel Costs (includes 10% L&P costs) Risk Incl n/a		Rate per km % of Total Cost	€	793,736 n/a
	N.B.			% of Total Cost	€	
	N.B.	Active Travel Costs (includes 10% L&P costs) Risk Incl	HERE FOR EACH CO	% of Total Cost	€	
	N.B.	Active Travel Costs (includes 10% L&P costs) Risk Incl Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSERT RATES H	HERE FOR EACH CO	% of Total Cost	€	
	N.B.	Active Travel Costs (includes 10% L&P costs) Risk Incl Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSERT RATES Figures above are EXCLUSIVE of provision for Inflation - base date to be stated if different from	HERE FOR EACH CO	% of Total Cost	€	

Phase 2 INSERT I Main C Summ A Si B Fe C Si D D E Ei F Pi G Ke H Te J R	An to Mullingar Greenway Project Option Selection NAME OF TECHNICAL ADVISOR Construction Cost - Base Cost Estimate Diary Site Clearance Sencing Safety Barriers and Pedestrian Guardrails Orainage and Service Ducts Sarthworks Cavement Cerbs, Footways and Paved Areas	INSERT DATE ESTIMA	OR ESTIMATE	14/01/2025 Feb-23 Michael Conway €1,777.9€ €64,130.17 €0.00 €55,827.42
Main C Summ A Si B Fe C Si D D E Ei F P G Ke H Ti J R	Construction Cost - Base Cost Estimate Pary Site Clearance Sencing Safety Barriers and Pedestrian Guardrails Drainage and Service Ducts Sarthworks Pavement			€1,777.96 €64,130.17 €0.00
Main C Summ A Si B Fe C Si D D E Ei F Pi G Ki H Ti	Construction Cost - Base Cost Estimate nary Site Clearance Sencing Safety Barriers and Pedestrian Guardrails Orainage and Service Ducts Searthworks Pavement	INSERT NAME OF ES	TIMATOR	€1,777.9€ €64,130.17 €0.00
Summ A Si B Fo C Si D D E Ei F Pi G Ko H Ti J R	tite Clearance Sencing Safety Barriers and Pedestrian Guardrails Orainage and Service Ducts Sarthworks Pavement			€64,130.17 €0.00
A Si B Fo C Si D D E Ei F Pi G Ko H Ti	Finite Clearance Fincing Final			€64,130.17 €0.00
B FO C SA D D D E E EA H TH T	Fencing Safety Barriers and Pedestrian Guardrails Orainage and Service Ducts Farthworks Pavement			€64,130.17 €0.00
C Si D D E Ei F Pi G Ki H Ti	Drainage and Service Ducts Earthworks Pavement			€0.00 €55,827.42
D D E Es F Ps G Ks H Ts	Pavement			€55,827.42
E E	Pavement			
F P	Pavement			€41,190.38
G K				, , , , , ,
H T	Cerbs, Footways and Paved Areas			€0.00
J R				€52,879.91
	raffic Signs			€3,000.00
V 1:	Roadmarking			€3,400.00
K LI	ighting and Electrical			€0.00
L La	andscaping and Environmental			€25,600.00
M St	structures (Including Tunnels to be seperately identified)			€125,763.46
N A	Accommodation Works			€10,798.60
p S	Statutory Authorities & Utilities			€38,436.79
Q A	Any Other Obligations and Liabilities of the Contractor			€38,436.79
S A	Active Travel			incl above
Si	ub-Total			€461,241.47
R P	Preliminaries		20%	€92,248.29
N	MCC Base Cost Total excluding Project Specific Risk Contingency			€553,489.76
Α	Add Project Specific Risk Contingency	25	%	€138,372.00
N	MCC Base Cost Total including Project Specific Risk Contingency		_	€691,861.76
A	Add VAT at	13.5	%	€93,401.00
N		nd VAT		€785,262.76

Level 2 Backup Sheet (Link to Lilliput)				
Kilbeggan to Mullingar Greenway Project	INSERT DAT	E ESTIM	ATE ISSUED	14/01/202
Phase 2 Option Selection	INSERT BAS	Feb-2		
NSERT NAME OF TECHNICAL ADVISOR	INSERT NAM	Michael Conway		
Mainline Length			2.9	
MCC Cost per km based on Mainline Length Only	Γ	€2	38,573.02	
	L			
Mainline plus Link Road Length			n/a	
MCC Cost per km based on Mainline plus Link Road Length			n/a	
Schedule of Works	Quantity	Unit	Rate/Prices	
A Site Clearance				
A.1 General Site Clearance	0.8	На	€2,222.45	€1,777.9
A.2 Demolition of Buildings	0	Nr.	€3,605.02	€0.0
Site Clearance Total to Summary				€1,777.9
B Fencing				
B.1 Permanent Boundary Fencing	1500	m	€39.95	€59,924.3
B.2 Temporary Fencing	0	m	€11.52	€0.0
B.3 Mammal Fencing	0	m	€46.83	€0.0
B.4 Other Fencing (e.g. Palisade Security Fencing)	0	m	€70.10	€0.0
B.5 Other Fencing (e.g. Gates)	5	m	€841.17	€4,205.8
Fencing Total to Summary				€64,130.
C Safety Barrier and Pedestrian Guardrails				
C.1 Safety Barrier (Specify Type)	0	m		
C.2 Median Barrier (Specify Type e.g. Concrete or Wire)	0	m		
C.3 Pedestrian Guardrail	0	m		
Safety Barrier and Pedestrian Guardrails Total to Summary				
D Drainage and Service Ducts				
D.1 Drainage - Sealed - Mainline and Link Roads		m	€54.03	
D.2 Drainage - Open - Mainline and Link Roads		m	€45.07	
D.3 Drainage and Service Ducts - Side Roads	1000	m	€50.07	50069.
D.4 Drainage to Junctions/Interchanges (Chambers)	5	m	€1,151.60	5758.
D.5 Outfalls		m	0	
D.6 Attenuation Ponds/Provision		Item	0	
D.7 Service Ducts (Specify Nr. Of Ducts) - Mainline and Link Roads		m	€87.62	
D.8 Service Ducts (Specify Nr. Of Ducts) - Junctions/Interchanges		m	€87.62	
D.9 Service Ducts (Specify Nr. Of Ducts) - Side Roads		m		
Drainage and Service Ducts Total to Summary				€55,827.
E Earthworks				
Mainline & Link Roads				
E.1 Excavation - Topsoil	1500	m3	€4.57	€6,857.
E.2 Excavation - Acceptable	750	m3	€3.77	€2,824.
E.3 Excavation - U1	0	m3	€3.09	€0.
E.4 Excavation - U2	0	m3	€8.31	€0.
E.5 Extra Over Excavation for Hard Material	0	m3	€14.00	€0.
E.6 Processing (Specify source and end use)	0	m3	€1.53	€0.
E.7 Disposal - U1	0	m3	€9.73	€0.
E.8 Disposal - U2	0	m3	€272.13	€0.
E.9 Import (Specify)	1500	m3	€19.12	€28,676.
E.10 Compaction (Specify)	1500	m3	€0.96	€1,441.

Leve	el 2 Backup Sheet (Link to Lilliput)				
	gan to Mullingar Greenway Project	INSERT DATE	E ESTIM	ATE ISSUED	14/01/2025
Phase	2 Option Selection	INSERT RASE	DATE E	OR ESTIMATE	Feb-23
	T NAME OF TECHNICAL ADVISOR	INSERT NAM			Michael Conway
		INSERT IVAIV			,
	Sub-formation and Formation Landscaping (Specify)	600	m2 m3	€0.86 €2.32	€0.00 €1,390.18
	Landscaping (Specify) Landscaping (Specify)	2000	m2	€2.52	€1,590.18 €1,600.06
L.13	Earthworks Sub-Total		1112	€0.80	€1,000.00 €41,190.38
					0.1,130.00
Juno	ctions/Interchanges				
	Quantify works as per Mainline				0
	Earthworks Sub-Total				
C: d.	Dec. de				
	Roads				0
	Quantify works as per Mainline Earthworks Sub-Total				0
	Earthworks Total to Summary				€41,190.38
	,				,
F	Pavement				
	nline			217.22	
	Sub-Base (Specify)		m3	€17.63	€0.00
	Compaction Roadbase (Specify)		m3 m2	€7.21 €30.77	€0.00 €0.00
	Base Course (Specify)		m2	€18.18	€0.00
	Wearing Course (Specify)		m2	€12.87	€0.00
	Pavement Sub-Total				€0.00
	rchanges				
	Quantify works as per Mainline			N/A	
	Pavement Sub-Total				
Side	Roads				
	Quantify works as per Mainline			N/A	
	Pavement Sub-Total			N/A	
	Pavement Total to Summary				€0.00
	Kerbs Footways and Paved Areas	2000		17.60	052.070.04
	Allowance based on project scope and historical costs	3000	sum	17.63	€52,879.91
н	Traffic Signs				
	Allowance based on project scope and historical costs		sum		€3,000.00
					·
	Roadmarkings				
	Allowance based on project scope and historical costs		sum		€3,400.00
	Lighting and Electrical				
	Lighting and Electrical Allowance based on project scope and historical costs		cum	N/A	
	Anowance based on project scope and historical costs		sum	14/73	
L	Landscaping and Environmental				
	Allowance based on project scope and historical costs		sum		€25,600.00
М	Structures (Including Tunnels to be seperately identified)				
C	a 1 A Sharakara				
	n 1 A Structures Structure Type A (Standard Concrete)	22	nor m²	2020.4	£42F 762 4C
IVI.1	Structure Type A (Standard Concrete)	32	per m²	3930.1	€125,763.46

Level 2 Backup Sheet (Link to Lilliput)			
Kilbeggan to Mullingar Greenway Project	INSERT DATE ESTIMAT	TE ISSUED	14/01/2025
Phase 2 Option Selection	INSERT BASE DATE FO	R ESTIMATE	Feb-23
INSERT NAME OF TECHNICAL ADVISOR	INSERT NAME OF ESTI	MATOR	Michael Conway
M.2 Structure Type A (Standard Steel)	0 per m²	4936.6	€0.00
Structures Total to Summary			€125,763.46
INSERT FURTHER STRUCTURES AS NECESSARY - CLEARLY IDENTIFY	SIGNATURE STRUCTURES		
N Accommodation Works			
Allowance based on project scope and historical costs	sum		€10,798.60
P Statutory Authorities & Utilities			
Allowance based on project scope and historical costs	%	10%	€38,436.79
Q Any Other Obligations and Liabilities of the Contractor			
Allowance based on project scope and historical costs	%	10%	€38,436.79
R Preliminaries			
R.1 Temporary Works including Traffic Management (Specify)	sum		
R.2 All other Preliminary Items	sum		
Preliminaries Total to Summary			€0.00
N.B. Figures are exclusive of VAT except where expressly stated above.			
Figures above are EXCLUSIVE of provision for Inflation - base date to be sta	ated if different from date of estimate.		
Total base costs to include for ALL qualifying costs under each cost heading			
Refer to the TII Cost Management Manual for information on coverage and for	ormat of back-up.		
See attached Estimate Assumptions Sheet for Further Project Information.			
Land and Property			
Greenway Sustainability Payments	1000 per m	€40.91	€40,910.00
Land Acquisition Payments	8000 per m ²	€2.62	€20,998.42
General Disturbance	1 per km	€10,390.00	€10,390.00
Injurious Affection	8000 per m²	€1.97	€15,748.81
Total Land and Property			€88,047.23

Option Comparison Estimate C2 - Restricted

					Baseline F	tates
				Including		
EC Material	Lower	Upper	Cost	Inflation	Unit	Rate Obtained From
				3.9%		
Site Clearance			,			
General Site Clearance	€4,094.16	€183.89	€2,139.03	€2,222.45	per HA	TII Schedule of Rates 2023 - 200.1
Demolition of Buildings	€5,782.83	€1,156.57	€3,469.70	€3,605.02	per Item	TII Schedule of Rates 2023 - 200.2
Fencing			,			
Permanent Boundary Fencing	€28.13	€48.77	€38.45	€39.95	per m	TII Schedule of Rates 2023 - 300.1
Temporary Fencing	€8.87	€13.30	€11.09	€11.52	per m	TII Schedule of Rates 2023 - 300.4
Mammal Fencing	€33.99	€56.16	€45.08	€46.83	per m	TII Schedule of Rates 2023 - 300.5
Other Fencing (e.g. Palisade Security Fencing)	€51.40	€83.53	€67.47	€70.10	per m	TII Schedule of Rates 2023 - 300.8
Other Fencing (e.g. Gates)	€693.94	€925.25	€809.60	€841.17	per Item	TII Schedule of Rates 2023 - 300.13
Drainage and Service Ducts						
Drainage - Sealed - Mainline and Link Roads	€32.69	€71.32	€52.01	€54.03	per m	TII Schedule of Rates 2023 -500.1
Drainage - Open - Mainline and Link Roads	€32.69	€71.32	€52.01	€54.03	per m	TII Schedule of Rates 2023 -500.1
Drainage and Service Ducts - Side Roads	€33.73	€62.65	€48.19	€50.07	per m	TII Schedule of Rates 2023 - 500.101
Drainage to Junctions/Interchanges	€385.52	€449.78	€417.65	€433.94	per Item	TII Schedule of Rates 2023 - 2700.30
Filter drains	€31.81	€54.94	€43.38	€45.07	per m	TII Schedule of Rates 2023 - 500.51
Chambers	€771.04	€1,445.71	€1,108.38	€1,151.60	per Item	TII Schedule of Rates 2023 - 500.105
Outfalls			€0.00	€0.00		
Attenuation Ponds/Provision	672.25	505.05	€0.00	€0.00		
Service Ducts (Specify Nr. Of Ducts) - Mainline and Link Roads	€72.29	€96.38	€84.34	€87.62	per Item	TII Schedule of Rates 2023 - 500.115
Service Ducts (Specify Nr. Of Ducts) - Junctions/Interchanges	€72.29	€96.38	€84.34	€87.62		TII Schedule of Rates 2023 - 500.116
2						
Earthworks					2	
Excavation - Topsoil	€0.67	€8.13	€4.40	€4.57	per m ³	TII Schedule of Rates 2023 - 600.1
Excavation - Acceptable	€0.93	€6.32	€3.63	€3.77	per m ³	TII Schedule of Rates 2023 - 600.2
Excavation - U1	€0.93	€5.01	€2.97	€3.09	per m ³	TII Schedule of Rates 2023 - 600.3
Excavation - U2	€1.19	€14.80	€8.00	€8.31	per m ³	TII Schedule of Rates 2023 - 600.4
Extra Over Excavation for Hard Material	€2.78	€24.17	€13.48	€14.00	per m ³	TII Schedule of Rates 2023 - 600.5
Processing (Specify source and end use)	€1.19	€1.76	€1.48	€1.53	per m ³	TII Schedule of Rates 2023 - 600.6
Disposal - U1	€0.51	€18.21	€9.36	€9.73	per m ³	TII Schedule of Rates 2023 - 600.11
Disposal - U2	€200.00	€323.84	€261.92	€272.13	per m ³	TII Schedule of Rates 2023 - 600.12
Import (Specify)	€6.54	€30.26	€18.40	€19.12	per m ³	TII Schedule of Rates 2023 - 600.12 - Imported acceptable material fill in Embankments and other areas of fill
Compaction (Specify)	€0.12	€1.73	€0.93	€0.96	per m ³	TII Schedule of Rates 2023 - 600.14 - Imported acceptable material TII Schedule of Rates 2023 - 600.16 - Compaction of Acceptable material
Sub-formation and Formation	€0.12	€1.73	€0.93	€0.36	per m²	TII Schedule of Rates 2023 - 600.32
	€0.46	€1.00	€2.23	€0.80		
Landscaping (Specify)	€0.46	€4.00	€2.23	€2.32	per m³	TII Schedule of Rates 2023 - 600.26 - Topsoiling 300mm Surfaces sloping at 10 degrees or less to the horizontal
Landscaping (Specify)	€0.19	€1.35	€0.//	€0.80	per m²	TII Schedule of Rates 2023 - 600.28 - Grass seeding Surfaces sloping at 10 degrees or less to the horizontal
Pavement						
						Til Schedule of Rates 2023 - 1100.16 - Footpath (Cycleway) surfacing, binder, 50mm thick, AC20 dense bin 40/60 DES, Surface course,
Sub-Base (Specify)	€11.31	€22.62	€16.97	€17.63	per m²	35mm thick, SMA 10 SURF PBM 65/105-60 DES, surfacing sloping at 100 to the horizontal
Sub-pase (Specify)					perm	TII Schedule of Rates 2023 - 600.55 - Imported acceptable material fill Class 6F2 , Fill on capping, sub-base material and
Sub-Base (Specify)	€14.80	€29.61	€22.21	€23.07	per m ³	roadbase
Sub base (Specify)	€0.93	€12.95	€6.94	€7.21	per m ³	TII Schedule of Rates 2023 - 600.61 - Compaction of Acceptable material in Fill on capping, sub-base material and roadbase
					porm	111 Sanctude of nates 2023 - Compaction of Acceptable material in Fill of Capping, 300-032 indefind full fodubase
Roadbase (Specify)	€21.20	€38.03	€29.62	€30.77	per m²	TII Schedule of Rates 2023 - 700.1 - Sub-base, Granular Type B to Clause 804, 150mm thick in carriageway, hardshoulder and hardstrip
					P = 1 111	TII Schedule of Rates 2023 - 700.9 - Pavement, Binder Course, AC 20 Dense bin 70/100 des; 80mm thick in carriageway, hardshoulder
Base Course (Specify)	€12.83	€22.16	€17.50	€18.18	per m²	and hardstrip
					F	TII Schedule of Rates 2023 - 700.12 - Pavement, Surface Course, SMA 10 surf PMB 65/105-60 des; 40mm thick in carriageway,
Wearing Course (Specify)	€7.96	€16.81	€12.39	€12.87	per m²	hardshoulder and hard strip
,, <i>,</i>						
General						
Preliminaries				20%	%	Assumed Percentage
Accomodation Works				€10,798.60	per km	Rate based on 20% of Prorata from Corduff (3.7km road realignment) €53,993/km
Traffic Signs				€3,000.00	per km	Rate based on 20% of Prorata from Corduff (3.7km road realignment) €15,000/km
Road Markings				€3,400.00	per km	Rate based on 20% of Prorata from Corduff (3.7km road realignment) €17,000/km
Landscaping & Environmental				€25,600.00	per km	Rate based on 20% of Prorata from Corduff (3.7km road realignment) €128,000/km
					%	
Statutory Authorities & Utilities				10%	70	Assumed Percentage

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