Approved Material Suppliers for LV, MV, 38kV, 110kV, 220kV, 400kV and Associated Works

Supplier and Purchaser Responsibilities
Note:
Suppliers must ensure ongoing compliance with the latest ESB Specifications. ESB may amend or revoke approval status at its sole discretion.
Disclaimer:
Suppliers and purchasers are solely responsible for verifying that products meet current ESB Specifications. ESB accepts no liability for non-compliance. Failure to comply may result in rejection and/or loss of approval.

Last Updated November 2026, Rev 22

DOC-200815-CAP

Always check **www.esbnetworks.ie** for latest updates

1. Approved VC1, VC2 & VC3 Vault Covers

(Brick or Paving filled Vault Covers will <u>not</u> be accepted by ESB Networks on any part of its system)

	Company	Contact Details	Notes
1.	East Jordan Roscrea Road, Birr, Co Offaly, Ireland	Daithi Regan Phone: 057 91 23100 Mobile: 087 66 79566 Fax: 057 91 20954 Email: daithi.regan@ejco.com	Marked with "EJ"
2.	Proflo Ltd Brennan's Yard College Lands Rathcoole Co. Dublin	Eamon Kavanagh Phone: 01 2570388 Mobile: 087 1210071 Fax: 01 2570398 Email: sales@proflo.ie	Marked with "WREKIN"

2. Approved Concrete pre-cast Minipillar Vaults

	Company	Contact Details	Photograph/Notes
1.	Creative Concrete Ltd Ballinamere, Tullamore, Co Offaly	Phone +353 57 93 55808 Fax + 353 57 93 55558 Email : info@creativeconcrete.ie Website www.creativeconcrete.ie	Creative Concrete name moulded on inside, under Minipillar. 
2.	Killeshal Precast Concrete Ltd Daingean, County Offaly Republic of Ireland	Phone: +353 57 9353018 Website: www.killeshal.com Email: sales@killeshal.com	Name is cast in the concrete under the Minipillar. 
3.	Greaney Concrete Products Ltd Stokesfield Shanagolden Co. Limerick	Phone: (069) 65388 Email: info@greaneyconcrete.ie Website: www.greaneyconcrete.ie	
4	Kilkenny Pre-Cast, Hebron Rd, Kilkenny, Co. Kilkenny	Phone: (056) 7721013 Andrew Dooley Mobile: 087-2500909 E:kilkennyprecastconcrete@gmail.com W: kilkennyprecast.ie	
5	Murphy Pre Cast Old Dublin Road, Kilcannon, Enniscorthy, Co Wexford.	Phone: (053) 9236348 Email: info@murphyprecast.ie Website: www.murphyprecast.ie	

3. Approved precast link box chamber, C2 chamber and transition chamber

	Company	Contact Details	Photograph/Notes
1.	Banagher Precast Concrete Ltd, Banagher, Co. Offaly	Tel: 0579151417 Email:info@bancrete.com	
2.	Greaney Concrete Products Ltd Stokesfield Shanagolden Co. Limerick	Tel No: 069 65388 Fax No: 069 65449 Email: info@greaneyconcrete.ie Website: www.greaneyconcrete.ie	

4. Approved link box chamber and C2 chamber covers

	Company	Contact Details	Notes
1.	East Jordan Roscrea Road, Birr, Co Offaly, Ireland	Daithi Regan Phone: +353 (0)57 91 23100 Mobile: +353 (0)87 66 79566 Fax: +353 (0)57 91 20954 Email: daithi.regan@ejco.com	Marked with EJ.

5. Approved Precast Joint Bays

400kV, 220 kV, 110kV, 38kV and MV Joint Bay	Banagher Precast Concrete Ltd, Banagher, Co. Offaly	Tel: 0579151417 Email: info@bancrete.com
	Greaney Concrete Products Ltd Stokesfield Shanagolden Co. Limerick	Tel No: 069 65388 Fax No: 069 65449 Email: info@agconcrete.com Website: www.greaneyconcrete.ie
38kV Joint Bay	Murphy Pre Cast Old Dublin Road, Kilcannon, Enniscorthy, Co Wexford.	Phone: (053) 9236348 Email: info@murphyprecast.ie Website: www.murphyprecast.ie

6. Approved Plastic pre-formed Minipillar vaults

	Company	Contact Details	Photograph/Notes
1.	CUBIS SYSTEMS	Tel: 0906628096 Email: bhughes@cubis-systems.com Website: www.cubis-systems.com	CUBIS name sprayed on each section of vault 
2.	Radius Systems Scarva Road Ind. Estate Banbridge, Co Down BT32 3QD	Tel: +442838446060 Email: info@radius-systems.com Sandra Davoust McCann Phone: +44(0)2838 44 6040 Mobile: +44 (0) 7850 207253 Alistair Dodds Phone: +44 (0) 2838 446046 Beate Burgess Phone: +44 (0) 2838 446034 Jennifer Baldam Phone: +44 (0) 2838 446061	

7. Approved Thermal Sand

Below is a list of current approved sand suppliers. New suppliers are regularly approved and added to the list. We are keen to add new suppliers in more areas. To become an approved supplier the thermal sand must meet 3 main criteria:

1. It shall have no sharp stones or flints (may damage the cable sheath during compaction).
2. At least 95% shall pass a 4 mm sieve and 100% shall pass a 8 mm sieve.
3. The fully dried sample @ 0% moisture shall have a maximum thermal resistivity of 2.7 K.m/W. This test must be completed by the **thermal needle probe method as outlined in ASTM D5334**. The thermal resistivity @ 2% moisture shall also be recorded.
4. The thermal resistivity at 2% moisture content, assuming that the sand passes all of the above criteria, is a key measurement which ESBN will use to determine the best overall sand for a project. This is because, the lower the thermal resistivity of a particular sand at 2% moisture, the lower the risk of sand dry out and cable overheating on heavily loaded circuits especially during long dry spells of weather.

Suppliers who can demonstrate that they can meet these criteria can contact ESB Networks Assets UG Section for assessment and approval.

ESB Networks Currently Approved Suppliers List for Thermal Sand:

	Company	Contact Details	For Duct Surround	For Cable Surround
1.	Quirkes, **Killorglin quarry only.**	Email: info@quirkequarries.com Phone: 066 9761558	Approved	Approved
2.	Drimoleague Concrete, **Quarry near Macroom only,** Macroom, Co. Cork	Email: info@dwcl.ie Phone: 028 31209	Approved	Approved
3.	Finbarr O'Neill Ltd, Ovens, Co. Cork Clashanure Ovens Quarry Dripsey Quarry	Email :reception@finbarroneill.ie Phone: 086 2522529	Approved	Approved
4	Keohanes, **Oresized quarry only,** Inishannon, Co. Cork	Mobile: 086 8593804 Phone: 021 4775599	Approved	Approved
5.	Gillespies Quarries, Crogheravaddy, Letterkenny, Co. Donegal	Email :info@gillespiequarries.ie Phone: 086 0585789	Approved	Approved
6.	Kilcarrig quarries, Fiddancoyle pit and Bigstone pit, Baltinglass, Co. Wicklow	Email: sales@kilcarrigquarries.ie Phone: 059 9721617	Approved	Approved
7.	Harry Tobin Sand & Gravel Garden Hill, Castleconnell, Co. Limerick	Phone: 061 377466	Approved	Approved
8.	Ladysbridge aggregates, Ladysbridge, Co. Cork	Email: sales@ladysbridge.ie Phone:021 4219809	Approved	Approved
9.	Anthony Darcy Sand, Pit at Blackwater, Co. Wicklow.	Email: info@darcysands.ie Phone: 0402 38261	Approved	Approved
10.	Finnegans Sand Tuam, Pits at Tuam and Ballyhaunis, Galway, Mayo.	Phone: 093 28400	Approved	Approved
11.	Nally's Sand and Gravel, Clonfanlough, Ballinahowen, Co. Westmeath	Email: dermot@nallystone.ie Mobile: 087 2027127 Phone: 0906 430541	Approved	Approved
12.	Gerard Naughton and Sons limited, Coolbane, Killorglin, Co. Kerry	Email: gerardnaughton@yahoo.ie Phone: 087 2214224	Approved	Approved
13.	Hudson Brothers Limited, New Paddocks, Blessington, Co. Wicklow	Email: declan@hudsonbrothers.ie Mobile: Declan Murphy 087 699 0807 Phone: 045 865 880	Approved	Approved
14.	Walsh Quarries Ltd, Ardristan, Tullow, Co. Carlow	Email: jbarcoe@dwce.ie Phone: Joe Barcoe 059 91 44448	Approved	Approved

	Company	Contact Details	Duct Surround	Cable Surround
15.	Breedon Materials Ltd. Milebush Midleton, Co. Cork Bweeng, Mallow, Co. Cork Coolrain, Co. Laois Lobinstown Co. Meath Castlepollard Quarry Co. Westmeath Aughnacliffe Quarry Co. Longford	Email: fthom@breedongroup.com Mobile: Fraser Thom 086 1725612 Info: www.breedongroup.com Phone: 021 4883123 (Milebush quarry orders) Phone: 021 7333051 (Bweeng quarry orders) Phone: 057 8735071 (Coolrain quarry orders) Phone: 046 9053694 (Lobinstown quarry orders) Phone: 044 9662379 (Castlepollard quarry orders) Phone: 043 6684288 (Aughnacliffe quarry orders)	Approved	Approved
16.	MC Group, Keim Quarry, Carrigacooleen, Millstreet, Co. Cork P51 DX29	Email: info@mcgroup.ie Phone: 064 6631307	Approved	Approved
17.	Wholesale Suppliers Ltd Coolbawn, Castlecomer, Co Kilkenny R95HV1F	Email: wsl@eircom.net Mobile: Harrold 087 2626489, Errol 087 2626488 Phone:056 4441216	Approved	Approved
18.	Ashford Sand and Gravel Ltd. Rossanna Lower Rathnew, Co Wicklow A67V998	Email: ashfordsandandgravel@yahoo.com Mobile: Andrew 086 8337267, Phone: 0404 42830	Approved	Approved
19.	Seamus Ryan Sand & Gravel Ltd. Ballybeg Toomevara Nenagh Co. Tipperary E54 R854	Email: info@srgravel.com Phone: Seamus 087-2479397, Michael 087-7443462	Approved	Approved
20.	Barrett s Quarry Ltd Bangor Erris Ballina Co Mayo F26 F44W	Email: barrettsquarry@gmail.com Mobile: Damien Cuffe 087 3356582 Phone: 097 83890	Approved	Approved
21.	Ballyfeeney Rock Kilglass, Strokestown, Co Roscommon F42 K264	Email: tommy@ballyfeeneyrock.ie Mobile: Tommy Ward 086 8298844	Approved	Approved
22.	Tullagower Quarry Kilrush Co Clare	Email: tullagowerquarry@gmail.com Mobile: Stephen Whelan 087 7919289 Phone: 065 905 1575	Approved	Not Approved
23.	HPH Watergrass hill Quarry Co. Cork	Email : info@hph.ie Mobile: Michael Harrington 087 2622658 Phone: 027 70888	Approved	Approved
24.	Kilbride Sand & Gravel Ltd Clonbur, Co. Galway F12YA70	Email : info@ksgconstruction.com Mobile : 087 6183998 Phone: 094 9546262	Approved	Approved

	Company	Contact Details	Duct Surround	Cable Surround
25.	Roadstone Gooig Castleconnell Co. Limerick	Email: jphillips@roadstone.ie Mobile: 087-9804397	Approved	Approved
26.	Dempsey Sand and Gravel **Redcross quarry only** Kilmurry North Co Wicklow Redcross Quarry	Redcross Email: dempseyquarries@gmail.com Phone: 0404-41902 www.dempseysandandgravel.com	Approved	Approved
27.	Belcarrig Quarries Boley Ballycanew Co Wexford	Email: belcarrigquarries@gmail.com Mobile: 0879175354 Phone: 0539482010	Approved	Approved
28.	Johnston Plant Hire Ltd Brooklodge Ballyglunin Tuam Co Galway	Email: johnstonplant1@gmail.com Mobile: 087-9969819	Approved	Approved
29.	L. Behan Aggregates & Recycling Windmill Hill Quarry, Rathcoole, Co Dublin.	Email: james@lbar.ie Tel: 01 4589 566 Mobile: 0857412415	Approved	Not Approved
30.	Moneydurtlow Quarries Ltd Moneydurtlow, Ferns, Enniscorthy, Co Wexford	Email: mrothwell20@gmail.com Mobile: 087 2887257	Approved	Approved
31.	C&C Sand and Haulage Ltd (Lehinch Quarry) Lehinch, Clara, Co Offaly	Email: candcsand@yahoo.com Mobile: Lenny Clavin 087 6877957	Approved	Approved
32.	Gleeson Precast Golden, Cashel, Co Tipperary.	Email: bill@gleesonprecast.com Tel: 062 72630	Approved	Approved
33.	IMS Hollywood Great, Nag's Head, Naul, Co. Dublin A41YE92.	Email: cian.ohora@imsirl.ie Website: www.imsirl.ie Tel: 01 8433744 Mobile: 085 8073721	Approved	Approved
34.	Cocoman Haulage & Grab Hire Shean, Edenderry, Co. Offaly R45 AD68	Email: acocman@rmail.com Mobile: Anthony Cocoman : 087 6380111	Approved	Approved

8. Approved Link Boxes

	Company	Contact Details
1.	NKT Link Box (110kV)	Email: mailto:Christopher.Turbett@nkt.com rory.davidson@nkt.com
2.	Pfisterer Link Box (110kV) PFISTERER Ltd. 2-4 Orgreave Place, Orgreave Sheffield S13 9LU, United Kingdom	Michael Wyer Tel: 0860422300 Mob: 0044(0)147 6578657 Email: michael.wyer@pfisterer.com

9. HDPE ducts, couplers and bends for 38kV, 110kV, 220kV and 400kV

All ducting, couplers and bends must comply with ESBN Specification 16113 Rev 8. See Specification for more details on the range of ducts and couplers coded. Generally, the following ducts sizes are used.

Voltage	Conductor Size	Duct Outer Diameter	Duct SDR
38kV	1000mm and under	110mm	17.6
110kV	1000mm and under	125mm	17.6
110kV	1600-2500 sq. mm	160mm	21
220kV	1600-2500 sq. mm	200 mm	21
400kV	2500-3200 sq. mm	250 mm	21
All comms ducts with 110kV and above		125	17.6
HDD ducts	All HDD ducts shall be SDR 11. (The exception is for MV 400 sq. mm Cable for which the SDR ratio of 14.7 applies - otherwise the 3x400 sq. cables will not fit) The HDD power ducts may need to have a larger outer diameter to ensure the inner diameter is suitable to install the cable. See Spec 16113 rev8 for details. Comms ducts can be 125mm OD SDR 11		Standard sizes: 110mm SDR11 125mm SDR11 (comms only) 140mm SDR11 180mm SDR11 225mm SDR11

Current Approved Suppliers for 38kV, 110kV, 220kV and 400kV HDPE ducts / fittings

	Company	Contact Details	Notes
1.	Pipelife White's Cross, Co. Cork	Tel: 021 4884700	Ducting in 6-12m lengths and coils up to 160mm diameter
2.	Pipelife Little Island, Cork	Tel: 021 510610 E: info@cpm.ie	Ducting in 6-12m lengths
3.	Radius Systems, Scarva Road Ind. Est. Banbridge, Co. Down	Sandra Davoust McCann Direct Dial:+44(0)2838 44 6040 Switchboard: +44 (0) 28 4066 9999 Mobile:+44 (0) 7850 207253 E: sandra.davoustmccann@radius-systems.com	Ducting in 6-12m lengths and coils up to 160mm diameter. Couplers. Preformed bends for 160-250mm diameter ducts, 6m radius as standard and 3.5m radius with ESBN NA UG Section Approval.

		Alistair Dodds 02838 446046 alistair.dodds@radius-systems.com Beate Burgess 02838 446034 beate.burgess@radius-systems.com Jennifer.Baldam 02838 446061 jennifer.baldam@radius-systems.com	**NOTE:** Preformed Bends are only allowed per ESBN Networks Assets UG section approved design
4.	Emtelle Ltd, Hawick & Jedburg, Scotland	Greig McIlwraith Tel: +44 (0) 1450 364046 Mob: +44 (0) 7912 771040 Kevin Corry Tel: 01 4573900 TPS (ROI) LIMITED 520 Grants Road Greenogue Business Park Rathcoole Co Dublin D24 YE61 David O'Brien 353 (0)87 8343030 Keith O'Callaghan 353 (0)872834452 PVC Fabrications	Ducting in 6-12m lengths and coils up to 160mm diameter Couplers Transition Couplers Preformed bends for 160-250mm diameter ducts, 6m radius as standard and 3.5m radius. **NOTE:** Preformed Bends are only allowed per ESBN Networks Assets UG section approved design
5.	Lynplast, Courtstown Industrial Park Little Island, Co. Cork	Mark Lynch Tel: 021 4353096	Couplers, nonstandard tee pieces and fittings excluding 3.5 and 6m preformed HDPE bends)

10. MV and LV - uPVC ducts, bends and HDPE/MDPE coils.

note: 160mm uPVC straight lengths are not approved for use (on MV / LV)

	NB for directional drilling duct for 400 sq. mm Al MV cable, SDR 14.7 shall be used as 400 SQ MM AL Cable will not fit if SDR 11 is used		
	Company	**Contact Details**	**Notes**
1.	Pipelife Ireland LTD Little Island, Cork	Martin McGovern Tel: +353 21 488 4700 Email: ireland@pipelife.com	125mm and 160mm uPVC ducts MDPE/HDPE Ducts
2.	Lynplast, Courtstown Industrial Park Little Island Cork	Mark Lynch (Bends/Fittings) Tel: 021 4353096	PVC Service Hockey Stick, UPVC duct bends, uPVC couplers / repair couplers

3.	Radius Systems, Scarva Road Ind. Est. Banbridge, Co. Down	Sandra Davoust McCann Direct Dial: +44(0)2838 44 6040 Switchboard: +44 (0) 28 4066 9999 Mobile: +44 (0) 7850 207253 E: sandra.davoustmccann@radius-systems.com Alistair Dodds 02838 446046 alistair.dodds@radius-systems.com Beate Burgess 02838 446034 beate.burgess@radius-systems.com Jennifer.Baldam 02838 446061 jennifer.baldam@radius-systems.com	Distributor for uPVC duct bends, uPVC couplers / repair couplers HDPE/MDPE 125 mm coils /sticks SDR 14.7 mm for 400 sq. mm AL MV cable and 160 mm SDR 11 for directional drilling and MDPE/HDPE 50 mm ducting
4.	Wavin Irl Ltd Balbriggan Co. Dublin	Tel: 01 8020200	125mm and 160mm uPVC ducts, PVC Service Hockey Stick, uPVC couplers / repair couplers distributors for HDPE/MDPE 125 mm coils /sticks SDR 14.7 mm for 400 sq. mm Al MV cable and 160 mm SDR 11 for directional drilling and MDPE/HDPE 50 mm ducting
5.	Emtelle Ltd Hawick & Jedburg Scotland	Greig McIlwraith Tel: +44 (0) 1450 364046 Mob: +44 (0) 7912 771040 Kevin Corry and Dermot Reville Tel: 01 4573900 TPS (ROI) LIMITED 520 Grants Road Greenogue Business Park Rathcoole Co Dublin D24 YE61 David O'Brien 353 (0)87 8343030 Keith O'Callaghan 353 (0)872834452 PVC Fabrications	125mm and 160mm uPVC ducts, uPVC duct bends, PVC Service Hockey Stick, uPVC couplers / repair couplers HDPE/MDPE 125 mm SDR 14.7 mm Coils/Sticks for 400 sq MV cable and 160 mm SDR 11 for directional drilling and MDPE/HDPE 50 mm ducting
6.	Brett Martin Ltd.	Glenn Goodman Tel: +44 7711 424773 glenngoodman@brettmartin.com	125mm and 160mm uPVC ducts, uPVC couplers / repair couplers
7.	Polypipe Ulster Dromore Rd Lurgan Craigavon Co Antrim BT66 7HL	Kevin Foster Tel: +44 (0) 862597286	125mm and 160mm uPVC ducts, uPVC duct bends, PVC Service Hockey Stick, uPVC couplers / repair couplers MDPE/HDPE 50mm ducting

11. Cable Pulling Lubricant

	Company	Contact Details
1.	PT Technologies Europe	Leslie Archer Tel. 021-4889922

	Meenane, Watergrasshill, Co. Cork	

12. ESB Approved Cable Pulling Equipment Suppliers

Cable Pulling Stockings, Lead In/Exit Bellmouth, Cable Rollers

	Company	Contact Details
1.	Clydesdale UK	Andy Calderwood 0044 1234 855855 (Office) 0044 7703344656 (Mobile)
2.	Brandon Agencies Rathnew, Co. Wicklow	Keith Brandon Tel. 0404-20500

13. Approved Marker Tape

	ESB Code: 2955090, (250mm Width, 200m roll) ; NB 50m roll discontinued ESB Code: 2955092, (500mm Width, 200m roll)		
	Company	**Contact Details**	**Notes**
1.	Centriforce Products Ltd 14-16 Derby Road, Liverpool, L20 8EE, UK	Amanda Welsh Mob: +44 (0) 7377 873 514 Tel: +44 (0)151 207 8109 Fax: + 44 (0)151 298 1319	Material Specification As above; Roll length 200m. Use 1 one width or multiple widths of 500mm wide marker tape for trenches > 500mm width; or combinations of both widths; In all cases the overall width of marker tape laid must be wider than the overall width of ducts laid below.
	Emtelle Ltd Hawick & Jedburg Scotland	K Greig McIlwraith Tel: +44 (0) 1450 364046 Mob: +44 (0) 7912 771040 Kevin Corry and Dermot Reville Tel: 01 4573900 TPS (ROI) LIMITED 520 Grants Road Greenogue Business park Rathcoole Co Dublin D24 YE61	
	Distributors for Approved Yellow Marker Tapes		
	Company	**Contact Details**	
1.	ABC Abrasives, Unit 8B Malahide Road Industrial Park, Malahide Road, Dublin 17	Contact: Damian McFadden / Noel Savage / Adam Barry Tel: 01 8486088 Fax: 01 848 6104 Email: sales@abcabrasives.ie	
2.	Cork Builders Providers Ltd, West Link, Togher Industrial Estate, Cork.	Contact: Daniel Millard Tel: 021 4961700 Mob: 086 8509169 Fax: 021 4961 428 Email: info@corkbp.ie	
3.	Safety First (Ireland) Ltd, Crossagella Industrial Estate, Ballysimon Road, Limerick	Contact: Seamus Clifford Tel: 061 419867 Fax: 061 416953 Email info@safetyfirst.ie	
4.	SW Carty & Son Ltd, Unit 48, Robinhood Industrial Estate, Dublin 22.	Contact: Alan Fenton Tel: 01 4508046 Fax: 01 4503486	

		Email: sales@swcarty.ie
5.	TPS (ROI) LIMITED 520 Grants Road Greenogue Business park Rathcoole Co Dublin D24 YE61	Dermot Reville / Kevin Corry Tel: 01 4573900

14. Approved Suppliers of Red Warning Strip (2.5mm thick)

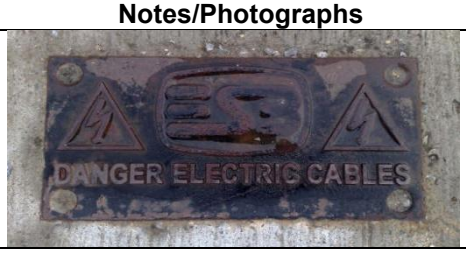
	ESB Code: 2955101 (200mm width, 20m roll, 2.5mm thick) ESB Code:2955103 (400mm, 20m roll, 2.5 mm thick)		
	Manufacturers	**Contact Details**	**Notes**
1.	Centriforce Products Ltd 14-16 Derby Rd Liverpool UK	Amanda Welsh Mob: +44 (0) 7377 873 514 Tel: +44 (0)151 207 8109 Fax: + 44 (0)151 298 1319	Use 200mm width for all trenches up to 300mm width Use two widths for trenches between 300mm-500mm width & overlap or 400mm wide strip as per ESB trench Specification drawing details No gaps allowed between adjacent rolls
2.	Emtelle UK Ltd. Haughhead, Hawick, Scottish Borders, UK. TD9 8LF	Greig McIlwraith Tel: +44(0) 1450 364046 Mob: +44(0) 7912 771040 Email: greigmc@emtelle.com	

	Distributors for Red Warning Strip	
	Company	**Contact Details**
1.	ABC Abrasives, Unit 8B Malahide Road Industrial Park, Malahide Road, Dublin 17	Contact: Damian McFadden/Noel Savage Tel. 01 8486088.
2.	Cork Builders Providers Ltd, West Link, Togher Industrial Estate, Cork.	Contact: Daniel Millard Tel. 021 4961700.
3.	MFP Plastics Ltd Laraghcon, Lucan Co Dublin	Eddie Kelly Tel: 01 630 2500 Mob: 0872522501
4.	TPS (ROI) LIMITED 520 Grants Road Greenogue Business park Rathcoole Co Dublin D24 YE61	Kevin Corry / Dermot Reville Tel: 01 4573900
5.	Emtelle UK Limited Haughhead Hawick TD9 8LF Scotland	Greig McIlwraith Tel: +44(0) 1450 364046 Mob: +44(0) 7912 771040 Email: greigmc@emtelle.com

15. 6mmx200mmx750mm Galvanised Steel Marker Plate with Marker Strip

	Company	Contact Details	Notes/Photographs
1.	East Jordan Roscrea Road, Birr, Co Offaly, Ireland	Daithi Regan T: 057 91 23100 M:087 66 79566 Fax:057 91 20954 E: daithi.regan@ejco.com	
2.	Edwards Engineering Ltd, Castlemore, Tullow, Co. Carlow	Patrick Edwards T: 059 915 2224 M: 085 7130020 E: patrick@edwardsengineering.ie Web: info@edwardsengineering.ie	
3.	Killeshal Precast Concrete Ltd Daingean, County Offaly Republic of Ireland	Phone: +353 57 9353018 Website: www.killeshal.com Email: sales@killeshal.com	

16. Surface Marker Plate

	Company	Contact Details	Notes/Photographs
1.	East Jordan Roscrea Road, Birr, Co Offaly, Ireland	Daithi Regan T: 057 91 23100 M: 087 66 79566 Fax: 057 91 20954 E: daithi.regan@ejco.com	

17. Marker Post

	Company	Contact Details	Notes/Photographs
1.	**PLASTIC** Rotofab Athlone Blyry Industrial Estate Athlone Co. Westmeath	Joe Naughton Ph: (090) 6479000 E.sales@rotofab.com	

18. Brush

	Company	Contact Details	Notes/Photographs
1.	I.S. Varian Unit 1, Greenhills Industrial Estate, Dublin 12	Alan Walker Mob. 086-0260555 Tel. 01-4501150	(White bristle with gaps brush NOT acceptable)  250mm Min Length
2.	Midland Site Supplies, Roscrea, Co. Tipperary.	E: info@midlandsitesupplies.ie Phone: 087 358 7208	(White bristle with gaps brush NOT acceptable)  250mm Min Length

19. Mandrel

	Company	Contact Details	Notes/Photographs
1.	Brandon Agencies Rathnew, Co. Wicklow.	Keith Brandon Tel: 0404-20500	 250mm Min Length
2.	Midland Site Supplies Roscrea, Co. Tipperary.	E: info@midlandsitesupplies.ie Phone: 087 358 7208	 250mm Min Length

20. Circular Sponge

	Company	Contact Details
1.	Midland Site Supplies, Roscrea, Co. Tipperary	Email: info@midlandsitesupplies.ie Phone: 087 358 7208

21. Sonde

	Company	Contact Details	Notes/Photographs
1.	Underground Detection Equipment Ltd, 66 Ralahine, Killiney, Co. Dublin	Denise Byrne Tel. 01-2852701 Mob. 086-4057815 Email: info@ude.ie	
2.	Midland Site Supplies, Roscrea, Co. Tipperary	Phone: 087 358 7208 info@midlandsitesupplies.ie	

22. Radio Detection (note: other company's devices can also be used provided they use a frequency compatible for use with the MRX version of the RD400 cable location tool)

	Company	Contact Details	Notes/Photographs
1.	Underground Detection Equipment Ltd, 66 Ralahine, Killiney, Co. Dublin	Denise Byrne Tel. 01-2852701 Mob. 086-4057815 Email: info@ude.ie	 Omniball

23. Rope (12mm polypropylene rope with certified safe breaking load of 2 tons) Available in 600m drums & 220m coils.

	Company	Contact Details	Notes/Photographs
1.	Silver Strand Rope Works Ltd Ballynally Moville Co. Donegal	Pat McLaughlin Phone: (074)9382503 Email: silverstrand@eircom.net	

24. Duct sealing Bags

	Company	Contact Details
1.	PowerPoint Engineering Kea-Lew Business & Retail Park, Mountrath Rd, Clonminam, Portlaoise, Co. Laois, R32 TRK4	Des Cassidy Phone: 057 866 2162. Email: info@powerpoint.ie

25. Cable Clamps

	Company	Contact Details
1.	Demesne Electrical Agents for Ellis cable clamps The Square Industrial Complex Tallaght Dublin 24 ; D24 ED 71	Declan Balfe Phone: 086-0227529 Email: declan.balfe@demesne.ie Ross Walsh Phone: 01-4047700 Email: ross@demesne.ie
2.	ALROC 23 rue de la Fonderie 72160 TUFFE VAL DE LA CHERONNE France	Isabelle AUBERT-TEIXERA Phone: +33 (0) 24360 6123 Fax: +33 (0) 24371 1651 Email: isabelle.aubert@alroc.fr
3.	KOZ Products PO. Box 361,	Brett Koeman Tel. 0031 113 21 87 62

	4460 AT Goes Albert Plesmanweg 3, 4462 GC Goes	Fax. 0031 113 21 87 94 Web: www.kozproducts.com
4.	Dörrstein GmbH Hohe Strasse 34-36 68526 Ladenburg Germany	Lutz Zuehlke Director Application Engineering Sales Mobile: + 49 (0) 171 124 5658 Phone: +49 (0)6203 40151-75 E-Mail: lutz.zuehlke@doerrstein.com Web: www.id-technik.com
5.	TYCO TE Connectivity - Energy	Daniel Forero Tender Manager TE Connectivity – Energy Mobile: +44 (0) 7920 758 029 Phone: +44 (0) 1376 509 507 E-mail: d.forero@te.com
6.	Veelite Lighting Kilbarry Waterford City Ireland	Antoinette Cleary Phone: +353 51875399 Fax: +353 51878437 E-Mail: antoinettec@light.ie Web: www.light.ie

26. Approved Electricity Metering Cabinet

	Company	Contact Details	Notes/Photographs
1.	Tricel (Killarney) Unlimited Company Ballyspillane Ind. Est. Killarney Co. Kerry	Phone: +353 (0) 646632421 Email: sales@tricel.ie Website: www.tricel.ie	

MV Substations – See ESB Specification 13320

1. Substation Doors

	Company	Contact Details
1.	**Edwards Engineering & Maintenance Services Ltd,** Castlemore, Tullow, Co. Carlow	Patrick Edwards Tel: 059 915 2224 Mob: 085 7130020 (Pat Edwards) Email: patrick@edwardsengineering.ie info@edwardsengineering.ie
2.	**Fire Block Ltd,** Údarás Industrial Estate, Ballymakeera, Co. Cork	The Estimating Department Tel: 026 45 560 Fax: 026 45 911 Email: info@fireblock.ie

2. GRP Duct Covers

	Company	Contact Details
1.	Relinea (formerly GRP Systems) 14 Crosshill Road Crumlin Co Antrim	Tel: 048 944 70010 Fax: 048 944 70020 Email: info@relinea.com Contact Name: Gareth Graham / Mark McClurkin
2.	Abanimus Limited Composites Division Unit 8 Hollyhill Industrial Estate Hollyhill Cork	Tel: +353 (0)21 2429403 Fax: +353 (0)21 4580494 Email: abanimus@abanimus.com
3	Edwards Engineering & Maintenance Services Ltd, Castlemore, Tullow, Co. Carlow	Patrick Edwards Tel: 059 915 2224 Mob: 0857130020(Pat Edwards) Email: patrick@edwardsengineering.ie info@edwardsengineering.ie

3. Prefabricated Earth Mat

	Company	Contact Details
1.	Edwards Engineering & Maintenance Services Ltd, Castlemore, Tullow, Co. Carlow	Pat Edwards Tel: 059 915 2224 Mob: 985 7130020 (Pat Edwards) Mob: 087 9165080 (Alan Edwards) Email: patrick@edwardsengineering.ie info@edwardsengineering.ie