

**ARCHITECTURAL SERVICES DEPARTMENT**

**STANDARD METHOD OF  
MEASUREMENT  
FOR  
BUILDING ELEMENTS**

**GOVERNMENT OF THE HONG KONG  
SPECIAL ADMINISTRATIVE REGION**

**ARCHITECTURAL SERVICES DEPARTMENT  
QUANTITY SURVEYING BRANCH**

**QUEENSWAY GOVERNMENT OFFICES  
66 QUEENSWAY  
HONG KONG**

**2001 EDITION**

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## **INTRODUCTION**

**This booklet contains the rules of measurement for the standard set of building elements to be used on Architectural Services Department building projects.**

### **THE PROJECT COST MODEL**

**The Project Cost Model on page (iv) shows how the total project cost is built up from those costs relating to the normal main contract (NET BUILDING COST [NBC]) which, when added to the mechanical & electrical services cost, become the GROSS BUILDING COST [GBC]. The GBC represents the cost of the structure above and below ground. However certain site development and external works costs need to be included and these are added to the GBC to compute the NET PROJECT COST [NPC]. The costs of government stores, furniture and equipment, consultant's fees and a contingency are added to calculate the GROSS PROJECT COST [GPC].**

<b>The Project Cost Model</b>
<b>01 - Preliminaries</b> plus <b>02 - Substructure</b> plus <b>03 - Superstructure</b>
<b>NET BUILDING COST</b>
plus <b>04 - Mechanical &amp; Electrical Services</b>
<b>GROSS BUILDING COST</b>
plus <b>05 - External Works &amp; Drainage</b> plus <b>06 - Site Development</b>
<b>NET PROJECT COST</b>
plus <b>07 - Stores, Furniture &amp; Equipment</b> plus <b>08 - Consultant's Fees</b> plus <b>09 - Contingency</b>
<b>GROSS PROJECT COST</b>

## **THE ELEMENT COST MODEL**

Each project cost is broken down into nine element groups. These are shown in the previous Project Cost Model and again in the Project Element Cost Model on page (vi).

Within each element group there are various elements. Each element represents a function of the building or its environs. There are thirty six basic elements representing the major cost centres of the total project.

To allow finer control over the apportionment of cost, some elements are further divided into sub-elements. This permits cost significant parts of the element to be monitored in some details. For example the Structure element is divided into Frame, Roof, Upper Floors, Structural Walls, etc. A full list of sub-elements is given in Table 1.

## **RULES OF MEASUREMENT**

### Generally

To standardise the preparation of cost analyses, measurement rules are provided. Each element/sub-element is given a measurement unit for easy cost identification. Those elements given a measurement unit of ITEM assume that a lump sum value will be allocated, thereby making it unnecessary to lay down measurement rules. On the other hand all other measurement units, e.g. M<sup>3</sup>, M<sup>2</sup>, M etc., have been given measurement rules which reflect the complexity of the measurement item.

There is also a 'definition' describing the various works which fall into each element/sub-element. The definition is not intended to be restrictive but if used with the section indicating 'exclusions', then it is not too difficult to identify the appropriate element for a particular work item.

### Definition of Construction Floor Area - CFA

CFA is the area to be used in describing the amount of building works completed. This is the sum of all areas at all floor levels, including basements, mezzanine floors, balconies and enclosed rooftop structures, measured to the outer face of the external walls including its external cladding, i.e. the main building line, and measured over all partitions, columns, internal or external structures and load-bearing walls, party walls, stair wells, lift wells, escalator openings, pipe and drain ducts, cable riser shafts and the like. Areas of bay windows are also included.

For exclusions, generally, decorative feature projections beyond the outer face of external walls such as fins, architrave, solar shading devices and the like shall be excluded from the calculation of CFA. Also excluded are uncovered trafficable roof areas such as external playgrounds, landscaped areas and the like.

# The Project Element Cost Model

<b>G R O S S  P R O J E C T  C O S T</b>	<b>N E T  P R O J E C T  C O S T</b>	<b>G R O S S  B U I L D I N G  C O S T</b>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center; vertical-align: top; width: 5%;"><b>N E T  B U I L D I N G  C O S T</b></td> <td style="width: 5%;"></td> <td style="width: 5%; text-align: center;">01</td> <td><b>PRELIMINARIES</b> PR Preliminaries</td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">02</td> <td><b>SUBSTRUCTURE</b> FN Foundations</td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">03</td> <td><b>SUPERSTRUCTURE</b> SC Structure (Reinforced Concrete) SO Structure (Other) EW External Walls (Non-structural) WD Windows and External Doors CW Curtain Walling IP Internal Partitions ID Internal Doors IF Internal Finishes EF External Finishes FF Fittings and Fixtures SV Plumbing Services BB Builders Work in Connection with Services BP Builders Profit and Attendance on M &amp; E Services</td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">04</td> <td><b>M &amp; E SERVICES</b> EE Electrics SB Low Voltage Cubicle Switchboard GE Diesel Generating Sets UP Uninterruptible Power Supply CB Broadcast Reception AC Air-conditioning TG GAS FS Fire Services MS Horizontal &amp; Vertical Movement Systems BS Building Automation SP Other Specialist Services</td> </tr> </table>	<b>N E T  B U I L D I N G  C O S T</b>		01	<b>PRELIMINARIES</b> PR Preliminaries			02	<b>SUBSTRUCTURE</b> FN Foundations			03	<b>SUPERSTRUCTURE</b> SC Structure (Reinforced Concrete) SO Structure (Other) EW External Walls (Non-structural) WD Windows and External Doors CW Curtain Walling IP Internal Partitions ID Internal Doors IF Internal Finishes EF External Finishes FF Fittings and Fixtures SV Plumbing Services BB Builders Work in Connection with Services BP Builders Profit and Attendance on M & E Services			04	<b>M &amp; E SERVICES</b> EE Electrics SB Low Voltage Cubicle Switchboard GE Diesel Generating Sets UP Uninterruptible Power Supply CB Broadcast Reception AC Air-conditioning TG GAS FS Fire Services MS Horizontal & Vertical Movement Systems BS Building Automation SP Other Specialist Services
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	09	<b>CONTINGENCY</b> CY Contingency																	



Table 1

Standard List of Elements and Sub-Elements

Major Cost Code	Minor Cost Code	Element	Sub-Element		
NET BUILDING COST	01 PRELIMINARIES	PR PRELIMINARIES			
	02 SUBSTRUCTURE	FN Foundations	FNSE Structural Elements FNBW Basements FNGF Ground Floor Slabs FNSU Foundation Sundries		
	03 SUPERSTRUCTURE	SC Structure (RC)	SCFF Frame (RC)	SCFF Frame (RC)	
			SCRf Roofs (RC)	SCRf Roofs (RC)	
			SCUF Upper Floors (RC)	SCUF Upper Floors (RC)	
			SCSW Structural Walls (RC)	SCSW Structural Walls (RC)	
			SCSL Stairs & Landings (RC)	SCSL Stairs & Landings (RC)	
			SCBR Balustrades & Handrails (RC)	SCBR Balustrades & Handrails (RC)	
			SCSU Structure Sundries (RC)	SCSU Structure Sundries (RC)	
			SO Structure (Other)	SOFF Frame (Other)	SOFF Frame (Other)
				SORF Roofs (Other)	SORF Roofs (Other)
		SOUF Upper Floors (Other)		SOUF Upper Floors (Other)	
		EW External Walls (non-structural)	SOSW Structural Walls (Other)	SOSW Structural Walls (Other)	
			SOSL Stairs & Landings (Other)	SOSL Stairs & Landings (Other)	
			SOBR Balustrades & Handrails (Other)	SOBR Balustrades & Handrails (Other)	
		SOSU Structure Sundries (Other)	SOSU Structure Sundries (Other)		
		WD Windows & External Doors			
		CW Curtain Walling			
		IP Internal Partitions			
		ID Internal Doors			
	IF Internal Finishes	IFWF Wall Finishes	IFWF Wall Finishes		
		IFFF Floor Finishes	IFFF Floor Finishes		
		IFCF Ceiling Finishes	IFCF Ceiling Finishes		
		IFSF Stair Finishes	IFSF Stair Finishes		
IFBF Balustrade & Handrail Finishes		IFBF Balustrade & Handrail Finishes			
IFSU Internal Finishes Sundries		IFSU Internal Finishes Sundries			
EF External Finishes					
EF External Finishes	EFRF Roof Finishes	EFRF Roof Finishes			
	EFWF Wall Finishes (External)	EFWF Wall Finishes (External)			
	EFFF Floor Finishes (External)	EFFF Floor Finishes (External)			
	EFCE Ceiling Finishes (External)	EFCE Ceiling Finishes (External)			
	EFSE Stair Finishes (External)	EFSE Stair Finishes (External)			
	EFBF Balustrade & Handrail Finishes (External)	EFBF Balustrade & Handrail Finishes (External)			
	EFSD External Finishes Sundries	EFSD External Finishes Sundries			
	FF Fittings and Fixtures				
SV Plumbing Services	SVRW Rainwater Installations	SVRW Rainwater Installations			
	SVSF Sanitary Fittings	SVSF Sanitary Fittings			
	SVSW Soil & Waste Installations	SVSW Soil & Waste Installations			
	SVCW Cold Water Installations	SVCW Cold Water Installations			
	SVHW Hot Water Installations	SVHW Hot Water Installations			
	SVFW Flushing Water Installations	SVFW Flushing Water Installations			
	SVFF Fire Fighting Installations	SVFF Fire Fighting Installations			
	SVRD Refuse Disposal	SVRD Refuse Disposal			
	SVSU Plumbing Services Sundries	SVSU Plumbing Services Sundries			

GROSS BUILDING COST	04 MECHANICAL & ELECTRICAL SERVICES	BB	BWIC with Services		
		BP	Builders Profit & Attendance on M & E Services		
		EE	Electrics	EEML	Incoming Mains
				EEMD	Main & Submain
				EELP	Lighting & Power
				EECC	Call Bell System
				EEOS	Electrical Works Associated with Other Services
				EETT	Trunking & Tray
				EEPR	Lightning Protection
				EEEB	Earthing & Bonding
				EEGS	Items Supplied by Government
				EESU	Electrical Sundries
				SB	Low Voltage (LV) Cubicle Switchboards
				SBSI	LV Cubicle Switchboards Installation
				SBSU	LV Cubicle Switchboards Installation Sundries
				GE	Diesel Generating Sets
				GESI	Diesel Generating Sets Installation
				GESU	Diesel Generating Sets Installation Sundries
				UP	Uninterruptible Power Supply
				UPSI	Uninterruptible Power Supply System
		UPSU	Uninterruptible Power Supply System Sundries		
		CB	Broadcast Reception		
		CBSI	Broadcast Reception Installation		
		CBSU	Broadcast Reception Installation Sundries		

		AC Air-conditioning	ACCH Chilled Water System ACCW Condenser Water System ACHW Heating Water System ACSC Steam & Condensate System ACFO Fuel Oil System ACWT Water Treatment ACAC Air Handling & Distribution System ACCD Condensate Drain System ACUA Unitary Air Conditioning System ACCR Cold Rooms ACMV Mechanical Ventillation System ACSV Staircase Ventilation System ACKE Kitchen Exhaust System ACSE Special Exhaust System ACEC Electrical & Control System ACSU Air-conditioning Sundries
		TG Gas	
		FS Fire Service	FSHH Fire Hydrant & Hosereel System FSSS Sprinkler System FSGE Gaseous Extinguishing System FSAV Audio/Visual Advisory System FSAD Automatic Fire Alarm & Detection System FSPA Portable Hand-operated Appliances FSES Electricity Supply FSCS Control System FSSU Fire Service Sundries

NET PROJECT COST	05 EXTERNAL WORKS & DRAINAGE	MS	Horizontal & Vertical Movement Systems	MSLF	Lifts
				MSCO	Conveyors
				MSES	Escalators
		BA	Building Automation		
		SP	Other Specialist Services	SPKE	Kitchen Equipment
				SPOS	Other Specialist Installations
				SPME	Mechanical Plant & Equipment
		XW	External Works	XWSP	Site Preparation
				XWRS	Retaining Structures
				XWSE	Site Enclosures & Divisions
				XWRO	Roads & Pavings
				XWHL	Hard Landscaping
				XWSL	Soft Landscaping
				XWFE	Fittings & Equipment
		XWES	External Services		
		XWUC	Unility Connections		
		XWAN	Ancillary Structures		
		DR	Drainage	DRSW	Soil & Surface Water
				DRMH	Manholes
				DRST	Sewage Treatment
				DRCH	Channels
				DRCP	Catchpits
				DRDC	Drainage Connections
	06 SITE DEVELOPMENT	SI	Site Investigation		
		SF	Site Formation		
		PI	Piling	PISP	Sheet Piling
				PIPP	Driven or Bored Piling
		CS	Caissons	CSCP	Caisson Piling
				CSCW	Caisson Contiguous Walls
GROSS PROJECT COST	07 STORES, FURNITURE & EQUIPMENT	GS	Government Stores	GSBY	Building Stores
				GSBZ	M & E Services Stores
		FE	Furniture & Equipment	FECL	Client Department
				FEDA	Domestic Appliances
	08 CONSULTANT' S FEES	CF	Consultant' s Fees	CFGX	Geotechnical Consultants
				CFAR	Architectural Consultants
				CFST	Structural Consultants
				CFBS	Building Services Consultants
				CFQS	Quantity Surveying Consultants
	09 CONTINGENCY	CY	Contingency	CFOO	Other Specialist Consultants

**GROUP ELEMENT : 01 - PRELIMINARIES**

<b>Element</b>	:	<b>PR - Preliminaries</b>
<b>Unit</b>	:	M <sup>2</sup>
<b>Rules</b>	:	Construction floor area - measured overall to the outer face of external wall.
<b>Definition</b>	:	<u>All</u> contractor's preliminary costs not otherwise included in the unit rates.
<b>Exclusions</b>	:	

**GROUP ELEMENT : 02 - SUBSTRUCTURE**

<b>Element</b>	:	<b>FN - Foundations</b>
<b>Unit</b>	:	M <sup>2</sup>
<b>Rules</b>	:	Site area of building at ground floor level - measured overall to the outer face of external wall.
<b>Definition</b>	:	Work below and including ground floor slab.
<b>Exclusions</b>	:	Internal partitions, upper suspended basement slabs, finishes etc. in basements and finishes to the ground floor slab.

<b>Sub-Element</b>	:	FNSE - Structural Elements
<b>Unit</b>	:	M <sup>2</sup>
<b>Rules</b>	:	Site area of building at ground floor level - measured overall to the outer face of external wall.
<b>Definition</b>	:	Pile caps, ground beams, tie beams, structural walls, columns etc. including excavation, blinding, concrete, reinforcement and formwork.
<b>Exclusions</b>	:	

<b>Sub-Element</b>	:	FNBW - Basements
<b>Unit</b>	:	M <sup>3</sup>
<b>Rules</b>	:	Volume of basement measured to outside face of the external wall, the top side of the basement cover slab and the underside of the basement ground floor slab.
<b>Definition</b>	:	Basements, lift and escalator pits including bulk excavation, external walls, tanking and filling around external walls. Including diaphragm walls and barrettes.
<b>Exclusions</b>	:	Internal partitions, suspended slabs, finishes etc. are to be included in the appropriate superstructure element. Lowest basement slabs to be included with ground floor slabs (see FNGF).

<b>Sub-Element</b>	:	FNGF - Ground floor slabs
<b>Unit</b>	:	M <sup>2</sup>
<b>Rules</b>	:	Area measured overall to the outer face of external wall.
<b>Definition</b>	:	Ground floor and lowest basement slabs, including reduce level excavation, hardcore filling, membranes, concrete, reinforcement and formwork. Includes thickening out for non-structural walls.
<b>Exclusions</b>	:	Ground beams (see FNSE). Service ducts (see FNSU). Upper basement floor slabs (see SCUF).

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**Element : FN - Foundations cont' d**

<b>Sub-Element</b>	:	FNSU - Foundation Sundries
<b>Unit</b>	:	ITEM
<b>Rules</b>	:	
<b>Definition</b>	:	Service ducts including excavation, concrete, reinforcement and formwork. Underpinning and all temporary support.
<b>Exclusions</b>	:	

**GROUP ELEMENT : 03 - SUPERSTRUCTURE**

<b>Element</b>	:	<b>SC - Structure (Reinforced Concrete)</b>
<b>Unit</b>	:	M <sup>2</sup>
<b>Rules</b>	:	Construction floor area - measured overall to the outer face of external wall.
<b>Definition</b>	:	All structural elements of the building above ground floor slab, constructed in reinforced concrete.
<b>Exclusions</b>	:	Steel structures, brick structures and infill walls, timber and other types of structure.

<b>Sub-Element</b>	:	SCFF - Frame (Reinforced Concrete)
<b>Unit</b>	:	M <sup>2</sup>
<b>Rules</b>	:	Construction floor area - measured overall to the outer face of external wall.
<b>Definition</b>	:	Columns and beams, fins and projections where part of columns and beams including reinforcement, formwork, fair faced formwork finishes. Portal frames. Includes pre-cast concrete units.
<b>Exclusions</b>	:	Concrete casing to steel framed buildings (see SOFF).

<b>Sub-Element</b>	:	SCRF - Roof (Reinforced Concrete)
<b>Unit</b>	:	M <sup>2</sup>
<b>Rules</b>	:	Gross roof area - measured overall on plan to outer face of external wall, rainwater gutter, verge or eaves.
<b>Definition</b>	:	Roof slabs, rainwater gutters, verge or eaves upstand kerbs including reinforcement, formwork, fair faced formwork finishes. Includes pre-cast concrete units.
<b>Exclusions</b>	:	Parapet wall (see SCSW).

<b>Sub-Element</b>	:	SCUF - Upper Floors (Reinforced Concrete)
<b>Unit</b>	:	M <sup>2</sup>
<b>Rules</b>	:	Area measured overall to the outer face of external wall.
<b>Definition</b>	:	Suspended floors, upper basement suspended floors, mezzanine floors, balcony floors including reinforcements, formwork, fair faced formwork finishes. Includes pre-cast concrete units.
<b>Exclusions</b>	:	Floor support beams (see SCFF).



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Element : SC - Structure (Reinforced Concrete) cont' d

<b>Sub-Element</b>	:	SCSW - Structural Walls (Reinforced Concrete)
<b>Unit</b>	:	M <sup>2</sup>
<b>Rules</b>	:	Measured the actual area of structural wall between columns.
<b>Definition</b>	:	Structural walls, lift shaft walls, balcony and parapet walls, fins and projections including reinforcement, formwork, fair faced formwork finishes. Includes pre-cast concrete units.
<b>Exclusions</b>	:	Columns, fins and projections where part of columns and beams, infill panel walls and other non-structural walls (see EW & IP).

<b>Sub-Element</b>	:	SCSL - Stairs & Landings (Reinforced Concrete)
<b>Unit</b>	:	M <sup>2</sup>
<b>Rules</b>	:	Measured the gross plan area at each level including intermediate landings.
<b>Definition</b>	:	Stair slabs, treads, risers, intermediate landings, strings and aprons including reinforcement, formwork, fair faced formwork finishes. Includes pre-cast concrete units.
<b>Exclusions</b>	:	Landings at floor levels (see SCUF).

<b>Sub-Element</b>	:	SCBR - Balustrades & Handrails (Reinforced Concrete)
<b>Unit</b>	:	M
<b>Rules</b>	:	Measured the length on plan of the balustrade or handrail.
<b>Definition</b>	:	Includes balustrades and handrails to stairs and other locations.
<b>Exclusions</b>	:	

<b>Sub-Element</b>	:	SCSU - Structure Sundries (Reinforced Concrete)
<b>Unit</b>	:	ITEM
<b>Rules</b>	:	
<b>Definition</b>	:	Sundry items, including planter boxes and window boxes. Expansion joints. Includes pre-cast concrete sundries.
<b>Exclusions</b>	:	Penthouses, machine rooms, stair enclosures at roof level and water tanks.

**GROUP ELEMENT : 03 - SUPERSTRUCTURE**

<b>Element</b>	:	<b>SO - Structure (Other)</b>
<b>Unit</b>	:	M <sup>2</sup>
<b>Rules</b>	:	Construction floor area - measured overall to the outer face of external wall.
<b>Definition</b>	:	All structural elements of the building above ground floor slab, constructed in materials other than reinforced concrete.
<b>Exclusions</b>	:	Reinforced concrete structure (see SC).

<b>Sub-Element</b>	:	SOFF - Frame (Other)
<b>Unit</b>	:	M <sup>2</sup>
<b>Rules</b>	:	Construction floor area - measured overall to the outer face of external wall.
<b>Definition</b>	:	For structural steel: columns, beams and trusses including concrete or other fire protection, reinforcement, formwork, fair faced formwork finishes. For timber: posts, beams and trusses. For brick/masonry: columns, piers and arches. Portal frames.
<b>Exclusions</b>	:	For timber: joists and rafters (see SOUF & SORF).

<b>Sub-Element</b>	:	SORF - Roof (Other)
<b>Unit</b>	:	M <sup>2</sup>
<b>Rules</b>	:	Gross roof area - measured overall on plan to outer face of external wall, verge or eaves.
<b>Definition</b>	:	Roofs of steel, timber or other material (excluding reinforced concrete).
<b>Exclusions</b>	:	For timber or other roofs: timber board or other sheet or proprietary roof covering to be included in the relevant finishes section (see EFRF).

<b>Sub-Element</b>	:	SOUF - Upper Floors (Other)
<b>Unit</b>	:	M <sup>2</sup>
<b>Rules</b>	:	Area measured overall to the outer face of external wall.
<b>Definition</b>	:	Suspended floors, mezzanine floors, balcony floors, of steel, timber or other materials (excluding reinforced concrete). Proprietary floors including concrete topping.
<b>Exclusions</b>	:	

<b>Sub-Element</b>	:	SOSW - Structural Walls (Other)
<b>Unit</b>	:	M <sup>2</sup>
<b>Rules</b>	:	Measured the actual area of structural wall between columns.
<b>Definition</b>	:	Structural walls of steel, timber, brick, masonry or other materials (excluding reinforced concrete).
<b>Exclusions</b>	:	Finishes, unless part of a proprietary system. Non-structural walls.

Element : SO - Structure (Other) cont' d

<b>Sub-Element</b>	:	SOSL - Stairs and Landings (Other)
<b>Unit</b>	:	M <sup>2</sup>
<b>Rules</b>	:	Measured the gross plan area at each level including intermediate landings.
<b>Definition</b>	:	Includes treads, risers, intermediate landings, strings and aprons.
<b>Exclusions</b>	:	Landings at floor level and finishes. Reinforced concrete stairs and landings (see SCSL).

<b>Sub-Element</b>	:	SOBR - Balustrades and Handrails (Other)
<b>Unit</b>	:	M
<b>Rules</b>	:	Measured the length on plan of the balustrade or handrail.
<b>Definition</b>	:	Includes balustrades and handrails to stairs and other locations.
<b>Exclusions</b>	:	Reinforced concrete balustrades and handrails (see SCBR).

<b>Sub-Element</b>	:	SOSU - Structure Sundries (Other)
<b>Unit</b>	:	ITEM
<b>Rules</b>	:	
<b>Definition</b>	:	Roof lights and lantern lights including framing and glass. Includes other structure sundries (excluding reinforced concrete).
<b>Exclusions</b>	:	

**GROUP ELEMENT : 03 - SUPERSTRUCTURE**

<b>Element</b>	:	<b>EW - External Walls (Non-structural)</b>
<b>Unit</b>	:	M <sup>2</sup>
<b>Rules</b>	:	Measured the actual area of external wall between columns.
<b>Definition</b>	:	Includes all non-structural external walls, cladding, infill panel walls, balcony and parapet walls (other than in reinforced concrete).
<b>Exclusions</b>	:	Windows and external doors. Curtain walling. Finishes (see WD, CW & EFWF).

**GROUP ELEMENT : 03 - SUPERSTRUCTURE**

<b>Element</b>	:	<b>WD - Windows and External Doors</b>
<b>Unit</b>	:	M <sup>2</sup>
<b>Rules</b>	:	Measured the gross area of windows and external doors.
<b>Definition</b>	:	Windows and external doors including all glass, ironmongery, louvres, fixings, trimmings, decoration and other associated works. Roller shutter doors and folding doors.
<b>Exclusions</b>	:	Curtain walling, venetian blinds, curtains, curtain tracks and pelmets (see CW & FF). Finishes to reveals.

**GROUP ELEMENT : 03 - SUPERSTRUCTURE**

<b>Element</b>	:	<b>CW - Curtain Walling</b>
<b>Unit</b>	:	M <sup>2</sup>
<b>Rules</b>	:	Measured the gross area of wall covering including all openings in the same system.
<b>Definition</b>	:	Curtain walling including all glass, panelling, louvres, trimmings, fixings, doors, ironmongery, decoration and other associated works.
<b>Exclusions</b>	:	

**GROUP ELEMENT : 03 - SUPERSTRUCTURE**

<b>Element</b>	:	<b>IP - Internal Partitions</b>
<b>Unit</b>	:	M <sup>2</sup>
<b>Rules</b>	:	Measured the gross area of internal partitions between columns over door openings and borrowed lights.
<b>Definition</b>	:	Non-structural internal walls and partitions including glazed screens, demountable partitions, proprietary toilet and shower cubicles including doors to same. Liftshaft walls other than reinforced concrete.
<b>Exclusions</b>	:	Internal doors with fanlights and/or sidelights including doors in demountable partitions. Folding or sliding doors forming partitions, roller shutters (see ID). Fire stops and sound barriers in ceiling spaces (see IFCF). Wall finishes (see IFWF).

**GROUP ELEMENT : 03 - SUPERSTRUCTURE**

<b>Element</b>	:	<b>ID - Internal Doors</b>
<b>Unit</b>	:	Nr.
<b>Rules</b>	:	Measured the total number of doors.
<b>Definition</b>	:	All internal doors including frames, architraves, finishes, glazing, fanlights, sidelights, panels over doors (door sets) and ironmongery. Folding and sliding doors, fire doors, strongroom doors, roller shutter doors, wall hatches and duct doors.
<b>Exclusions</b>	:	Doors to proprietary toilet and shower cubicles, partitions etc. (see IP). Doors to fittings and fixtures (see FF).



**GROUP ELEMENT : 03 - SUPERSTRUCTURE**

<b>Element</b>	:	<b>IF - Internal Finishes</b>
<b>Unit</b>	:	M <sup>2</sup>
<b>Rules</b>	:	Measured the actual area of internal finish.
<b>Definition</b>	:	Includes all necessary preparatory work (e.g. spatterdash), expansion joints, plasterbeads, stops and the like, and decoration.
<b>Exclusions</b>	:	

<b>Sub-Element</b>	:	IFWF - Wall Finishes
<b>Unit</b>	:	M <sup>2</sup>
<b>Rules</b>	:	Measured the actual area of wall finish.
<b>Definition</b>	:	Includes plaster, tiles, linings, insulation and grounds behind linings and other decorations; skirtings, dado rails and the like. Finishes to stairwell walls.
<b>Exclusions</b>	:	Finishes to demountable partitions (see IP). Cornices (see IFCF). Integral skirtings (see IFFF). Finishes to balustrades and handrails (see IFBF).

<b>Sub-Element</b>	:	IFFF - Floor Finishes
<b>Unit</b>	:	M <sup>2</sup>
<b>Rules</b>	:	Measured the actual area of floor finish.
<b>Definition</b>	:	Includes screeds, surface finishes, integral skirtings (i.e. same material as floor finish), matwells, threshold and junction strips. False floors laid over structural floors (e.g. computer flooring).
<b>Exclusions</b>	:	Stair finishes to treads, risers and intermediate landings.

<b>Sub-Element</b>	:	IFCF - Ceiling Finishes
<b>Unit</b>	:	M <sup>2</sup>
<b>Rules</b>	:	Measured the actual area of ceiling finish.
<b>Definition</b>	:	Includes suspended ceilings, framings and supports, ceiling and beam linings, insulation and grounds behind linings, cornices, ceilings access panels, fire stops and sound barriers in ceiling spaces together with framing.
<b>Exclusions</b>	:	Soffits of stairs and intermediate landings (see IFSF).

Element : IF - Internal Finishes cont' d

<b>Sub-Element</b>	:	IFSF - Stair Finishes
<b>Unit</b>	:	M <sup>2</sup>
<b>Rules</b>	:	Measured the gross plan area at each level including intermediate landings.
<b>Definition</b>	:	Finishes to treads and risers including nosings, landings, strings and aprons, and soffits of stairs and landings.
<b>Exclusions</b>	:	Finishes to landings at floor levels (see IFFF) and to stairwell walls (see IFWF).

<b>Sub-Element</b>	:	IFBF - Balustrade & Handrail Finishes
<b>Unit</b>	:	M <sup>2</sup>
<b>Rules</b>	:	Measured the actual area of balustrade and handrail finish.
<b>Definition</b>	:	Finishes to balustrading and handrails including both sides and top of balustrading.
<b>Exclusions</b>	:	

<b>Sub-Element</b>	:	IFSU - Internal Finishes Sundries
<b>Unit</b>	:	ITEM
<b>Rules</b>	:	
<b>Definition</b>	:	Includes finishes to art works and the like.
<b>Exclusions</b>	:	

**GROUP ELEMENT : 03 - SUPERSTRUCTURE**

<b>Element</b>	:	<b>EF - External Finishes</b>
<b>Unit</b>	:	M <sup>2</sup>
<b>Rules</b>	:	Measured the actual area of external finish.
<b>Definition</b>	:	Includes all necessary preparatory work (e.g. spatterdash), expansion joints, plasterbeads, stops and the like, and decoration.
<b>Exclusions</b>	:	

<b>Sub-Element</b>	:	EFRF - Roof Finishes
<b>Unit</b>	:	M <sup>2</sup>
<b>Rules</b>	:	Measured the actual area of roof finish.
<b>Definition</b>	:	Complete weather-proof covering to all types of roofs, balconies and decks including coverings, sheetings, flashings, skirtings, gutters, screeds and insulation.
<b>Exclusions</b>	:	Tile or other types of finish placed on top of the water-proofing when roof, balcony or deck is used for foot traffic and the like (see EFFF).

<b>Sub-Element</b>	:	EFWF - Wall Finishes (External)
<b>Unit</b>	:	M <sup>2</sup>
<b>Rules</b>	:	Measured the actual area of wall finish.
<b>Definition</b>	:	Includes finishes to all fins and other features including both sides and top of balcony and parapet walls. Skirtings, dado rails and the like.
<b>Exclusions</b>	:	

<b>Sub-Element</b>	:	EFFF - Floor Finishes (External)
<b>Unit</b>	:	M <sup>2</sup>
<b>Rules</b>	:	Measured the actual area of floor finish.
<b>Definition</b>	:	Finishes to roofs, balconies and decks where exposed to foot traffic and the like.
<b>Exclusions</b>	:	Weather-proofing to roofs, balconies and decks (see EFRF).

<b>Sub-Element</b>	:	EFCF - Ceiling Finishes (External)
<b>Unit</b>	:	M <sup>2</sup>
<b>Rules</b>	:	Measured the actual area of ceiling finish.
<b>Definition</b>	:	Finishes to external soffits, balcony soffits and the like.
<b>Exclusions</b>	:	Finishes to soffits of projecting fins, planters etc. on external walls (see EFWF).

Element : EF - External Finishes cont' d

<b>Sub-Element</b>	:	EFSF - Stair Finishes (External)
<b>Unit</b>	:	M <sup>2</sup>
<b>Rules</b>	:	Measured the gross plan area at each level including intermediate landings.
<b>Definition</b>	:	Finishes to treads and risers including nosings, landings, strings, aprons and soffits of stairs and landings.
<b>Exclusions</b>	:	Finishes to landings at floor levels (see EFFF) and to stairwell walls (see EFWF).

<b>Sub-Element</b>	:	EFBF - Balustrade & Handrail Finishes (External)
<b>Unit</b>	:	M <sup>2</sup>
<b>Rules</b>	:	Measured the actual area of balustrade and handrail finish.
<b>Definition</b>	:	Finishes to balustrading and handrails including both sides and top of balustrading.
<b>Exclusions</b>	:	

<b>Sub-Element</b>	:	EFSU - External Finishes Sundries
<b>Unit</b>	:	ITEM
<b>Rules</b>	:	
<b>Definition</b>	:	Includes finishes to art works and the like.
<b>Exclusions</b>	:	

**GROUP ELEMENT : 03 - SUPERSTRUCTURE**

<b>Element</b>	:	<b>FF - Fittings and Fixtures</b>
<b>Unit</b>	:	M <sup>2</sup>
<b>Rules</b>	:	Construction floor area - measured overall to the outer face of external wall.
<b>Definition</b>	:	Includes wardrobes, cupboards, shelving, shelving units, sinks, vanity and bench units, lockers, fixed desks, cloakroom fittings, benches and seating, counters, bars, chalkboards, projection screens, notice boards, curtain track and pelmets, mirrors, towel rails, hose reel cabinets, storage racks and the like. Cat ladders, cat walks and the like. All finishes.
<b>Exclusions</b>	:	Sanitary fittings (see SVSF). Electrical fittings (see EEEL). Services to fittings and fixtures (see SV, EE, AC, TG, FS & SP).

**GROUP ELEMENT : 03 - SUPERSTRUCTURE**

<b>Element</b>	:	<b>SV - Plumbing Services</b>
<b>Unit</b>	:	M <sup>2</sup>
<b>Rules</b>	:	Construction floor area - measured overall to the outer face of external wall.
<b>Definition</b>	:	Water supply services, sanitary fittings and waste plumbing, including rainwater and refuse disposal.
<b>Exclusions</b>	:	Site mains (see XWES), water connections (see XWUC) and concrete roof tanks (see SCSU).

<b>Sub-Element</b>	:	SVRW - Rainwater Installation
<b>Unit</b>	:	M
<b>Rules</b>	:	Measured the gross length of all rainwater pipes and gutters.
<b>Definition</b>	:	Eaves gutters and down pipes.
<b>Exclusions</b>	:	Integral roof gutters (see SCRF & EFRF).

<b>Sub-Element</b>	:	SVSF - Sanitary Fittings
<b>Unit</b>	:	Nr.
<b>Rules</b>	:	The total number of sanitary fittings.
<b>Definition</b>	:	Sanitary fittings including sinks, basins, WCs, urinals, complete with taps, traps, cisterns etc.
<b>Exclusions</b>	:	Special kitchen equipment (see SPKE).

<b>Sub-Element</b>	:	SVSW - Soil and Waste Installation
<b>Unit</b>	:	Nr.
<b>Rules</b>	:	The total number of individual soil sanitary fittings.
<b>Definition</b>	:	Includes all types of pipes, fittings and fixings; support systems.
<b>Exclusions</b>	:	

<b>Sub-Element</b>	:	SVCW - Cold Water Installation
<b>Unit</b>	:	Nr.
<b>Rules</b>	:	The total number of individual outlets.
<b>Definition</b>	:	Includes all types of pipes, fittings and fixings; support systems.
<b>Exclusions</b>	:	

Element : SV - Plumbing Services cont' d

<b>Sub-Element</b>	:	SVHW - Hot Water Installation
<b>Unit</b>	:	Nr.
<b>Rules</b>	:	The total number of individual outlets.
<b>Definition</b>	:	Includes all types of pipes, fittings and fixings; support systems.
<b>Exclusions</b>	:	

<b>Sub-Element</b>	:	SVFW - Flushing Water Installation
<b>Unit</b>	:	Nr.
<b>Rules</b>	:	The total number of individual outlets.
<b>Definition</b>	:	Includes all types of pipes, fittings and fixings; support systems.
<b>Exclusions</b>	:	

<b>Sub-Element</b>	:	SVFF - Fire Fighting Installation
<b>Unit</b>	:	ITEM
<b>Rules</b>	:	
<b>Definition</b>	:	The main riser to the roof tanks.
<b>Exclusions</b>	:	Sprinkler system. Feeds to hose reels etc. (see FS). Hose reel cabinets (see FF). Alarm systems (see FS).

<b>Sub-Element</b>	:	SVRD - Refuse Disposal
<b>Unit</b>	:	Nr.
<b>Rules</b>	:	Measured the total number of refuse disposal hoppers.
<b>Definition</b>	:	Refuse chutes, fittings and fixtures.
<b>Exclusions</b>	:	

<b>Sub-Element</b>	:	SVSU - Plumbing Services Sundries
<b>Unit</b>	:	ITEM
<b>Rules</b>	:	
<b>Definition</b>	:	Includes connecting client provided appliances and the like.
<b>Exclusions</b>	:	

**GROUP ELEMENT : 03 - SUPERSTRUCTURE**

<b>Element</b>	:	<b>BB - Builder's Work in Connection with Services</b>
<b>Unit</b>	:	Item
<b>Rules</b>	:	
<b>Definition</b>	:	All items required to be carried out by the builder as a direct result of a services or specialist services installation. All holes, pipe sleeves, etc. and the like. Painting on pipes.
<b>Exclusions</b>	:	Service ducts below ground floor slab (see FNSU). External services trenches (see XWES). Water tanks (see SCSU).



**GROUP ELEMENT : 03 - SUPERSTRUCTURE**

<b>Element</b>	:	<b>BP - Builder's Profit &amp; Attendance on Mechanical &amp; Electrical Services</b>
<b>Unit</b>	:	ITEM
<b>Rules</b>	:	
<b>Definition</b>	:	Sum required by builder for profit and attendance on nominated subcontractors and separate contracts.
<b>Exclusions</b>	:	

**GROUP ELEMENT : 04 - MECHANICAL & ELECTRICAL SERVICES**

<b>Element</b>	: EE - Electrics
<b>Unit</b>	: ITEM
<b>Rules</b>	:
<b>Definition</b>	: Includes for all works associated with the supply of electrical power. Additionally those works involved with the provision of call bell system and lightning protection system.
<b>Exclusions</b>	: Utility connections (see XWUC). Builder's work (see BB & BP).

<b>Sub-Element</b>	: EEML - Incoming Mains
<b>Unit</b>	: kVA
<b>Rules</b>	: Total maximum designed capacity of the incoming mains.
<b>Definition</b>	: Includes for all works in connection with incoming electricity supply.
<b>Exclusions</b>	: Utility connections (see XWUC). Builder' s work (see BB & BP).

<b>Sub-Element</b>	: EEMD - Main & Submain
<b>Unit</b>	: Nr.
<b>Rules</b>	: Measured the total number of local distribution boards.
<b>Definition</b>	: Includes for all works for the distribution of electricity from the main low voltage switchboard to submain and final circuit distribution boards or equipment including busbar trunkings, cables, cabling facilities, switchgears and distribution boards.
<b>Exclusions</b>	: Builder's work (see BB & BP).

Element : EE - Electrics cont' d

<b>Sub-Element</b>	:	EELP - Lighting and Power
<b>Unit</b>	:	Item
<b>Rules</b>	:	
<b>Definition</b>	:	Includes for all works for the installation of lighting points, power points, luminaires, accessories and electrical appliances including trunkings, cables and cabling facilities .
<b>Exclusions</b>	:	Builder's work (see BB & BP).

<b>Sub-Element</b>	:	EECC – Call Bell System
<b>Unit</b>	:	Nr.
<b>Rules</b>	:	Measured the total number of outlet points.
<b>Definition</b>	:	Includes for all works associated with the installation of call bell system
<b>Exclusions</b>	:	Builder's work (see BB & BP).

<b>Sub-Element</b>	:	EEOS - Electrical Works associated with Other Services
<b>Unit</b>	:	Nr
<b>Rules</b>	:	Measured the total number of outlet points
<b>Definition</b>	:	Includes for all works associated with the installation of cabling facilities for other trades such as telephone and PABX system, public address system, CCTV system including the installation of trunkings, ducts, trays, cable ladders, conduits and outlet boxes.
<b>Exclusions</b>	:	Builder's work (see BB & BP).

<b>Sub-Element</b>	:	EETT - Trunking and Tray
<b>Unit</b>	:	ITEM
<b>Rules</b>	:	
<b>Definition</b>	:	Includes for all works associated with the installation of cabling facilities associated with more than one system including the installation of trunkings, ducts, trays, cable ladders, conduits and outlet boxes.
<b>Exclusions</b>	:	Builder's work (see BB & BP).

Element : EE - Electrics cont' d

<b>Sub-Element</b>	: EEPR - Lightning Protection
<b>Unit</b>	: M <sup>2</sup>
<b>Rules</b>	: Roof area - measured overall to the outer face of external wall.
<b>Definition</b>	: Includes for all works associated with the installation of lightning protection system including air termination, down conductors and earth electrodes.
<b>Exclusions</b>	: Builder's work (see BB & BP).

<b>Sub-Element</b>	: EEEB - Earthing and Bonding
<b>Unit</b>	: ITEM
<b>Rules</b>	:
<b>Definition</b>	: Includes for all works associated with the installation of earthing and bonding system including equipotential bonding and earth electrodes.
<b>Exclusions</b>	: Builder's work (see BB & BP).

<b>Sub-Element</b>	: EEGS - Items Supplied by Government
<b>Unit</b>	: ITEM
<b>Rules</b>	:
<b>Definition</b>	: Includes for all works associated with the fixing only of the items supplied by government.
<b>Exclusions</b>	: Builder's work (see BB & BP).

<b>Sub-Element</b>	: EESU - Electrics Sundries
<b>Unit</b>	: ITEM
<b>Rules</b>	:
<b>Definition</b>	: Includes for all miscellaneous work associated with the electrical installation including marking the position of holes, mortices, chases and the like in the structure, testing and commissioning, preparation of working drawings, builder's work drawings, "as fitted" drawings and design drawings, provision of mock-ups and/or prototypes, maintenance service other than that require under the defects liability as stipulated in the General Conditions of Contract, tuition of Employer's staff, provision of manuals, fabricated composite support structure, supply conduit and cable sleeves for fixing by other trades, and fire stopping.
<b>Exclusions</b>	: Builder's work (see BB & BP).

**GROUP ELEMENT : 04 - MECHANICAL & ELECTRICAL SERVICES**

<b>Element</b>	: SB – Low Voltage (LV) Cubicle Switchboards
<b>Unit</b>	: ITEM
<b>Rules</b>	:
<b>Definition</b>	: Includes for all work and sundry items in connection with the low voltage cubicle switchboards.
<b>Exclusions</b>	: Utility connection (see XWUC). Builder’s work (see BB & BP).

<b>Sub-Element</b>	: SBSI – LV Cubicle Switchboards Installation
<b>Unit</b>	: Ampere
<b>Rules</b>	: Total maximum current carrying capacity of the switchboards.
<b>Definition</b>	: Includes for all work in connection with the low voltage cubicle switchboards.
<b>Exclusions</b>	: Utility connection (see XWUC). Builder’s work (see BB & BP).

<b>Sub-Element</b>	: SBSU – LV Cubicle Switchboards Installation Sundries
<b>Unit</b>	: ITEM
<b>Rules</b>	:
<b>Definition</b>	: Includes for all miscellaneous work associated with the low voltage cubicle switchboards installation including marking the position of holes, mortices, chases and the like in the structure, testing and commissioning, earthing and bonding, preparation of working drawings, builders’ work drawings, “as fitted” drawings and design drawings, provision of mock-ups and/or prototypes, maintenance service other than require under the defects liability as stipulated in the General Conditions of Contract, tuition of Employer’s staff , provision of manuals, supply conduit and cable sleeves for fixing by other trades, and fire stopping.
<b>Exclusions</b>	: Builder’s work (see BB & BP).

**GROUP ELEMENT : 04 - MECHANICAL & ELECTRICAL SERVICES**

<b>Element</b>	: GE – Diesel Generating Sets
<b>Unit</b>	: ITEM
<b>Rules</b>	:
<b>Definition</b>	: Includes for all work associated with the diesel generator sets installation and sundry items.
<b>Exclusions</b>	: Builder’ s work (see BB& BP).

<b>Sub-Element</b>	: GESI – Diesel Generating Sets Installation
<b>Unit</b>	: KVA
<b>Rules</b>	: Total maximum designed capacity of the diesel generator sets.
<b>Definition</b>	: Includes for all work associated with the diesel generator sets installation.
<b>Exclusions</b>	: Builder’ s work (see BB& BP).

<b>Sub-Element</b>	: GESU – Diesel Generating Sets Sundries
<b>Unit</b>	: ITEM
<b>Rules</b>	:
<b>Definition</b>	: Includes for all miscellaneous work associated with diesel generator sets installation including marking the position of holes, mortices, chases and the like in the structure, testing and commissioning, earthing and bonding, preparation of working drawings, builders’ work drawings, “as fitted” drawings and design drawings, provision of mock-ups and/or prototypes, maintenance service other than require under the defects liability as stipulated in the General Conditions of Contract, tuition of Employer’ s staff , provision of manuals, supply conduit and cable sleeves for fixing by other trades, and fire stopping.
<b>Exclusions</b>	: Builder’ s work (see BB & BP).

**GROUP ELEMENT : 04 - MECHANICAL & ELECTRICAL SERVICES**

<b>Element</b>	: <b>UP – Uninterruptible Power Supply</b>
<b>Unit</b>	: ITEM
<b>Rules</b>	:
<b>Definition</b>	: Includes for all work and sundry items associated with the installation of uninterruptible power supply system.
<b>Exclusions</b>	: Builder’ s work (see BB & BP).

<b>Sub-Element</b>	: UPSI – Uninterruptible Power Supply System
<b>Unit</b>	: KVA
<b>Rules</b>	: Total maximum designed capacity of the uninterruptible power supply equipment.
<b>Definition</b>	: Includes for all work associated with the installation of uninterruptible power supply system.
<b>Exclusions</b>	: Builder’ s work (see BB & BP).

<b>Sub-Element</b>	: UPSU – Uninterruptible Power Supply System Sundries
<b>Unit</b>	: ITEM
<b>Rules</b>	:
<b>Definition</b>	: Includes for all miscellaneous work associated with uninterruptible power supply system installation including marking the position of holes, mortices, chases and the like in the structure, testing and commissioning, earthing and bonding, preparation of working drawings, builders’ work drawings, “as fitted” drawings and design drawings, provision of mock-ups and/or prototypes, maintenance service other than require under the defects liability as stipulated in the General Conditions of Contract, tuition of Employer’ s staff , provision of manuals, supply conduit and cable sleeves for fixing by other trades, and fire stopping.
<b>Exclusions</b>	: Builder’ s work (see BB & BP).

**GROUP ELEMENT : 04 - MECHANICAL & ELECTRICAL SERVICES**

<b>Element</b>	: <b>CB – Broadcast Reception</b>
<b>Unit</b>	: ITEM
<b>Rules</b>	:
<b>Definition</b>	: Includes for all work and sundry items associated with the installation of broadcast reception system.
<b>Exclusions</b>	: Builder’ s work (see BB & BP).

<b>Sub-Element</b>	: CBSI – Broadcast Reception Installation
<b>Unit</b>	: Nr.
<b>Rules</b>	: Measured the total number of service points.
<b>Definition</b>	: Includes for all work associated with the installation of broadcast reception system.
<b>Exclusions</b>	: Builder’ s work (see BB & BP).

<b>Sub-Element</b>	: CBSU – Broadcast Reception Installation Sundries
<b>Unit</b>	: ITEM
<b>Rules</b>	:
<b>Definition</b>	: Includes for all miscellaneous work associated with broadcast reception installation including marking the position of holes, mortices, chases and the like in the structure, testing and commissioning, earthing and bonding, preparation of working drawings, builders’ work drawings, “as fitted” drawings and design drawings, provision of mock-ups and/or prototypes, maintenance service other than require under the defects liability as stipulated in the General Conditions of Contract, tuition of Employer’ s staff, provision of manuals, supply conduit and cable sleeves for fixing by other trades, and fire stopping.
<b>Exclusions</b>	: Builder’ s work (see BB & BP).



**GROUP ELEMENT : 04 - MECHANICAL & ELECTRICAL SERVICES**

<b>Element</b>	: AC - Air Conditioning
<b>Unit</b>	: ITEM
<b>Rules</b>	:
<b>Definition</b>	: Includes for all works associated with the provision of mechanical ventilation and air-conditioning including all pipework, insulation, ducting, fan motors, chillers and other plant and equipment, including boilers and unitary air conditioners.
<b>Exclusions</b>	: Builder's work (see BB & BP).

<b>Sub-Element</b>	: ACCH - Chilled Water System
<b>Unit</b>	: kW
<b>Rules</b>	: Measured the total cooling capacity of chillers.
<b>Definition</b>	: Includes for all works associated with the chilled water system including chillers, water pumps, all pipework, fittings, insulation and valves.
<b>Exclusions</b>	: Builder's work (see BB & BP).

<b>Sub-Element</b>	: ACCW - Condenser Water System
<b>Unit</b>	: kW
<b>Rules</b>	: Measured the total heat rejection capacity of condensers.
<b>Definition</b>	: Includes for all works associated with the condenser water system including condensers, water pumps, all pipework, fittings and valves.
<b>Exclusions</b>	: Builder's work (see BB & BP).

<b>Sub-Element</b>	: ACHW - Heating Water System
<b>Unit</b>	: kW
<b>Rules</b>	: Measured the total heating capacity of heating water system.
<b>Definition</b>	: Includes for all works associated with the heating water system including hot water boilers, flue, calorifiers, water pumps, all pipework, fittings, valves and insulation.
<b>Exclusions</b>	: Builder's work (see BB & BP).

Element : AC - Air conditioning cont' d

<b>Sub-Element</b>	: ACSC - Steam and Condensate System
<b>Unit</b>	: kW
<b>Rules</b>	: Measured the total heating capacity of the steam supply system.
<b>Definition</b>	: Includes for all works associated with the steam and condensate system including steam boilers, flue, calorifiers, water pumps, all pipework, fittings, insulation, valves and steam traps.
<b>Exclusions</b>	: Builder's work (see BB & BP).

<b>Sub-Element</b>	: ACFO - Fuel Oil System
<b>Unit</b>	: ITEM
<b>Rules</b>	:
<b>Definition</b>	: Includes for all works associated with the provision of fuel oil supply to heating water system and steam supply system including fuel storage tank, fuel pumps, all pipework, fittings and valves.
<b>Exclusions</b>	: Builder's work (see BB & BP).

<b>Sub-Element</b>	: ACWT - Water Treatment
<b>Unit</b>	: ITEM
<b>Rules</b>	:
<b>Definition</b>	: Includes for all works and services associated with water treatment of air conditioning system including metering pumps, chemical storage, electrochemical chlorinator, pipework, fittings and valves.
<b>Exclusions</b>	: Builder's work (see BB & BP).

<b>Sub-Element</b>	: ACAC - Air Handling and Distribution System
<b>Unit</b>	: kW
<b>Rules</b>	: Measured the total cooling capacity of air handling equipment.
<b>Definition</b>	: Includes for all works associated with air handling and distribution installation including air handling units, fan coil units, variable air volume boxes, ventilation fans, air grilles and registers, air ducts, insulation, filters and dampers.
<b>Exclusions</b>	: Builder's work (see BB & BP).

Element : AC - Air conditioning cont' d

<b>Sub-Element</b>	: ACCD - Condensate Drain System
<b>Unit</b>	: ITEM
<b>Rules</b>	:
<b>Definition</b>	: Includes for all works associated with condensate drain system including pipeworks, fittings, valves and insulation.
<b>Exclusions</b>	: Builder's work (see BB & BP).

<b>Sub-Element</b>	: ACUA - Unitary Air Conditioning System
<b>Unit</b>	: kW
<b>Rules</b>	: Measured the total cooling capacity of unitary air conditioning system.
<b>Definition</b>	: Includes for all works associated with unitary air conditioning system including condensing units, direct expansion units, pipework, fittings, valves and insulation.
<b>Exclusions</b>	: Builder's work (see BB & BP).

<b>Sub-Element</b>	: ACCR - Cold Rooms
<b>Unit</b>	: M <sup>3</sup>
<b>Rules</b>	: Measured the total internal volume of cold rooms.
<b>Definition</b>	: Includes for all works associated with cold room installation including cold room, refrigeration plant, pipework, fittings, valves and insulation.
<b>Exclusions</b>	: Builder's work (see BB & BP).

<b>Sub-Element</b>	: ACMV - Mechanical Ventilation System
<b>Unit</b>	: ITEM
<b>Rules</b>	:
<b>Definition</b>	: Includes for all works associated with mechanical ventilation installation including ventilation fans, ductwork, air grilles and registers, filters, dampers and insulation.
<b>Exclusions</b>	: Builder's work (see BB & BP).

<b>Sub-Element</b>	: ACSV - Staircase Ventilation System
<b>Unit</b>	: M <sup>2</sup>
<b>Rules</b>	: Measured the actual floor area of the staircase.
<b>Definition</b>	: Includes for all works associated with staircase pressurisation installation including ventilation fans, ductwork, air grilles and registers, filters and dampers.
<b>Exclusions</b>	: Builder's work (see BB & BP).

Element : AC - Air conditioning cont' d

<b>Sub-Element</b>	: ACKE - Kitchen Exhaust System
<b>Unit</b>	: M <sup>2</sup>
<b>Rules</b>	: Measured the actual floor area of kitchen.
<b>Definition</b>	: Includes for all works associated with kitchen ventilation and kitchen exhaust purification installation including water scrubbers, exhaust hoods, hydro-vent units, roof extractors, ventilation fans, ductwork, air grilles and registers, filters and dampers.
<b>Exclusions</b>	: Builder's work (see BB & BP).

<b>Sub-Element</b>	: ACSE - Special Exhaust System
<b>Unit</b>	: ITEM
<b>Rules</b>	:
<b>Definition</b>	: Includes for all works associated with ventilating installation specifically designed for removal of toxic fumes or irritating gases including vehicular exhausts, bio-incinerator exhausts, ventilation fans, ductwork, air grilles and registers, filters and dampers.
<b>Exclusions</b>	: Builder's work (see BB & BP).

<b>Sub-Element</b>	: ACEC - Electrical and Control System
<b>Unit</b>	: Percentage
<b>Rules</b>	: Measured the percentage value of electrical and control system cost to total air conditioning installation cost.
<b>Definition</b>	: Includes for all works associated with the provision of electrical supply and control of the total air conditioning installation including control cubicle and panels, power and control cables, cabling facilities, sensing devices, central control and monitoring equipment.
<b>Exclusions</b>	: Builder's work (see BB & BP).

<b>Sub-Element</b>	: ACSU - Air conditioning Sundries
<b>Unit</b>	: Item
<b>Rules</b>	:
<b>Definition</b>	: Includes for all miscellaneous work associated with the air conditioning installation including marking the position of holes, mortices, chases and the like in the structure, testing and commissioning, preparation of working drawings, builder's work drawings, "as fitted" drawings and design drawings, provision of mock-ups and/or prototypes, maintenance service other than that require under the defects liability as stipulated in the General Conditions of Contract, tuition of Employer's staff, provision of manuals, fabricated composite support structure, supply conduit, cable and pipe sleeves for fixing by other trades and fire stopping.
<b>Exclusions</b>	: Builder's work (see BB & BP).

**GROUP ELEMENT : 04 - MECHANICAL & ELECTRICAL SERVICES**

<b>Element</b>	: <b>TG - Gas Installation</b>
<b>Unit</b>	: Nr.
<b>Rules</b>	: Measured the total number of individual service points.
<b>Definition</b>	: Includes for all works associated with the provision of piped or bottle gas including distribution pipework, meters and equipment.
<b>Exclusions</b>	: Utility connection (see XWUC). Builder's work (see BB & BP).

**GROUP ELEMENT : 04 - MECHANICAL & ELECTRICAL SERVICES**

<b>Element</b>	: FS - Fire Services
<b>Unit</b>	: ITEM
<b>Rules</b>	:
<b>Definition</b>	: Includes for all works associated with fire fighting, detection, alarming and advisory installation.
<b>Exclusions</b>	: Utility connections (see XWUC). Main riser to roof tanks (see SVFF). Fire stops in ceilings (see IFCF). Builder's work (see BB & BP).

<b>Sub-Element</b>	: FSHH - Fire Hydrant & Hosereel System
<b>Unit</b>	: ITEM
<b>Rules</b>	:
<b>Definition</b>	: Includes for all works associated with fire hydrant and hosereel installation including pipework, fittings, valves, water pumps, hydrant outlets, fire services inlets and hosereels.
<b>Exclusions</b>	: Builder's work (see BB & BP)

<b>Sub-Element</b>	: FSSS - Sprinkler System
<b>Unit</b>	: Nr.
<b>Rules</b>	: Measured the total number of sprinkler heads.
<b>Definition</b>	: Includes for all works associated with water sprinkler installation including pipework, fittings, valves, sprinkler heads, water pumps, sprinkler water inlets.
<b>Exclusions</b>	: Builder's work (see BB & BP).

<b>Sub-Element</b>	: FSGE - Gaseous Extinguishing System
<b>Unit</b>	: Nr.
<b>Rules</b>	: Measured the total number of gas nozzles
<b>Definition</b>	: Includes for all works associated with gas extinguishing installation including gas cylinders, cylinder racks and fixings, pipework, fittings, valves and nozzles.
<b>Exclusions</b>	: Builder's work (see BB & BP).

<b>Sub-Element</b>	: FSAV - Audio/Visual Advisory System
<b>Unit</b>	: ITEM
<b>Rules</b>	:
<b>Definition</b>	: Includes for all works associated with audio/visual advisory system including microphones, amplifiers, loudspeakers, cassette decks, CD decks, visual directional signs and audio/visual control equipment.
<b>Exclusions</b>	: Builder's work (see BB & BP).

Element : FS - Fire Services cont' d

<b>Sub-Element</b> :	FSAD - Automatic Fire Alarm & Detection System
<b>Unit</b> :	ITEM
<b>Rules</b> :	
<b>Definition</b> :	Includes for all works associated with automatic fire alarm and detection installation including detectors and alarm signalling devices.
<b>Exclusions</b> :	Builder's work (see BB & BP).

<b>Sub-Element</b> :	FSPA - Portable Hand-operated Appliances
<b>Unit</b> :	ITEM
<b>Rules</b> :	
<b>Definition</b> :	Includes for all hand held fire fighting equipment.
<b>Exclusions</b> :	Builder's work (see BB & BP).

<b>Sub-Element</b> :	FSES - Electricity Supply
<b>Unit</b> :	ITEM
<b>Rules</b> :	
<b>Definition</b> :	Includes for all works associated with the provision of electricity supply to the fire services installation including power cables, cabling facilities and starters.
<b>Exclusions</b> :	Builder's work (see BB & BP).

<b>Sub-Element</b> :	FSCS - Control System
<b>Unit</b> :	Nr.
<b>Rules</b> :	Measured the total number of equipment control points.
<b>Definition</b> :	Includes for all works associated with control system of the fire service installation including control cables, cabling facilities and control panels.
<b>Exclusions</b> :	Builder's work (see BB & BP).

Element : FS - Fire Services cont' d

<p><b>Sub-Element</b> : FSSU - Fire Services Sundries</p> <p><b>Unit</b> : ITEM</p> <p><b>Rules</b> :</p> <p><b>Definition</b> : Includes for all miscellaneous work associated with the fire service installation including marking the position of holes, mortices, chases and the like in the structure, testing and commissioning, preparation of working drawings, builder' s work drawings, "as fitted" drawings and design drawings, provision of mock-ups and/or prototypes, maintenance service other than that require under the defects liability as stipulated in the General Conditions of Contract, tuition of Employer's staff, provision of manuals, fabricated composite support structure, cable and pipe sleeves for fixing by other trades and fire stopping.</p> <p><b>Exclusions</b> : Builder's work (see BB &amp; BP).</p>
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**GROUP ELEMENT : 04 - MECHANICAL & ELECTRICAL SERVICES**

<b>Element</b>	: MS - Horizontal and Vertical Movement Systems
<b>Unit</b>	: ITEM
<b>Rules</b>	:
<b>Definition</b>	: Includes lifts, escalators, conveyors and any other form of horizontal or vertical transportation system for people or goods.
<b>Exclusions</b>	: Builder's work (see BB & BP).

<b>Sub-Element</b>	: MSLF - Lifts
<b>Unit</b>	: Nr.
<b>Rules</b>	: Measured the total number of lifts.
<b>Definition</b>	: Includes for all works associated with the installation of goods or passenger lifts and hoists.
<b>Exclusions</b>	: Builder's work (see BB & BP).

<b>Sub-Element</b>	: MSCO - Conveyors
<b>Unit</b>	: Nr.
<b>Rules</b>	: Measured the total number of conveyors.
<b>Definition</b>	: Includes for all works associated with for the installation of a conveyor system.
<b>Exclusions</b>	: Builder's work (see BB & BP).

<b>Sub-Element</b>	: MSES - Escalators
<b>Unit</b>	: Nr.
<b>Rules</b>	: Measured the total number of escalators.
<b>Definition</b>	: Includes for all works associated with the provision of escalators.
<b>Exclusions</b>	: Builder's work (see BB & BP).

**GROUP ELEMENT : 04 - MECHANICAL & ELECTRICAL SERVICES**

**Element : BA - Building Automation**

**Unit : ITEM**

**Rules :**

**Definition :** Includes for all works necessary for the installation of a building automation system including wiring, conduit, trunking, outlets, equipment etc.

**Exclusions :** Builder's work (see BB & BP).

**GROUP ELEMENT : 04 - MECHANICAL & ELECTRICAL SERVICES**

<b>Element</b>	: <b>SP - Other Specialist Services</b>
<b>Unit</b>	: ITEM
<b>Rules</b>	:
<b>Definition</b>	: Includes for all other specialist services installations not already mentioned above for example, kitchen equipment, specialist medical gases, steam/hot water boilers and other mechanical plant and equipment and the like.
<b>Exclusions</b>	: Builder's work (see BB & BP).

<b>Sub-Element</b>	: SPKE - Kitchen Equipment
<b>Unit</b>	: ITEM
<b>Rules</b>	:
<b>Definition</b>	: Includes for all works associated with the installation of kitchen equipment.
<b>Exclusions</b>	: Builder's work (see BB & BP).

<b>Sub-Element</b>	: SPOS - Other Specialist Installations
<b>Unit</b>	: ITEM
<b>Rules</b>	:
<b>Definition</b>	: Includes for all works associated with specialist medical gases, steam/hot water boiler installations and the like.
<b>Exclusions</b>	: Builder's work (see BB & BP).

<b>Sub-Element</b>	: SPME - Mechanical Plant and Equipment
<b>Unit</b>	: ITEM
<b>Rules</b>	:
<b>Definition</b>	: Includes such items as gondolas, turnstiles, weighbridges, turntables and the like.
<b>Exclusions</b>	: Builder's work (see BB & BP).

**GROUP ELEMENT : 05 - EXTERNAL WORKS AND DRAINAGE**

<b>Element</b>	: XW - External Works
<b>Unit</b>	: M <sup>2</sup>
<b>Rules</b>	: Measured the gross area of the site excluding the plan area of the building.
<b>Definition</b>	: Site works beyond the line of the external face of the building structure.
<b>Exclusions</b>	: Bulk excavation for site formation (see SF).

<b>Sub-Element</b>	: XWSP - Site Preparation
<b>Unit</b>	: M <sup>2</sup>
<b>Rules</b>	: Measured the gross area of the site excluding the plan area of the building.
<b>Definition</b>	: Includes site clearance and demolition.
<b>Exclusions</b>	: Bulk excavation for site formation (see SF).

<b>Sub-Element</b>	: XWRS - Retaining Structures
<b>Unit</b>	: M <sup>2</sup>
<b>Rules</b>	: Measured the gross vertical area of the retaining wall.
<b>Definition</b>	: Retaining walls, crib walls and the like.
<b>Exclusions</b>	:

<b>Element</b>	: XWSE - Site Enclosures and Divisions
<b>Unit</b>	: M <sup>2</sup>
<b>Rules</b>	: Measured the gross vertical area of the enclosure.
<b>Definition</b>	: All types of fencing and screen walls constructed in any material.
<b>Exclusions</b>	:

<b>Sub-Element</b>	: XWRO - Roads and Pavings
<b>Unit</b>	: M <sup>2</sup>
<b>Rules</b>	: Measured the gross area on plan over all openings.
<b>Definition</b>	: Any form of road, path, track, highway, parking area including excavation, filling, sub-base, paving material, surface finish, kerbs and road channels. Includes road markings and signs. Highways Office run-in charges.
<b>Exclusions</b>	: Drainage (see DR) - other than road channels.

Element : XW - External Works cont' d

<b>Element</b> :	XWHL - Hard Landscaping
<b>Unit</b> :	M <sup>2</sup>
<b>Rules</b> :	Measured the gross area of hard landscaping.
<b>Definition</b> :	Flower boxes, planters, integral seating, ornamental ponds etc. and the like.
<b>Exclusions</b> :	

<b>Sub-Element</b> :	XWSL - Soft Landscaping
<b>Unit</b> :	M <sup>2</sup>
<b>Rules</b> :	Measured the gross area of soft landscaping.
<b>Definition</b> :	Includes all grassed and planted areas, trees, shrubs, plants and the like.
<b>Exclusions</b> :	

<b>Sub-Element</b> :	XWFE - Fittings and Equipment
<b>Unit</b> :	Nr.
<b>Rules</b> :	Measured the total number of individual items.
<b>Definition</b> :	Playground equipment, individual benches, seats and the like.
<b>Exclusions</b> :	

<b>Sub-Element</b> :	XWES - External Services
<b>Unit</b> :	M
<b>Rules</b> :	Measured the gross length of all services pipes and/or cables.
<b>Definition</b> :	Includes trenches, pipes and cables for incoming water mains, gas, electricity, telephone etc., backfilling, protection, reinstatement as necessary.
<b>Exclusions</b> :	

<b>Element</b> :	XWUC - Utility Connections
<b>Unit</b> :	ITEM
<b>Rules</b> :	
<b>Definition</b> :	Includes all connection charges for any incoming service.
<b>Exclusions</b> :	Drainage connections (see DRDC).

**Element : XW - External Works cont' d**

<b>Sub-Element</b>	:	XWAN - Ancillary Structures
<b>Unit</b>	:	Nr.
<b>Rules</b>	:	Measured the total number of individual structures.
<b>Definition</b>	:	Includes dangerous goods stores, guard houses, dog kennels, covering to carspaces, garages, elevated walkways and the like.
<b>Exclusions</b>	:	

**GROUP ELEMENT : 05 - EXTERNAL WORKS AND DRAINAGE**

<b>Element</b>	: <b>DR - Drainage</b>
<b>Unit</b>	: ITEM
<b>Rules</b>	:
<b>Definition</b>	: Generally covers all soil and surface water drainage, manholes, channels and catchpits; drainage connections.
<b>Exclusions</b>	: Kerbs and channels to roads (see XWRO).

<b>Sub-Element</b>	: DRSW - Soil and Surface Water
<b>Unit</b>	: M
<b>Rules</b>	: Measured the gross length of all pipe runs.
<b>Definition</b>	: Includes trenches, backfilling, pipes, haunching and surrounds.
<b>Exclusions</b>	:

<b>Sub-Element</b>	: DRMH - Manholes
<b>Unit</b>	: Nr.
<b>Rules</b>	: Measured the total number of individual units.
<b>Definition</b>	: Includes manholes, inspection chambers, soakaways and the like.
<b>Exclusions</b>	: Septic tanks (see DRST).

<b>Sub-Element</b>	: DRST - Sewage Treatment
<b>Unit</b>	: ITEM
<b>Rules</b>	:
<b>Definition</b>	: Includes all forms of sewage treatment, e.g. septic tanks, filtration beds and the like.
<b>Exclusions</b>	:

<b>Sub-Element</b>	: DRCH - Channels
<b>Unit</b>	: M
<b>Rules</b>	: Measured the gross length of all channels.
<b>Definition</b>	: Includes all surface water channels and the like, gratings and covers.
<b>Exclusions</b>	: Kerbs and channels to roads (see XWRO)

**Element : DR - Drainage cont' d**

<p><b>Sub-Element</b> : DRCP - Catchpits</p> <p><b>Unit</b> : Nr.</p> <p><b>Rules</b> : Measured the total number of individual units.</p> <p><b>Definition</b> : Includes catchpits and the like in connection with surface water drainage, gratings and covers.</p> <p><b>Exclusions</b> :</p>
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<p><b>Sub-Element</b> : DRDC - Drainage Connections</p> <p><b>Unit</b> : ITEM</p> <p><b>Rules</b> :</p> <p><b>Definition</b> : Includes all connection charges between the last connecting manhole or catchpit etc. and the sewer or outfall.</p> <p><b>Exclusions</b> :</p>
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**GROUP ELEMENT : 06 - SITE DEVELOPMENT**

**Element : SI - Site Investigation**

**Unit : ITEM**

**Rules :**

**Definition :** Site and geotechnical investigation.

**Exclusions :**

**GROUP ELEMENT : 06 - SITE DEVELOPMENT**

**Element : SF - Site Formation**

**Unit : M<sup>3</sup>**

**Rules : Measured as the absolute gross volume of excavation and/or fill.**

**Definition : Site formation and geotechnical works e.g. slope stabilisation.**

**Exclusions :**

**GROUP ELEMENT : 06 - SITE DEVELOPMENT**

**Element : PI - Piling**  
**Unit :** Item  
**Rules :**  
**Definition :** Includes all types of driven or bored piles and sheet piling.  
**Exclusions :**

**Sub-Element : PISP - Sheet Piling**  
**Unit :** M<sup>2</sup>  
**Rules :** Measured the actual area supported.  
**Definition :** Includes all necessary works in connection with temporary and permanent sheet piling.  
**Exclusions :**

**Sub-Element : PIPP - Driven or Bored Piling**  
**Unit :** M  
**Rules :** Measured the total length of driven or bored piles in place (stating the average size/diameter).  
**Definition :** Includes all types of driven or bored piles.  
**Exclusions :**

**GROUP ELEMENT : 06 - SITE DEVELOPMENT**

<b>Element</b>	: CS - Caissons
<b>Unit</b>	: ITEM
<b>Rules</b>	:
<b>Definition</b>	: Generally includes hand dug and large diameter driven caissons, contiguous walls, and associated rock anchors and the like.
<b>Exclusions</b>	:

<b>Sub-Element</b>	: CSCP - Caisson Piling
<b>Unit</b>	: M
<b>Rules</b>	: Measured the total length (stating the diameter and whether hand dug or bored).
<b>Definition</b>	: Includes hand dug and large diameter driven caissons.
<b>Exclusions</b>	:

<b>Sub-Element</b>	: CSCW - Caisson Contiguous Walls
<b>Unit</b>	: M <sup>2</sup>
<b>Rules</b>	: Measured the actual area supported (stating whether hand dug or bored).
<b>Definition</b>	: Includes hand dug and/or large diameter driven caisson contiguous walls and associated rock anchors and the like.
<b>Exclusions</b>	:

**GROUP ELEMENT : 07 - STORES, FURNITURE & EQUIPMENT**

**Element : GS - Government Stores**  
**Unit : ITEM**  
**Rules :**  
**Definition :** Includes all items supplied by Government Supplies Department including indent items.  
**Exclusions :** Fix only is taken with the appropriate element.

**Sub-Element : GSBY - Building Stores**  
**Unit : ITEM**  
**Rules :**  
**Definition :** Ironmongery, sanitary fittings, manhole covers and the like supplied by Government Supplies Department.  
**Exclusions :** Fix only is taken with the appropriate element.

**Sub-Element : GSBZ - Mechanical & Electrical Services Stores**  
**Unit : ITEM**  
**Rules :**  
**Definition :** Items required by the Government Building Services Engineer supplied by Government Supplies Department.  
**Exclusions :** Fix only is taken with the appropriate element. Domestic appliances (see FEDA).

**GROUP ELEMENT : 07 - STORES, FURNITURE & EQUIPMENT**

**Element** : **FE - Furniture and Equipment**  
**Unit** : ITEM  
**Rules** :  
**Definition** : Includes those items required by the client (Government) department and domestic appliances.  
**Exclusions** :

**Sub-Element** : FECL - Client Department  
**Unit** : ITEM  
**Rules** :  
**Definition** : Items required by the client (Government) department to be charged to Furniture & Equipment within the project vote.  
**Exclusions** :

**Sub-Element** : FEDA - Domestic Appliances  
**Unit** : ITEM  
**Rules** :  
**Definition** : Domestic appliances required by the Government Building Services Engineer to be charged to Furniture & Equipment within the project vote.  
**Exclusions** :

**GROUP ELEMENT : 08 - CONSULTANT' S FEES**

**Element** : CF - Consultant' s Fees  
**Unit** : ITEM  
**Rules** :  
**Definition** : All fees to be charged by the various consultants employed on the project.  
**Exclusions** :

**Sub-Element** : CFGX - Geotechnical Consultants  
**Unit** : ITEM  
**Rules** :  
**Definition** : All fees chargeable for the specialist services.  
**Exclusions** :

**Sub-Element** : CFAR - Architectural Consultants  
**Unit** : ITEM  
**Rules** :  
**Definition** : All fees chargeable for the specialist services.  
**Exclusions** :

**Element** : CFST - Structural Consultants  
**Unit** : ITEM  
**Rules** :  
**Definition** : All fees chargeable for the specialist services.  
**Exclusions** :

**Sub-Element** : CFBS - Building Services Consultants  
**Unit** : ITEM  
**Rules** :  
**Definition** : All fees chargeable for the specialist services.  
**Exclusions** :

**GROUP ELEMENT : 08 - CONSULTANT' S FEES**

<b>Sub-Element</b> :	CFQS - Quantity Surveying Consultants
<b>Unit</b> :	ITEM
<b>Rules</b> :	
<b>Definition</b> :	All fees chargeable for the specialist services.
<b>Exclusions</b> :	

<b>Element</b> :	CFOO - Other Specialist Consultants
<b>Unit</b> :	Item
<b>Rules</b> :	
<b>Definition</b> :	All fees chargeable for the specialist services.
<b>Exclusions</b> :	



**GROUP ELEMENT : 09 - CONTINGENCY**

**Element : CY - Contingency**

**Unit : ITEM**

**Rules :**

**Definition :** A sum to be set aside for any unforeseeable circumstances.

**Exclusions :**

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