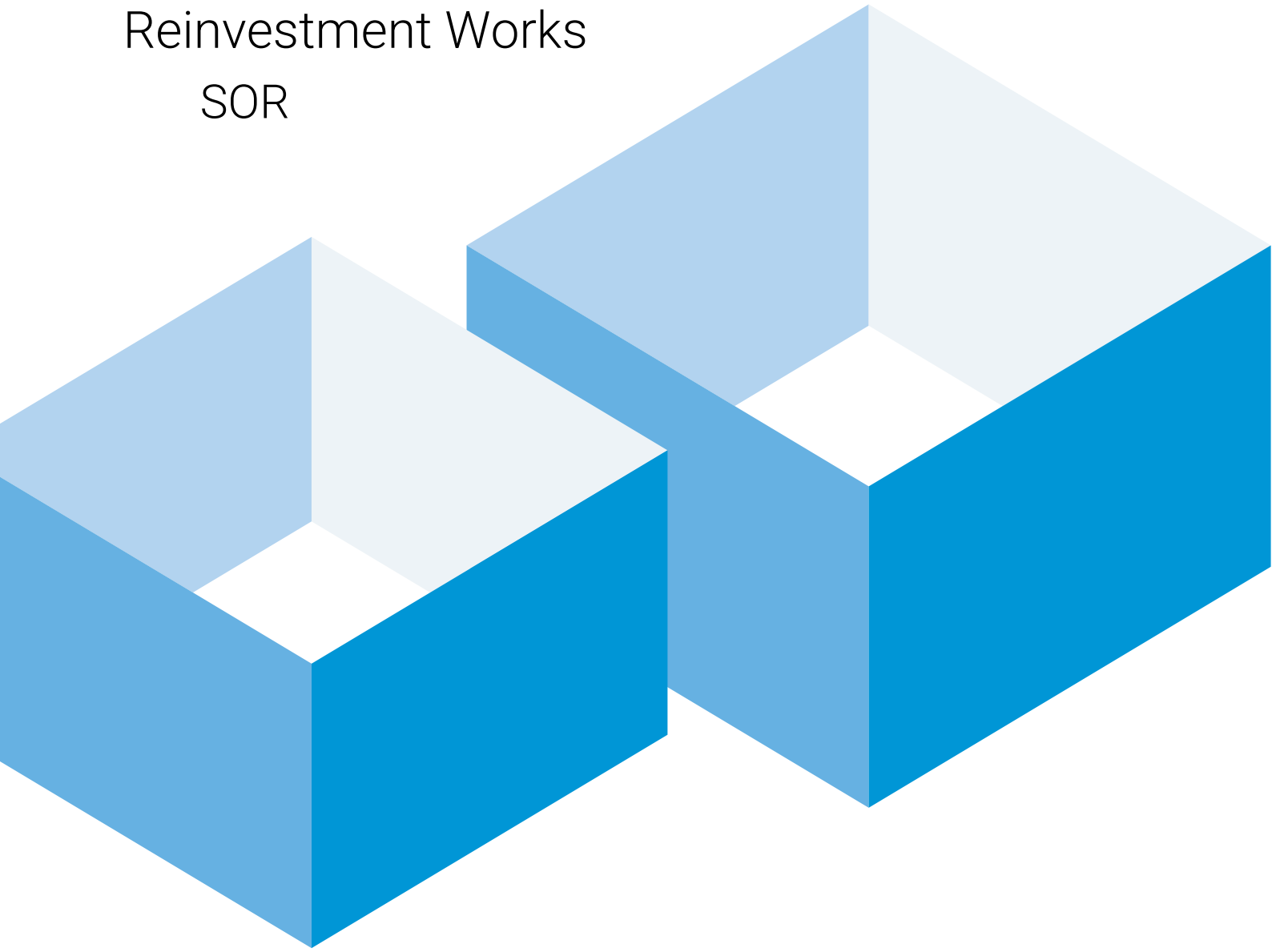
M3NHF Schedule of Rates

VERSION 8

Planned Maintenance and Property Reinvestment Works SOR



Your challenges expertly solved in partnership

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ITEM DESCRIPTION UNIT RATE

STANDARD ABBREVIATIONS USED IN THE M3NHF SCHEDULE OF RATES DESCRIPTIONS

It should be noted that the following information is provided as guidance only, and not all items may be covered.

(BOT)	Bottom
(BS)	Both Sides
(OS)	One Side
2L	Two layer
3L	Three layer
A	Amp
AA	Anodised aluminium
AC	Alternating current
BASEC	British Approvals Service for Cables
BCC	British Coal Corporation
BCMC	British Cable Manufacturers Confederation
BF	Both faces
BS	British Standard
Btu	British thermal unit
BWF	British Woodworking Federation
CCTV	Closed circuit television
CCU	Consumer control unit
CI	Cast Iron
CLG	Ceiling
CM	Cubic metres
CORGI	Council for Registered Gas Installers
CP	Chromium Plated
CR	Client's Representative
CT/ct	Coat
CWST	Cold water storage tank
DC	Direct current
dia	diameter
DIR	Direct
DP	Double Pole
dpc	Damp proof course
dpm	Damp proof membrane
EC7	Economy 7
EP	Ethylene propylene
EPDM	Ethylene Propylene Diene Monomer
F&E	Feed and expansion
FL&B	Framed, ledged and braced
FLR	Floor
GC	Gas chimney
GRP	Glass fibre reinforced polyester
GWCG	Georgian wired cast glass
GWPP	Georgian wired polished plate
HO	Home Office
HOFR	Heat, oil and flame retardant
horizon	horizontal
HP	High performance
HR)	
Hr)	Half round or hour depending on context
hr)	
HRC	High rupturing cartridge
HT	Height
HTR	Heater
HW	Hardwood
IEE	Institute of Electrical Engineers

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ITEM DESCRIPTION UNIT RATE

IET	Institution of Engineering and Technology
IND	Indirect
IT	Per Item i.e. comprising the whole of the works as detailed
KG	Kilogram
Kw	Kilowatts
L	Layer(s)
L&B	Ledged and braced
LM/M	Linear metres
LTR	Litres
LV	Low voltage
MCB	Miniature circuit breaker
MDF	Medium density fibreboard
MICC	Mineral insulated copper cable
MM	Millimetres
MS	Mild steel
ne	not exceeding
NICEIC	National Inspection Council for Electrical Installation Contracting
NS	Natural stone
OCC	Occupancy
PCC/pcc	Precast concrete
PM	Purpose Made
PR	Pair
PVC	Polyvinyl Chloride
PVCU/PVCu	Unplasticised Polyvinyl Chloride
RCD	Residual current device
RS	Reconstructed stone
SAA	Satin anodised aluminium
SEC	Security
SM	Square metres
STD	Standard
SW	Softwood
T and E	Twin and earth
T, G and V	Tongued, grooved and V jointed
TV	Television
UPVC	Unplasticised Polyvinyl Chloride
V	Volts
W	Watt
WC/wc	Water closet
WH	Wash hand
WHB	Wash hand basin
WK	Week
WP/wp	Waterproofing

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M3NHF SCHEDULE OF RATES: PLANNED MAINTENANCE AND PROPERTY REINVESTMENT WORKS – VERSION 8

ITEM	DESCRIPTION	UNIT	RATE

GENERAL RULES

Schedule of Rates Descriptions

001 There are three levels of description for each Schedule of Rates item. Each of these, in particular, the Medium Description set out in the scope of Works envisaged for an Order for that item.

002 Each item has a 6 character alpha numeric code reference and a single character alpha priority code reference:

Example:

0011AA	KERB:RENEW 127X254MM PCC KERB Kerb:Renew precast concrete kerb, straight or curved by carefully taking up existing kerb and haunching, remove waste and debris, clean up concrete bed, supply and lay new 127x254mm precast concrete kerb and haunch to both sides including pointing, formwork and make good to existing finishes.	LM	36.67

Items are grouped in the following sections:

- Foundations;
- Groundworks;
- Fencing and Gates;
- Drainage;
- Brickwork;
- Masonry;
- Roofing;
- Carpentry and Joinery;
- Plasterwork and other Finishes;
- Wall and Floor Tile and Sheet Finishes;
- Painting and Decorating;
- Cleaning and Clearance;
- Glazing;
- Plumbing;
- Heating, Gas Appliances and Installations;
- Electrical;
- Specialist Treatments; and
- Scaffolding.

All Works are to be completed within the Response Periods indicated in Contract Details.

003 Each item in the Schedule of Rates represents the entire work content of the particular repair set out in the Schedule of Rates item. The Provider is deemed to have included for all ancillary items that are necessary to achieve the particular repair even though those items not specifically referred to in the Schedule of Rates item.

004 Descriptions in the Schedule of Rates may have minor inconsistencies in terminology between relative items and also between the three levels of Description for each item contained within the Contract Documents. This is due to the computer field size limitations and Order application of the Client's computer system. Where the context requires, minor omissions of text should not be taken to mean that work in connection with a particular repair and maintenance item in the Schedule of Rates can be left incomplete.

005 In the Schedule of Rates the following definitions of measurement units are applicable:

HR – per hour
NO – per number or each
IT – per item i.e. comprising the whole of the Works as detailed
LM – per linear metre

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ITEM DESCRIPTION UNIT RATE

SM – per square metre
CM – per cubic metre
PR - per pair

006 The Schedule of Rates items are deemed to be fully inclusive of all costs associated with the removal of asbestos and/or undertaking work in connection with products containing asbestos whether all such items are specifically mentioned within the Schedule of Rates Descriptions i.e. rates are deemed inclusive of all costs associated removal and disposal from site, together with all preparatory costs, running costs and final clean up, dismantling and removal costs.

007 The following definitions apply in the Schedule of Rates:

"approved", **"directed"** or **"selected"**	means as approved, directed or selected by the Client Representative whose decision shall be final.
"Code of Practice"	means any code of recommended practice produced by a Statutory Authority or an industry recognised body (including the Construction Leadership Council);
"ease"	means make minor adjustments to moving parts of the stated component to achieve a good fit in both open and closed positions and ensure free movement in relation to fixed surrounds, unless stated otherwise and make good as necessary;
"fix", "install" or **"lay"**	means supply and fix new Materials including all preparatory work;
"make good"	means carry out local remedial work to components, features and finishes which have been disturbed by other, previous Work under this Contract and leave in a sound and neat condition. The replacement of components or parts of components and redecoration of adjacent surfaces is not included;
"patch"	refers to a net area of under $1m^2$;
"overhaul"	means to undertake any repair necessary to restore a component or piece of equipment to full working order including diagnosing any fault, testing, carry out minor repairs/remedial work and provision and replacement of any defective parts or components.
"remove"	means disconnect, dismantle (as necessary) and remove the stated element, work or component and all associated accessories, fastenings, supports, linings and bedding materials, and dispose of unwanted materials including all removal and replacement required to gain access for the work. The removal of associated pipework, wiring, ductwork and/or other services is not included unless otherwise stated;
"renew"	means remove the existing item, supply and fix or fit the appropriate new replacement item(s) including all fitting, piecing out and preparatory work. All items include the supply and fixing of all materials required unless specifically referred to as supplied by others, "fix only" or "free issue";
"repair"	means carry out local remedial works to component features and finishes as found in the existing building, secure or refix, touch up/make good decorations as necessary and leave in a sound and neat condition. The replacement of components or parts of components and redecoration of adjacent surfaces is not included;

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"replace"	means remove the stated existing components, features and finishes, provide and fit matching (or other specified) new components, features or finishes and make good as necessary;
"service"	means to undertake the periodic service and inspection as recommended by the manufacturer including all testing, cleaning and provision and replacement of consumables
"Standards"	means the following: • technical specifications (as referred to in Regulation 42(11)(b) PCR 2015) published by the International Organisation for Standardisation, the British Standard Institute, or any other equivalent body; and • the standards set out in any applicable Code of Practice;
"to match existing"	means use products, materials and methods to match closely all visual characteristics and features of the existing work, with joints between existing and new work being as inconspicuous as possible, all to the approval of the Client Representative;

008 The Schedule of Rates contains composite items which are designed to cover a number of potential repairs to a particular component or installation e.g. Overhaul WC pan. When a composite item for repair is ordered the Provider is required to carry out all necessary repairs as may be required to the component or installation in order to effect a complete repair. If there is a subsequent fault to the same component or installation and such fault is, in the reasonable opinion of the Client Representative, deemed to be an integral part of the composite repair item which should have been attended to at the previous visit, then the Provider shall carry out such further remedial repairs as are necessary as a recall and at no extra charge to the Client.

009 The Schedule of Rates contains both elemental and composite items for particular repair, maintenance and renewal items. For example there are composite items for complete roof covering renewals which includes for tiles (including eaves, ridge tiles, verges, vents), underfelting, battens, renewal of flashings, soakers etc., and there are individual Schedule of Rates items covering these separate components. Where a complete repair/renewal is required such as a roof renewal then the cost chargeable will be based on the composite Schedule of Rate item(s) and <u>not</u> by adding together the individual Schedule of Rate items for each separate component part.

010 The selection of the Schedule of Rates codes to be used in the evaluation of any Works Order shall be at the sole and absolute decision of the Client Representative.

011 Floor area measurements and/or banding where stated in Schedule of Rates descriptions shall be deemed to be the "gross internal area" as calculated in accordance with the "RICS code of measuring practice" published by the Royal Institution of Chartered Surveyors.

012 Ceiling area measurements and/or banding where stated in Schedule of Rates descriptions shall be deemed to be the net measured area, including the area displaced by any wardrobes, cupboards, larders, store rooms and the like that cannot be walked into. Integral and/or adjoining walk-in wardrobes, cupboards, larders, store rooms and the like shall be treated as separate areas.

013 Works described in the Schedule of Rates and all Materials used in those Works must comply with all applicable Standards and Codes of Practice that are current at the time of their use. References in the Schedule of Rates to any Standards and Codes of Practice are to be construed as references to the latest version current at the time Works are undertaken. Where a specific Standard or a Code of Practice is referred to in the Schedule of Rates, this sets out the minimum acceptable standard of Materials or workmanship for the Schedule of Rates item and the Works.

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M3NHF SCHEDULE OF RATES: PLANNED MAINTENANCE AND PROPERTY REINVESTMENT WORKS – VERSION 8

ITEM DESCRIPTION UNIT RATE

PRICE FRAMEWORK RULES EXTRACT

1 SCHEDULE OF RATES AND TENDERED ITEMS

1.1 Provider to execute Works at Contract Rates

1.1.1 The Provider's tendered Rates include all costs required to undertake the Works and complying with this Contract including:

- all mobilisation and set up costs, including IT investment, mobile working and communications, vehicles, tracking devices, offices, depots, welfare and storage facilities, livery and branding, recruitment, TUPE consultation, training and induction;
- all costs of liaising, communicating and dealing with Customers;
- labour and all related costs (including PPE and health and safety related costs, travel and other non-productive time);
- Materials supply costs including delivery and collection costs;
- Equipment (including all scaffolding permits/licences/charges, tools and personal protective equipment);
- all temporary works and reinstatements;
- all payments to Utility Providers;
- supervision, transport (including parking, tolls and/or congestion, emission charges and/or all similar charges) depot and storage costs;
- water supply for the Works, including all necessary plumbing and removal of temporary facilities on the completion of Void Property Works;
- temporary artificial lights and electrical power and/or gas facilities;
- the temporary disconnection and protection of telephone installations including repositioning to maintain services, releasing wires and cables before undertaking the Works and later refixing them, redecoration, reconnection, reinstatement and the costs of making good;
- the temporary disconnection and protection of television and radio aerials, satellite dishes, receivers and the like including repositioning to maintain services, releasing wires and cables before undertaking the Works and later refixing them, redecoration, reconnection, reinstatement and the costs of making good;
- the removal of fittings to be replaced and work necessary to gain access to the item to be repaired or renewed, including the removal and subsequent refitting of all duct access panels, floorboards, shelving and cupboards, making good all damage and touching up decorations to match existing;
- the temporary removal, protection and reinstatement (where necessary) of all floor coverings, carpets, fridges, cookers, freezers, washing machines, drying machines, dishwashers, curtains including making good all damage and touching up decorations to match existing;
- liaison and co-ordination with the Client's other contractors and consultants for Specialist Works including programming their work alongside that of the Provider, providing preconstruction information, arranging access, providing welfare facilities, allowing those contractors and consultants to use standing scaffolding and other means of access and on-site co-ordination and co-operation;
- all waste, debris and waste disposal costs and charges (including permits, licences, tipping charges and landfill tax) arising from Materials;
- all costs of cleaning the Property to which the Works are being undertaken;
- preliminaries costs, Central Overheads and Profit (whether payable separately or included within the Rates tendered for the Works); and
- all other costs involved in the execution of the Works under this Contract including the costs of responding to any risks that occur.

1.1.2 No additional payments are to be made to the Provider for the performance of the Provider's obligations, duties and responsibilities under the Contract Documents other than those set out in the Schedule of Rates and this Price Framework except to the extent that the Contract Documents expressly provide for payment for them.

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ITEM DESCRIPTION UNIT RATE

1.2 Additions and deletions from the Schedule of Rates

1.2.1 The Client's Representative may delete items from the Schedule of Rates where the Client's Representative considers appropriate. No payment is to be made to the Provider as a result of such items being deleted.

1.2.2 The Client's Representative may require the inclusion of additional items within the Schedule of Rates. The Client will identify such items. The Client's Representative will either pre-price them or request a price from the Provider for the approval of the Client's Representative and inclusion in the Schedule of Rates.

1.2.3 Any additional items are to be priced on a comparable basis with existing items in the Schedule of Rates.

1.2.4 The Client's Representative's decision on the Rates for additional items will be final.

Note:

Paragraphs 1.1.1 to 1.2.4 above are extracted from Section 1 of The Price Framework Rules of the Price Framework and the Provider must familiarise themselves with the full extent of the Price Framework which applies in conjunction with the Schedule of Rates.

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M3NHF SCHEDULE OF RATES: PLANNED MAINTENANCE AND PROPERTY REINVESTMENT WORKS – VERSION 8

ITEM DESCRIPTION UNIT RATE

RATE INCLUSIONS

Schedule of Rates Base Rates

001 The base rates included in this document have an evaluation date of January 2023.

002 The labour rates used are all-inclusive and are made up of constituent elements, examples of which include:

- Salaries
- Pension
- National Insurance
- Bonuses
- Non Productive overtime
- Sick pay
- Paid holiday
- Training
- Supervision
- Redundancy
- JIB benefit schemes

003 The most commonly used hourly labour rates in SOR items are:

Trade Code	Trade Description	Labour Rate (£)
M	Multiskilled operative (e.g. brickwork, carpentry, decorating, plastering, roofing)	20.92
M2	Multiskilled gang	36.89
E	Electrician operative	27.90
E2	Electrician gang	53.93
EE	Electrical engineer operative	32.66
EE2	Electrical engineer gang	62.93
P	Plumber operative	27.65
P2	Plumber gang	52.68
H	Heating engineer operative	31.22
ME	Mechanical engineer operative	30.78
GM	Grounds maintenance operative	18.45
FD	Fire door operative	25.10
S2	Scaffolding gang	30.40

003 Gang rates are calculated using a 2-man average gang based on a mix of operative types as defined by that trade's working rules, for example:

- Multiskilled – 1 craft building operative, 1 general operative
- Electrical – 3 craft electricians, 1 approved electrician, 1 stage 3 trainee electrician
- Plumbing – 4 trained plumbers, 1 advanced plumber
- Electrical engineering – 3 technicians, 2 craft electricians

005 Additional to labour costs the base rates are made up of the following parts:

- Materials
- PC Sums and Specialist costs where applicable
- Vehicle costs at £5.50 per hour
- Non productive time at 10%
- Profit at 5%
- Overheads at 12%

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ITEM DESCRIPTION UNIT RATE

MEASUREMENT RULES

The rules for the measurement of items included in this Schedule of Rates will be those detailed within the All Trade Preambles and this Appendix as follows:

.1 For items in the Schedule of Rates which are measured (indicated in LM/SM/CM), the Client will reimburse the Provider for works on the following basis.

The use of an item and the usage rate is less than 1 (one) the charge shall be as for 1 (one) whole. Where however, more than 1 (one) whole is used reimbursement shall be pro-rata the item schedule rate i.e. 1.27 LM, SM, or CM = 1.27 **to two decimal places**, (multiplied) by the unit schedule rate.

.2 For Items in the Schedule of Rates where the Unit of Measure is per No. (Number) or IT (Item), then the charge shall be as for 1 (one) whole multiplied by the unit schedule rate.

.3 For Items in the Schedule of Rates where the Unit of Measure is per HR (Hour) then the charge shall be to two decimal places, recorded to the nearest 15 minutes, irrespective of whether more or less than 1 (one) whole i.e. 0.50, 1.25 etc., multiplied by the unit schedule rate.

.4 All quantities for Schedule of Rates items measured by LM or SM or CM must be measured as the nett length, area or volume as applicable, after deduction of all gaps, breaks, openings, voids and the like within the area or at the boundaries of the work measured regardless of size.

.5 Where the same Schedule of Rates item may be specified in different locations and issued on the same Order for works within a dwelling, the quantity to be claimed against that Schedule of Rates item shall be aggregated to reflect the total quantity used in accordance with this measurement rule.

Specific rules for the measurement of scaffolding, only where reimbursable by operation of the provisions contained in the **Price Framework** are as follows:

.1 General and system scaffolding for Responsive Maintenance is designated in ranges of height. The height shall mean the vertical height measured from average scaffold base plate level to the upper surface of the top working platform. In the case of scaffolding with a top working platform at differing levels the average height shall be used. The scaffolding is measured the horizontal length along the face of the structure to which access is required.

General scaffolding for Planned Maintenance is designated by whether single or multi lifts and by the period of time the scaffolding is to be in place from completion of erection until the Works for which the scaffolding has been erected are signed off by the Client's Representative as being satisfactorily completed. The height shall mean the vertical height measured from average scaffold base plate level to the upper surface of the top working platform. In the case of scaffolding with a top working platform at differing levels the average height shall be used. The scaffolding is measured the horizontal length along the face of the structure to which access is required.

.2 Scaffold towers is itemised and designated by vertical height irrespective of plan dimensions. The height shall mean the vertical height measured from the tower base plates/wheels as appropriate to the upper surface of the top working platform. The items are deemed to include for providing towers of any suitable dimensions to suit access available.

.3 Chimney scaffolding is itemised and designated by height above ground level, irrespective of the girth. The height shall mean the vertical height measured from ground level to the upper surface of the working platform.

MEASUREMENT RULES (cont'd)

Specific rules for the measurement of scaffolding, only where reimbursable by operation of the provisions contained in the **Price Framework** are as follows: (cont'd)

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ITEM	DESCRIPTION	UNIT	RATE

.4 Working platforms to general scaffolding are deemed to be four boards wide and shall be measured per linear metres of platform.

.5 For any type of scaffolding the additional height above working platforms due to handrails, screens, gantries and the like is deemed to be included.

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M3NHF SCHEDULE OF RATES: PLANNED MAINTENANCE AND PROPERTY REINVESTMENT WORKS – VERSION 8

ITEM DESCRIPTION UNIT RATE

MEASUREMENT PREAMBLES

The following are provided as indicative examples only and are not deemed to be exhaustive of the work content of items included in the Schedule of Rates. Clients may wish to review and adapted as necessary prior to incorporation into any tender or other Contract documentation so they are compatible with the maintenance service to be provided and the particular Schedule of Rates with which they are to be used.

It should be noted that a measurement preamble stated in one or more of the following sections shall, where applicable, equally apply to another section although not being specifically mentioned in that section as such.

Generally

Generally Rates Deemed to Include

A. Rates for all Schedule of Rates items in all trades generally are deemed to include as appropriate for the following:

.1 All work that can reasonably be deemed to be included either as good workmanship, including the provision of materials and plant, or accepted practice whether or not specifically referred to in this document. The Client Representative's decision on this will be final.

.2 Clearing away all arisings, redundant materials, debris, rubbish etc., from site including damping down to reduce dust, loading into skips at ground level, skip hire or equivalent, transport, landfill, recycling and other form of waste disposal including all associated licences, permits and the like and the payments of all related fees and charges. Note: Schedule of Rates items for skip hire are NOT claimable for removal of waste etc. arising out of the execution of work ordered and removal of waste is deemed to be included in each respective Schedule of Rates item.

.3 The removal and disposal of all non licensed work on asbestos containing materials, whether it is notifiable or non notifiable work (in accordance with and as defined in the Control of Asbestos Regulations 2012) such as but not limited to textured coatings, asbestos cement sheeting and roof tiles, vinyl floor tiling, gaskets etc.

.4 Working in conjunction with all non licensed work on asbestos containing materials, whether it is notifiable or non notifiable work (in accordance with and as defined in the Control of Asbestos Regulations 2012) such as but not limited to textured coatings, asbestos cement sheeting and roof tiles, vinyl floor tiling, gaskets etc.

.5 All necessary trestles, ladders, boards, towers, scaffolding and other means of access to the external elevations, , in all situations where a working platform is required at a level below 2 metres above general ground or floor level, including maintaining in accordance with appropriate safety regulations, clearing away on completion and making good all work damaged or disturbed.

.6 All necessary temporary barriers, hoardings and protection for safe and proper execution of the Works, for protecting the public and the occupants of adjoining premises and for meeting the requirements of any Statutory Authority, including maintaining in accordance with appropriate safety regulations, clearing away on completion and making good all work damaged or disturbed.

.7 Temporary supports, shoring or hoarding to existing structure including maintaining, adapting and clearing away on completion and making good all work damaged or disturbed.

.8 Temporary dustproof, weatherproof and security screens, etc., as required complete with doors including maintaining, adapting and clearing away on completion and making good all work damaged or disturbed.

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ITEM DESCRIPTION UNIT RATE

Generally Rates Deemed to Include (cont'd)

A. Rates for all Schedule of Rates items in all trades generally are deemed to include as appropriate for the following: (cont'd)

.9 All preparatory work, setting and marking out, including provision and removal of temporary profiles.

.10 Taking up any necessary boarding, de-nailing timbers, relaying boarding and punching in nail heads.

.11 Taking off and re-fixing gutters, downpipes, bird guards, TV/radio aerials, satellite dishes, electricity, TV, British Telecom cables, radiators, boilers, kitchen units, sanitary appliances, electrical switch and socket plates and the like to facilitate the renewal or repair of any component.

.12 Removing all screws, nails, plugs and the like associated with the removal of any item.

.13 Setting aside, storing, cleaning and subsequently re-fixing items described as re-fixed.

.14 Setting aside, protecting and reinstating tenants' furniture, white goods, floor coverings, chattels, fixtures, fittings and other property and clearing roof space where necessary to undertake the works ordered.

.15 Fixing to any surface with nails, screws, blocks, glue, bolts etc., as required including drilling, packing and scribing.

.16 Jointing and or finishing new materials including additional material where required.

.17 Jointing and or finishing new materials to existing including additional material where required.

.18 Matching all materials to existing.

.19 Making good existing structure, finishings etc. as necessary.

.20 Moving items of furniture and the like including site furniture from one location to another or replacing. Moving sold fuel from one location to another,

.21 Collection and transportation of any size name plate/sign including engraved and laminated signage, any means of fixing to any type of background.

.22 Protecting the whole of the works.

.23 Seeking the approvals of the Client and or Client Representative in respect of any Works including any reasonable waiting or other down time whilst awaiting approval.

.24 Draining down, removal, setting aside and refixing radiators, refill the radiator and system including inhibitor, bleed, test and balance system.

.25 All pre-inspection visits or surveys to ascertain location of work, checking, measuring, location of and diagnosis of faults, scope, quantification and evaluation of Works to be undertaken etc.

The Provider is to allow in his tender for any additional costs that he considers may be necessary.

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ITEM DESCRIPTION UNIT RATE

Electrical Installation

Electrical Installation Rates Deemed to Include

A. Rates for electrical work are additionally deemed to include as appropriate for the following:

.1 Investigation for fault diagnosis Including identifying location and cause of fault.

.2 Disconnecting and or isolating electricity supply and subsequently reinstating.

.3 Stripping out redundant or defective cables, conduits, fittings and the like, not specifically referred to in the priced Schedule of Rates descriptions.

.4 Disconnection and removal of illegal wiring.

.5 Patterns, moulds templates and the like.

.6 Stripping out, builder's work and the like associated with any re-wiring including the complete re-wiring of existing properties.

.7 Where necessary, the removal and reinstating of electrical voltage supply by appropriate supply/Provider to facilitate the progression of works. Provider to arrange attendance and pay all charges incurred in connection with supply/Provider's work.

.8 Disconnecting and connecting cables, conduit, trunking and the like including connecting to fittings or appliances and existing installations and including flex.

.9 Unless otherwise specified all replacement items are to be like for like (as far as possible).

.10 Replacement of fuses and spur unit fuses.

.11 Draining down, refilling, venting, adjusting and setting controls in connection with repairs or replacement of cylinder heater elements and the like. Specifically the relevant requirements as set out in the Plumbing, Heating, Rainwater and Foul Drainage above Ground section of these measurement preambles shall be applicable.

.12 Renewal of equipment includes for disconnecting and removing old equipment supplying and fixing new equipment specified and connecting to adjacent outlet point. Should a new outlet point be required it shall be deemed to be included.

.13 Builders work such as cutting or forming holes, apertures, mortices, chases and the like in the existing structure and making good around fittings, holes apertures, chases and the like and making good all work disturbed.

.14 Adjusting and setting controls.

.15 Removing and subsequently replacing or renewing insulation, access panels, floor boarding, shelving and the like in order to gain access to the works.

.16 Gaining access to wall, floor and ceiling voids and the like where required including removal and reinstating of lids, covers, accessories, equipment, locating junction boxes, withdrawing or disconnecting old cables, threading new cables through old conduits or providing and fixing new conduits/mini trunking complete and fixing to any background shall be deemed to be included in rates for wiring.

.17 Altering and adapting existing installation to suit any new work including providing any additional cables, fittings or other materials required.

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ITEM DESCRIPTION UNIT RATE

Electrical Installation Rates Deemed to Include (cont'd)

A. Rates for electrical work are additionally deemed to include as appropriate for the following: (cont'd)

.18 Preparing new or existing fittings and supplying and connecting all cables, screws, clips and accessories.

.19 Fixings, clips, saddles, brackets and supports for cables or conduits or trunking or fittings or appliances and the like including plugging and screwing.

.20 Circuits are deemed to include any type of cable, any type of conduit and all associated fittings.

.21 Where more than one isolator forms part of the same circuit the additional isolators are deemed to be included in that circuit.

.22 Cooker outlet points are deemed to be included with cooker switch points in circuits.

.23 Lighting switch points are deemed to be included with lighting outlet points in circuits.

.24 Flex to fixed electrical appliances.

.25 All necessary designs for installations.

.26 Providing and fixing blank plates as necessary to fuse boards and outlets.

.27 Rates for Consumer Control Units (CCUs) are deemed to include for providing and fixing fuses, miniature circuit breakers (mcbs), blank way plates, residual current devices (rcd's) and the like.

.28 Providing and fixing new backboxes, pattresses, earth fly leads and other items normally associated with any fitting being renewed.

.29 Additional grounds, battens and supports.

.30 Reusing existing conduit, trunking etc., where possible.

.31 Supply and fixing any size new cable, conduit and trunking including where not possible to use existing cable, conduit and trunking and to include dressing, bends, bending conduit, angles, conduit boxes, outlets sleeves, glands on MICC cables, connecting tails, conduit and cable terminations and all other accessories and fixings.

.32 Bends and the like and connections on cooker hood ducting.

.33 Overhauling any item is to include for removing, dismantling and replacing any worn or defective part, greasing or oiling where appropriate, reassembling to leave in perfect working order and refixing.

.34 Electric light bulbs (enclosed within a fitting).

.35 Priming and painting two coats oil colour on new exposed conduit to match existing.

.36 Earthing and bonding all plumbing and associated metalwork in conjunction with Schedule of Rates items whether specifically stated or not in Schedule of Rates descriptions.

.37 Rearranging fittings on backboard including repositioning earth bonding tails and the like.

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ITEM DESCRIPTION UNIT RATE

Electrical Installation Rates Deemed to Include (cont'd)

A. Rates for electrical work are additionally deemed to include as appropriate for the following: (cont'd)

.38 Inspection and testing of all services, fittings, appliances etc., when completed to ensure satisfactory functional operation and safety, including temporary supply, engraving, circuit charts, drawings and labels for identification, commissioning and providing all certificates (including test results) required by the relevant electrical authorities, bodies or the Client.

.39 Disconnecting as necessary, removing and subsequent re-fixing and re-connecting any type of kitchen units, electrical fittings such as light fittings, light switches, socket outlet points and the like), radiators, heating appliances and or sanitary appliances and or other Client's or Customers fixtures and fittings in order to undertake works to electrical and communal mechanical and electrical installations.

.40 All other relevant items covered by other sections of the measurement preambles to the Schedule of Rates generally

.41 Undertaking all electrical work to comply fully with the requirements of BS 7671.

The Provider is to allow in his tender for any additional costs that he considers may be necessary.

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ITEM	DESCRIPTION	UNIT	RATE
SCHEDULE OF RATES			
	Space, Point and Water Heating Installations		
	Storage Heaters - Repairs		
8130AB	HEATER:RESITE AND RECONNECT Heater:Isolate supply, disconnect and resite night storage heater, including dismantle and reassemble, move to new site, secure to wall and make all connections, reconnect electricity supply, electrical tests and leave in working order and remove waste and debris.	NO	32.52
8130AC	HEATER:DISCONNECT AND REMOVE Heater:Isolate supply, disconnect and remove to secure store for subsequent reuse any night storage heater and make safe existing supply.	NO	27.58
8130BA	THERMOSTAT:RENEW ROOM TYPE TO ELECTRIC HEATING Thermostat:Isolate supply, disconnect, clear away and renew high limit room thermostat, including make all connections and leave in working order and remove waste and debris.	NO	29.17
	Space Heaters		
8140AA	HEATER:RENEW NE 0.75KW SPACE HEATER Heater:Isolate supply, disconnect existing, clear away and renew ne 0.75kW low carbon high efficient electric energy cell space heater, make all connections, including fixing securely to wall, electrical tests and leave in working order and remove waste and debris.	NO	182.59
8140AB	HEATER:RENEW NE 1.0KW SPACE TO BATHROOM Heater:Isolate supply, disconnect existing, clear away and renew ne 1.0kW low carbon high efficient electric energy cell space heater, make all connections, including fixing securely to wall, electrical tests and leave in working order and remove waste and debris.	NO	187.08
8140AC	HEATER:RENEW NE 1.25KW SPACE HEATER Heater:Isolate supply, disconnect existing, clear away and renew ne 1.25kW low carbon high efficient electric energy cell space heater, make all connections, including fixing securely to wall, electrical tests and leave in working order and remove waste and debris.	NO	196.29
8140AD	HEATER:RENEW NE 1.5KW SPACE HEATER Heater:Isolate supply, disconnect existing, clear away and renew ne 1.5kW low carbon high efficient electric energy cell space heater, make all connections, including fixing securely to wall, electrical tests and leave in working order and remove waste and debris.	NO	208.56
8140EA	PROGRAMMABLE HEATER:RENEW 0.50KW LOT 20 HEATER Heater:Isolate supply, disconnect existing, clear away and renew 0.50kW low carbon high efficient high retention, 7 day programmable with intelligent monitor Lot 20 compliant electric energy cell space heater, make all connections, including fixing securely to wall, electrical tests and leave in working order and remove waste and debris.	NO	696.30
8140EC	PROGRAMMABLE HEATER:RENEW 0.75KW LOT 20 HEATER Heater:Isolate supply, disconnect existing, clear away and renew 0.75kW low carbon high efficient high retention, 7 day programmable with intelligent monitor Lot 20 compliant electric energy cell space heater, make all connections, including fixing securely to wall, electrical tests and leave in working order and remove waste and debris.	NO	784.12

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ITEM	DESCRIPTION	UNIT	RATE
8140EE	PROGRAMMABLE HEATER:RENEW 1.00KW LOT 20 HEATER Heater:Isolate supply, disconnect existing, clear away and renew ne 1.00kW low carbon high efficient high retention, 7 day programmable with intelligent monitor Lot 20 compliant electric energy cell space heater, make all connections, including fixing securely to wall, electrical tests and leave in working order and remove waste and debris.	NO	837.47
8140EG	PROGRAMMABLE HEATER:RENEW 1.25KW LOT 20 HEATER Heater:Isolate supply, disconnect existing, clear away and renew 1.25kW low carbon high efficient high retention, 7 day programmable with intelligent monitor Lot 20 compliant electric energy cell space heater, make all connections, including fixing securely to wall, electrical tests and leave in working order and remove waste and debris.	NO	867.31
8140EI	PROGRAMMABLE HEATER:RENEW 1.50KW LOT 20 HEATER Heater:Isolate supply, disconnect existing, clear away and renew 1.50kW low carbon high efficient high retention, 7 day programmable with intelligent monitor Lot 20 compliant electric energy cell space heater, make all connections, including fixing securely to wall, electrical tests and leave in working order and remove waste and debris.	NO	909.63
	Final Circuits - Space Heaters		
8141AA	HEATING:RENEW NE 4 SPUR OUTLETS GROUND FLOOR Heating:Isolate supply, strip out, clear away and renew ring main circuit to ground floor of dwelling with ne 4 No. 13 amp spur outlets including install mini trunking or rigid PVC conduit chased into wall etc., reconnect electricity supply, undertake electrical tests, provide certificate, make good on completion and remove waste and debris.	NO	354.41
8141AB	HEATING:RENEW 5-6 SPUR OUTLETS GROUND FLOOR Heating:Isolate supply, strip out, clear away and renew ring main circuit to ground floor of dwelling with over 4 and ne 6 No. 13 amp spur outlets including install mini trunking or rigid PVC conduit chased into wall etc., reconnect electricity supply, undertake electrical tests, provide certificate, make good on completion and remove waste and debris.	NO	396.59
8141AC	HEATING:RENEW NE 4 SPUR OUTLETS UPPER FLOOR Heating:Isolate supply, strip out, clear away and renew ring main circuit to upper floor of dwelling with ne 4 No. 13 amp spur outlets including install mini trunking or rigid PVC conduit chased into wall etc., reconnect electricity supply, undertake electrical tests, provide certificate, make good on completion and remove waste and debris.	NO	308.42
8141AD	HEATING:RENEW 5-6 SPUR OUTLETS UPPER FLOOR Heating:Isolate supply, strip out, clear away and renew ring main circuit to upper floor of dwelling with over 4 and ne 6 No. 13 amp spur outlets including install mini trunking or rigid PVC conduit chased into wall etc., reconnect electricity supply, undertake electrical tests, provide certificate, make good on completion and remove waste and debris.	NO	343.29
	Radiant and Convector Heaters		
8150AA	FIRE:RENEW NE 2.5KW RADIANT FIRE Fire:Isolate supply, disconnect, clear away and renew with ne 2.5kW focal point radiant fire, make all necessary connections into spur box, reconnect electricity supply, electrical tests and leave in working order and remove waste and debris.	NO	185.65
8150AB	FIRE:INSTALL NE 3.0KW INSET FOCAL FAN HEATER Fire:Isolate supply, install approved ne 3.0kW inset flame effect fan heater complete with timber surround, back panel and hearth including provision of spur circuit including mini trunking or rigid PVC conduit chased in wall etc., double pole	IT	324.30

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ITEM	DESCRIPTION	UNIT	RATE
	switch spur outlet and all adjustments to electrical supply as necessary, test and undertake tests, provide certificate, make good to all finishes and remove waste and debris, reconnect electrics, tests and leave in working order.		
8150XA	FIRE:INSTALL NE 2.5KW RADIANT FOCAL FIRE Fire:Isolate supply, install ne 2.5 kW focal point radiant fire and surround, including provision of spur circuit including mini-trunking or rigid PVC conduit chased in wall etc, double pole switch spur outlet and all adjustments to pipework and electrical supply as necessary, fill, test and undertake tests, provide certificate, make good to all finishes, and remove waste and debris, reconnect electrics, tests and leave in working order.	NO	275.61
8150XB	FIRE:INSTALL WALL MOUNTED ELECTRIC FIRE Fire:Install wall mounted electric fire and all associated wiring, spur box, earthing, electrical tests, and leave in working order, make good, and remove waste and debris.	NO	262.69
8150XC	FIRE:INSTALL WALL MOUNTED ELECTRIC FIRE + SURROUND Fire:Install wall mounted electric fire and all associated wiring, surround, spur box, earthing, electrical tests, and leave in working order, make good, and remove waste and debris.	NO	500.47
8150XD	FIRE:RENEW WALL MOUNTED ELECTRIC FIRE Fire:Renew wall mounted electric fire, remove existing and install new fire and all associated wiring, spur box, earthing, electrical tests, and leave in working order, make good, and remove waste and debris.	NO	205.61
8150XE	FIRE:RENEW WALL MOUNTED ELECTRIC FIRE AND SURROUND Fire:Renew wall mounted electric fire and surround, remove existing and install new fire and all associated wiring, spur box, earthing, electrical tests, and leave in working order, make good, and remove waste and debris.	NO	443.39
8150CA	HEATER:RENEW 2.5KW FAN CONVECTOR WITH TIMER Heater:Isolate supply, disconnect, clear away and renew or install ne 2.5kW fan-assisted convector heater including 24hr timer, plugging and screwing securely to wall, make all necessary connections into spur box, reconnect electricity supply, electrical tests and leave in working order and remove waste and debris.	NO	86.19
8150EA	HEATER:RENEW NE 1KW PANEL HEATER WITH TIMER Heater:Isolate supply, disconnect, clear away and renew ne 1kW panel heater with 24hr timer including plugging and screwing securely to wall, make all necessary connections into spur box, reconnect electricity supply, electrical tests and leave in working order and remove waste and debris.	NO	209.55
8150EB	HEATER:RENEW NE 2KW PANEL HEATER WITH TIMER Heater:Isolate supply, disconnect, clear away and renew ne 2kW panel heater with 24hr timer including plugging and screwing securely to wall, make all necessary connections into spur box, reconnect electricity supply, electrical tests and leave in working order and remove waste and debris.	NO	228.99
8150EC	HEATER:RENEW NE 3KW PANEL HEATER WITH TIMER Heater:Isolate supply, disconnect, clear away and renew ne 3kW panel heater with 24hr timer including plugging and screwing securely to wall, make all necessary connections into spur box, reconnect electricity supply, electrical tests and leave in working order and remove waste and debris.	NO	268.37
8150FA	FIRE:RENEW NE 1KW INFRA RED HEATER Fire:Isolate supply, disconnect, clear away and renew with ne 1kW infrared wall mounted heater with pull cord, fix securely to wall, make all necessary connections into spur box, reconnect electrical tests and leave in working order and remove waste and debris.	NO	92.17

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ITEM	DESCRIPTION	UNIT	RATE
8150GA	FIRE:RENEW NE 2KW INFRA RED HEATER Fire:Isolate supply, disconnect, clear away and renew with ne 2kW infrared wall mounted heater with pull cord, fix securely to wall, make all necessary connections into spur box, reconnect electrical tests and leave in working order and remove waste and debris.	NO	99.43
8150HA	HEATER:RENEW 2KW WALL FAN HEATER WITH TIMER Heater:Isolate supply, disconnect, clear away and renew or install ne 2kW wall mounted fan heater with 24hr timer, including plugging and screwing to wall, make all necessary connections to spur box, reconnect electricity supply, electrical tests and leave in working order and remove waste and debris.	NO	84.41
	Electric Towel Rail		
8190AA	TOWEL RAIL:RENEW NE 175 WATT ELECTRIC Towel Rail:Isolate supply, disconnect, clear away and renew towel rail ne 175 watt, free standing or wall mounted including plug and screw to wall in accordance with manufacturers technical data sheet, make all necessary connections into spur box, reconnect, electrical tests and leave in working order and remove waste and debris.	NO	217.54
	Immersion Heaters		
8200AA	IMMERSION HEATER:RENEW CIRCUIT AND SWITCH Immersion Heater:Isolate supply, strip out, clear away and renew immersion heater circuit with cable run in mini trunking or rigid PVC conduit chased into wall etc., including fitting of 20 amp double pole isolator switch, 20 amp double pole indicator switch and reconnection of existing heater flex, reconnect electricity supply, undertake electrical tests, provide certificate, make good on completion and remove waste and debris.	NO	136.40
8200BA	IMMERSION HEATER:RENEW FLEX CONNECTION Immersion Heater:Isolate supply, strip out, clear away and renew 1.00m length of 2.5mm 3 core butyl rubber flex to immersion heater and make all necessary connections to 20 amp double pole switch and immersion heater, reconnect electricity supply, undertake electrical tests, provide certificate, make good on completion and remove waste and debris.	NO	19.08
8200CA	IMMERSION HEATER:RENEW 20A DP/TP INDICATOR SWITCH Immersion Heater:Isolate supply, disconnect, clear away and renew 20 amp moulded plastic double or triple pole switch with neon indicator and moulded plastic mounting box, including plugging to walls as necessary, remake all necessary connections, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	31.67
8200DA	IMMERSION HEATER:RENEW BOOSTER SWITCH Immersion Heater:Isolate supply, disconnect, clear away and renew or supply and install immersion booster switch and moulded plastic mounting box, including plugging to walls as necessary, remake all necessary connections, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	20.08
	Water Storage Heaters		
8250AA	WATER HEATER:RENEW 3KW 7 LITRE Water Heater:Isolate water and electrical supplies, drain down, disconnect, clear away and renew 3kW 7 litre water storage heater, reconnect water supply, refill and test, remake all connections, reconnect electricity supply, electrical tests and leave in working order on completion and remove waste and debris.	NO	156.81
8250BA	WATER HEATER:RENEW 3KW 100 LITRE Water Heater:Isolate water and electrical supplies, drain down, disconnect, clear	NO	825.38

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ITEM	DESCRIPTION	UNIT	RATE
	away and renew with 3kW, ne 100 litre water storage heater, reconnect water supply, refill and test, remake all connections, reconnect electricity supply, electrical tests and leave in working order on completion and remove waste and debris.		
8250CA	WATER HEATER:RENEW 3KW NE 30 LITRE Water Heater:Isolate water and electrical supplies, drain down, disconnect, clear away and renew with 3kW, ne 30 litre water storage heater, reconnect water supply, refill and test, remake all connections, reconnect electricity supply, electrical tests and leave in working order on completion and remove waste and debris.	NO	532.31
8250DA	WATER HEATER:RENEW SWITCH Water Heater:Isolate supply, disconnect, clear away and renew 20 amp double pole immersion heater switch marked 'WATER HEATER', 2hr run-back timer, neon indicator, and moulded plastic mounting box, including plugging walls as necessary, remake all necessary connections, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	24.66
8250DB	WATER HEATER:RENEW EC7 TIMER SWITCH Water Heater:Isolate supply, disconnect, clear away and renew Economy 7 micro 24hr timer switch to water heater, dismantle and reassemble access covers, reset, reconnect electricity supply, electrical tests, leave in working order and remove waste and debris.	NO	72.77
	Electrical Appliances		
	Showers - Electric		
8300AA	SHOWER:INSTALL NEW NE 8.7KW UNIT Shower:Supply and install new ne 8.7kW shower unit including plugging walls as necessary, connect to water and electrical supplies including provision of shower circuit including mini trunking or rigid PVC conduit chased in wall etc., incorporating RCBO protection 45amp double pole switch and all adjustments to pipework and electrical supply as necessary, fill, test and undertake electrical tests, provide certificate, make good to all finishes and remove waste and debris.	NO	381.56
8300BA	SHOWER:RENEW NE 8.7KW UNIT Shower:Isolate and disconnect water/electricity supplies, disconnect and clear away existing and renew with ne 8.7kW shower unit including plug walls as necessary, adjust and reconnect water supply, fill, test all newly made joints and adjust, remake all connections to cables, install RCBO protection to shower circuit 45amp double pole switch, reconnect electricity supply, undertake tests, provide certificate, make good to all finishes and remove waste and debris.	NO	288.81
8300CA	SHOWER:DISCONNECT SEAL AND MAKE SAFE Shower:Isolate supply and disconnect shower unit, fix temporary sealing box to exposed cable and leave safe, dispose of shower unit if not being re-installed.	NO	22.32
8300DA	SHOWER:RECONNECT AND TEST Shower:Reconnect shower unit, test all supplies including carry out electrical tests and leave in working order and remove waste and debris.	NO	28.99
8300EA	SHOWER:RENEW CIRCUIT Shower:Isolate supply, disconnect, strip out, clear away and renew shower circuit including mini trunking or rigid PVC conduit chased into wall etc., incorporating RCBO protection, 45 amp double pole switch and make all necessary connections, reconnect electricity supply, undertake electrical tests, provide certificate, make good on completion and remove waste and debris.	NO	134.84

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ITEM	DESCRIPTION	UNIT	RATE
8300FA	SHOWER:RENEW 45A CEILING SWITCH Shower:Isolate supply, disconnect, clear away and renew 45 amp one way moulded plastic double pole ceiling switch, neon indicator, fitted with ceiling switch cord of 1.5m length, remake all necessary connections, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	49.22
8300GA	PUMP:INSTALL SHOWER SYSTEM WITH CURTAIN Pump:Supply and install new proprietary pumped water system complete with shower head, hose, pipework and controls, including plugging walls as necessary, connect to water and electrical supplies including 200/240 V transformer as necessary, including provision of RCBO protection and 45A double pole switch located outside of bathroom and all adjustments to existing pipework including new service valve and in line scale reducer and electrical supply as necessary, fill, test and undertake earth fault loop impedance test, all cabling in mini trunking, including curtain and rail, make good all finishes and remove waste and debris. [PC Sum for supply and delivery of pumped water system £470.00 excluding VAT].	NO	703.85
8300GB	PUMP:RENEW SHOWER SYSTEM Pump:Isolate and disconnect water/electricity supplies, disconnect and clear away existing and renew proprietary pumped shower reconnect to water and electrical supplies including 200/240 V transformer as necessary, including plug walls as necessary, adjust and reconnect water supply, fill, test all newly made joints and adjust, remake all connections to cables, install RCD protection to shower circuit if missing, MCB 45A, reconnect electricity supply, reconnect shower hose and head and undertake tests, provide certificate, make good to all finishes, and remove waste and debris [PC Sum for supply and delivery of pumped shower £470.00 excluding VAT].	NO	689.35
8300GC	PUMP:INSTALL SHOWER SYSTEM OVER BATH Pump:Supply and install new thermostatic shower controller and Monsoon twin shower booster pump pumped water system complete with shower head, riser rail, hose, pipework and controls, including plugging walls as necessary, connect to water and electrical supplies including 200/240 V transformer as necessary, including provision of RCBO protection to shower circuit, 45A double pole switch located outside of bathroom and all adjustments to pipework and electrical supply as necessary, provision of pipework to cold water storage tank and hot water cylinder, stopcock and isolating valves, including in line scale reducer, fill, test and undertake earth fault loop impedance test, all cabling in mini trunking, including new full height glazed wall tiling to bath area, silicone sealant to bath, make good all finishes and remove waste and debris [PC Sum for supply and delivery of shower controller and pumped water system £770.00 excluding VAT].	NO	1148.12
8300GD	PUMP:RENEW BOOSTED SHOWER CONTROLLER Pump:Isolate and disconnect water/electricity supplies, disconnect and clear away existing and renew thermostatic shower controller, to pumped shower ssystem including plugging walls as necessary, connect to water and electrical supplies including 200/240 V transformer as necessary, adjust and reconnect water supply, fill, test all newly made joints and adjust, remake all connections to cables, install RCD protection to shower circuit if missing, MCB 45A, reconnect electricity supply, reconnect to pump and shower hose and head and undertake tests, provide certificate, make good to all finishes, and remove waste and debris [PC Sum for supply and delivery of shower controller £340.00 excluding VAT].	NO	490.17
8300GE	PUMP:RENEW BOOSTED SHOWER PUMP Pump:Isolate and disconnect water/electricity supplies, disconnect and clear away existing and renew Monsoon twin shower booster pump to pumped shower system including plugging walls as necessary, connect to water and electrical supplies including 200/240 V transformer as necessary, adjust and reconnect water supply, fill, test all newly made joints and adjust, remake all connections to cables, install RCBO or MCB/RCD protection to shower circuit if missing, MCB 45A, reconnect electricity supply, reconnect to shower and undertake tests, provide certificate,	NO	567.96

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ITEM	DESCRIPTION	UNIT	RATE
	make good to all finishes, and remove waste and debris [PC Sum for supply and delivery of shower pump £380.00 excluding VAT].		
8300HA	SHOWER:RENEW 9.5 KW COMPLETE Shower:Renew shower unit with 9.5 kW electric shower unit complete incorporating advanced temperature stabiliser for constant temperature control, make all fixtures to walls, make all connections to electrical and water supplies, incorporate RCBO protection, 45amp double pole switch, provide new service valve if not already installed, install in line scale reducer, test, provide certificate and make good all finishes on completion and remove waste and debris.	NO	364.81
8300HB	SHOWER:INSTALL 9.5 KW COMPLETE Shower:Supply and install new 9.5 kW electric shower unit complete with hose, shower head, riser rail and incorporating advanced temperature stabiliser for constant temperature control, make all connections to water supply including running additional pipework as necessary, provide new service valve, make electrical connections including provision of double pole switch, cable, conduit and, RCBO protection, 45amp double pole switch, install in line scale reducer, test, provide certificate, and make good all finishes on completion and remove waste and debris.	NO	438.22
8300HC	SHOWER:RENEW 9.5 KW AUDIO VISUAL COMPLETE Shower:Renew shower unit with 9.5 kW electric shower unit complete incorporating advanced temperature stabiliser for constant temperature control and audio-visual warning devices, make all fixtures to walls, make all connections to electrical and water supplies, incorporate RCBO protection, 45 amp double pole switch, provide new service valve if not already installed, install in line scale reducer, test, provide certificate and make good all finishes on completion and remove waste and debris.	NO	399.67
8300HD	SHOWER:INSTALL 9.5 KW AUDIO VISUAL COMPLETE Shower:Supply and install new 9.5 kW electric shower unit complete incorporating advanced temperature stabiliser for constant temperature control and audio visual warning devices, sliding rail, hose, and shower head, make all fixtures to wall, make all connections to water supply including running additional pipework as necessary, provide new service valve, make electrical connections including provision of double pole switch, cable, conduit and, RCBO protection, 45amp double pole switch, install in line scale reducer, test, provide certificate, and make good all finishes on completion and remove waste and debris.	NO	473.07
	Domestic Type Cookers		
8350AA	ELECTRIC COOKER:DISCONNECT SEAL AND MAKE SAFE Electric Cooker:Isolate supply and disconnect electric cooker, fix temporary sealing box to exposed cable and leave safe.	NO	8.42
8350BA	ELECTRIC COOKER:RECONNECT AND TEST Electric Cooker:Reconnect cooker, carry out electrical tests and leave in working order and remove waste and debris.	NO	8.70
	Domestic Type Electric Cookers - Renewals		
8820AA	ELECTRIC COOKER:RENEWAL 4 PLATE TYPE Electric Cooker:Isolate supply, disconnect existing, clear away, supply and install new 4 plate domestic type electrical cooker complete [PC Sum for supply and delivery to site £250.00 excluding VAT], reconnect, undertake electrical tests, test operation and leave in working order and remove waste and debris.	NO	339.79
8820AB	ELECTRIC COOKER:RENEW 2 PLATE TYPE HOB UNIT Electric Cooker Unit:Isolate supply, disconnect existing, clear away, supply and install new 2 plate domestic type electric hob unit complete [PC Sum for supply and delivery to site £95.00 excluding VAT], reconnect, undertake electrical tests,	NO	150.69

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ITEM	DESCRIPTION	UNIT	RATE
	test operation and leave in working order and remove waste and debris.		
8820ZB	ELECTRIC COOKER:RENEW BUILT IN HOB UNIT Electric Cooker:Isolate supply, disconnect existing, clear away, supply and install domestic type built in/inset electric hob unit complete [PC Sum for supply and delivery to site £250.00 excluding VAT], reconnect, undertake electrical tests, test operation and leave in working order and remove waste and debris.	NO	339.79
8820ZC	ELECTRIC COOKER:RENEW BUILT IN OVEN UNIT Electric Cooker:Isolate supply, disconnect existing, clear away, supply and install new built in type domestic electrical oven complete [PC Sum for supply and delivery to site £300.00 excluding VAT], reconnect, undertake electrical tests, test operation and leave in working order and remove waste and debris.	NO	418.18
	Cooker Control Units and Circuits		
8350CA	ELECTRIC COOKER:RENEW CIRCUIT Electric Cooker:Isolate supply, strip out, clear away and renew cooker circuit including fitting of wall mounted control box, cable run in mini trunking or rigid PVC conduit chased into walls or drawn through existing conduit and make all necessary connections to existing cooker, reconnect electric supply, undertake electrical tests, provide certificate, make good on completion and remove waste and debris.	NO	138.47
8350DA	ELECTRIC COOKER:RENEW UNIT AND CIRCUIT Electric Cooker:Isolate supply, strip out, clear away and renew link circuit from cooker control unit to cooker outlet plate, cable run in mini-trunking or rigid PVC conduit chased into existing walls or drawn through existing conduit and make all connections to cooker control unit, supply and fix new cooker outlet plate and make connection to cooker, undertake electrical tests, provide certificate, make good on completion and remove waste and debris.	NO	70.70
8350DB	ELECTRIC COOKER:RENEW CONTROL UNIT AND SWITCH Electric Cooker:Isolate supply, disconnect, clear away and renew 45/50 amp surface mounted plastic cooker unit with neon indicator, with plastic mounting-box and double pole switch, including plugging to walls as necessary, remake all necessary connections to cables, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	40.39
8350DE	ELECTRIC COOKER:RENEW CONTROL UNIT SOCKET + SWITCH Electric Cooker:Isolate supply, disconnect, clear away and renew 45/50 amp surface mounted plastic cooker unit with neon indicator and 13amp socket with plastic mounting-box and double pole switch, including plugging to walls as necessary, remake all necessary connections to cables, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	44.72
8350DC	ELECTRIC COOKER:RENEW METAL CONTROL UNIT Electric Cooker:Isolate supply, disconnect, clear away and renew 45/50 amp flush type metal cooker control unit with neon indicator and flush box and double pole switch, including plugging to walls as necessary, remake all necessary connections to cables, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	55.10
8350DD	ELECTRIC COOKER:RENEW CONTROL PLATE Electric Cooker:Isolate supply, disconnect, clear away and renew 45/50 amp surface mounted cooker control unit plate with neon indicator with double pole switch, including plugging to walls as necessary, remake all necessary connections to cables, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	39.94

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ITEM	DESCRIPTION	UNIT	RATE
8350EA	ELECTRIC COOKER:RENEW COOKER OUTLET PLATE Electric Cooker:Isolate supply, disconnect, clear away and renew cooker outlet plate and make connections to cooker link circuit and to cooker cable, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	11.80
8350EB	ELECTRIC COOKER:RELOCATE CONTROL FROM HOTZONE Electric Cooker:Disconnect existing cooker and cooker control unit, relocate / extend wiring to new position to building regs, including provision of cooker outlet, test circuit and reconnect cooker if required.	NO	105.42
	Cooker Ventilation Hoods		
8350FA	ELECTRIC COOKER HOOD:RENEW EXTRACTOR UNIT Electric Cooker Hood:Isolate supply and disconnect and remove cooker hood extractor unit, supply and install new cooker extractor unit fixed to brickwork or timber, reconnect to cooker hood vent kit, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	136.35
8350FB	ELECTRIC COOKER HOOD:RENEW COMPLETE Electric Cooker Hood:Isolate supply and disconnect and remove cooker hood extractor unit, ducting, vent kit and grilles, supply and install new cooker extractor unit fixed to brickwork or timber, install and connect universal 100 cooker hood vent kit and 100x55mm moulded plastic cooker hood ducting complete with terminal/grill, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	168.63
	Domestic Type Electric Laundry Equipment		
8821AA	WASHING MACHINE:RENEW Washing Machine:Isolate supply, disconnect existing, clear away, supply and install new domestic type electric washing machine [PC Sum for supply and delivery to site £250.00 excluding VAT], reconnect electric supply, water supply and waste pipework, electrical test, make good on completion and leave in working order and remove waste and debris.	NO	339.79
8821BA	TUMBLE DRYER:RENEW Tumble Dryer:Isolate supply, disconnect existing, clear away, supply and install new domestic type electric tumble dryer [PC Sum for supply and delivery to site £250.00 excluding VAT], reconnect electric supply, electrical test, make good on completion and leave in working order and remove waste and debris.	NO	339.79
	Domestic Type Dishwashing Equipment		
8826AA	DISHWASHING MACHINE:RENEW FREESTANDING Dishwashing Machine:Isolate supply, disconnect existing, clear away, supply and install new domestic type electric dishwashing machine [PC Sum for supply and delivery to site £300.00 excluding VAT], reconnect electric supply, water supply and waste pipework, electrical test, make good on completion and leave in working order and remove waste and debris.	NO	400.79
8826AB	DISHWASHING MACHINE:RENEW INTEGRATED Dishwashing Machine:Isolate supply, disconnect existing, clear away, supply and install new domestic type integrated electric dishwashing machine [PC Sum for supply and delivery to site £400.00 excluding VAT], reconnect electric supply, water supply and waste pipework, electrical test, make good on completion and leave in working order and remove waste and debris.	NO	522.79
	Domestic Type Electric Refrigerator		
8822AA	REFRIGERATOR:RENEW NE 150 LITRE Refrigerator:Disconnect existing, clear away, supply and install new ne 150 litre	NO	303.19

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ITEM	DESCRIPTION	UNIT	RATE
	domestic type electric refrigerator complete [PC Sum for supply and delivery to site £220.00 excluding VAT], reconnect and leave in working order and remove waste and debris.		
8822AB	REFRIGERATOR:RENEW NE 200 LITRE Refrigerator:Disconnect existing, clear away, supply and install new over 150 and ne 200 litre domestic type electric refrigerator complete [PC Sum for supply and delivery to site £250.00 excluding VAT], reconnect and leave in working order and remove waste and debris.	NO	339.79
8822AC	REFRIGERATOR:RENEW NE 300 LITRE Refrigerator:Disconnect existing, clear away, supply and install new over 200 and ne 300 litre domestic type electric refrigerator complete [PC Sum for supply and delivery to site £350.00 excluding VAT], reconnect and leave in working order and remove waste and debris.	NO	461.79
	Domestic Type Electric Deep Freeze		
8823AA	DEEP FREEZE:RENEW 200 LITRE Deep Freeze:Disconnect existing, clear away, supply and install new ne 200 litre domestic type electric deep freeze complete [PC Sum for supply and delivery to site £250.00 excluding VAT], reconnect and leave in working order and remove waste and debris.	NO	339.79
8823AB	DEEP FREEZE:RENEW 350 LITRE Deep Freeze:Disconnect existing, clear away, supply and install new over 200 and ne 350 litre domestic type electric deep freeze complete [PC Sum for supply and delivery to site £450.00 excluding VAT], reconnect and leave in working order and remove waste and debris.	NO	583.79
	Ventilation		
	Fans - Ventilating		
8400AC	FAN:RENEW 2 SPEED WALL OR DUCT FAN Fan:Isolate supply, disconnect, clear away and renew with plastic cased through-wall or ducted fan with two speed motor class 2, double insulated, air operated automatic back draught shutter with fan capable of handling 76 litre/second at high speed and 38 litre/second at low speed, provide wall grille if necessary, remake all necessary connections, reconnect electricity supply, undertake electrical tests and make good all finishes and remove waste and debris.	NO	156.91
8400AD	FAN:RENEW SINGLE SPEED WALL OR DUCT FAN Fan:Isolate supply, disconnect, clear away and renew with plastic cased through-wall or ducted fan with single speed motor class 2, double insulated complete with integral back draught automatic shutter, fan capable of handling min 26 litre/second, provide wall grille if necessary, remake all necessary connections, reconnect electricity supply, undertake electrical tests and make good all finishes and remove waste and debris.	NO	138.02
8400CA	FAN:RENEW TOILET OR BATHROOM FAN Fan:Isolate supply, disconnect, clear away and renew toilet or bathroom fan complete with single speed motor class 2, double insulated, integral timer, back draught shutter if required with fan capable of handling 25 litre/second, remake all necessary connections, reconnect electricity supply, undertake electrical tests and make good all finishes and remove waste and debris.	NO	76.85
	Fans - Condensation Control		
8410AD	FAN:(ENVIROVENT)RENEW 2 SPEED CONDENSATION CONTROL Fan:Isolate/reconnect supply, renew plastic cased through-wall or ducted condensation control fan, 2 speed motor, 61 litre/second high speed 41 litre/	NO	304.39

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ITEM	DESCRIPTION	UNIT	RATE
	second low speed, wall grille, tests, make good.		
8410XA	FAN:INSTALL 2 SPEED CONDENSATION CONTROL Fan:Install plastic cased through-wall or ducted condensation control fan with 2 speed motor, class 2 double insulated, back draught shutter with fan capable of handling 61 litre/second at high speed and 41 litre/second at low speed, install electrical circuit with fused spur outlet and external shutter, connect, test and adjust settings including cutting out through wall provision of sleeve and terminal, making good wall, provide wall grille if necessary, remake all necessary connections, undertake electrical tests and make good all finishes and remove waste and debris.	NO	366.66
8410GA	FAN:RENEW 2 SPEED CONDENSATION CONTROL EWI Fan:Isolate supply, disconnect, clear away and renew with plastic cased through-wall or ducted condensation control fan and ducting to suit external wall insulation systems with 2 speed motor, class 2 double insulated, back draught shutter with fan capable of handling 61 litre/second at high speed and 41 litre/second at low speed, provide wall grille if necessary fixed to structure through external wall insulation system, remake all necessary connections, reconnect electricity supply, undertake electrical tests and make good all finishes, and remove waste and debris.	NO	148.11
8410GB	FAN:RENEW VARIABLE SPEED CONDENSATION CONTROL EWI Fan:Isolate supply, disconnect, clear away and renew with plastic cased through-wall or ducted condensation control fan and ducting to suit external wall insulation systems with variable speed motor class 2 double insulated, back draught shutter, capable of handling 14-22 litre/second at variable speed, 26 litre/second man. boost, provide wall grille if necessary fixed to structure through external wall insulation system, remake all necessary connections, reconnect electricity supply, undertake electrical tests and make good all finishes, and remove waste and debris.	NO	148.11
8410GC	FAN:RENEW VARIABLE SPEED TIMER EWI Fan:Isolate supply, disconnect, clear away and renew with plastic cased through-wall or ducted condensation control fan and ducting to suit external wall insulation systems with variable speed motor and timer, class 2 double insulated, back draught shutter, fan capable of handling 14-22 litre/second at variable speed, 26 litre/second man. boost, provide wall grille if necessary fixed to structure through external wall insulation system, remake all necessary connections, reconnect electricity supply, undertake electrical tests and make good all finishes, and remove waste and debris.	NO	310.74
8410HA	FAN:INSTALL 2 SPEED CONDENSATION CONTROL EWI Fan:Install plastic cased through-wall or ducted condensation control fan and ducting to suit external wall insulation systems with 2 speed motor, class 2 double insulated, back draught shutter with fan capable of handling 61 litre/second at high speed and 41 litre/second at low speed, install electrical circuit with fused spur outlet and external shutter, connect, test and adjust settings including cutting out through wall and external wall insulation system, provision of extended sleeve and terminal and making good wall and finishes, provide wall grille if necessary fixed to structure through external wall insulation system, remake all necessary connections, undertake electrical tests and make good all finishes, and remove waste and debris.	NO	372.49
8410XB	FAN:INSTALL LOW VOLTAGE TRANSFORMER TYPE Fan:Install plastic cased through-wall or ducted low voltage transformer condensation control fan, class 2 double insulated, back draught shutter, install electrical circuit with fused spur outlet and external shutter, connect, test and adjust settings including cutting out through wall, provision of sleeve and terminal, making good wall, provide wall grille if necessary, remake all necessary connections, undertake electrical tests and make good all finishes and remove waste and debris.	NO	271.31

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ITEM	DESCRIPTION	UNIT	RATE
8410XC	FAN:RENEW WITH LOW VOLTAGE TRANSFORMER TYPE Fan:Isolate supply, disconnect, clear away and renew with plastic cased through-wall or ducted low voltage transformer condensation control fan, class 2 double insulated, back draught shutter, provide wall grille if necessary, remake all necessary connections, reconnect electricity supply, undertake electrical tests and make good all finishes and remove waste and debris.	NO	227.64
8410XD	FAN:INSTALL 2 SPEED COND. CONTROL IN WINDOW Fan:Install plastic cased through window condensation control fan with 2 speed motor, class 2 double insulated, back draught shutter with fan capable of handling 61 litre/second at high speed and 41 litre/second at low speed, install electrical circuit with fused spur outlet and external shutter, connect, test and adjust settings including adapting glazing or sealed double glazed unit, provide window grille if necessary, remake all necessary connections, undertake electrical tests and make good all finishes, and remove waste and debris.	NO	356.37
8410ZA	CONDENSATION TRAP:PROVIDE TO VENTILATION DUCT Condensation Trap:Remove length of existing duct casing and insulation ne 1.00m long, cut into 100mm diameter UPVC vertical ventilation duct and insert 100mm diameter tee piece condensation trap with 19mm overflow spigot, joint length of 19mm upvc overflow pipe ne 2.00m long including bends etc. to spigot, provide new 25mm insulation to ventilation pipe, provide new duct casing, make good, and remove waste and debris.	IT	61.95
8400DA	FAN:RENEW 3 SPEED LOW VOLTAGE WALL OR DUCT FAN Fan:Isolate supply, disconnect, clear away and renew with plastic cased through-wall or ducted fan with three speed motor class 2, double insulated, air operated automatic back draught shutter with fan capable of handling 28 litre/second at high speed, 14 litre/second at low speed and 8 litre/second on continuous ventilation, provide wall grille if necessary, remake all necessary connections, reconnect electricity supply, undertake electrical tests and make good all finishes and remove waste and debris.	NO	474.03
8400TA	FAN:RENEW CIRCUIT AND OUTLET Fan:Isolate supply, strip out, clear away and renew fan spur with cable run in mini trunking or rigid PVC conduit chased into wall etc., including fitting of 20 amp fused spur oulet and reconnection of existing fan flex, reconnect electricity supply, undertake electrical tests, provide certificate, make good on completion and remove waste and debris.	NO	104.54
8400TB	FAN:RENEW FLEX CONNECTION Fan:Isolate supply, strip out, clear away and renew 1.00m length of 2.5mm 3 core butyl rubber flex to fan and make all necessary connections to 20 amp fused spur outlet and fan, reconnect electricity supply, undertake electrical tests, provide certificate, make good on completion and remove waste and debris.	NO	19.17
8400TC	FAN:RENEW EXTERNAL COVER GRILLE Fan:Renew external cover grille to any type of domestic extract or condensation control fan, isolate supply, reconnect, test and make good.	NO	11.58
	Low Energy Positive Output Whole House Ventilation		
8411AA	VENT UNIT:INSTALL LOFT VENTILATION Vent Unit:Install approved low energy positive output loft whole house ventilation unit, cut or form opening for diffuser in ceiling, supplied complete with ducting, diffuser and filters, unit to be screwed to and including battens spanning across and screwed to joists, connect unit to and including double pole switched fuse spur, isolate supply, connect to existing ring main with cable run in mini trunking or rigid PVC conduit, reconnect electricity supply, adjust setting, undertake electrical tests and make good on completion and remove waste and debris.	IT	758.93

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ITEM	DESCRIPTION	UNIT	RATE
8411AB	VENT UNIT:INSTALL LOFT VENTILATION WITH HEATER Vent Unit:Install approved low energy positive output loft whole house ventilation unit with heater in loft space of dwelling, cut or form opening for diffuser in ceiling, supplied complete with ducting, diffuser and filters, unit to be screwed to and including battens spanning across and screwed to joists, connect unit to and including double pole switched fuse spur, isolate supply, connect to existing ring main with cable run in mini trunking or rigid PVC conduit, reconnect electricity supply, adjust setting, undertake electrical tests and make good on completion and remove waste and debris.	IT	887.63
8411BA	VENT UNIT:INSTALL WHOLE HOUSE Vent Unit:Install approved low energy positive output whole house ventilation system, cut or form opening in external cavity wall for input grille, cut or form opening in internal wall for discharge grille, install unit, grilles, 100mm ducting, unit plugged and screwed to wall, connect unit to and including double pole switched fuse spur, isolate supply, connect to existing ring main with cable run in mini run in mini trunking or rigid PVC conduit, reconnect electricity supply, adjust setting, undertake electrical tests and make good on completion and remove waste and debris.	IT	946.13
8411BB	VENT UNIT:INSTALL WHOLE HOUSE WITH HEATER Vent Unit:Install approved low energy positive output whole house ventilation system with heater, cut or form opening in external cavity wall for input grille, cut or form opening in internal wall for discharge grille, install unit, grilles, 100mm ducting, unit plugged and screwed to wall, connect unit to and including double pole switched fuse spur, isolate supply, connect to existing ring main with cable run in mini run in mini trunking or rigid PVC conduit, reconnect electricity supply, adjust setting, undertake electrical tests and make good on completion and remove waste and debris. Heat Recovery and Ventilation System	IT	1273.73
8412AA	RECOVERY UNIT:INSTALL ROOM MOUNTED Recovery Unit:Supply and install 'Ductex' HRV room mounted central air handling unit/system Ref 250R or other equal and approved to flat including all rigid plastic and flexible ducting, tees, bends etc., silencers, air valves, grilles and insulation, fixed louvred vent outlets, variable fan speed controls, winter/summer switch, connect unit to and including double pole switched fuse spur, isolate supply, connect to existing consumer unit with cable run in mini trunking or rigid pvc conduit, MCB, reconnect electricity supply, adjust settings, undertake electrical tests, certificate, all builders work, make good all finishes, and remove waste and debris.	NO	1784.25
8412BA	RECOVERY UNIT:INSTALL LOFT MOUNTED Recovery Unit:Supply and install 'Ductex' HRV loft mounted central air handling unit/system Ref 275L or other equal and approved to house or bungalow including all rigid plastic and flexible ducting, tees, bends etc., silencers, air valves, grilles and insulation, fixed louvred vent outlets, variable fan speed controls, winter/summer switch, connect unit to and including double pole switched fuse spur, isolate supply, connect to existing consumer unit with cable run in mini trunking or rigid pvc conduit, MCB, reconnect electricity supply, adjust settings, undertake electrical tests, certificate, all builders work, make good all finishes, and remove waste and debris.	NO	1814.90
8412CA	HEAT RECOVERY UNIT:INSTALL LO-CARBON LP FAN UNIT Heat Recovery Unit:Install plastic cased through-wall Vent Axia Lo Carbon Tempura LP or other equal and approved single room heat recovery unit, installed in accordance with the manufacturer's technical data sheet, install electrical circuit with fused spur outlet and external shutter, connect, test and adjust settings including core drill through wall, including pull cord, sleeve and terminal, making good wall, provide wall grille if necessary, remake all necessary connections,	NO	311.81

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ITEM	DESCRIPTION	UNIT	RATE
	undertake electrical tests and make good all finishes and remove waste and debris.		
8412CB	HEAT RECOVERY UNIT:RENEW WITH SINGLE ROOM TYPE LP Heat Recovery Unit:Isolate supply, disconnect, clear away existing fan and renew with Vent Axia or other equal and approved lo-carbon Tempra LP IPX4 single room heat recovery unit with pullcord, provide terminal grille if necessary, remake all necessary connections, reconnect electricity supply, undertake electrical tests and make good all finishes and remove waste and debris.	NO	240.49
8412CC	HEAT RECOVERY UNIT:INSTALL SINGLE ROOM TYPE LP Fan:Install Vent Axia or other equal and approved lo-carbon Tempra LP IPX4 single room heat recovery unit with pullcord, install electrical circuit with fused spur outlet and external shutter, connect, test and adjust settings including cutting out through wall provision of sleeve, making good wall, provide terminal grille if necessary, remake all necessary connections, undertake electrical tests and make good all finishes and remove waste and debris.	NO	274.98
8412CD	HEAT RECOVERY UNIT:RENEW SINGLE ROOM HTP OR LHTP Heat Recovery Unit:Isolate supply, disconnect, clear away existing fan and renew with Vent Axia or other equal and approved lo-carbon Tempra HTP or LHTP IPX4 single room heat recovery unit with humidistat, timer and pullcord, provide terminal grille if necessary, remake all necessary connections, reconnect electricity supply, undertake electrical tests and make good all finishes and remove waste and debris.	NO	403.26
8412CE	HEAT RECOVERY UNIT:INSTALL SINGLE ROOM HTP OR LHTP Fan:Install Vent Axia or other equal and approved lo-carbon Tempra HTP or LHTP IPX4 single room heat recovery unit with humidistat, timer and pullcord, install electrical circuit with fused spur outlet and external shutter, connect, test and adjust settings including cutting out through wall provision of sleeve, making good wall, provide terminal grille if necessary, remake all necessary connections, undertake electrical tests and make good all finishes and remove waste and debris.	NO	437.75
8412CF	HEAT RECOVERY UNIT:RENEW 200M3/HR Heat Recovery Unit:Renew or supply and install Mechanical Ventilation Heat Recovery unit with a capacity of up to 200m3 per hour, make all necessary connections to existing ductwork and electricity supply, all builders and electrical work, installed in accordance with manufacturers technical data sheet, test and commission on completion, make good, remove waste and debris.	IT	1006.44
8412CG	HEAT RECOVERY UNIT:RENEW 250M3/HR Heat Recovery Unit:Renew or supply and install Mechanical Ventilation Heat Recovery unit with a capacity of up to 250m3 per hour, make all necessary connections to existing ductwork and electricity supply, all builders and electrical work, installed in accordance with manufacturers technical data sheet, test and commission on completion, make good, remove waste and debris.	IT	1097.26
8412CH	HEAT RECOVERY UNIT:RENEW 400M3/HR Heat Recovery Unit:Renew or supply and install Mechanical Ventilation Heat Recovery unit with a capacity of up to 400m3 per hour, make all necessary connections to existing ductwork and electricity supply, all builders and electrical work, installed in accordance with manufacturers technical data sheet, test and commission on completion, make good, remove waste and debris.	IT	1343.73
8413BA	HEAT RECOVERY UNIT:INSTALL CIRCUIT AND OUTLET Heat Recovery Unit:Isolate supply, and install 2.5mm2 twin and earth heat recovery unit spur with cable run in mini trunking or rigid PVC conduit chased into wall etc., including fitting of 20 amp fused spur outlet and connection of unit flex, reconnect electricity supply, undertake electrical tests, provide certificate, make	NO	104.54

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ITEM	DESCRIPTION	UNIT	RATE
	good on completion and remove waste and debris.		
	General Lighting and Power (Small Scale)		
	Final Circuits - Lights		
8545AA	LIGHT:RENEW GROUND FLOOR CIRCUIT 1 WAY Light:Isolate supply, strip out, clear away and renew one-way lighting circuit, including installation of mini trunking or rigid PVC conduit chased into wall etc., switch, pendant or similar to 1 No. ground floor lighting point, reconnect electricity supply, undertake electrical tests, provide certificate, make good on completion and remove waste and debris.	NO	83.47
8545BA	LIGHT:RENEW GROUND FLOOR CIRCUIT 2 WAY Light:Isolate supply, strip out, clear away and renew two-way lighting circuit, including installation of mini trunking or rigid PVC conduit chased into wall etc., switch, pendant or similar to 1 No. ground floor lighting point, reconnect electricity supply, undertake electrical tests, provide certificate, make good on completion and remove waste and debris.	NO	120.51
8545CA	LIGHT:RENEW UPPER FLOOR CIRCUIT 1 WAY Light:Isolate supply, strip out, clear away and renew one-way lighting circuit, including installation of mini trunking or rigid PVC conduit chased into wall etc., switch, pendant or similar to 1 No. upper floor lighting point, reconnect electricity supply, undertake electrical tests, provide certificate, make good on completion and remove waste and debris.	NO	70.26
8545DA	LIGHT:RENEW UPPER FLOOR CIRCUIT 2 WAY Light:Isolate supply, strip out, clear away and renew two-way lighting circuit including installation of mini trunking or rigid PVC conduit making all necessary chasing into wall etc., switched pendant or similar to 1 No. upper floor lighting point, reconnect electricity supply, undertake electrical tests, provide certificate, make good on completion and remove waste and debris.	NO	109.38
8547EA	LIGHT:RENEW HALL/STAIRWAY CIRCUIT 2 WAY Light:Isolate supply, strip out, clear away and renew two-way lighting point to hall/stairway including installation of mini trunking or rigid PVC conduit, chased into wall etc., switches, pendant or similar, reconnect electricity supply, undertake electrical tests, provide certificate, make good on completion and remove waste and debris.	NO	142.84
	Final Circuits - Power		
8550AA	POWER:RENEW RING MAIN GROUND NE 4 NO SOCKETS Power:Isolate supply, strip out, clear away and renew ring main circuit to ground floor of dwelling with ne 4 No. 13 amp double socket outlets including install mini trunking or rigid PVC conduit chased into wall etc., reconnect electricity supply, undertake electrical tests, provide certificate, make good on completion and remove waste and debris.	NO	355.53
8550BA	POWER:RENEW RING MAIN GROUND 4-8 NO SOCKETS Power:Isolate supply, strip out, clear away and renew ring main circuit to ground floor of dwelling with over 4 No. and ne 8 No. 13 amp double socket outlets including install mini trunking/PVC conduit chased into walls etc., reconnect electricity supply, undertake electrical tests, provide certificate, make good on completion and remove waste and debris.	NO	425.56
8550BB	POWER:RENEW RING MAIN GROUND 8-12 NO SOCKETS Power:Isolate supply, strip out, clear away and renew ring main circuit to ground floor of dwelling with over 8 No. and ne 12 No. 13 amp double socket outlets including install mini trunking/PVC conduit chased into walls etc., reconnect electricity supply, undertake electrical tests, provide certificate, make good on	NO	516.08

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ITEM	DESCRIPTION	UNIT	RATE
	completion and remove waste and debris.		
8550BC	POWER:RENEW RING MAIN GROUND 12-16 NO SOCKETS Power:Isolate supply, strip out, clear away and renew ring main circuit to ground floor of dwelling with over 12 No. and ne 16 No. 13 amp double socket outlets including install mini trunking/PVC conduit chased into walls etc., reconnect electricity supply, undertake electrical tests, provide certificate, make good on completion and remove waste and debris.	NO	595.17
8550BD	POWER:RENEW RING MAIN GROUND 16-20 NO SOCKETS Power:Isolate supply, strip out, clear away and renew ring main circuit to ground floor of dwelling with over 16 No. and ne 20 No. 13 amp double socket outlets including install mini trunking/PVC conduit chased into walls etc., reconnect electricity supply, undertake electrical tests, provide certificate, make good on completion and remove waste and debris.	NO	623.00
8550CA	POWER:RENEW UPPER RING MAIN NE 4 NO SOCKETS Power:Isolate supply, strip out, clear away and renew ring main circuit to upper floor of dwelling including installation of mini trunking or rigid PVC conduit chased into wall etc., with ne 4 No. 13 amp double socket outlets, reconnect electric supply, undertake electrical tests, provide certificate, make good on completion and remove waste and debris.	NO	309.53
8550DA	POWER:RENEW UPPER RING MAIN 4-8 NO SOCKETS Power:Isolate supply, strip out, clear away and renew ring main circuit to upper floor of dwelling including installation of mini trunking or rigid PVC conduit chased into wall etc., with over 4 No. ne 8 No. 13 amp double socket outlets, reconnect electricity supply, undertake electrical tests, provide certificate, make good on completion and remove waste and debris.	NO	372.26
8550DB	POWER:RENEW UPPER RING MAIN 8-12 NO SOCKETS Power:Isolate supply, strip out, clear away and renew ring main circuit to upper floor of dwelling including installation of mini trunking or rigid PVC conduit chased into wall etc., with over 8 No. ne 12 No. 13 amp double socket outlets, reconnect electricity supply, undertake electrical tests, provide certificate, make good on completion and remove waste and debris.	NO	481.29
8550DC	POWER:RENEW UPPER RING MAIN 12-16 NO SOCKETS Power:Isolate supply, strip out, clear away and renew ring main circuit to upper floor of dwelling including installation of mini trunking or rigid PVC conduit chased into wall etc., with over 12 No. ne 16 No. 13 amp double socket outlets, reconnect electricity supply, undertake electrical tests, provide certificate, make good on completion and remove waste and debris.	NO	613.77
8550DE	POWER:RENEW UPPER RING MAIN 16-20 NO SOCKETS Power:Isolate supply, strip out, clear away and renew ring main circuit to upper floor of dwelling including installation of mini trunking or rigid PVC conduit chased into wall etc., with over 16 No. ne 20 No. 13 amp double socket outlets, reconnect electricity supply, undertake electrical tests, provide certificate, make good on completion and remove waste and debris.	NO	604.38
8550EA	POWER:RENEW SPUR OUTLET GROUND FLOOR NE 10M Power:Isolate supply, strip out, clear away and renew 13 amp spur outlet to ground floor, connect to existing ring main, with cable run in mini trunking or rigid PVC conduit chased into wall etc., ne 10.00m, make all necessary connections, reconnect electricity supply, undertake electrical tests, provide certificate, make good on completion and remove waste and debris.	NO	98.74
8550EB	POWER:NEW SPUR OUTLET GROUND FLOOR NE 10M Power:Isolate supply, provide new 13 amp spur single socket outlet to ground floor, connect to existing ring main with cable run in mini-trunking or rigid PVC conduit chased into wall etc., ne 10.00m, all builders work in connection etc., make	NO	114.50

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ITEM	DESCRIPTION	UNIT	RATE
	all necessary connections, reconnect electricity supply, undertake electrical tests, provide certificate, make good on completion and remove waste and debris.		
8550FA	POWER:RENEW SPUR OUTLET UPPER FLOOR NE 10M Power:Isolate supply, strip out, clear away and renew 13 amp spur outlet to upper floor, connect to existing ring main, with cable run in mini trunking or rigid PVC conduit chased into wall etc., ne 10m, make all necessary connections, reconnect electricity supply, undertake electrical tests, provide certificate, make good on completion and remove waste and debris.	NO	84.39
8550FB	POWER:NEW SPUR UPPER FLOOR NE 10M Power:Isolate supply, provide new 13 amp spur single socket outlet to upper floor, connect to existing ring main with cable run in mini-trunking or rigid PVC conduit chased into wall etc., ne 10.00m, all builders work in connection etc., make all necessary connections, reconnect electricity supply, undertake electrical tests, provide certificate, make good on completion and remove waste and debris.	NO	94.21
8550GA	POWER:RENEW SOCKET OUTLET-GROUND FLOOR Power:Isolate supply, strip out, clear away and renew 13 amp double socket outlet to ground floor, connect to existing ring main, with cable run in mini trunking or rigid PVC conduit chased into wall etc., ne 10.00m, make all necessary connections, reconnect electricity supply, undertake electrical tests, provide certificate, make good on completion and remove waste and debris.	NO	99.29
8550HA	POWER:RENEW SOCKET OUTLET-UPPER FLOOR Power:Isolate supply, strip out, clear away and renew 13 amp double socket outlet to upper floor, connect to existing ring main, with cable run in mini trunking or rigid PVC conduit chased into wall etc., ne 10.00m, make all necessary connections, reconnect electricity supply, undertake electrical tests, provide certificate, make good on completion and remove waste and debris.	NO	86.53
8550IA	POWER:NEW BOILER OUTLET GROUND NE 10M Power:Isolate supply, provide new 13 amp fused switch spur boiler outlet to ground floor, connect to existing ring main with cable run in mini-trunking or rigid PVC conduit chased into wall ne 10.00m, all builders work in connection etc., make all necessary connections, reconnect electricity supply, undertake electrical tests, provide certificate, make good on completion and remove waste and debris.	NO	97.48
8550JA	POWER:RENEW BOILER OUTLET GROUND NE 10M Power:Isolate supply, strip out, clear away and renew 13 amp fused switched spur outlet to ground floor, connect to existing ring main, with cable run in mini trunking or rigid PVC conduit chased into wall etc., ne 10.00m, make all necessary connections, reconnect electricity supply, undertake electrical tests, provide certificate, make good on completion and remove waste and debris.	NO	85.76
	Rewiring to Dwellings		
8552AA	DWELLING:REWIRE COMPLETE 1 BED FLAT Dwelling:Rewire power, lighting, fan and smoke detector installations complete to 1 bed flat all in accordance with Client's Specification from new meter onwards including installing all ceiling pendants, switches, double switched socket outlets, 2 way switching, extractor fans with fused spurs, cooker point, fused spurs and connections for appliances, consumer unit and RCD, earth bonding and protection to latest IET regulations, new meter tails, disconnecting, setting aside and refixing equipment for convenience of other trades, mini trunking etc, make good all works disturbed, electrical tests, provide certificate and remove waste and debris.	IT	2457.79
8552AB	DWELLING:REWIRE COMPLETE 2 BED FLAT Dwelling:Rewire power, lighting, fan and smoke detector installations complete to 2 bed flat all in accordance with Client's Specification from new meter onwards including installing all ceiling pendants, switches, double switched socket outlets, 2 way switching, extractor fans with fused spurs, cooker point, fused spurs and	IT	2530.70

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ITEM	DESCRIPTION	UNIT	RATE
	connections for appliances, consumer unit and RCD, earth bonding and protection to latest IET regulations, new meter tails, disconnecting, setting aside and refixing equipment for convenience of other trades, mini trunking etc, make good all works disturbed, electrical tests, provide certificate and remove waste and debris.		
8552AC	DWELLING:REWIRE COMPLETE 3 BED FLAT Dwelling:Rewire power, lighting, fan and smoke detector installations complete to 3 bed flat all in accordance with Client's Specification from new meter onwards including installing all ceiling pendants, switches, double switched socket outlets, 2 way switching, extractor fans with fused spurs, cooker point, fused spurs and connections for appliances, consumer unit and RCD, earth bonding and protection to latest IET regulations, new meter tails, disconnecting, setting aside and refixing equipment for convenience of other trades, mini trunking etc, make good all works disturbed, electrical tests, provide certificate and remove waste and debris.	IT	2815.78
8552AE	DWELLING:REWIRE COMPLETE 4 BED FLAT Dwelling:Rewire power, lighting, fan and smoke detector installations complete to 4 bed flat all in accordance with Client's Specification from new meter onwards including installing all ceiling pendants, switches, double switched socket outlets, 2 way switching, extractor fans with fused spurs, cooker point, fused spurs and connections for appliances, consumer unit and RCD, earth bonding and protection to latest IET regulations, new meter tails, disconnecting, setting aside and refixing equipment for convenience of other trades, mini trunking etc, make good all works disturbed, electrical tests, provide certificate and remove waste and debris.	IT	3045.62
8552AF	DWELLING:REWIRE COMPLETE 5 BED FLAT Dwelling:Rewire power, lighting, fan and smoke detector installations complete to 5 bed flat all in accordance with Client's Specification from new meter onwards including installing all ceiling pendants, switches, double switched socket outlets, 2 way switching, extractor fans with fused spurs, cooker point, fused spurs and connections for appliances, consumer unit and RCD, earth bonding and protection to latest IET regulations, new meter tails, disconnecting, setting aside and refixing equipment for convenience of other trades, mini trunking etc, make good all works disturbed, electrical tests, provide certificate and remove waste and debris.	IT	3218.03
8552AD	DWELLING:REWIRE COMPLETE BEDSIT FLAT Dwelling:Rewire power, lighting, fan and smoke detector installations complete to bedsit flat all in accordance with Client's Specification from new meter onwards including installing all ceiling pendants, switches, double switched socket outlets, 2 way switching, extractor fans with fused spurs, cooker point, fused spurs and connections for appliances, consumer unit and RCD, earth bonding and protection to latest IET regulations, new meter tails, disconnecting, setting aside and refixing equipment for convenience of other trades, mini trunking etc, make good all works disturbed, electrical tests, provide certificate and remove waste and debris.	IT	2192.91
8552BA	DWELLING:REWIRE COMPLETE 1 BED BUNG Dwelling:Rewire power, lighting, fan and smoke detector installations complete to 1 bed bungalow all in accordance with Client's Specification from new meter onwards including installing all ceiling pendants, switches, double switched socket outlets, 2 way switching, extractor fans with fused spurs, cooker point, fused spurs and connections for appliances, consumer unit and RCD, earth bonding and protection to latest IET regulations, new meter tails, disconnecting, setting aside and refixing equipment for convenience of other trades, mini trunking etc, make good all works disturbed, electrical tests, provide certificate and remove waste and debris.	IT	2457.79
8552BB	DWELLING:REWIRE COMPLETE 2 BED BUNG Dwelling:Rewire power, lighting, fan and smoke detector installations complete to 2 bed bungalow all in accordance with Client's Specification from new meter onwards including installing all ceiling pendants, switches, double switched socket outlets, 2 way switching, extractor fans with fused spurs, cooker point, fused spurs and connections for appliances, consumer unit and RCD, earth bonding and protection to latest IET regulations, new meter tails, disconnecting, setting aside	IT	2530.70

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ITEM	DESCRIPTION	UNIT	RATE
	and refixing equipment for convenience of other trades, mini trunking etc, make good all works disturbed, electrical tests, provide certificate and remove waste and debris.		
8552CA	DWELLING:REWIRE COMPLETE 1 BED HOUSE Dwelling:Rewire power, lighting, fan and smoke detector installations complete to 1 bed house/maisonette all in accordance with Client's Specification from new meter onwards including installing all ceiling pendants, switches, double switched socket outlets, 2 way switching, extractor fans with fused spurs, cooker point, fused spurs and connections for appliances, consumer unit and RCD, earth bonding and protection to latest IET regulations, new meter tails, disconnecting, setting aside and refixing equipment for convenience of other trades, mini trunking etc, make good all works disturbed, electrical tests, provide certificate and remove waste and debris.	IT	2824.50
8552CB	DWELLING:REWIRE COMPLETE 2 BED HOUSE Dwelling:Rewire power, lighting, fan and smoke detector installations complete to 2 bed house/maisonette all in accordance with Client's Specification from new meter onwards including installing all ceiling pendants, switches, double switched socket outlets, 2 way switching, extractor fans with fused spurs, cooker point, fused spurs and connections for appliances, consumer unit and RCD, earth bonding and protection to latest IET regulations, new meter tails, disconnecting, setting aside and refixing equipment for convenience of other trades, mini trunking etc, make good all works disturbed, electrical tests, provide certificate and remove waste and debris.	IT	2920.04
8552CC	DWELLING:REWIRE COMPLETE 3 BED HOUSE Dwelling:Rewire power, lighting, fan and smoke detector installations complete to 3 bed house/maisonette all in accordance with Client's Specification from new meter onwards including installing all ceiling pendants, switches, double switched socket outlets, 2 way switching, extractor fans with fused spurs, cooker point, fused spurs and connections for appliances, consumer unit and RCD, earth bonding and protection to latest IET regulations, new meter tails, disconnecting, setting aside and refixing equipment for convenience of other trades, mini trunking etc, make good all works disturbed, electrical tests, provide certificate and remove waste and debris.	IT	3209.74
8552CD	DWELLING:REWIRE COMPLETE 4 BED HOUSE Dwelling:Rewire power, lighting, fan and smoke detector installations complete to 4 bed house/maisonette all in accordance with Client's Specification from new meter onwards including installing all ceiling pendants, switches, double switched socket outlets, 2 way switching, extractor fans with fused spurs, cooker point, fused spurs and connections for appliances, consumer unit and RCD, earth bonding and protection to latest IET regulations, new meter tails, disconnecting, setting aside and refixing equipment for convenience of other trades, mini trunking etc, make good all works disturbed, electrical tests, provide certificate and remove waste and debris.	IT	3593.15
8552CE	DWELLING:REWIRE COMPLETE 5 BED HOUSE Dwelling:Rewire power, lighting, fan and smoke detector installations complete to 5 bed house/maisonette all in accordance with Client's Specification from new meter onwards including installing all ceiling pendants, switches, double switched socket outlets, 2 way switching, extractor fans with fused spurs, cooker point, fused spurs and connections for appliances, consumer unit and RCD, earth bonding and protection to latest IET regulations, new meter tails, disconnecting, setting aside and refixing equipment for convenience of other trades, mini trunking etc, make good all works disturbed, electrical tests, provide certificate and remove waste and debris.	IT	3999.57
8552CF	DWELLING:REWIRE COMPLETE 6 BED HOUSE Dwelling:Rewire power, lighting, fan and smoke detector installations complete to 6 and 6 plus bed house/maisonette all in accordance with Client's Specification from	IT	4238.96

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ITEM	DESCRIPTION	UNIT	RATE
	new meter onwards including installing all ceiling pendants, switches, double switched socket outlets, 2 way switching, extractor fans with fused spurs, cooker point, fused spurs and connections for appliances, consumer unit and RCD, earth bonding and protection to latest IET regulations, new meter tails, disconnecting, setting aside and refixing equipment for convenience of other trades, mini trunking etc, make good all works disturbed, electrical tests, provide certificate and remove waste and debris.		
8552XC	COMMUNAL ROOM:REWIRE COMPLETE Communal Room:Rewire power, lighting, fan and smoke detector installations complete to communal room all in accordance with Client's Specification from new meter onwards including installing all ceiling pendants, switches, double switched socket outlets, 2 way switching, fused spurs and connections for appliances, earth bonding and protection to latest IET regulations, new meter tails, disconnecting, setting aside and refixing equipment for convenience of other trades, mini trunking etc, make good all works disturbed, electrical tests, provide certificate and remove waste and debris.	IT	1040.00
8553AA	DWELLING:REPOSITION ELECTRIC METER Dwelling:Repostion electric meter to new external meter position, attend upon local Electricity Company and pay all charges levied by Electricity Company.	IT	227.84
8553AB	REWIRE:INSTALL NEW 8.7KW SHOWER Shower:Supply and install new Mira 8.7kW shower unit complete with fittings, soap dish, adjustable pole and adjustable spray handset, including plugging walls as necessary, connect to water supply including all adjustments to pipework as necessary, wire in 1000 volt PVC insulated twin and earth cables in PVC mini-trunking 45A double pole ceiling switch, provide MCB and RCCB of 30m/A tripping protection at CCU, earth bonding to IET regulations, fill, test and adjust and make good all works disturbed, electrical test and certificate, remove waste and debris.	IT	632.68
	Final Circuits		
	Consumer Control Units etc.		
8555CA	CCU:INSTALL ANY SIZE RCD NEW METER TAILS CCU:Isolate supply, remove existing mains switch and supply and fit new any size residual current device to existing consumer unit including new meter tails, reconnect electricity supply, undertake electrical tests, test operation of residual current device and make good on completion and remove waste and debris.	NO	75.65
8555CB	CCU:INSTALL ANY SIZE RCD CCU:Isolate supply and supply and fit any size RCD to existing consumer unit, reconnect supply, undertake electrical tests and test operation of RCD and make good on completion and remove waste and debris.	NO	59.79
8555MT	CCU:INSTALL NEW METER TAILS CCU:Isolate supply, install new meter tails ne 1.00m in lengths, reconnect electricity supply, undertake electrical tests, test operation of residual current device and make good on completion and remove waste and debris.	IT	26.39
8555DA	CCU:RENEW MOUNTING BOARD CCU:Isolate supply and disconnect all switchgear and sub-circuits, liaise with Local Electricity Company to disconnect supply, renew and securely fix new backboard, reconnect switch-gear and sub-circuits and modify bonding, reconnect electricity supply, electrical tests, test operation of residual current device, provide certificate, make good on completion and remove waste and debris.	NO	80.20
8555DB	CCU:MODIFY BACKBOARD CCU:Modify backboard to accept new cables, cut hole through brick or block wall to accommodate new cables, make good on completion and remove waste and debris.	NO	37.71

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ITEM	DESCRIPTION	UNIT	RATE
8555EA	CONSUMER UNIT:REPOSITION Consumer Unit:Disconnect, remove and reposition any consumer unit to suit wheelchair access and reconnect, test and make good and remove waste and debris.	IT	58.11
8555FA	CCU:RENEW ANY SIZE MCB CCU:Isolate supply and renew any size mini-circuit breaker, remove defective or unsuitable mini-circuit breaker, fit new, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	12.45
8555FC	CCU:RENEW HRC FUSE CCU:Isolate supply and renew any high rupturing capacity fuse, reconnect electricity supply, undertake electrical tests, make good on completion and remove waste and debris.	NO	9.81
8555GA	CCU:RENEW OR INSTALL 100AMP DP ISOLATOR CCU:Isolate supply and install or renew 100 amp double pole isolator, remove defective or unsuitable isolator to consumer unit, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	27.59
8555HA	CCU:RENEW OR INSTALL 100AMP DP ISOLATOR SWITCH CCU:Isolate supply and install or renew 100 amp fused double pole isolator, switch and moulded mounting box, remove defective or unsuitable isolator switch, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	32.99
8555HB	CCU:RENEW OR INSTALL 100AMP SERVICE CONNECTION BOX CCU:Isolate supply and install or renew 100 amp service connection box, remove defective or unsuitable service connection box, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	26.74
8555HC	CCU:INSTALL RCBO CCU:Isolate supply and supply and fit any size RCBO to existing consumer unit to protect designated circuits, reconnect supply, undertake electrical tests, test operation of RCBO, make good on completion and remove waste and debris.	NO	55.94
8555JA	SWITCHGEAR:RENEW 100 AMP ON/OFF Switchgear:Isolate supply, disconnect and clear away and renew or supply and install new 100amp on/off isolator switch (not integral to CCU), fix securely to backboard, make all necessary connections to existing cables, reconnect electricity supply, undertake electrical tests, provide certificate, make good on completion and remove waste and debris.	NO	120.20
	Metalclad Consumer Control Units		
8556GA	CCU:RENEW 1 WAY METAL CLAD UNIT CCU:Isolate supply, disconnect, clear away and renew with or supply and install one way metal clad insulated consumer control unit to current IET Regulations with either RCBO or MCB and RCD protection, 100 amp double pole isolator switch, blank covers on spare ways, remove old unit, fix new unit, make all necessary connections to existing cables, reconnect electricity supply, undertake electrical tests, provide certificate, make good on completion and remove waste and debris.	NO	138.82
8556GC	CCU:RENEW 2 WAY METAL CLAD UNIT CCU:Isolate supply, disconnect, clear away and renew with or supply and install two way metal clad insulated consumer control unit to current IET Regulations with either RCBO or MCB and dual RCD protection, 100 amp double pole isolator switch, blank covers on spare ways, remove old unit, fix new unit, make all necessary connections to existing cables, reconnect electricity supply, undertake electrical tests, provide certificate, make good on completion and remove waste	NO	146.45

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ITEM	DESCRIPTION	UNIT	RATE
	and debris.		
8556GG	CCU:RENEW NE 4 WAY METAL CLAD UNIT CCU:Isolate supply, disconnect, clear away and renew with or supply and install over two way and ne four way metal clad insulated consumer control unit to current IET Regulations with either RCBO or MCB and dual RCD protection, 100 amp double pole isolator switch, blank covers on spare ways, remove old unit, fix new unit, make all necessary connections to existing cables, reconnect electricity supply, undertake electrical tests, provide certificate, make good on completion and remove waste and debris.	NO	211.80
8556GH	CCU:RENEW NE 6 WAY METAL CLAD UNIT CCU:Isolate supply, disconnect, clear away and renew with or supply and install over four way and ne six way metal clad insulated consumer control unit to current IET Regulations with either RCBO or MCB and dual RCD protection, 100 amp double pole isolator switch, blank covers on spare ways, remove old unit, fix new unit, make all necessary connections to existing cables, reconnect electricity supply, undertake electrical tests, provide certificate, make good on completion and remove waste and debris.	NO	253.11
8556GJ	CCU:RENEW 7-12 WAY MOULDED METALCLAD FIXED BUSBAR CCU:Isolate supply, disconnect, clear away and renew with or supply and install any seven to twelve-way moulded metalclad insulated high integrity complete with fixed busbar consumer control unit to current IET Regulations with appropriately sized RCBO or MCB's and RCD protection, 100 amp double pole isolator switch, blank covers on spare ways, remove old unit, fix new unit, make all necessary connections to existing cables, reconnect electricity supply, undertake electrical tests, provide certificate, make good on completion and remove waste and debris.	NO	430.04
8556GK	CCU:REN 10 WAY MOULDED METALCLAD FIXED BUSBAR UNIT CCU:Isolate supply, disconnect, clear away and renew with or supply and install any type ten-way moulded metalclad insulated high integrity complete with fixed busbar consumer control unit with appropriately sized RCBO or MCB's and RCD protection 100 amp double pole isolator switch, blank covers on spare ways, remove old unit, fix new unit, make all necessary connections to existing cables, reconnect electricity supply, undertake electrical tests, provide certificate, make good on completion and remove waste and debris.	NO	392.12
8556GL	CCU:REN 11-14 WAY MOULDED METACLAD FIXED BUSBAR CCU:Isolate supply, disconnect, clear away and renew or supply and install new eleven to fourteen-way moulded metalclad insulated high integrity complete with fixed busbar consumer control unit appropriately sized RCBO or MCB's and RCD protection, 100 amp double pole switch, blank covers on spare ways, remove old unit, fix new unit, make all necessary connections to existing cables, reconnect electricity supply, undertake electrical tests, provide certificate, make good on completion and remove waste and debris.	NO	530.11
8556GM	CCU:REN 15 WAY MOULDED METALCLAD FIXED BUSBAR UNIT CCU:Isolate supply, disconnect, clear away and renew with or supply and install any type fifteen-way moulded metalclad insulated high integrity complete with fixed busbar consumer control unit with appropriately sized RCBO or MCB's and RCD protection 100 amp double pole isolator switch, blank covers on spare ways, remove old unit, fix new unit, make all necessary connections to existing cables, reconnect electricity supply, undertake electrical tests, provide certificate, make good on completion and remove waste and debris.	NO	519.44
8556GN	CCU:REN 11/6-DUAL TARRIFF METACLAD FIXED BUSBAR CCU:Isolate supply, disconnect, clear away and renew or supply and install new eleven way/6 way dual tarriff moulded metalclad insulated high integrity complete with fixed busbar consumer control unit appropriately sized RCBO or MCB's and RCD protection, 100 amp double pole switch, blank covers on spare ways, remove old unit, fix new unit, make all necessary connections to existing cables, reconnect	NO	615.40

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ITEM	DESCRIPTION	UNIT	RATE
	electricity supply, undertake electrical tests, provide certificate, make good on completion and remove waste and debris.		
8556GE	CCU:RENEW 7-12 WAY METAL CLAD UNIT CCU:Isolate supply, disconnect, clear away and renew with or supply and install any seven to twelve-way metal clad insulated consumer control unit to current IET Regulations with either RCBO or MCB and dual RCD protection, 100 amp double pole isolator switch, blank covers on spare ways, remove old unit, fix new unit, make all necessary connections to existing cables, reconnect electricity supply, undertake electrical tests, provide certificate, make good on completion and remove waste and debris.	NO	288.20
8556GF	CCU:RENEW NE10 WAY METAL CLAD SPLIT LOAD UNIT CCU:Isolate supply, disconnect, clear away and renew with or supply and install any type ne ten-way metal clad insulated split load consumer control unit with either RCBO or MCB and dual RCD protection 100 amp double pole isolator switch, blank covers on spare ways, remove old unit, fix new unit, make all necessary connections to existing cables, reconnect electricity supply, undertake electrical tests, provide certificate, make good on completion and remove waste and debris.	NO	280.69
8556GB	CCU:RENEW 11-14 WAY METAL CLAD SPLIT LOAD UNIT CCU:Isolate supply, disconnect, clear away and renew or supply and install new eleven to fourteen-way metalclad insulated split load consumer control unit with RCBO or MCB and dual RCD protection, 100 amp double pole switch, blank covers on spare ways, remove old unit, fix new unit, make all necessary connections to existing cables, reconnect electricity supply, undertake electrical tests, provide certificate, make good on completion and remove waste and debris.	NO	363.21
8556AJ	CCU:RENEW 16 WAY METACLAD SPLIT LOAD UNIT CCU:Isolate supply, disconnect, clear away and renew or supply and install new 16-way metalclad insulated split load consumer control unit with MCB's and RCD protection, or RCBO protection, 100 amp double pole switch, blank covers on spare ways, remove old unit, fix new unit, make all necessary connections to existing cables, reconnect electricity supply, undertake electrical tests, provide certificate, make good on completion, and remove waste and debris.	NO	379.48
8556AK	CCU:RENEW 21 WAY METACLAD SPLIT LOAD UNIT CCU:Isolate supply, disconnect, clear away and renew or supply and install new 21-way metalclad insulated split load consumer control unit with MCB's and RCD protection, or RCBO protection, 100 amp double pole switch, blank covers on spare ways, remove old unit, fix new unit, make all necessary connections to existing cables, reconnect electricity supply, undertake electrical tests, provide certificate, make good on completion, and remove waste and debris.	NO	473.39
	Luminaires		
	Luminaires - Pendants and Lampholders		
8561AB	LIGHT:RENEW FLEX LAMPHOLDER ROSE Light:Isolate supply, disconnect, clear away and renew TRS cord pendant flex, moulded plastic lampholder with HO skirt or low energy multipin light fitting and ceiling rose with holding joint ring, reconnect to existing cables, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	16.06
8561BA	LIGHT:RENEW BATTEN HOLDER Light:Isolate supply, disconnect, clear away existing and renew plastic batten lampholder, connect to existing cables, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	11.62

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ITEM	DESCRIPTION	UNIT	RATE
	Luminaries - Internal		
	Sealed Light Units		
8566XA	BATHROOM LIGHT FITTING:RENEW WITH SEALED UNIT Bathroom Light Fitting:Isolate supply, disconnect, clear away and renew existing with or install sealed bathroom light fitting complete with lamp and diffuser, connect to existing cables, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	56.89
8566XB	LIGHT FITTING:REMOVE AND REFIX ANY INTERNAL TYPE Light Fitting:Isolate supply, remove and securely refix and reconnect any type of domestic or non-communal light fitting including all tests and make good on completion and remove waste and debris.	NO	14.94
	Light Fittings		
8571AA	COMMUNAL LIGHTING:RENEW 18W LED FITTING Light Fitting:Renew or supply and install new IP65 18W LED lighting unit including isolate/reconnect supply, plugged and screwed to structure, including all connections, wiring, builders work, test and make good on completion, and remove waste and debris.	NO	87.92
8571AB	COMMUNAL LIGHTING:RENEW 18W LED FITTING AND SENSOR Light fitting:Renew or supply and install new IP65 18W LED lighting unit with built in microwave sensor including isolate/reconnect supply, plugged and screwed to structure, including all connections, wiring, builders work, test and make good on completion, and remove waste and debris.	NO	86.94
8571AC	COMMUNAL LIGHTING:FIT 15W LED FITTING Communal Lighting:Isolate supply, disconnect and clear away existing, and renew or supply and install 15W LED light fitting complete, with click rose and backbox to stairwells and corridors, plugged and screwed to structure, including making all connections and LSF wiring (allow 20 metres of cabling and containment per fitting), test and make good on completion, and remove waste and debris.	NO	256.02
8571AD	COMMUNAL LIGHTING:FIT NE 35W LED FITTING Communal Lighting:Isolate supply, disconnect and clear away existing, and renew or supply and install over 15W and ne 35W LED light fitting complete, with click rose and backbox to stairwells and corridors, plugged and screwed to structure, including making all connections and LSF wiring (allow 20 metres of cabling and containment per fitting), test and make good on completion, and remove waste and debris.	NO	266.63
8571AE	COMMUNAL LIGHTING:RENEW 15W LED FITTING Communal Lighting:Isolate supply, disconnect and clear away existing, and renew or supply and install 15W LED light fitting complete, with click rose and backbox to stairwells and corridors, plugged and screwed to structure, including making all connections, test and make good on completion, and remove waste and debris.	NO	61.63
8571AF	COMMUNAL LIGHTING:RENEW NE 35W LED FITTING Communal Lighting:Isolate supply, disconnect and clear away existing, and renew or supply and install over 15W and ne 35W LED light fitting complete, with click rose and backbox to stairwells and corridors, plugged and screwed to structure, including making all connections and LSF wiring, test and make good on completion, and remove waste and debris.	NO	72.24
8571CD	LIGHT FITTING:RENEW LED IP44 FITTING AND SENSOR Light Fitting:Renew or supply and install new IP44 LED lighting unit with built in microwave sensor, isolate/reconnect supply, fixed to structure, connections, low smoke and fume wiring, builders work, test, make good.	IT	78.53

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ITEM	DESCRIPTION	UNIT	RATE
	Luminaries - External		
	Bulkhead - Fittings		
8567AB	LIGHT FITTING:REMOVE AND REFIX ANY EXTERNAL TYPE Light Fitting:Isolate supply, remove and securely refix and reconnect any type of communal or external light fitting including all tests and make good on completion, and remove waste and debris.	NO	20.29
8566AA	LIGHT FITTING:RENEW 2X8W BULKHEAD TYPE Light Fitting:Isolate supply, disconnect, clear away and renew bulkhead light fitting with metal alloy clad body, polycarbonate light diffuser with screw fittings and twin 300mm 8 watt fluorescent lamps, connect to existing cables, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	38.91
8566AB	LIGHT FITTING:RENEW 16W LV BULKHEAD TYPE Light Fitting:Isolate supply, disconnect, clear away and renew bulkhead light fitting with metal alloy clad body, polycarbonate diffuser with screw fitting and 16 watt 2D lamp, connect to existing cables, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	46.31
8566AC	LIGHT FITTING:RENEW 28W LV BULKHEAD TYPE Light Fitting:Isolate supply, disconnect, clear away and renew bulkhead light fitting with metal alloy clad body, polycarbonate diffuser with screw fitting and 28 watt 2D lamp, connect to existing cables, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	60.68
	Fluorescent - Fittings		
8581AA	LIGHT FITTING:RENEW SINGLE FLUORESCENT WITH TUBE Light Fitting:Isolate supply, take down clear away and renew any size fluorescent single tube fitting, including tube, connect to existing cables, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	37.99
8581AB	LIGHT FITTING:RENEW DOUBLE FLUORESCENT WITH TUBES Light Fitting:Isolate supply, take down, clear away and renew any size fluorescent double tube fitting including tubes, connect to existing cables, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	50.38
8581AC	LIGHT FITTING:RENEW SINGLE LED FLUORESCENT + TUBE Light Fitting:Isolate supply, take down clear away and renew any size LED single tube batten fitting, including tube and polycarbonate diffuser, connect to existing cables, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	51.87
8581AD	LIGHT FITTING:RENEW DOUBLE LED FLUORESCENT + TUBES Light Fitting:Isolate supply, take down clear away and renew any size LED double tube batten fitting, including tube and polycarbonate diffuser, connect to existing cables, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	51.49
8582AA	LIGHT FITTING:RENEW LED PANEL 600MM X 600MM NE 50W Light Fitting:Renew or supply and install 600mm x 600mm ne 50w LED panel light within a suspended ceiling supply including isolating supply, take down clear away any existing panels or light fittings, connect to existing cables, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	54.67

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ITEM	DESCRIPTION	UNIT	RATE
8581AE	LIGHT:RENEW DBL FLUORESCENT FITTING WITH DIFFUSER Light:Isolate supply, take down, clear away and renew any size fluorescent double tube fitting including twin 70 watt low energy high frequency tubes, polycarbonate diffuser, connect to existing cables, reconnect electricity supply, undertake electrical tests and make good on completion, and remove waste and debris.	NO	74.13
	Fluorescent - Low Energy Lamps		
8591AA	LAMP:RENEW WITH NE 5 WATT GU4/GU5.3/GU10 LED Lamp:Renew or supply and fix new GU4 (MR11), GU5.3 (MR16) or GU10 LED lamp to existing light fitting and remove waste and debris.	NO	8.02
8591AB	LAMP:RENEW WITH NE 5 WATT CANDLE OR BALL LED Lamp:Renew or supply and fix new any type of candle or golf ball LED lamp ne 5 watts to existing light fitting and remove waste and debris.	NO	6.26
	Accessories		
	Accessories - Generally		
8605AA	SWITCH OR OUTLET:REMOVE AND REFIX Switch or Outlet:Isolate supply, remove any type of switch, outlet and the like including any box, securely refix loose box, prepare cable ends and make all necessary connections and refix switch/outlet etc., reconnect electric supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	11.32
8605AB	SWITCH OR OUTLET:FIX BLANK PLATE Switch or Outlet:Isolate supply and remove any switch outlet etc., terminate cable ends and supply and fix plastic blank plate cover to switch/outlet box reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	9.89
8605AC	SWITCH OR OUTLET:DRY LINING BOX Switch or Outlet:Isolate supply, remove and set aside disconnect, clear away and renew plastic single or double flush box to suit dry lining installations, remove and refit plate, remake all necessary connections, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	17.89
	Accessories - Light Switches		
8610AA	SWITCH:RENEW 5 AMP NE 3 GANG PLATE Switch:Isolate supply, disconnect, clear away and renew 5 amp ne 3 gang single pole moulded plastic plate switch, remake all necessary connections, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	9.46
8610AB	SWITCH:RENEW 5AMP NE 3 GANG 2 WAY PLATE Switch:Isolate supply, disconnect, clear away and renew 5 amp ne 3 gang, 2 way single pole moulded plastic plate switch, remake all necessary connections, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	15.44
8610BA	SWITCH:RENEW 5AMP NE 3 GANG PLATE AND BOX Switch:Isolate supply, disconnect, clear away and renew 5 amp ne 3 gang single pole moulded plastic plate switch and galvanised steel or plastic plaster depth box, plug wall as necessary, remake all necessary connections, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	19.37

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ITEM	DESCRIPTION	UNIT	RATE
8610BB	SWITCH:RENEW 5AMP NE 3 GANG 2 WAY PLATE AND BOX Switch:Isolate supply, disconnect, clear away and renew 5 amp ne 3 gang, 2 way single pole moulded plastic plate switch and galvanised steel or plastic plaster depth, box, plug wall as necessary, remake all necessary connections, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	24.68
8610CA	SWITCH:RENEW CEILING PULL SWITCH Switch:Isolate supply, disconnect, clear away and renew 5 amp one-way or two-way single pole surface pattern moulded plastic ceiling pull switch with matching break joint ring and make all necessary connections to existing cables, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	18.92
8610DA	SWITCH:REPLACE WITH WIDE ROCKER Switch:Replace any switch plate with wide rocker switch plate including make all connections and electrical tests and remove waste and debris.	NO	12.62
8610DB	SWITCH:LOWER ANY SWITCH Switch:Lower height of any existing switch plate with wiring run in plastic mini trunking including blanking plate to existing switch and new surface mounted switch plate and box, make all connections, electrical tests and make good finishes and remove waste and debris.	IT	50.05
	Accessories - Socket Outlets		
8615AA	SOCKET:RENEW 13A SINGLE PLATE Socket:Isolate supply, disconnect, clear away and renew 13 amp single moulded plastic switch socket outlet plate, remake all necessary connections, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	13.69
8615AB	SOCKET:RENEW 13A DOUBLE PLATE Socket:Isolate supply, disconnect, clear away and renew 13 amp double moulded plastic switch socket outlet plate, remake all necessary connections, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	15.99
8615BA	SOCKET:RENEW SINGLE OUTLET PLATE AND BOX Socket:Isolate supply, disconnect, clear away and renew 13 amp single moulded plastic switch socket outlet and galvanised steel flush box, including plugging to walls as necessary, remake all necessary connections, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	23.61
8615BB	SOCKET:RENEW DOUBLE OUTLET PLATE AND BOX Socket:Isolate supply, disconnect, clear away and renew 13 amp double moulded plastic switch socket outlet and galvanised steel flush box including plugging walls as necessary, remake all necessary connections, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	34.60
8615CA	SOCKET:RENEW 13A RCD OUTLET Socket:Isolate supply, disconnect, clear away and renew 13 amp single moulded plastic switch socket outlet, integral RCD, 30mA sensitivity and galvanised steel flush box, plug walls as necessary, remake all necessary connections, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	54.89
8615DA	SOCKET:INSTALL SINGLE 13A OUTLET PLATE AND BOX Socket:Supply and fix 13 amp single moulded plastic switch socket outlet and moulded plastic surface mounted box, including plugging to walls as necessary,	NO	23.47

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ITEM	DESCRIPTION	UNIT	RATE
	make all necessary connections to cables, undertake electrical tests and make good on completion and remove waste and debris.		
8615DB	SOCKET:INSTALL 13A DOUBLE OUTLET PLATE AND BOX Socket:Supply and fix 13 amp double moulded plastic switch socket outlet and moulded plastic surface mounted box, including plugging to walls as necessary, make all necessary connections to cables, undertake electrical tests and make good on completion and remove waste and debris.	NO	35.30
8615DC	SOCKET:RENEW SINGLE UNSWITCHED OUTLET PLATE + BOX Socket:Isolate supply, disconnect, clear away and renew 13 amp single moulded plastic unswitched socket outlet and galvanised steel flush box, including plugging to walls as necessary, remake all necessary connections, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	28.84
8615BC	SOCKET:UPGRADE SGL TO DBL 13A OUTLET PLATE AND BOX Socket:Isolate supply, disconnect, clear away and renew single socket with 13 amp double moulded plastic switch socket outlet and galvanised steel flush box including cutting away, plugging walls as necessary, remake all necessary connections, reconnect electricity supply, undertake electrical tests and make good on completion, and remove waste and debris.	NO	45.56
9220EA	SOCKET:CHANGE HEIGHT-MINI TRUNK OR KIT Socket:Change height of any existing single or double socket outlet, ne 1.5m with wiring run in plastic mini trunking including all fittings and switched single or double outlets or proprietary extended plug kit including fix to wall, make all connections, electrical tests and make good finishes and remove waste and debris.	IT	56.29
	Accessories - DP Switches		
8620AA	SWITCH:RENEW 20A DP SWITCH Switch:Isolate supply, disconnect, clear away and renew 20 amp moulded plastic double pole switch and moulded plastic mounting box, including plugging to walls as necessary, remake all necessary connections, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	22.22
8620BA	SWITCH:RENEW NE 20A DP CEILING SWITCH Switch:Isolate supply, disconnect, clear away and renew ne 20 amp moulded plastic double pole ceiling pull cord switch complete with neon indicator and moulded plastic mounting box, remake all necessary connections, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	27.80
8620BB	SWITCH:RENEW 15A/45A DP CEILING SWITCH Switch:Isolate supply, disconnect, clear away and renew 15/45 amp moulded plastic double pole ceiling pull cord switch complete with neon indicator and moulded plastic mounting box, remake all necessary connections, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	31.13
8620BC	SWITCH:RENEW 20A DP SWITCH WITH NEON Switch:Isolate supply, disconnect, clear away and renew 20 amp moulded plastic double pole switch with neon indicator and moulded plastic mounting box, including plugging to walls as necessary, remake all necessary connections, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	22.39
8620BD	SWITCH:RENEW 20A DP SWITCH WITH NEON AND MARKING Switch:Isolate supply, disconnect, clear away and renew 20 amp moulded plastic double pole switch with neon indicator and moulded plastic mounting box, with	NO	23.68

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ITEM	DESCRIPTION	UNIT	RATE
	indication as to what switch is being used for, including plugging to walls as necessary, remake all necessary connections, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.		
8620CA	SOCKET:RENEW 13A DP PLATE WITH OUTLET Socket:Isolate supply, disconnect, clear away and renew 13 amp moulded plastic double pole fused switch plate with outlet and moulded plastic mounting box, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	17.35
8620DA	SOCKET:RENEW 13A DP PLATE WITH INDICATOR Socket:Isolate supply, disconnect, clear away and renew 13 amp moulded plastic double pole fused switch plate with outlet and neon indicator and moulded plastic mounting box, remake all necessary connections, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	16.68
8620EA	CONNECTION UNIT:RENEW 13A FUSED SWITCH Socket:Isolate supply, disconnect, clear away and renew 13 amp moulded plastic double pole fused switched connection unit and moulded plastic mounting box, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	16.25
8620EB	CONNECTION UNIT:RENEW 13A FUSED SWITCH NEON Socket:Isolate supply, disconnect, clear away and renew 13 amp moulded plastic double pole fused switched connection unit with neon indicator and marked with usage and fuse rating as necessary and moulded plastic mounting box, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	16.68
8620EC	CONNECTION UNIT:RENEW 13A FUSED UNSWITCHED Socket:Isolate supply, disconnect, clear away and renew 13 amp moulded plastic double pole fused unswitched connection unit and moulded plastic mounting box, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	15.38
8620ED	CONNECTION UNIT:RENEW 13A FUSED UNSWITCHED NEON Socket:Isolate supply, disconnect, clear away and renew 13 amp moulded plastic double pole fused unswitched connection unit with neon indicator and marked with usage and fuse rating as necessary and moulded plastic mounting box, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	15.81
	Shaver Points		
8630AA	SHAVER:RENEW SHAVER SUPPLY UNIT Shaver:Isolate supply, disconnect, clear away and renew dual-voltage output shaver supply unit, reconnect electricity supply, undertake electrical tests and make good on completion and remove waste and debris.	NO	31.96
8630BA	SHAVER LIGHT:INSTALL COMPLETE Shaver Light:Isolate supply and install approved shaver point incorporating strip light including cut out and make good for all concealed conduit and wiring, make all connections, reconnect, electrical tests and make good on completion and remove waste and debris.	NO	65.47
8630CA	SHAVER LIGHT:RENEW COMPLETE Shaver Light:Isolate supply and renew approved shaver point incorporating strip light including make all connections, reconnect, electrical tests and make good on completion and remove waste and debris.	NO	45.00

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ITEM	DESCRIPTION	UNIT	RATE
	Special Installations		
	Door Bell Installations		
8705AA	DOOR BELL:RENEW COMPLETE Door Bell:Renew or supply and install door bell installation complete, comprising 1A, 1 gang door bell push and moulded plastic mounting box, 220/240V AC primary supply 3-4-8V secondary output transformer and 3-4-8V AC supply underdome bell and all necessary 0.5mm pvc trim bell wire, make all connections to bells, bell units, transformers and bell push, electrical tests and make good on completion, and remove waste and debris.	IT	74.14
8705BA	DOOR BELL:RENEW BATTERY TYPE Door Bell:Renew battery operated door bell or chime of any type, complete with batteries, to match existing, fixing to any background and connection to bell push wire, remove existing fitting, test, make good and leave in working order and remove waste and debris.	NO	50.07
8705BB	DOOR BELL:RENEW WIRELESS TYPE Door Bell:Renew battery operated wireless controlled door bell of any type, complete with batteries, to match existing, fixing to any background, remove existing fitting, test, make good and leave in working order and remove waste and debris.	NO	39.61
	Door Entry Installation		
8710BA	DOOR ENTRY:RENEW INTERCOM KIT Door Entry:Disconnect, clear away and renew intercom kit complete, make all necessary connections, leave in working order on completion and remove waste and debris.	NO	123.90
8710DA	DOOR ENTRY:INSTALL EXTRA PHONE Door Entry:Supply and install extra or replacement door phone complete, make all connections, leave in working order on completion and remove waste and debris.	NO	44.63
8710EA	DOOR ENTRY:RENEW ELECTRIC LATCH Door Entry:Disconnect, clear away and renew electric door latch complete, make all necessary connections, leave in working order on completion and remove waste and debris.	NO	34.46
8710EB	DOOR ENTRY:RENEW ELECTRIC LATCH KEEPER Door Entry:Disconnect, clear away and renew electric door latch keeper complete, make all necessary connections, leave in working order on completion and remove waste and debris.	NO	31.10
8710FA	DOOR ENTRY:RENEW 6 CORE CABLING Door Entry:Strip out, clear away and renew 6 core cabling to door entry installation, clipped to wall or soffit, make all necessary connections, test and make good and remove waste and debris.	LM	2.96
8710FB	DOOR ENTRY:RENEW 8 CORE CABLING Door Entry:Strip out, clear away and renew 8 core cabling to door entry installation, clipped to wall or soffit, make all necessary connections, test and make good and remove waste and debris.	LM	3.63
8710FC	DOOR ENTRY:RENEW TRANSFORMER Door Entry:Disconnect, clear away and renew transformer complete, make all necessary connections, leave in working order on completion and remove waste and debris.	NO	63.77

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ITEM	DESCRIPTION	UNIT	RATE
8710GA	DOOR ENTRY:REMOTE LOCK SYSTEM Door Entry:Supply and install proprietary door entry system comprising remote lock control, internal/external speaker system including all necessary wiring, connections and make good all finishes and remove waste and debris.	IT	250.68
8710HA	DOOR ENTRY:SUPPLY AND FIX VISUAL AID Door Entry:Supply and fix proprietary strobe type visual indicator to any door bell/door entry system including all necessary wiring, connections and make good all finishes and remove waste and debris.	IT	143.73
8710XA	DOOR ENTRY:INSTALL Door Entry:Install controlled door entry system to block of flats including stainless steel anti-vandal entrance panel with bezelled back box, system controllers, distribution boxes, circuit boards telephone handsets within flats, firemans over-ride switch, cabling, galvanised steel trunking or conduit externally or in common parts, plastic mini-trunking within flats, all door ironmongery and hardware including electronic releases, all builders work including fitting new door locks etc., adapting and extending the Landlords electrical installation and controls to suit the controlled door entry system, decorating exposed trunking and conduit and make good all works disturbed, test and commission, and remove waste and debris. (Per Dwelling on the System.).	IT	350.00
8710XB	DOOR ENTRY:RENEW Door Entry:Strip out existing cabling and equipment and install new controlled door entry system to block of flats including stainless steel anti-vandal entrance panel with bezelled back box, system controllers, distribution boxes, circuit boards telephone handsets within flats, firemans over-ride switch, cabling, any additional galvanised steel trunking or conduit externally or in common parts and plastic mini-trunking within flats, all door ironmongery and hardware including electronic releases, all additional builders work including fitting new door locks etc., adapting and extending the Landlords electrical installation and controls to suit the new controlled door entry system redecorating exposed trunking and make good all works disturbed, test and commission, and remove waste and debris. (Per Dwelling on the System.).	IT	325.00
	Fire Alarm Installation		
8711AA	FIRE ALARM:RENEW BREAK GLASS UNIT Fire Alarm:Renew or supply and install break glass unit complete with hammer and chain, flush or surface mounted, plugged and screwed to structure, including making all connections to existing wiring, test operation and make good on completion and remove waste and debris.	NO	28.49
8711BA	FIRE ALARM:RENEW LED STROBE Fire Alarm:Renew or supply and install LED strobe 12 or 24 volt, with conduit box plugged and screwed to structure, including making all connections to existing wiring, test operation and make good on completion and remove waste and debris.	NO	37.26
8711CA	FIRE ALARM:RENEW 150MM BELL Fire Alarm:Renew or supply and install 150mm bell unit, with conduit box plugged and screwed to structure, including making all connections to existing wiring, test operation and make good on completion and remove waste and debris.	NO	43.53
8711CB	FIRE ALARM:RENEW 225MM BELL Fire Alarm:Renew or supply and install 225mm bell unit, with conduit box plugged and screwed to structure, including making all connections to existing wiring, test operation and make good on completion and remove waste and debris.	NO	46.01
8711DA	FIRE ALARM:RENEW BUZZER/SIREN/WARBLER Fire Alarm:Renew or supply and install buzzer/siren/warbler unit, with conduit box plugged and screwed to structure, including making all connections to existing wiring, test operation and make good on completion and remove waste and debris.	NO	43.11

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ITEM	DESCRIPTION	UNIT	RATE
8711DB	FIRE ALARM:RENEW SIREN Fire Alarm:Renew or supply and install siren unit, with conduit box plugged and screwed to structure, including making all connections to existing wiring, test operation and make good on completion and remove waste and debris.	NO	43.11
8711DC	FIRE ALARM:RENEW WARBLER Fire Alarm:Renew or supply and install warbler unit, with conduit box plugged and screwed to structure, including making all connections to existing wiring, test operation and make good on completion and remove waste and debris.	NO	43.11
8711EA	FIRE ALARM:RENEW DOOR RELEASE UNIT Fire Alarm:Renew or supply and install door release unit, surface or recessed type, secure to background, including making all connections to existing wiring, test operation and make good on completion and remove waste and debris.	NO	54.93
8711FA	FIRE ALARM:RENEW 6 ZONES PANEL Fire Alarm:Renew fire alarm panel upto six zones, isolate supply, disconnect circuits, remove existing panel, reconnect circuits, test system, include connection to off site warning system, clean up.	IT	470.71
8711GA	FIRE ALARM:INSTALL L2 TYPE Fire Alarm:Install L2 type fire alarm installation complete to BS5839:Part 6 1995 to an individual dwelling, control panel, circuits, call points, automatic detectors and sounders, builders work, make good, test, commission, and remove waste and debris.	IT	630.00
8711HA	FIRE ALARM:PROVIDE BREAK GLASS KEY BOX Fire Alarm:Supply and fix break glass key box complete with perspex cover, mounted adjacent window and containing window keys.	NO	13.19
8711JB	FIRE ALARM:RENEW SMOKE DETECTOR NO BASE NON DOM Fire Alarm:Renew existing with mains operated optical smoke detector with rechargeable DC battery or condensor back up self contained type to BS 5446 kitemark certified with hush button interlinked with any existing detectors or alarm systems, test and make good on completion, where interlinked detectors are replaced new detectors must be compatible with existing, and remove waste and debris.	NO	66.36
8711XA	FIRE ALARM:INSTALL Fire Alarm:Install fire alarm installation complete to block of dwellings or scheme including control panel complete with alarm input and ouput circuits, sounder circuits detection/activation loops, integral batteries and charger unit, and indicator lights, sound alarm switch, alarms silence switch, reset push button and lamp test, the system is to be installed complete with manual call points, automatic detectors and sounders, all wiring is to be mineral insulated copper clad CCM 2L 1.5 including all builders adapting and extending the Landlords electrical installation and controls to suit the charger for the fire alarm and make good all works disturbed, test and commission, and remove waste and debris. (Per Dwelling on the System.).	IT	550.00
8711XB	FIRE ALARM:RENEW Fire Alarm:Strip out existing wiring and equipment and install fire alarm installation complete to block of dwellings or scheme including control panel complete with alarm input and ouput circuits, sounder circuits detection/activation loops, integral batteries and charger unit, and indicator lights, sound alarm switch, alarms silence switch, reset push button and lamp test, the system is to be installed complete with manual call points, automatic detectors and sounders, all wiring is to be mineral insulated copper clad CCM 2L 1.5 red, including all builders adapting and extending the Landlords electrical installation and controls to suit the charger for the fire alarm and make good all works disturbed, test and commission, and remove waste and debris. (Per dwelling on the system.).	IT	520.00

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ITEM	DESCRIPTION	UNIT	RATE
8711XC	FIRE ALARM:ELECTRONIC DOOR CLOSERS Fire Alarm:Install electronic door closers in conjunction with installation or renewal of fire alarm installation to communal doors of block of dwellings or scheme, all wiring to be mineral insulated copper clad CCM 2L 1.5 red, including all builders work, and make good all works disturbed, test and commission, and remove waste and debris.	NO	399.95
	Domestic Fire Alarm - Installation		
8711WA	LD3 SMOKE ALARM SYSTEM:INSTALL TO FLAT WITH REWIRE LD3 Smoke Alarm System:Supply and install Grade D LD3 smoke alarm system complete to flat to BS 5839-6, including all connections to electrical installation, builders work, make good, touch up decorations, test and commission, remove waste and debris.	NO	260.41
8711WB	LD3 SMOKE ALARM SYSTEM:INSTALL TO FLAT REWIRE LINK LD3 Smoke Alarm System:Supply and install Grade D LD3 smoke alarm system complete to flat to BS 5839-6 with link to remote alarm receiving centre, including all connections to electrical and telephone installation, builders work, make good, touch up decorations, test and commission, remove waste and debris.	NO	376.75
8711WC	LD2 SMOKE ALARM SYSTEM:INSTALL TO FLAT WITH REWIRE LD2 Smoke Alarm System:Supply and install Grade D LD2 smoke alarm system complete to flat to BS 5839-6, including all connections to electrical installation, builders work, make good, touch up decorations, test and commission, remove waste and debris.	NO	439.55
8711WD	LD2 SMOKE ALARM SYSTEM:INSTALL TO FLAT REWIRE LINK LD2 Smoke Alarm System:Supply and install Grade D LD2 smoke alarm system complete to flat to BS 5839-6 with link to remote alarm receiving centre, including all connections to electrical and telephone installation, builders work, make good, touch up decorations, test and commission, remove waste and debris.	NO	502.33
8711WE	LD1 SMOKE ALARM SYSTEM:INSTALL TO FLAT WITH REWIRE LD1 Smoke Alarm System:Supply and install Grade D LD1 smoke alarm system complete to flat to BS 5839-6, including all connections to electrical and telephone installation, builders work, make good, touch up decorations, test and commission, remove waste and debris.	NO	805.25
8711WF	LD1 SMOKE ALARM SYSTEM:INSTALL TO FLAT REWIRE LINK LD1 Smoke Alarm System:Supply and install Grade D LD1 smoke alarm system complete to flat to BS 5839-6 with link to remote alarm receiving centre, including all connections to electrical and telephone installation, builders work, make good, touch up decorations, test and commission, remove waste and debris.	NO	856.32
	Burglar Alarm Installation		
8714AA	BURGLAR ALARM:INSTALL ANY TYPE Burglar Alarm:Install burglar alarm installation complete to common parts of block of dwellings or scheme including control panel complete with alarm input and ouput circuits, sounder circuits detection/activation loops, integral batteries and charger unit, and indicator lights, sound alarm switch, alarms silence switch, reset push button and lamp test, complete with automatic detectors and sounders including all builders work, and make good all works disturbed, test and commission, and remove waste and debris.	IT	580.00
	Telephone Installation		
8712AA	TELEPHONE:SUPPLY AND FIX VISUAL AID Telephone:Supply and fix proprietary strobe type visual indicator to telephone installation including all necessary wiring, connections and make good all finishes and remove waste and debris.	IT	64.90

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ITEM	DESCRIPTION	UNIT	RATE
	Electrical Work in connection with Central Heating		
8713AA	THERMOSTAT:LOWER POSITION Thermostat:Lower height of room thermostat with wiring run in plastic mini trunking including blanking plate to existing thermostat outlet and refix existing thermostat in lower position including make all connections, electrical tests and make good finishes and remove waste and debris.	IT	26.83
	TV Aerial Installation		
8715AA	TV OUTLET:REMOVE, RECONNECT, REFIX TV Outlet:Take off any type of existing flush or surface mounted outlet box, remake connections and refix and test, make good on completion and remove waste and debris.	NO	6.09
8715BA	TV OUTLET:RENEW FLUSH OR SURFACE BOX TV Outlet:Take off any type of existing flush or surface mounted outlet box, supply and fix new remake all connections, test, make good on completion and remove waste and debris.	NO	16.35
8715CA	TV AERIAL:REWIRE COAXIAL NE 10M TV Aerial:Take out existing and or supply and fix new TV coaxial cabling from existing outlet to aerial in length ne 10.00m, run in existing conduit or surface fixed including remake all joints, test and make good on completion and remove waste and debris.	IT	38.47
8715CB	TV AERIAL:REWIRE COAXIAL 10-20M TV Aerial:Take out existing and or supply and fix new TV coaxial cabling from existing outlet to aerial in length over 10.00 and ne 20.00m, run in existing conduit or surface fixed including remake all joints and make good on completion and remove waste and debris.	IT	63.47
8715CD	TV AERIAL:REWIRE COAXIAL OVER 20M TV Aerial:Take out existing and or supply and fix new TV coaxial cabling from existing outlet to aerial in length over 20.00m, run in existing conduit or surface fixed including remake all joints and make good on completion and remove waste and debris.	IT	93.77
	Smoke Detectors		
8720BB	SMOKE DETECTOR:INSTALL BATTERY OPERATED TYPE Smoke Detector:Supply and install battery operated smoke detector including 10 year life battery, test, make good and leave in working order and remove waste and debris.	NO	42.13
8720CA	SMOKE DETECTOR:INSTALL MAINS OPTICAL TYPE Smoke Detector:Isolate, supply and install mains operated optical smoke detector with rechargeable DC battery or condensor back up self contained type to BS 5446 kitemark certified with hush button,interlinked with any other detectors, including make all necessary connections to supply including junction box, reconnect, test and make good on completion and remove waste and debris.	NO	95.39
8720EA	SMOKE DETECTORS:INSTALL OPTICAL HEAT SYSTEM Smoke Detectors:Isolate, supply and install 2 mains operated smoke detectors with rechargeable DC battery or condensor back up on two separate floors in a single house or maisonette, one combined opitcal smoke and heat detector and one optical smoke detector self contained type to BS 5446 kitemark certified with hush button, interlinked with eachother and anoy other detectors, make all necessary connections to supply including junction box and interlink the two detectors including mini trunking, make all necessary connections to supply and to any OAP Alarm /Warden Call system, reconnect, test and make good on completion and remove waste and debris.	IT	236.88

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ITEM	DESCRIPTION	UNIT	RATE
8720EB	SMOKE DETECTOR:INSTALL ADDITIONAL DETECTOR Smoke Detector:Extra to supply and install 2 additional mains operated optical smoke detectors with rechargeable DC battery or condensor backup self contained type to BS 5446 certified with hush button, interlinked to each other and existing detectors including make all necessary connections to supply including junction box and interlink the three detectors including mini trunking, reconnect, test and make good on completion and remove waste and debris.	NO	147.91
8720FA	SMOKE DETECTOR:RENEW WITH OPTICAL TYPE Smoke Detector:Renew existing with mains operated optical smoke detector with rechargeable DC battery or condensor back up self contained type to BS 5446 kitemark certified with hush button, interlinked with any other detectors, including backplate and all necessary connections to existing wiring, test and make good on completion, where interlinked detectors are replaced new detectors must be compatible with existing and remove waste and debris.	NO	112.79
8720GA	SMOKE DETECTOR:INSTALL VISUAL AID TYPE Smoke Detector:Supply and install smoke detector incorporating strobe type visual aid interlinked with any extisting detectors, including all wiring and connection to electrical supply and wiring and connection to alarm system, make good all finishes and remove waste and debris.	NO	135.25
8720GC	SMOKE DETECTOR:RENEW WITH VISUAL AID TYPE Smoke Detector:Renew any type with smoke detector incorporating strobe type visual aid including all wiring and connection to electrical supply and to alarm system, test and make good on completion, and remove waste and debris.	NO	100.15
8720GB	SMOKE DETECTOR:INSTALL VISUAL AID VIBRATING PADS Smoke Detector:Supply and install smoke detector and alarm system incorporating strobe type visual aid, vibrating pads and control panel interlinked with any existing detectors, including all wiring and connection to electrical supply and wiring and connection to alarm system, make good all finishes and remove waste and debris.	NO	196.63
8720HA	SMOKE DETECTOR:INSTALL WIRELESS OPTICAL TYPE Smoke Detector:Install wireless optical smoke detector with built in test/hush button, large optical chamber sensor, radio transmitter and receiver, built in auto test alarm, 9v battery, low battery warning to BS EN 14604:2005, indicators etc., wirelessly interlinked with any other detectors, test and make good on completion and remove waste and debris.	NO	120.17
8720HC	SMOKE DETECTORS:INSTALL WIRELESS SYSTEM Smoke Detectors:Install one wireless optical and one wireless combined optical smoke and heat detector system, detectors with built in test buttons, radio transmitters and receivers, built in auto test alarms, 9v batteries, low battery warning, both detectors to BS EN 14604:2005, indicators etc., wirelessly interlined with each other and any other detectors, test and make good on completion and remove waste and debris.	IT	267.05
8720HD	SMOKE DETECTOR:INSTALL ADDITIONAL WIRELESS Smoke Detector:Extra to supply and install 2 additional wireless optical smoke detectors with rechargeable DC battery or condensor backup self contained type to BS 5446 certified with hush button, wirelessly interlinked to each other and existing detectors including make all necessary connections to supply including junction box, mini trunking, reconnect, test and make good on completion and remove waste and debris.	NO	189.78
8720JA	SMOKE DETECTOR:RENEW WITH WIRELESS OPTICAL Smoke Detector:Renew existing with wireless optical smoke detector with built in test/hush button, large optical chamber sensor, radio transmitter and receiver, built in auto test alarm, 9v battery, low battery warning, to BS EN 14604:2005 indicators wirelessly interlinked with any existing detectors, disconnect, remove detector,	NO	102.86

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ITEM	DESCRIPTION	UNIT	RATE
	wiring and trunking as necessary and make good ceiling finishes, test and make good on completion and remove waste and debris.		
8720KA	SMOKE/HEAT DETECTOR:RENEW CIRCUIT Smoke/Heat Detector:Isolate supply, strip out, clear away and renew 1.5mm2 twin, three or four core with earth continuity cable, with cable run in mini trunking or rigid PVC or steel conduit to smoke or heat detector outlet point, make all necessary connections, reconnect electricity supply, undertake electrical tests, provide certificate, make good on completion and remove waste and debris.	NO	51.40
8720KB	SMOKE/HEAT DETECTOR:RENEW CIRCUIT DISABLED Smoke/Heat Detector:Isolate supply, strip out, clear away and renew 1.5mm2 twin, three or four core with earth continuity cable, with cable run in mini trunking or rigid PVC or steel conduit to disabled smoke detector and vibrating pad outlet point, make all necessary connections, reconnect electricity supply, undertake electrical tests, provide certificate, make good on completion and remove waste and debris.	NO	64.06
8720LA	SMOKE/HEAT DETECTOR:PROGRAMMED RENEWAL 1 PER DWELL Smoke/Heat Detector:Programmed renewal of the only smoke or heat detector to dwelling with either wireless or mains wired smoke detector with built in test/hush button, large optical chamber sensor, radio transmitter and receiver, built in auto test alarm, 9v battery, low battery warning, to BS EN 14604:2005 indicators, or and rate of rise or fixed temperature heat detector disconnect, remove detector, wiring and trunking as necessary and make good ceiling finishes, test and make good on completion and remove waste and debris.	IT	108.68
8720LB	SMOKE/HEAT DETECTOR:PROGRAMMED RENEWAL 2 PER DWELL Smoke/Heat Detector:Programmed renewal of one smoke and one heat detectors to dwelling with either wireless or mains wired smoke detector with built in test/hush button, large optical chamber sensor, radio transmitter and receiver, built in auto test alarm, 9v battery, low battery warning, to BS EN 14604:2005 indicators, and rate of rise or fixed temperature heat detector disconnect, remove detectors, wiring and trunking as necessary and make good ceiling finishes, test and make good on completion and remove waste and debris.	IT	217.35
8720LC	SMOKE/HEAT DETECTOR:PROGRAMMED RENEWAL 3 PER DWELL Smoke/Heat Detector:Programmed renewal of two smoke and one heat detectors to dwelling with either wireless or mains wired detector with built in test/hush button, large optical chamber sensor, radio transmitter and receiver, built in auto test alarm, 9v battery, low battery warning, to BS EN 14604:2005 indicators, and rate of rise or fixed temperature heat detector disconnect, remove detectors, wiring and trunking as necessary and make good ceiling finishes, test and make good on completion and remove waste and debris.	IT	242.02
8720LD	SMOKE/HEAT DETECTOR:PROGRAMMED RENEWAL 4 PER DWELL Smoke/Heat Detector:Programmed renewal of three smoke and one heat detectors to dwelling with either wireless or mains wired detector with built in test/hush button, large optical chamber sensor, radio transmitter and receiver, built in auto test alarm, 9v battery, low battery warning, to BS EN 14604:2005 indicators, and rate of rise or fixed temperature heat detector, disconnect, remove detectors, wiring and trunking as necessary and make good ceiling finishes, test and make good on completion and remove waste and debris.	IT	434.68
8720LE	SMOKE/HEAT DETECTOR:PROGRAMMED RENEWAL 5 PER DWELL Smoke/Heat Detector:Programmed renewal of four smoke and one heat detectors to dwelling with either wireless or mains wired smoke detector with built in test/hush button, large optical chamber sensor, radio transmitter and receiver, built in auto test alarm, 9v battery, low battery warning, to BS EN 14604:2005 indicators, and rate of rise or fixed temperature heat detector disconnect, remove detectors, wiring and trunking as necessary and make good ceiling finishes, test and make good on completion and remove waste and debris.	IT	543.36

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ITEM	DESCRIPTION	UNIT	RATE
8720NA	SMOKE DETECTOR CIRCUIT:LINK TO CCU Smoke Detector Circuit:Disconnect existing part of installation connected to lighting circuit, reconnect from nearest detector head to an dincluding new dedicated RCBO, make good circuit, 20 mm diameter conduits, clipping in position at 1200 centres, 1.5mm2 PVC insulated and sheathed triple core with earth continuity cable drawn into conduits or ducts or drawn into trunking, fixed to surfaces, all builders work, make good, testing, certificate, remove waste and debris.	IT	89.69
	Heat Detectors		
8721AA	HEAT DETECTOR:INSTALL Heat Detector:Isolate, supply and install mains operated rate of rise or fixed temperature heat detector interlinked with any existing detectors including make all necessary connections to supply including junction box, reconnect, test and make good on completion and remove waste and debris.	NO	112.62
8721BA	HEAT DETECTOR:RENEW Heat Detector:Isolate, renew mains operated rate of rise or fixed temperature heat detector interlinked with any existing detectors, including make all necessary connections to supply including junction box, reconnect, test and make good on completion and remove waste and debris.	NO	71.81
8721CA	HEAT DETECTOR:INSTALL WIRELESS Heat Detector:Install wireless heat detector, fixed temperature fast response thermistor type sensor, range 58oC +/- 4oC, built in test button, radio transmitter and receiver, built in auto self test, 9v battery, low battery warning to BS EN 14604:2005, indicator, wirelessly interlinked with any existing detectors, test and make good on completion, remove waste and debris.	NO	128.88
8721CB	HEAT DETECTOR:SERVICE AND OVERHAUL HARD WIRE Heat Detector:Undertake annual service and overhaul any type of hard wired heat detector, switch power off, vacuum through vents, switch power on, test, all work to be carried in strict conformity to the manufacturers technical data sheet, renew battery as necessary and leave in working order and remove waste and debris (rate per dwelling).	NO	24.66
8711KA	HEAT DETECTOR:RENEW DETECTOR NO BASE (FT) Fire Alarm:Renew mains operated fixed temperature heat detector including make all necessary connections to existing junction box, reconnect, test and make good on completion, and remove waste and debris.	NO	65.41
8711KB	HEAT DETECTOR:RENEW DETECTOR NO BASE (ROR) Fire Alarm:Renew mains operated rate of rise heat detector including make all necessary connections to existing junction box, reconnect, test and make good on completion, and remove waste and debris.	NO	65.41
	Carbon Monoxide Detectors		
8722AA	CARBON MONOXIDE DETECTOR:INSTALL MAINS OPERATED Carbon Monoxide Detector:Isolate, supply and install mains operated carbon monoxide detector including make all necessary connections to supply and make good on completion and remove waste and debris.	NO	122.84
	Warden Call Installation		
8812XA	WARDEN CALL SYSTEM:INSTALL Warden Call System:Install warden call system to group of dwellings or scheme, provide and install control panel, individual call points and pull cords, repeaters and cabling, all builders work and make good all works disturbed, test and commission, and remove waste and debris. (Per Dwelling in Scheme.).	IT	400.00
8709XA	WARDEN CALL SYSTEM:INSTALL WIRED/WIRELESS Warden Call System:Install open protocol wired/wireless warden call system to	IT	520.00

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ITEM	DESCRIPTION	UNIT	RATE
	group of dwellings or scheme, provide and install control panel, individual call points and pull cords, repeaters and cabling, DECT enabled base stations and handsets, telephone lines, all builders work and make good all works disturbed, test and commission, and remove waste and debris. The system is to interface with door entry system, fire alarm system, boiler room control panel, lifts and keys safes, flood detectors and fire alarm detectors in each dwelling (Per Dwelling in Scheme.).		
	Landlords Lighting etc		
	Time Switches		
8801AA	TIME SWITCH:RENEW SWITCH CLOCK Time Switch:Isolate supply, disconnect, clear away and renew time switch clock, remake all necessary connections, reconnect electricity supply, undertake electrical tests, make good and leave in working order and remove waste and debris.	NO	53.53
8801BA	TIME SWITCH:RENEW PHOTO ELECTRIC TYPE Time Switch:Isolate supply, disconnect, clear away and renew photo electric dusk/dawn switch, remake all necessary connections, reconnect electricity supply, test, make good and leave in working order and remove waste and debris.	NO	46.30
8801CA	TIME SWITCH:RENEW WITH PHOTO ELECTRIC TYPE Time Switch:Isolate supply, disconnect, clear away any existing time clock and renew with photo electric dusk/dawn switch including all additional wiring, remake all connections, reconnect electricity supply, test, make good and leave in working order and remove waste and debris.	NO	84.02
8801DA	TIME SWITCH:RENEW PASSIVE INFRA RED Time Switch:Isolate supply, disconnect, clear away and renew passive infrared detector switch, remake all necessary connections, reconnect electricity supply, test, make good and leave in working order and remove waste and debris.	NO	65.77
8801GA	TIME SWITCH:RENEW WITH TIME LAG SWITCH Time Switch:Isolate supply, disconnect, clear away and renew any plate switch with time delay switch disconnect, clear away and renew, remake all connections, reconnect to electricity supply, undertake electrical tests, set switch, make good and leave in working order and remove waste and debris.	NO	34.74
8801EA	LIGHT:INSTALL PIR UNIT COMPLETE Light:Supply and install in approved location passive infra red detector unit with 1000w lamp, PIR switch, all necessary wiring and control switch and connection to electrical supply, test, set, make good and leave in working order and remove waste and debris.	NO	80.65
8801FA	SWITCH:RENEW WITH TIME LAG SWITCH Switch:Isolate supply, disconnect, clear away and renew any plate switch with time delay switch, remake all connections, reconnect to electricity supply, undertake electrical tests, set switch, make good and leave in working order and remove waste and debris.	NO	42.76
8801XA	LANDLORDS LIGHTING:RENEW EXTERNAL Landlords Lighting:Strip out existing wiring, fittings and controls, rewire in mineral insulated copper clad cable in external or exposed locations from incoming electrical supply, provide and install light fittings as specified complete with long life lamps, controls to be PIR, photoelectric cell or time lag switches, including all builders work and make good all works disturbed, test and commission, and remove waste and debris. (Per Dwelling in Scheme).	IT	502.74
8801XB	LANDLORDS LIGHTING:RENEW INTERNAL Landlords Lighting:Strip out existing wiring, fittings and controls, rewire in pvc cable	IT	486.43

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	to internal or non-exposed locations from incoming electrical supply, provide and install light fittings as specified complete with long life lamps, all necessary switches including 2 way, and all builders work and make good all works disturbed, test and commission, and remove waste and debris. (Per Dwelling on Scheme.).		
	External Lighting		
8808BA	EXTERNAL LIGHT:RENEW LIGHT WITH 20W LED CORN LAMP External Light:Supply and fit or renew external light with CED 20w LED Corn Light Giant Edison Screw Cap or other equal and approved light fitting including all necessary wiring and control switch and connection to electrical supply, access with cherrypicker, test, set, make good and leave in working order and remove waste and debris.	NO	62.97
8808BB	EXTERNAL LIGHT:RENEW LIGHT WITH 50W LED CORN LAMP External Light:Supply and fit or renew external light with CED 50w LED Corn Light Giant Edison Screw Cap or other equal and approved light fitting including all necessary wiring and control switch and connection to electrical supply, access with cherrypicker, test, set, make good and leave in working order and remove waste and debris.	NO	76.13
8808BC	EXTERNAL LIGHT:RENEW LIGHT WITH 80W LED CORN LAMP External Light:Supply and fit or renew external light with CED 80w LED Corn Light Giant Edison Screw Cap or other equal and approved light fitting including all necessary wiring and control switch and connection to electrical supply, access with cherrypicker, test, set, make good and leave in working order and remove waste and debris (fittings measured separately).	NO	88.61
	Emergency Lighting Fittings		
8810AA	EMERGENCY LIGHTING:RENEW SELF CONTAINED FITTING Emergency Lighting:Renew or supply and install self contained non-maintained 3hr duration completion with glass diffuser, plugged and screwed to structure, including making all connections to existing wiring, test and make good on completion and remove waste and debris.	NO	65.62
8810AB	EMERGENCY LIGHTING:RENEW 3HR 18W LED FITTING Light Fitting:Renew or supply and install new IP65 18W LED lighting unit with 3hr emergency duration including isolate/reconnect supply, plugged and screwed to structure, including all connections, wiring, builders work, test and make good on completion, and remove waste and debris.	NO	116.39
8810AC	EMERGENCY LIGHTING:RENEW 3HR 18W LED WITH SENSOR Light Fitting:Renew or supply and install new IP65 18W LED lighting unit with 3hr emergency duration and built in microwave sensor including isolate/reconnect supply, plugged and screwed to structure, including all connections, wiring, builders work, test and make good on completion, and remove waste and debris.	NO	121.63
8810BA	EMERGENCY LIGHTING:RENEW EXIT SIGN Emergency Lighting:Renew or supply and install exit sign 515x190x58mm maintained type 3hr duration complete with tube to BS 5266 surface mounted, plugged and screwed to structure, including making all connections to existing wiring, test and make good on completion and remove waste and debris.	NO	76.17
8810CC	EMERGENCY LIGHTING:RENEW LED IP44 3HR + SENSOR Emergency:Renew or supply and install new IP44 lighting unit with 3 hr emergency duration and built in microwave sensor, isolate/reconnect supply, fixed to structure, connections, LSF wiring, builders work, test, make good.	NO	106.99
8810XA	EMERGENCY LIGHTING:INSTALL/RENEW Emergency Lighting:Install emergency lighting installation to block of dwellings or scheme, strip out any existing installation and equipment, supply and install self contained non-maintained emergency luminaries and emergency exit signs,	IT	444.60

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	connect by specified cable to local lighting circuit, all builders work and make good all works disturbed, test and commission, and remove waste and debris (Per Dwelling in Scheme).		
	Earthing and Testing		
	Earthing		
8920AA	EARTH:INSTALL EARTHBOND COMPLETE Earth:Install and connect earth clamp and wire to crossbond metal water pipes, feed earth from electricity supplier point to pipes and connect including earth tags and cable clips.	IT	220.86
8920AB	EARTH:CROSS BOND PLUMBING Earth:Install and connect earth strips and wire to cross bond pipes to any pipes, appliance or tank, connect to earth source and earth clip, with earth tags and cable clips and remove waste and debris. (per item crossbonded).	IT	20.95
8920AC	EARTH:RENEW MAIN EQUIPOTENTIAL BONDING Earth:Disconnect, strip out, clear away and renew earthing cable of suitable size, clamps and accessories from main switch gear and consumer units to incoming water, gas or electric supply and remove waste and debris. (per item).	IT	27.58
8920AD	EARTH:CROSS BOND BATHROOM/WETROOM Earth:Supplemental equipotential bonding all circuits (heater, lighting, shower, fan) in bathroom, to the nearest earth point in accordance with current regulations with cable, clips and tags and remove waste and debris.	IT	38.34
8920AE	EARTH:SUPPLEMENTARY EQUIPOTENTIAL BONDING ANY ITEM Earth:Supplemental equipotential bonding to any isolated metal item or pipe to the nearest earth point in accordance with current regulations with cable, clips and tags and remove waste and debris.	IT	15.69
	Testing - Occupied Property		
8950AA	TEST:OCCUPIED PROPERTY CERTIFICATE Test:Carry out test of domestic installation to occupied property complete comprising continuity, insulation resistance, polarity, earth fault loop impedance and operation of RCD's and RCBO's, disconnect, repair and renew and make good as necessary after removal of illegal wiring and components and provide report and test certificate in conformity to BS 7671 to the Client Representative and remove waste and debris. (Code C1 and C2 repairs indentified to be undertaken will be ordered separately by the Client's Representative and will be reimbursed at the relevant rates in this Schedule of Rates).	IT	110.29
8950BA	TEST:OCCUPIED PROPERTY POST REPAIRS CERTIFICATE Test:Carry out test of domestic installation to occupied property complete comprising continuity, insulation resistance, polarity, earth fault loop impedance and operation of RCD's and RCBO's, following any non-electrical repair or alteration works undertaken by other Provider's and provide test certificate in conformity to BS 7671 to Client Representative.	IT	60.90
8950CA	TEST:OCCUPIED PROPERTY AND REPORT Test:Carry out test of domestic installation to occupied property complete comprising continuity, insulation resistance, polarity, earth fault loop impedance and operation of RCD's and RCBO's, disconnect, repair and renew and make good as necessary after removal of illegal wiring and components and report to the Client Representative and remove waste and debris. (Code C1 and C2 repairs indentified to be undertaken will be ordered separately by the Client's Representative and will be reimbursed at the relevant rates in this Schedule of Rates).	IT	84.20

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8950EA	TEST:OCCUPIED PROPERTY CERTIFICATE - ECONOMY 7 Test:Carry out test of domestic Economy 7 space heating and water heating installations complete comprising continuity, insulation resistance, polarity, earth fault loop impedance and operation of residual current operated device, disconnect, repair and renew as necessary after removal of illegal wiring and components, and provide report and NICEIC/ECA test certificates to the Client Representative, and remove waste and debris.	IT	89.30
8950FA	TEST:OCCUPIED PROPERTY CERTIFICATE 1 BED BUNGALOW Test:Carry out test of domestic installation to occupied 1 bedroom bungalow complete comprising continuity, insulation resistance, polarity, earth fault loop impedance and operation of residual current operated device, disconnect, repair and renew as necessary after removal of illegal wiring and components, and provide report and NICEIC/ECA test certificate to the Client's Representative, and remove waste and debris.	IT	73.65
8950FB	TEST:OCCUPIED PROPERTY CERTIFICATE 1 BED DOM UNIT Test:Carry out test of domestic installation to occupied 1 bedroom or bedsit domestic accommodation complete comprising continuity, insulation resistance, polarity, earth fault loop impedance and operation of residual current operated device, disconnect, repair and renew as necessary after removal of illegal wiring and components, and provide report and NICEIC/ECA test certificate to the Client's Representative, and remove waste and debris.	IT	73.65
8950FC	TEST:OCCUPIED PROPERTY CERTIFICATE 2 BED BUNGALOW Test:Carry out test of domestic installation to occupied 2 bedroom bungalow complete comprising continuity, insulation resistance, polarity, earth fault loop impedance and operation of residual current operated device, disconnect, repair and renew as necessary after removal of illegal wiring and components, and provide report and NICEIC/ECA test certificate to the Client's Representative, and remove waste and debris.	IT	81.77
8950FD	TEST:OCCUPIED PROPERTY CERTIFICATE 2 BED DOM UNIT Test:Carry out test of domestic installation to occupied 2 bedroom domestic accommodation complete comprising continuity, insulation resistance, polarity, earth fault loop impedance and operation of residual current operated device, disconnect, repair and renew as necessary after removal of illegal wiring and components, and provide report and NICEIC/ECA test certificate to the Client's Representative, and remove waste and debris.	IT	81.77
8950FE	TEST:OCCUPIED PROPERTY CERTIFICATE 2 BED HOUSE Test:Carry out test of domestic installation to occupied 2 bedroom house or maisonette complete comprising continuity, insulation resistance, polarity, earth fault loop impedance and operation of residual current operated device, disconnect, repair and renew as necessary after removal of illegal wiring and components, and provide report and NICEIC/ECA test certificate to the Client's Representative, and remove waste and debris.	IT	81.77
8950FG	TEST:OCCUPIED PROPERTY CERTIFICATE 3 BED DOM UNIT Test:Carry out test of domestic installation to occupied 3 bedroom domestic accommodation complete comprising continuity, insulation resistance, polarity, earth fault loop impedance and operation of residual current operated device, disconnect, repair and renew as necessary after removal of illegal wiring and components, and provide report and NICEIC/ECA test certificate to the Client's Representative, and remove waste and debris.	IT	97.42
8950FH	TEST:OCCUPIED PROPERTY CERTIFICATE 4 BED DOM UNIT Test:Carry out test of domestic installation to occupied 4 bedroom domestic accommodation complete comprising continuity, insulation resistance, polarity, earth fault loop impedance and operation of residual current operated device, disconnect, repair and renew as necessary after removal of illegal wiring and components, and provide report and NICEIC/ECA test certificate to the Client's	IT	113.66

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ITEM	DESCRIPTION	UNIT	RATE
	Representative, and remove waste and debris.		
8950FJ	TEST:OCCUPIED PROPERTY CERTIFICATE 5 BED DOM UNIT Test:Carry out test of domestic installation to occupied 5 bedroom domestic accommodation complete comprising continuity, insulation resistance, polarity, earth fault loop impedance and operation of residual current operated device, disconnect, repair and renew as necessary after removal of illegal wiring and components, and provide report and NICEIC/ECA test certificate to the Client's Representative, and remove waste and debris.	IT	121.19
8950FK	TEST:OCCUPIED PROPERTY CERTIFICATE 6 BED HOUSE Test:Carry out test of domestic installation to occupied 6 bedroom house complete comprising continuity, insulation resistance, polarity, earth fault loop impedance and operation of residual current operated device, disconnect, repair and renew as necessary after removal of illegal wiring and components, and provide report and NICEIC/ECA test certificate to the Client's Representative, and remove waste and debris.	IT	137.43
	Testing - Unoccupied Property		
8960AA	TEST:UNOCCUPIED PROPERTY CERTIFICATE Test:Carry out test of domestic installation to unoccupied property complete comprising continuity, insulation resistance, polarity, earth fault loop impedance and operation of RCD's and RCBO's, disconnect, repair and renew and make good as necessary after removal of illegal wiring and components and provide report and test certificate in conformity to BS 7671 to the Client Representative and remove waste and debris. (Code C1 and C2 repairs indentified to be undertaken will be ordered separately by the Client's Representative and will be reimbursed at the relevant rates in this Schedule of Rates).	IT	133.61
8960BA	TEST:UNOCCUPIED PROPERTY REPORT Test:Carry out test of domestic installation to unoccupied property complete comprising continuity, insulation resistance, polarity, earth fault loop impedance and operation of RCD's and RCBO's, disconnect, repair and renew and make good as necessary after removal of illegal wiring and components and report to the Client Representative and remove waste and debris. (Code C1 and C2 repairs indentified to be undertaken will be ordered separately by the Client's Representative and will be reimbursed at the relevant rates in this Schedule of Rates).	IT	98.82
	Portable Appliance Electrical Equipment Testing		
8955AA	PORTABLE APPLIANCE:ANNUAL TEST - ONLY ITEM Portable Appliance:Annual inspection, electrical testing, certification and labelling of Client's owned portable appliance of any type, under the Electricity at Work Regulations 1989 and provide written report to Client Representative (to be claimed for each item tested and certified). (only one item tested at any one location).	IT	18.13
8955AB	PORTABLE APPLIANCE:ANNUAL TEST - 2-3 ITEMS Portable Appliance:Annual inspection, electrical testing, certification and labelling of Client's owned portable appliance of any type, under the Electricity at Work Regulations 1989 and provide written report to Client Representative (to be claimed for each item tested and certified) (2-3 items tested at one location).	NO	7.66
8955AC	PORTABLE APPLIANCE:ANNUAL TEST - 4-10 ITEMS Portable Appliance:Annual inspection, electrical testing, certification and labelling of Client's owned portable appliance of any type, under the Electricity at Work Regulations 1989 and provide written report to Client Representative (to be claimed for each item tested and certified) (4-10 items tested at one location).	NO	5.90

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ITEM	DESCRIPTION	UNIT	RATE
8955AD	PORTABLE APPLIANCE:ANNUAL TEST - OVER 10 ITEMS Portable Appliance:Annual inspection, electrical testing, certification and labelling of Client's owned portable appliance of any type, under the Electricity at Work Regulations 1989 and provide written report to Client Representative (to be claimed for each item tested and certified) (over 10 items tested at one location).	NO	4.71

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