



CYNGOR SIR
YNYS MÔN
ISLE OF ANGLESEY
COUNTY COUNCIL

HIGHWAY MAINTENANCE TERM SERVICE CONTRACT

2017-2023

Street Lighting Assets

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Pennaeth Gwasanaeth - Priffyrdd, Gwastraff ac Eiddo
Head of Service - Highways, Waste and Property
CYNGOR SIR YNYS MÔN
ISLE OF ANGLESEY COUNTY COUNCIL
Swyddfa'r Sir
LLANGEFNI
Ynys Môn - Anglesey
LL77 7TW

Primary Factory

Eligible Units Only

Using the Installed Date

Column Material	Age in years	5m	6m	8m	10m	12m	Over 12	Unknown	Total
Aluminium	0-20	8	0	0	0	0	0	0	8
	31-40	2	0	1	0	0	0	0	3
Castiron	0-20	1	11	0	0	0	0	0	12
	21-30	16	0	0	0	0	0	0	16
	31-40	11	0	0	0	0	0	0	11
Pole Brkt.	0-20	14	836	35	0	0	0	0	885
	21-30	4	532	65	0	0	0	0	601
Stainless	0-20	13	0	0	0	0	0	0	13
Steel	0-20	2,081	2,471	577	710	11	3	0	5853
	21-30	413	497	78	156	0	0	0	1144
	31-40	329	207	264	105	0	0	0	905
Unknown	0-20	1	0	3	0	0	0	19	23
	21-30	0	2	0	0	0	0	7	9
	31-40	0	0	2	0	0	0	3	5
Wall Brkt.	0-20	12	0	1	0	0	0	0	13
	21-30	0	0	1	0	0	0	0	1
	31-40	3	0	0	0	0	0	0	3
Wall Pktt	0-20	3	0	0	0	0	0	0	3
	21-30	1	0	16	0	0	0	0	17
	31-40	3	0	3	0	0	0	0	6
Total		2,915	4,556	1,046	971	11	3	29	9,531

Column Type Profile

Eligible Units Only

<u>COLUMN MATERIAL</u>	<u>TOTAL</u>
Aluminium	150
Castiron	39
Plastic	302
Pole Brkt.	1,486
Stainless	19
Steel	9,569
Unknown	48
Wall Brkt.	17
Wall Pktt	26
<u>TOTAL</u>	<u>11,656</u>

Unit Type Analysis

<u>UNIT TYPE DESCRIPTION</u>	<u>TOTAL</u>
Amenity Lights (A)	32
Bollard (B)	187
School Flashers (F)	22
Lamp (L)	9531
Ticket Machine (M)	36
Pillar (P)	796
Sign (S)	931
Traffic Signals (T)	82
Weather Station (W)	3
Belisha Beacon (Z)	36
<u>GRAND TOTAL</u>	<u>11,656</u>

Lighting Control

Eligible Units Only

<u>CONTROL</u>	<u>TOTAL</u>
24 Hours	198
Dusk – Midnight	36
Dusk – Dawn	4
Flasher unit Belisha Be	36
Group Control	140
Magnetic switch for L	22
P12 Electronic Cell	143
P5 Type Electronic Cell	2,453
P5 Type Thermal Cell	2
Ticket Machine Seasor	6
Zodion Lowlight Photo	1,091
Zodion SS12 35/18 Photo	483
Zodion SS12 55/28 Photo	923
Zodion SS12 Dimming	701
Zodion SS19 Part Ni	104
Zodion SS20 35/18 Photo	794
Zodion SS3 Dimming	1,650
Zodion SS9 Part Night	88
<u>TOTAL</u>	<u>11,106</u>

Bracket Code Analysis

Bracket	Description	Projection	Manufacturer	Quantity
		0.00		8,925
		0.25		8
		0.30		34
		0.50		132
		1.00		192
BEI-0.3	B.E.I. 0.3m Outreach Bracket.	0.30	B.E.I. Ltd.	11
BEI-0.5	B.E.I. 0.5m Outreach Bracket.	0.50	B.E.I. Ltd.	47
BEI-1.0	B.E.I. 1m Outreach Bracket.	1.00	B.E.I. Ltd.	36
BS-0.3	British Steel 0.3m Outreach Bk	0.30	British Steel Ltd.	12
BS-0.5	British Steel 0.5m Outreach Bk	0.50	British Steel Ltd.	1
CB-AC-0.25	A.C. Ford Corner Bracket 0.25.	0.25	A.C. Ford.	8
CO-0.3	Corus 0.3m Outreach Bracket.	0.30	Corus Ltd.	7
CU-0.5	C.U. Phosco 0.5m Outreach Bkt.	0.50	C.U. Phosco Ltd.	4
CU-1.0	C.U. Phosco 1m outreach Bracket	1.00	C. U. Phosco Ltd.	96
CU-1.5	C.U. Phosco 1.5m Outreach Bkt.	1.50	C.U. Phosco Ltd.	2
CU-IN	C.U. Phosco Integral Bracket.	0.25	C.U. Phosco.	178
DB-UK	Decorative Bracket Unknown.	0.00	Unknown.	26
DI-0.7	Disano 0.7m Bracket.	0.70	Disano Ltd.	11
DW-RO	D.W. Windsor Roco bracket.	0.90	D.W. Windsor.	30
EX	Extension Post 1m Height.	0.00		15
FA-0.3	Fabrikat 0.3m Outreach Bracket	0.30	Fabrikat Ltd.	1
FA-1.0	Fabrikat 1.0m Outreach Bracket	1.00	Fabrikat Ltd.	3
HO-TA	Holophane Twin Arm Bracket.	1.00	HOLOPHANE.	2
HO-WP	Holophane Wall Packette.	0.00	Holophane Ltd.	13
MA-0.25	Malatite 0.25m Outreach Bkt.	0.25	Malatite Ltd.	17
MA-0.5	Malatite 0.5m Outreach Bracket	0.50	Malatite Ltd.	20
MA-1.5	Malatite 1.5m Outreach Bracket	1.50	Malatite Ltd.	5
PB-AC-0.5	Pole Bracket 0.5m Outreach.	0.50	A.C. Ford.	1,288
PB-AC-1.0	Pole Bracket 1.0m Outreach.	1.00	A.C. Ford.	208
PC-1.5	Post & Column 1.5m Bracket.	1.50	Post & Column Ltd.	1
PD-0.3	Pudsey Diamond 0.3m Bracket.	0.30	Pudsey Diamond Ltd.	8
PD-0.5	Pudsey Diamond 0.5m Bracket.	0.50	Pudsey Diamond Ltd.	5
ST-0.3	Stainton 0.3m Outreach Bracket	0.30	Stainton Ltd.	257
ST-0.5	Stainton 0.5m Outreach Bracket	0.50	Stainton Ltd.	59
ST-1.0	Stainton 1m Outreach bracket.	1.00	Stainton Ltd.	142
ST-1.5	Stainton 1.5m Outreach Bracket	1.50		6
ST-IN	Stainton Integral Bracket.	0.25	Stainton.	2
ST-TA	Stainton Twin Arm Bracket.	0.30	Stainton Ltd.	1
ST-UK	Stirrup Bracket unknown Manuf.	0.00	Unknown.	17
SW	Swan Neck Bracket.	0.00	JW(UK) LTD.	3
TA-UK	Twin Arm bracket unknown.	0.00	Unknown.	10
TH-1	Thorn 1m Outreach bracket.	1.00	Thorn Ltd.	8
TX		1.00		2
UR-CA	Urbis Cascade Bracket.	1.25	Urbis.	48
WB-AC-0.5	A.C.Ford Wall Bracket 0.5m.	0.50	A.C. Ford.	5
WB-UK-0.5	Wall Bracket 0.5m Outreach.	0.50		22
WB-UK0.5CI	Wall Bracket Cast iron 0.5m.	0.50		8
WP-UK	Wall Packette unknown Manuf.	0.00		1

Lantern Code Analysis

Lantern Code	Lantern Description	Entry	Bowl	Manufacturer	Quantity
					22
AQ-SS	Aquila Polo 400 Sealsafe Ltn.	Side Entry	Curved Glass.	Aquila Ltd.	11
B/B	Belisha Beacon Crossing.	Base Entry			6
B/BZ	Belisha Beacon Zebrite.				30
DI-ME	Disano Metropolis Lantern.	Side Entry	Flat Glass.	Disano Ltd.	11
DW400	D.W. Windsor DW400 Lantern.	Side Entry		D.W.Windsor Ltd.	12
DW-ELY	D.W.Windsor Ely Lantern.	Top Entry	Teardrop.	D.W.Windsor Ltd.	2
DW-NP	D.W.Windsor Newport Lantern.	Post Top			11
DW-PT-UK	D.W.Windsor Post Top Lantern.	Post Top		D.W.Windsor Ltd.	41
DW-ST	D.W. Windsor Stratum Lantern.	Side Entry	Shallow Bowl.	D.W. Windsor.	30
DW-UK	D.W.Windsor Unknown Lantern.	Top Entry			21
GE-MRL6	G.E.C. MRL 6 Lantern.	Universal	Flat Glass.	G.E.C. Whitecroft.	6
GE-MRL6E	G.E.C.MRL 6 Electronic Lantern	Universal	Flat Glass.	G.E.C. Whitecroft.	1
GE-PT-UK	G.E.C. Post Top Lantern.	Post Top		G.E.C. Whitcroft Ltd	21
GE-UK	G.E.C. Lantern Unknown model.	Side Entry		G.E.C. Whitecroft.	265
GE-WP-UK	G.E.C. Wall Pakette Lantern.	Base Entry		G.E.C. Whitcroft Ltd	1
HO-ASH	Holophane Ashbourne Lantern.	Top Entry	Tear drop.	Holophane Ltd.	3
HO-DOR	Holophane Dorchester Lantern.	Universal			28
HO-PK	Holophane Pakette.600	Universal		Holophane Ltd	6
HO-QSS	Holophane QSS Elect Lantern.	Universal	Flat Glass.	Holophane Ltd.	38
HO-VMAX	Holophane V MAX Lantern.	Universal			159
HO-WP-2000	Holophane Module 600 Pakette.	Universal	Flat Glass.	Holophane Ltd.	26
IN-PA	Industria Pathfinder Lantern.	Side Entry		Industria Ltd.	11
JW-IF	JW Ltd Ifley Lantern.	Top Entry	Sugarbowl.	JW(UK) Ltd.	3
MI-MPC-PEL	Microsense MPC Pelican.			Microsense Ltd.	1
MI-SENT	Microsense Sentinal Crossing.			Microsense Ltd.	4
OR-AR	Orangetek Arialed Lantern.	Universal			4
OR-TE	Orangetek Terraled Lantern.	Universal			1,239
PH-DES	Philips Decoscene Lantern.	Base Entry	Flat Glass.	Philips Lighting Ltd	5
PH-IR	Philips Iridium Lantern.	Universal	Semi curved.	Philips Lighting Ltd	781
PH-IRE	Philips Iridium Electronic Ltn	Universal	Semi Curved.	Philips Lighting Ltd	249
PH-IREL	Philips Iridium Electronic.	Universal	Flat Glass.	Philips Lighting Ltd	3
PH-IRM	Philips Mini Iridium Lantern.	Universal	Flat Glass.	PHILIPS.	51
PH-IRR	Phillips Iridium Retro Ltn.	Universal		PHILIPS.	27
PH-IRS	Phillips Iridium SGS 253 ELant	Universal	Semi Curved.	Philips Lighting Ltd	324
PH-ME	Philips M.E. Lanterns.	Universal		Philips Lighting Ltd	5
PH-UK	Philips Lantern Unknown Model	Side Entry		Philips Lighting Ltd	112

Lan:tern Code	Lantern Description	Entry	Bowl	Manufactuer	Quantity
PL-110-PEL	Plessey 110 Pelican Crossing.			Plessey Ltd.	1
PS-PT-UK	Phosco Post Top Lantern.	Post Top		C.U. Phosco Ltd.	7
PS-UK	Phosco Unknown Lantern	Side Entry		C.U. Phosco Ltd.	4
RE-UK	Revo Lantern Unknown Model.	Side Entry		Revo Ltd.	5
RL-UK	Relite lantern Unknown model.	Side Entry		Relite Ltd.	1
S1-700-PUF	Siemens 700 Puffin Crossing.			Siemens Ltd.	13
S1-700-TOU	Siemens 700 Toucan Crossing.			Siemens Ltd.	3
S1-AT7-PEL	Siemens AT700 Pelican Crossing			Siemens Ltd.	3
S1-ST750-P	Siemens ST750ELV Puffin.			Siemens Ltd.	36
S1-ST75-TO	Siemens ST750ELV Toucan.			Siemens Ltd.	4
S1-ST7-PUF	Siemens ST700 Puffin Crossing.			Siemens Ltd.	8
S1-ST7-TOU	Siemens ST700 Toucan Crossing.			Siemens Ltd.	3
S1-ST9	Siemens ST900 Signals/Puffin.			Siemens Ltd.	7
S1-ST9-ELV	Siemens ST900 ELV Crossing.			Siemens Ltd.	3
SEPH					3
SESX					6
SETH					4
SG-BOL	Signature Keep Left Bollard.	Base Entry		Signature Ltd.	19
SG-BO-PL	Signature Plain Aspect Bollard	Base Entry		Signature Ltd.	17
SG-RE	Signature Retro Fit Led.				56
SG-TYA	Signature Type 'A' Lantern.	Universal		Signature Ltd.	5
SI-BOL	Simmonsins Keep Left Bollard.	Base Entry		Simmonsins Ltd.	47
SI-BOLP	Simmonsins Base Lit Bollard.	Base Entry		Simmonsins Ltd.	16
SIE-UK	Siemens Lantern Unknown model.	Side Entry		Siemens Ltd.	8
SI-EX	Signature Exlite Delta Lantern	Base Entry	Flat glass.	Signature Ltd.	920
SI-KL	Signature Keep Left Int.	Post Top			1
SI-RE	Siimmonsins Retro Fit Led.			SIMMON SIGNS.	50
SI-SCH	Simmonsins School Flashers.	Universal		Simmonsins Ltd.	24
SI-WE	Simmonsins Weebol Bollard.	Base Entry			2
SU-AR	Sugg Arbury Lantern.	Base Entry			7
SU-BO	Sugg 1.2m Bollard.	Post Top			15
SU-TE	Sugg Top Entry Lantern.	Top Entry	Teardrop.	Sugg Lighting Ltd.	31
SX-SE-UK	Simplex Side Entry Lantern.	Side Entry		Simplex.	11
TH-B2	Thorn Beta 2 Lantern.	Side Entry		Thorn Lighting Ltd.	826
TH-B2H	Thorn Beta 2 High Frequency.	Side Entry		Thorn Lighting Ltd.	2
TH-B2R	Thorn Beta 2 Led Retro Fitting	Side Entry		THORN	346
TH-B5	Thorn Beta 5 Lantern.	Side Entry		Thorn Lighting Ltd.	1,106
TH-B5R	Thorn Beta 5 Led Retro Fitting	Side Entry		THORN	337
TH-CI	Thorn Civic Lantern.	Universal	Flat Glass.	Thorn Ltd.	8

Lantern Code	Lantern Description	Entry	Bowl	Manufacturer	Quantity
TH-FL	Thorn Floodlight.	Universal		Thorn Lighting Ltd.	10
TH-IS	Thorn Isaro Lantern.			THORN	58
TH-PT-UK	Thorn Post Top Lantern.	Post Top		Thorn Lighting Ltd.	2
TH-RIGA	Thorn Riga Lantern.	Side Entry	Shallow.	Thorn Lighting Ltd.	56
TH-UK	Thorn lantern Unknown model.	Side Entry		Thorn Lighting Ltd.	70
TM	Ticket machine.	Base Entry			36
TYPE A					6
UK-TYB		Universal		Unknown.	1
UR-ALBL	Urbis Albany Large Lantern.	Top Entry	Teardrop.	Urbis Lighting Ltd.	24
UR-AX	Urbis Axia Lantern.	Side Entry	5079 Optic.		322
UR-CA	Urbis Carlton Lantern.	Top Entry	Teardrop.	Urbis Ltd.	6
UR-EV2	Urbis Evolve 2 Lantern.	Universal	Semi Curved.	Urbis Ltd.	240
UR-SA	Urbis Sapphire 1 Elec Lantern	Universal	Semi Curved.	URBIS.	9
UR-SAZ	Urbis Sapphire Electronic Ltn.	Universal	Flat Glass.	URBIS.	4
UR-TERRA	Urbis Terra Uplighter.	Base Entry		Urbis Lighting Ltd.	3
UR-UK	Urbis lantern Unknown model.	Side Entry		Urbis Lighting Ltd.	261
UR-ZX1E	Urbis ZX1 Electronic Lantern.	Side Entry	Flat Glass.	URBIS.	2
UR-ZX2	Urbis ZX2 Lantern.	Side Entry	Shallow.	Urbis Lighting Ltd.	223
UR-ZX2E	Urbis ZX2 Electronic Lantern.	Universal	Shallow.	Urbis Ltd.	341
UR-ZX3	Urbis ZX3 Lantern.	Side Entry		Urbis Lighting Ltd.	11
WH-MRL	Whitecroft MRL Lantern.	Side Entry		G.E.C. Whitecroft.	1
WH-PT-2000	W.R.T.L. Post Top 2000.	Post Top		W.R.T.L. Ltd.	21
WR-ARC	W.R.T.L. Arc Lantern.	Universal		W.R.T.L. Ltd.	21
WR-ARCE	W.R.T.L. Arc Electronic Ltn.	Universal	Shallow Bowl.	W.R.T.L. Ltd.	786
WR-ARCR	W.R.T.L. Arc Retro Lantern.	Universal			19
WR-DELTA	W.R.T.L. Delta Lantern.	Universal		W.R.T.L. Ltd.	483
WR-DELTAE	W.R.T.L. Delta Electronic Ltn.	Universal		W.R.T.L. Ltd.	499
WR-DELTAR	W.R.T.L. Delta Retro Lantern.	Universal			48
WR-STELA	W.R.T.L. Stela Electronic Ltn.	Universal			10
WR-STELR	W.R.T.L. Stela Elect Round Ltn	Post Top			3

Energy Profile

Eligible Units Only

Lamp Code	Lamp Wattage	Number of Lamps
100w CDOT White Light.	100	33
100w H.P.S. Elect Dimming Lamp	100	13
100w H.P.S. Electronic Lamp.	100	173
100w H.P.S. Lamp.	100	23
140w Cosmopolis Dimming Lamp.	140	54
150w C.D.M. Lamp.	150	12
150w CDOT White Light.	150	100
150w H.P.S. Elect Dimmed Lamp.	150	45
150w H.P.S. Electronic Lamp.	150	162
150w H.P.S. Lamp.	150	333
250w H.P.S. Lamp.	250	16
250w HPS Electronic Lamp.	250	1
35w C.D.M. Lamp.	35	62
35w Sox Lamp.	35	11
35w Sox Low Loss Lamp.	35	1,117
36w P.L.T. Lamp.	36	2
40w Wait Push Button Dimmed.	40	4
42w P.L.T. Lamp.	42	135
45w Cosmo Dimming Lamp.	45	43
45w Cosmopolis Lamp.	45	24
50w CDOT White Light.	50	247
50w H.P.S. Elect Dimmed Lamp.	50	6
50w H.P.S. Electronic Lamp.	50	511
50w H.P.S. Lamp.	50	586
50w T/H Single Aspect Dimmed.	50	2
50w T/Halogen Ped Head Dimmed.	50	2
50w T/Halogen Traffic Head Dim	50	12
55w Sox High Frequency Lamp.	55	2
55w Sox Lamp.	55	7
55w Sox Low Loss Lamp.	55	853
60w Cosmopolis Dimming Lamp.	60	219
60w Cosmopolis.	60	23
70w C.D.M. Lamp.	70	25
70w CDOT White Light.	70	149
70w H.P.S. Elect Dimmed Lamp.	70	199

		Number of Lamps
70w H.P.S. Electronic Lamp.	70	259
70w H.P.S. Lamp.	70	541
90w Cosmopolis Dimming Lamp.	90	795
Controller for Traffic Signals	67	1
Demand/Indicator Combined.	41	18
H.P.I. 250w Lamp.	250	2
Helios ELV/LED Signal Head.	15	93
Kerbside Ped AGD 640 Detector.	3	44
Kerbside Pedestrian Detector.	4	6
L.E.D. Demand Units.	9	39
L.E.D. Indicator Units.	13	32
L.E.D. School Flashers.	8	44
L.E.D's 11.	11	6
L.E.D's 12 Harvard Gear.	19	348
L.E.D's 12.	12	187
L.E.D's 15 Zebrite.	17	30
L.E.D's 16.	16	241
L.E.D's 18 Harvard Gear.	18	95
L.E.D's 18.	18	94
L.E.D's 24.	26	128
L.E.D's 28.	28	149
L.E.D's 30.	30	688
L.E.D's 32.	32	107
L.E.D's 36.	36	10
L.E.D's 40 Dimming.	40	51
L.E.D's 5.	5	914
L.E.D's 9 Harvard Gear.	10	335
LED12 LANTERN	12	142
LED24 LANTERN	25	354
LED40 LANTERN	74	4
M.C.F.U. 20w Lamp.	20	11
M.C.F.U. 49w Lamp.	49	80
Microsense MPC Pelican.	41	1
On Crossing AGD 226 Detector.	2	44
On Crossing Detector.	7	4
Siemens ST700 Control Gear.	17	8
Siemens ST750ELV Control Gear.	22	13
Siemens ST900 Control Gear.	67	1

		Number of Lamps
Ticket Machine Accent.	80	26
Ticket Machine Autoslot.	100	3
Ticket Machine Seasonal.	100	6
Unknown	0	0
V2 Led's.	53	26
V3 Led's.	79	133
Vehicle Demand AGD 206 Det.	2	46
Vehicle Demand Detector.	7	4
Total		11,369