NO	Skop Kerja	Komponen	Jenis Bahan	Konvensional		Reka & Bina		Catatan
				Disokong Oleh	Diluluskan oleh	Disokong Oleh	Diluluskan oleh	
1	Foundation	Concrete Piles	Precast Reinforced Concrete Piles	P	UKAS	P	UKAS	
			Precast Pretensioned Spun Concrete Piles	P	UKAS	P	UKAS	
			Precast Prestressed Concrete Square piles	P	UKAS	P	UKAS	
		Timber Piles	Pressure Treated Timber Piles	P	UKAS	P	UKAS	
		Steel Piles	Steel 'H' Pile	P	UKAS	P	UKAS	
			Cold-Formed Sheet Piles	P	UKAS	P	UKAS	
2	Concretor	Steel Fabric / Wire Mesh	Square Mesh (A)	P	W	P	W	
			Rectangluar Mesh (B)	P	W	P	W	
			Long Rectangular Mesh (C)	P	W	P	W	
			Small Square Mesh (D)	P		P		
		Steel Bars	Plain Hot Rolled Steel Bars	P	W	P	W	
			Deformed Hot Rolled Steel Bars	P	W	P	W	
			Cold reduced Mild Steel Wire	P	W	P	W	
		Cement	Ordinary Portland Cement	P	W	P	W	
			White Portland Cement	P	W	P	W	
			Portland Blastfurnance Cement	P	W	P	W	
			Portland Pulverised-Fuel Ash Cement	P	W	P	W	
			Pozzolanic pulverised-Fuel Ash Cement	P	W	P	W	
		Fine Agregate	Sand	P	W	P	W	
		Coarse Aggregate	Crushed	P	W	P	W	
			Uncrushed	P	W	P	W	
		Precast Concrete	PC Beams	P	UKAS	P	UKAS	IBS Component
			PC Columns	P	UKAS	P	UKAS	IBS Component
			PC Slabs	P	UKAS	P	UKAS	IBS Component
			PC Walls Panel / Blockworks	P	UKAS	P	UKAS	IBS Component
			PC Staircase	P	UKAS	P	UKAS	IBS Component
			PC Shaft Modules	P	UKAS	P	UKAS	IBS Component
			PC Blocks	P	UKAS	P	UKAS	IBS Component
			PC Bath / Kitchen Modules	P	USB	P	USB	IBS Component

4	Roofing (Cont'd)	Rainwater Down Pipe	Galvanised iron	P	USB	P	USB	
			uPVC	P	USB	P	USB	
		Gutter	Galvanised iron	P	USB	P	USB	
			uPVC	P	USB	P	USB	
5	Wall	External / internal	Calcium Silicate Bricks	P	USB	P	USB	
			Cement Sand Bricks	P	USB	P	USB	
			Unbaked Clay Bricks	P	USB	P	USB	
			Cast-In Situ shear wall	P	UKAS	P	UKAS	
			Prefabricated Timber Panel	P	SB / KS	P	SB / KS	IBS Component
			Metal Claddings	P	SB / KS	P	SB / KS	IBS Component
		Wall Finishes	Homogeneous Tiles	P	USB	P	USB	
			Ceramic Tiles	P	USB	P	USB	
			Granite	P	USB	P	USB	
			Decorative Plaster	P	USB	P	USB	
			Barium Plaster	P	USB	P	USB	
			Wall paper	P	USB	P	USB	
			Timber Panel	P	USB	P	USB	
		Drywall partition	Wall Partition (Gypsum Board)	P	USB	P	USB	
6	Floor / Skirting	Floor Finishes	Carpet / Timber Skriting	P	USB	P	USB	
			Non-slip Ceramic Tiles	P	USB	P	USB	
			Non-slip Heavy Duty Homogeneous Tiles	P	USB	P	USB	
			Quarry Tiles	P	USB	P	USB	
			Mosaic Tiles	P	USB	P	USB	
			Floor Hardener	P	USB	P	USB	
			Rubber Mat	P	USB	P	USB	
			Timber Strip Flooring	P	USB	P	USB	
			Epoxy / Granite / Pebble Wash etc	P	USB	P	USB	

11	Built-in Furniture	Kitchen Cabinet	As per request	P	USB	P	USB	
		Wardrobe	As per request	P	USB	P	USB	
		Timber Cabinet	As per request	P	USB	P	USB	
		Laminated Timber Rack	As per request	P	USB	P	USB	
		Metal Locker	As per request	P	USB	P	USB	
		Laminated Wall Mounted	As per request	P	USB	P	USB	
		Laminated Pigeon Hole	As per request	P	USB	P	USB	
		Hanger	As per request	P	USB	P	USB	
		Notice Board	As per request	P	USB	P	USB	
		Soft Board	As per request	P	USB	P	USB	
		Stainless Steel Worktop	As per request	P	USB	P	USB	
		Curtian Track	As per request	P	USB	P	USB	
		Lab Bench	As per request	P	USB	P	USB	
12	All External Supply Water System	Pipes	Ductile Iron Pipes	P	W	P	W	
			Galvanised Steel Pipes	P	W	P	W	
			Stainless Steel Pipes	P	W	P	W	
			Steel Pipes - (SAW)	P	W	P	W	
			Steel Pipes-(ERW)	P	W	P	W	
			uPVC (Pressure Pipes)	P	W	P	W	
			ABS Pipes	P	W	P	W	
			Polybutylene Pipes	P	W	P	W	
			HDPE Pipes	P	W	P	W	
			GRP Pipes	P	W	P	W	For Water supply
			Galvanised Corrugated Steel Pipes	P	W	P	W	
			Chlorinated Poly (Vinyl Chloride) CPVC Plastic	P	W	P	W	Hot & Cold-Water Distribution Pipe
		Pipe Fittings	Ductile Iron Pipe Fittings	P	W	P	W	
			Stainless Steel Pipe Fittings	P	W	P	W	
			Steel Pipe Specials (SAW)	P	W	P	W	
			Steel Pipe Specials (ERW)	P	W	P	W	
			uPVC (Pressure) Pipe Fittings	P	W	P	W	
			ABS Fittings	P	W	P	W	
			PE Fusion Fittings	P	W	P	W	
			HDPE Pipe Fittings	P	W	P	W	
			Polypropylene (PP) Compression Fittings	P	W	P	W	
			PE Fabricated Fittings	P	W	P	W	
			PB Fittings	P	W	P	W	Use with PB pipes for hot & Cold Water

13	All Internal Water Pipe System	All Components / Equipment	As Per Request and Follow Need Statements or Submission	P	UKM	P	UKM	
		Water Meter (Individual)	As Per Request and Follow Need Statements or Submission	P	UKM	P	UKM	
		Piping	As Per Request and Follow Need Statements or Submission	P	UKM	P	UKM	
		Solvent Cement	As Per Request and Follow Need Statements or Submission	P	UKM	P	UKM	
		Stop Valves / Angle Valves	As Per Request and Follow Need Statements or Submission	P	UKM	P	UKM	
		Butterfly Valves (Ductile Iron)	As Per Request and Follow Need Statements or Submission	P	UKM	P	UKM	
		Stop Cock	As Per Request and Follow Need Statements or Submission	P	UKM	P	UKM	
		Flexible Hos	As Per Request and Follow Need Statements or Submission	P	UKM	P	UKM	
		Water Pumps	As Per Request and Follow Need Statements or Submission	P	UKM	P	UKM	
		Pump (Vertical in line)	As Per Request and Follow Need Statements or Submission	P	UKM	P	UKM	
		Butterfly Valves (Ductile Iron)	As Per Request and Follow Need Statements or Submission	P	UKM	P	UKM	
		Gate Valve	As Per Request and Follow Need Statements or Submission	P	UKM	P	UKM	
		check valve	As Per Request and Follow Need Statements or Submission	P	UKM	P	UKM	
		Y strainer	As Per Request and Follow Need Statements or Submission	P	UKM	P	UKM	
		Pressure guage	As Per Request and Follow Need Statements or Submission	P	UKM	P	UKM	
		Pump Control panel	As Per Request and Follow Need Statements or Submission	P	UKM	P	UKM	
		Internal Water Stroge Tanks	As Per Request and Follow Need Statements or Submission	P	UKM	P	UKM	
		Roof Tank	As Per Request and Follow Need Statements or Submission	P	UKM	P	UKM	
		Suction Tank	As Per Request and Follow Need Statements or Submission	P	UKM	P	UKM	
		Individual tank	As Per Request and Follow Need Statements or Submission	P	UKM	P	UKM	

16	All Internal Sanitary System	All Components / Equipment	As Per Request and Follow Need Statements or Submission	P	UKM	P	UKM	
		Soil & Waste Pipe c/w Accessories	As Per Request and Follow Need Statements or Submission	P	UKM	P	UKM	
		Vent Pipe & Vent Cowl c/w Accessories	As Per Request and Follow Need Statements or Submission	P	UKM	P	UKM	
		Gully Traps	As Per Request and Follow Need Statements or Submission	P	UKM	P	UKM	
		First Manhole / IC	As Per Request and Follow Need Statements or Submission	P	UKM	P	UKM	
		Grease/Oil Interceptor	As Per Request and Follow Need Statements or Submission	P	UKM	P	UKM	
17	Drainage	Channeling	Precast Concrete Half Round Channel	P	W	P	W	
			Precast Concrete U-Shape Drains	P	W	P	W	
			Precast Concrete Block Drains	P	W	P	W	
		Culvert	Precast Concrete Pipe Culverts	P	W	P	W	
			Precast Concrete Spun Pipe Culvert	P	W	P	W	
			Precast Concrete Box Culvert	P	W	P	W	
			Cast Iron pipe	P	W	P	W	

19	Earthworks	Slope Protection Works	PC Retaining Units	P	W	P	W	
			Gabions	P	W	P	W	
			Stone Mattress	P	W	P	W	
			Stone Pitching	P	W	P	W	
			HDPE Sand Bags	P	W	P	W	
		Soil Treatment	As per request	P	UKAS	P	UKAS	
20	Fencing	Gated Compound	PVC Coated Chain Link	P	USB	P	USB	
			Mild Steel Leaf Gate	P	USB	P	USB	
			Mild Steel Sliding gate	P	USB	P	USB	
			Decorative Reinforced Concrete	P	SB / KS	P	SB / KS	
21	Rubber Layer / jointing	Water Proofing Membrane / Damp Proof Course	As per request	P	W	W	P	
		Expansion Joint / Contraction Joint	Asphaltic Plug	P	UKAS	UKAS	P	
			Buried	P	UKAS	UKAS	P	
			Compression Seal	P	UKAS	UKAS	P	
			Elastomeric	P	UKAS	UKAS	P	
			Nosing with Poured Sealant	P	UKAS	UKAS	P	
			Omega Seal	P	UKAS	UKAS	P	
			Strip Seal	P	UKAS	UKAS	P	
		Exmet	As per request	P	w	w	P	