LABOUR PRODUCTIVIT	Y / OUTPU	IT COEFF	_	CONST	RUCTION WORKS
			Mason / Carpanter / Fabricator /		
Description of Works	Unit	Quantity	Painter	Helper	Remarks
Civil Works		1			1
Foundation Excavation					
Excavation & Getting Out upto Depth 1.5 to 3.0 Metre	Cum	1		0.96	Foundation
Excavation & Getting Out upto Depth 1.5 to 3.0 Metre	Cum	1		0.63	Trench
Backfilling by Manual	Cum	1		0.3	Upto 50 Meter Lead / Normal Filling
Backfilling by JCB	Cum	30		1	Trench & Foundation Works
Foundation Excavation by JCB					
Excavation & Getting Out upto Depth 1.5 to 3.0 Metre	Cum	1		0.03	Foundation / Hour
Excavation & Getting Out upto Depth 1.5 to 3.0 Metre	Cum	20		1	Trench / Hour
Concreting Works					
Plain Cement Concrete	Cum	1	0.17	3.13	By Hand Mix
Plain Cement Concrete	Cum	1	0.17	2.54	By Plant / Mixer Machine
Concrete In Foundation / Raft / Footing	Cum	1	0.17	2.9	By Mixer Machine & Manually Placing
Concrete In Isolated Footing & Foundations	Cum	1	0.08	0.73	By Batching Plant Through Pump
Concrete In Mass Concrete Raft Foundations	Cum	1	0.027	0.36	By Batching Plant Through Pump
Concrete In Columns / Shaer Walls / Retaining Walls	Cum	1	0.22	4.11	By Mixer Machine & Manually
Concrete In Columns / Shaer Walls / Retaining Walls	Cum	1	0.22	1.36	By Plant / Mixer Machine by Tower Crane
Concrete In RCC Slab & Beams	Cum	1	0.24	3.4	By Mixer Machine & Manually Placing
Concrete In RCC Slab & Beams	Cum	1	0.16	1.12	By Batching Plant Through Pump
Concrete In Staicase / Chajjas / Counter Slabs	Cum	1	0.3	5.41	By Mixer Machine
Concrete In Staicase / Chajjas / Counter Slabs	Cum	1	0.3	3.03	By Batching Plant Through Pump
Concrete Pump Capacity Per Hour	Cum	25			1 Concrete Pump with 2 Transit Mixer
Conventional Plywood Shuttering Works - Shutterin	ng Making, Fabi	rication, Shiftin	g & Erection & D	Deshuttering	
Foundation Shuttering	Sqm	1	0.1	0.15	
Rectangular Column, Pedestal Shuttering	Sqm	1	0.18	0.3	
Retaining / RCC Walls	Sqm	1	0.22	0.38	
Beam & Slab Shuttering	Sqm	1	0.13	0.23	
Lintal & RCC Band, Counter Shuttering	Sqm	1	0.25	2.25	Slab Height upto 3600mm
	·				
Reinforcement Steel Works			1		
Reinforcement Steel Works	MT	1	6	8	
Masonary Works - Including, Mixing of Mortar, Shif	ting of Materials	s, Scaffolding &	k Curing		•
Brick Work 230mm Thick Walls (650 to 700 Bricks/ Per	Cum	1	0.72	1.78	Upto Plinth Level
Brick Work 230mm Thick Walls (530 to 550 Bricks/ Per	Cum	1	0.94	3.34	Super Structure Works Above Plinth Level
Half Brick Work 115mm Thick (625 to 650 Bricks / Per	Sqm	1	0.09	0.25	Upto Plinth Level
Half Brick Work 115mm Thick (470 to 500 Bricks / Per	Sqm	1	0.12	0.42	Super Structure Works Above Plinth Level
AAC Block 100mm Thick	Sqm	1	0.07	0.29	Super Structure Works Above Plinth Level
AAC Block 150 / 230 / 300mm Thick	Cum	1	0.62	1.75	Super Structure Works Above Plinth Level
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Plastering Works - Including Scaffolding, Mixing &	Curina	<u> </u>		<u> </u>	1
Internal Plaster Works 12-15mm Thick	Sqm	1	0.08	0.26	Internal Walls upto 3600mm Height
Gypsum Plaster Works 12-15mm Thick	Sqm	1	0.2	0.12	Internal Walls upto 3600mm Height
	Sqm	1	0.12	0.12	0% Labour for additional floors for Scaffoldin
	oqiii	'	U. 12	0.34	270 Labour for additional floors for Scattoldin
External Plaster Works in Two Coats 18-20mm Thick	Sam	1	0.07	0.19	1% Labour for additional floors for Coeffolding
External Plaster Works in Two Coats 16-20mm Thick  External Plaster Works in Single Coats 18-20mm Thick  Ceiling Plaster 6-8mm Thick	Sqm Sqm	1	0.07	0.18 0.17	0% Labour for additional floors for Scaffoldin Ceiling Height upto 3600mm Lvl.

Floring Wester					
Flooring Works					
Concrete Flooring Works					
Concrete Flooring Works / IPS Flooring (40-50mm Thic		1	0.09	0.25	
Concrete Pavement in Road Work	Cum	1	0.45	2.56	(Mixing with Mixer & Placed Manually)
Concrete Pavement in Road Work (Through Concrete	Cum	1	0.45	1.28	ixing with Plant & Placed with Concrete Pump)
Tile Flooring Works					
Tile Flooring - 15-20mm Thick Mortar	Sqm	1	0.2	0.38	
Tile Cladding with 12mm Thick Mortar	Sqm	1	0.25	0.43	
Tile Skiriting with 12mm Thick Mortar	Rmt	1	0.033	0.04	
Tile Flooring in Staircase Riser & Treads - Cutting & Fi	Sqm	1	0.25	0.43	Without Grouting (Joint to Joint Finish)
Tile Flooring - 15-20mm Thick Mortar	Sqm	1	0.3	0.48	
Tile Cladding with 12mm Thick Mortar	Sqm	1	0.35	0.53	3mm Spacer with Epoxy Grout in Groove Fi
18-20mm Thick Stone - Granite/ Kota / Indian / Italia	an./ Imported Ma	arble Flooring			
Stone Flooring - Cutting & Fixing	Sqm	1	0.12	0.38	
Polishing & Rubbing	Sqm	1		0.5	Normal Plain Flooring
18-20mm Thick Stone - Granite/ Kota / Indian / Italia	an./ Imported Ma	arble Flooring			
Stone Flooring - Cutting & Fixing	Sqm	1	0.175	0.41	
Polishing & Rubbing	Sqm	1		0.5	Pattern Flooring
Stone Flooring in Staircase Riser & Treads - Cutting &	Sqm	1	0.195	0.4	
Polishing & Rubbing	Sqm	1		0.7	
Kota Stone Flooring in Staircase Steps & Risers- Cutting	Sqm	1	0.3	0.58	
Polishing & Rubbing	Sqm	1		0.7	
18-20mm Thick Stone - Granite/ Kota / Indian / Italia	an / Imported Ma	arble Flooring			
Stone Flooring - Cutting & Fixing	Sqm	1	0.12	0.38	
Polishing & Rubbing	Sqm	1		0.5	
Laminate Wooden Flooring (Normal)	Sqm	1	0.1	0.15	Shifting, Cutting & Installation
Laminate Wooden Flooring (Harringbone Pattern)	Sqm	1	0.3	0.15	Shifting, Cutting & Installation
Painting & Finishing Works - Including Surface Pre	pration & Scaff	olding (Note for	· Old Surfaces F	Painting Factors	s are 50% Applicable)
Painting & Finishing Works - Including Surface Pre 1mm Thick - Birla Putty	pration & Scaffe	olding (Note for	Old Surfaces F	Painting Factors	s are 50% Applicable)  Min. Two Coats
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1mm Thick - Birla Putty	İ				, ,
1mm Thick - Birla Putty Internal Finishings	Sqm	1	0.045	0.045	Min. Two Coats
1mm Thick - Birla Putty Internal Finishings White Wash / Colour Washing Works - Two Coats	Sqm Sqm	1	0.045	0.045	Min. Two Coats  Min. Two Coats
1mm Thick - Birla Putty Internal Finishings White Wash / Colour Washing Works - Two Coats Distempering on Walls including Priming Coat	Sqm Sqm Sqm Sqm	1 1 1	0.045 0.03 0.08	0.045 0.01 0.04	Min. Two Coats  Min. Two Coats  Min. Two Coats
1mm Thick - Birla Putty Internal Finishings White Wash / Colour Washing Works - Two Coats Distempering on Walls including Priming Coat OBD Paint on Walls including Priming Coat	Sqm Sqm Sqm Sqm	1 1 1 1	0.045 0.03 0.08 0.054	0.045 0.01 0.04 0.05	Min. Two Coats  Min. Two Coats  Min. Two Coats  Min. Two Coats
1mm Thick - Birla Putty Internal Finishings White Wash / Colour Washing Works - Two Coats Distempering on Walls including Priming Coat OBD Paint on Walls including Priming Coat Acrylic / Plastic Emulsion Interior Paint on Walls includ	Sqm Sqm Sqm Sqm Sqm	1 1 1 1	0.045 0.03 0.08 0.054	0.045 0.01 0.04 0.05	Min. Two Coats  Min. Two Coats  Min. Two Coats  Min. Two Coats
1mm Thick - Birla Putty Internal Finishings White Wash / Colour Washing Works - Two Coats Distempering on Walls including Priming Coat OBD Paint on Walls including Priming Coat Acrylic / Plastic Emulsion Interior Paint on Walls includ External Finishings	Sqm Sqm Sqm Sqm Sqm	1 1 1 1 1	0.045 0.03 0.08 0.054 0.06	0.045 0.01 0.04 0.05 0.054	Min. Two Coats  Min. Two Coats  Min. Two Coats  Min. Two Coats  Min. Two Coats
1mm Thick - Birla Putty Internal Finishings White Wash / Colour Washing Works - Two Coats Distempering on Walls including Priming Coat OBD Paint on Walls including Priming Coat Acrylic / Plastic Emulsion Interior Paint on Walls includ External Finishings Exterior Texture / Weather Shield Paint including Primi	Sqm Sqm Sqm Sqm Sqm	1 1 1 1 1	0.045 0.03 0.08 0.054 0.06	0.045 0.01 0.04 0.05 0.054	Min. Two Coats  Min. Two Coats  Min. Two Coats  Min. Two Coats  Min. Two Coats
1mm Thick - Birla Putty Internal Finishings White Wash / Colour Washing Works - Two Coats Distempering on Walls including Priming Coat OBD Paint on Walls including Priming Coat Acrylic / Plastic Emulsion Interior Paint on Walls includ External Finishings Exterior Texture / Weather Shield Paint including Primit Painting on Wood & MS Steel Sufaces Painting of Wood Surfaces with Primer	Sqm Sqm Sqm Sqm Sqm Sqm Sqm	1 1 1 1 1 1 1 1	0.045 0.03 0.08 0.054 0.06	0.045 0.01 0.04 0.05 0.054	Min. Two Coats  Min. Two Coats  Min. Two Coats  Min. Two Coats  Min. Two Coats  Min. Two Coats
1mm Thick - Birla Putty Internal Finishings White Wash / Colour Washing Works - Two Coats Distempering on Walls including Priming Coat OBD Paint on Walls including Priming Coat Acrylic / Plastic Emulsion Interior Paint on Walls includ External Finishings Exterior Texture / Weather Shield Paint including Primi Painting on Wood & MS Steel Sufaces	Sqm Sqm Sqm Sqm Sqm Sqm Sqm	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.045 0.03 0.08 0.054 0.06 0.06	0.045 0.01 0.04 0.05 0.054 0.035	Min. Two Coats  Min. Two Coats  Min. Two Coats  Min. Two Coats  Min. Two Coats  Min. Two Coats  Min. Two Coats
1mm Thick - Birla Putty Internal Finishings White Wash / Colour Washing Works - Two Coats Distempering on Walls including Priming Coat OBD Paint on Walls including Priming Coat Acrylic / Plastic Emulsion Interior Paint on Walls includ External Finishings Exterior Texture / Weather Shield Paint including Primit Painting on Wood & MS Steel Sufaces Painting of Wood Surfaces with Primer Synthetic Enamel Paint of MS Plain Surfaces with Primit	Sqm Sqm Sqm Sqm Sqm Sqm Sqm	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.045 0.03 0.08 0.054 0.06 0.06	0.045 0.01 0.04 0.05 0.054 0.035	Min. Two Coats  Min. Two Coats  Min. Two Coats  Min. Two Coats  Min. Two Coats  Min. Two Coats  Min. Two Coats
1mm Thick - Birla Putty Internal Finishings White Wash / Colour Washing Works - Two Coats Distempering on Walls including Priming Coat OBD Paint on Walls including Priming Coat Acrylic / Plastic Emulsion Interior Paint on Walls includ External Finishings Exterior Texture / Weather Shield Paint including Primi Painting on Wood & MS Steel Sufaces Painting of Wood Surfaces with Primer Synthetic Enamel Paint of MS Plain Surfaces with Prim Polishing on Wood Sufaces French Spirit Polish	Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm	1 1 1 1 1 1 1 1 1 1	0.045  0.03  0.08  0.054  0.06  0.06  0.085  0.066	0.045  0.01  0.04  0.05  0.054  0.035  0.06  0.066	Min. Two Coats  Min. Two Coats  Min. Two Coats  Min. Two Coats  Min. Two Coats  Min. Two Coats  Min. Two Coats  Single Coat
Imm Thick - Birla Putty Internal Finishings White Wash / Colour Washing Works - Two Coats Distempering on Walls including Priming Coat OBD Paint on Walls including Priming Coat Acrylic / Plastic Emulsion Interior Paint on Walls includ External Finishings Exterior Texture / Weather Shield Paint including Primit Painting on Wood & MS Steel Sufaces Painting of Wood Surfaces with Primer Synthetic Enamel Paint of MS Plain Surfaces with Primer Polishing on Wood Sufaces French Spirit Polish Melamine Polish	Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm	1 1 1 1 1 1 1 1 1 1	0.045  0.03  0.08  0.054  0.06  0.06  0.06  0.35  0.035	0.045  0.01  0.04  0.05  0.054  0.035  0.06  0.066  0.1  0.035	Min. Two Coats  Min. Two Coats  Min. Two Coats  Min. Two Coats  Min. Two Coats  Min. Two Coats  Min. Two Coats  Single Coat  Single Coat
1mm Thick - Birla Putty Internal Finishings White Wash / Colour Washing Works - Two Coats Distempering on Walls including Priming Coat OBD Paint on Walls including Priming Coat Acrylic / Plastic Emulsion Interior Paint on Walls includ External Finishings Exterior Texture / Weather Shield Paint including Primi Painting on Wood & MS Steel Sufaces Painting of Wood Surfaces with Primer Synthetic Enamel Paint of MS Plain Surfaces with Prim Polishing on Wood Sufaces French Spirit Polish	Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm	1 1 1 1 1 1 1 1 1 1	0.045  0.03  0.08  0.054  0.06  0.06  0.085  0.066	0.045  0.01  0.04  0.05  0.054  0.035  0.06  0.066	Min. Two Coats  Min. Two Coats  Min. Two Coats  Min. Two Coats  Min. Two Coats  Min. Two Coats  Min. Two Coats  Single Coat
1mm Thick - Birla Putty Internal Finishings White Wash / Colour Washing Works - Two Coats Distempering on Walls including Priming Coat OBD Paint on Walls including Priming Coat Acrylic / Plastic Emulsion Interior Paint on Walls includ External Finishings Exterior Texture / Weather Shield Paint including Primi Painting on Wood & MS Steel Sufaces Painting of Wood Surfaces with Primer Synthetic Enamel Paint of MS Plain Surfaces with Prim Polishing on Wood Sufaces French Spirit Polish Melamine Polish Wax Polish	Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm	1 1 1 1 1 1 1 1 1 1	0.045  0.03  0.08  0.054  0.06  0.06  0.06  0.35  0.035	0.045  0.01  0.04  0.05  0.054  0.035  0.06  0.066  0.1  0.035	Min. Two Coats  Min. Two Coats  Min. Two Coats  Min. Two Coats  Min. Two Coats  Min. Two Coats  Min. Two Coats  Single Coat  Single Coat
Imm Thick - Birla Putty Internal Finishings White Wash / Colour Washing Works - Two Coats Distempering on Walls including Priming Coat OBD Paint on Walls including Priming Coat Acrylic / Plastic Emulsion Interior Paint on Walls includ External Finishings Exterior Texture / Weather Shield Paint including Primit Painting on Wood & MS Steel Sufaces Painting of Wood Surfaces with Primer Synthetic Enamel Paint of MS Plain Surfaces with Primer Polishing on Wood Sufaces French Spirit Polish Melamine Polish	Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm Sqm	1 1 1 1 1 1 1 1 1 1	0.045  0.03  0.08  0.054  0.06  0.06  0.06  0.35  0.035	0.045  0.01  0.04  0.05  0.054  0.035  0.06  0.066  0.1  0.035	Min. Two Coats  Min. Two Coats  Min. Two Coats  Min. Two Coats  Min. Two Coats  Min. Two Coats  Min. Two Coats  Single Coat  Single Coat