## **Bill of Quantity**

ITEM No.	DESCRIPTION OF ITEM	UNIT	QTY	RATE	AMOUN' (INR)
EW-	EARTHWORK & SSM				
EW- 1.10	General earthwork excavation by mechanical means in all types of soil including dense soil, disintegrated/weathered/soft rock for levelling & lowering the ground upto the required level as per detail, stacking the excavated earth & disposable material wherever indicated in site, back filling in layers of 150mm, including filling depressions wherever necessary, watering, consolidating, verticle/slope cut earth during the excavation process to prevent the sliding by providing suitable shoring in slope using wooden planks / MS sheets and poles etc to the soil surface as per site condition and soil consultant recommendations. Rate to include carting away surplus excavated earth outside the site to designated areas identified by the local authorities. Contractor shall get aquented with site				
٠	conditions and soil report and submit method statement for dewatering and getting the surface reasonably dry. Rate shall also include removal of all kind of vegetation, small shrubs, debris, dewatering, slush removal.				ě
	Note: Only PCC area shall be considered for measurement. Provision of slopes if required for execution shall not be paid separately. Quoted rate shall be deemed to include for the same.				
EW- 1.11	<b>Excavation for Foundations</b> of Column Pedestals, Retaining walls, Shear walls, trenches, etc.	CUM	50	400.00	74
	Note: The above mentioned quantities(E/W-1.11 & E/W-1.12) are based on average contour levels. Quantity of Ordinary soil/Disinterated rock/Hard rock mentioned is tentative and may vary to any extent depending upon underlaying ground profile to be exposed during excavation. The excavation & filling quantity may vary depeding on the present situations				*

	Sub girts using 25 mm long self drilling wafer head GI fasteners.  Fixing top sheet using standing Seam system / Clip lock system using mobile roll forming unit the Profile will have a crest height of maximum 50 mm with suitable cover width made out of 0.55 mm TCT Colour coated galvalume steel of 300 Mpa yeild stress with hot dip metallic coating of aluminium zinc alloy (150 gm/Sqm total on both sides AZ 150 as per ASTM A792 or AS) having PVDF/PVF2 coating of 20 microns over 5 micron epoxy primer on the exposed side and 5 micron coating over 5 microns over epoxy primer on the reverse side. The standing seam Profile shall be fixed on the clip provided on the purlins. The clip shall be fixed to the purlins with wafer head Self drilling self tapping fasteners. The site seaming Shall be done with a special machine to ensure 100% Water tightness. The sheets shall be without joints from the ridge to the Eaves level		
SS- 6.30	and profiled at site.Including providing of necessary flashing and sealing water tight for the roof expansion joint.  Providing and fixing in position gutter 300mm wide 200mm deep made out of 0.80mm thick plain Galvalume sheet or approved equivalent of approved colour including bending to shape, necessary fixtures, silicone based sealants, Cost of fixing etc. complete where it is required.	Rmt	25
SS- 6.40	Specification installation of 08mm Premium fiber cement Board is an exterior grade product as per IS 14862:2000 .Type "A" category 3 and ASTM C 1185 Type "A" Grade II.  Non asbestos fiber cement boards installed using Galvanized iron steel tracks of 0.5mm thick GI channel with providing 2 feet every interval and screwing with self tapping screws and joints will be treated with Indus jointing compound. Are to be painted with 2 coats of acrylic emulsion paint of approved shade/made, over a coat of cement primer.(Approved Make: Everest / Visaka / USG Boral / Bison Board)	SQM	Rate only
SS- 6.50	Supplying and fixing anchor fasteners and anchor bolts of HILTI/eqv. make of approved brand by structural consultant in RC beams, columns and slabs including scaffolding, drilling		

wastage and binding wire will not be measured and shall be included in the quoted rates. Quoted rate shall be deemed to have considered the above stipulation. Quoted rate to include lead, lift, placing at all levels and as directed. Cost towards cutting, preparing & delivering the sample to the testing centres including collecting and submitting the test reports to the Employer will be in Contractors account. The cost to include supply and use of 18G annealed GI Binding wire double fold to tie the bars in position.	NUT		
High yield strength deformed bars conforming to IS:1786 with Fy = 500 N/mm2	MT	2	

## TOTAL AMOUNT FOR REINFORCING STEEL WORK =

SS- 6.00	STRUCTURAL STEEL WORKS			
SS- 6.10	Supplying, fabricating, delivering at site, hoisting and fixing in position and making all <b>YST310 structural work of TATA</b> (conforming to IS:800, IS:4923, IS:1161 to complete specifications.) in accordance with the design drawings prepared by the consultants. The structural steel work shall inculde welded and built up sections, hollow sections, trusses, etc., as per drawings. The rate shall inculde two coats of Synthetic Enamel Paint over Zinc ridge cpoxy primer and shall include bolts, washers, 1:3 cement and grouting for bolts etc.complete.	MT	8	
SS- 6.20	Supplying & fixing 0.5 mm TCT colour coated profile sheet as the bottom sheet having a crest height of 28 mm at 195 mm pitch made out of 0.5 mm TCT (total coated thickness) high tensile 550 Mpa Galvalume sheeting with 150 GSM galvaume coating on both sides and have SMP coating of 20 microns over 5 micron epoxy primer on the exposed side and 5 micron coating over 5 microns Over epoxy primer on the reverse side confirming to ASTM –A792 or AS 1397 factory cut and supplied in required lengths to suit shop drawing	SQM	280	<b>\$</b>
	the roofing sheet shall be crest fixed to the purlins with galvanized self drilling and self tapping screws of size 12-14 x 55 mm longof buildex /corrosheild confirming to AS 1397 with EPDM Ceiling washers and with butyl sealant and foam filler wherever necessary. Z Shaped Sub-girts of size 50 x 50 x 80 mm made out of 1.6 mm thick Galvanised steel will be fixed with self drilling and self tapping fasteners to the bottom sheet.			y v
	Mineral wool slabs having density of 96 kg/M3 of 80 mm thick conforming to IS 8183 encased in black Polythene bags is placed over the bottom sheet.			

	slabs only.		
	Providing, fabricating and erecting form work at all levels and places and profiles wherever needed/specified as per drawing including striking with 12mm Plastic coated, marine resistant waterproof ply/Smooth finished MS plates with adjustable steel props of acceptable Staging system and with sufficient bracing as approved by consultant. Cost to include designing of proper form work and staging system to suit the requirements, Submission of design calculations and shop drawings for approval, sealing the joints with heavy duty brown self adhesive tape, aligning to line and levels including M.S. Ties, PVC Spacer, Providing openings/ cutouts/ pockets, applying deshuttering chemical, Deshuttering as approved by the consultant etc., complete at all levels, double/tripple heights and profiles.		
FW- 4.10	Foundations Shuttering		
	Footings of Columns/Pedestals & Retaining walls	SQM	35
FW- 4.20	Columns/Pedestals Shuttering		
	Ground Floor Pedestals/Columns	SQM	35
FW- 4.30	Beams Shuttering		
	Plinth Beams	SQM	40

## OK SHUTTERING & FORM WORK =

RS- 5.00	REINFORCING STEEL WORKS		
RS-	Supplying, collecting, fabricating & fixing in		
5.10	position reinforcement for RCC work with high		
	yield strength ribbed cold twisted tor steel bar of		
	various diameters and grade of steel at all levels		
	conforming to IS specification including		
	transporting from yard, decoiling, straigtening,		
	cutting, bending, hoisting, fabricating, and placing		
	in position according to drawings and binding the		
	reinforcement with GI/MS annealed binding wire		
	of double fold of 18 gauge and providing PVC		
	cover blocks, for placing the reinforcements in		
	position and for maintaining the cover specified		
	and/or according to relevant IS specs.		
	Note: Unless noted otherwise the measurements in		
	accordance with IS 1200. However reinforcement		
	shall be measured only in lengths of bars as		
	actually placed in position on standard weight		
	basis, no allowance being made in the weight for		
	rolling margin. Authorised laps and splices only		
	will be measured. Chairs of any shape & profile,		
	Spacer bar of any shape & profile, cover block,		

	M20 = 300 kgs			
	M25 = 300  kgs			
	M30 = 320  kgs			
	M35 = 340  kgs			
	M40 = 360  kgs			
	M45 = 380  kgs			
	Minimum cement content of concrete mentioned are of Guidence purpose only and the same shall			
	be confirmed with trail Mix and Cube Teat as per relevant IS standard			
RC- 3.10	Providing and laying in position specified grade as per approved mix design of reinforced cement concrete for <b>Foundations</b> .			
	Footings of Columns/Pedestals & Retaining walls (M30)	CUM	15	
RC- 3.20	Providing and laying in position specified grade as per approved mix design of reinforced cement			
	concrete for Columns/Pedestals.	A-15		
	Ground Floor Pedestals/Columns (M30)	CUM	5	
RC-	Providing and laying in position specified grade as			
3.30	per approved mix design of reinforced cement concrete for <b>Plinth &amp; Floor Beams</b> .			
	Plinth Beams (M25)	CUM	3	
RC-	Providing and laying in position specified grade as			
3.40	per approved mix design of reinforced cement concrete for <b>Floor Slabs</b> .			

## TOTAL AMOUNT FOR REINFORCED CEMENT CONCRETE WORK =

FW- 4.00	FORM WORK & SHUTTERING		
	Important notes in regard to Form work & Shuttering.	*	
	1. Contractors shall submit drawings showing the scheme of form work (shuttering) for all itmes of work detailed as under, at various levels as indicated in drawings and this shall be obligatory.		
	2. Formwork shall be designed for rigidity, durability, strength, water tightness, easy removal		
	etc.,  3. Formwork designed with proposed materials (to		
	be approved) shall be able to retain its shape, line, dimension, level within the allowable limits of variations. Props shall be only steel.	X	
	4. Necessary arrangement shall be envisaged to provide camber in beams or slabs as per design and Formwork for construction joints shall be submitted for approval.		
	5. Film coated plywood shuttering shall be considered for all vertical elements, beam soffit, corewalls, stairs, ramps, tanks, RCC pedestals, etc.,		
	M.S. plates shall be considered for foundation &		

	and the rates shall include for excavated/backfilled items.				
EW- 1.20	Earth filling with approved good quality earth in plinths, area development etc., wherever specified in layers of not exceeding 300 mm thick including breaking clods, watering, consolidation each layer to achieve 95% proctor density and dry density of 1.9gm/cc at optimum moisture content, with all leads and lifts, bailing/ pumping out of water to keep site dry while backfilling. The quantity also includes backfilling of				
	footing pits, retaining walls, RC				
EW-	upstands, etc.  Filling with available selected	CUM	50		
1.21	excavated earth.	COM	50		
	TOTAL AMOU	NT FOR	EARTHWOR	K & SSN	T = 1
PC- 2.00	PLAIN CEMENT CONCRETE WORKS				
PC-	Providing and laying PCC 1:4:8 of specifie	d			
2.10	thickness using Manufactured sand & 40				
	down size aggregates including base preparations are about the size of the siz	aration,			
PC-	concreting, curing, shuttering, etc., comp.  For below Foundations.	lete.	CLINA	-	
2.11	For below Foundations.				
			CUM	5	(4)
	TOTAL AMOUNT FOR PLAIN CEMENT	CONCRE	*		
	TOTAL AMOUNT FOR PLAIN CEMENT	CONCRE	*		•
	TOTAL AMOUNT FOR PLAIN CEMENT		*		
RC-	REINFORCED CEMENT CONCRETE WO	RKS	*		
RC-	REINFORCED CEMENT CONCRETE WO  Important notes in regard to reinforced ce	RKS	*		
RC-	REINFORCED CEMENT CONCRETE WO  Important notes in regard to reinforced ce concrete.	<b>RKS</b> ment	*		
RC-	Important notes in regard to reinforced ce concrete.  1. All concrete used for reinforced concrete.	<b>RKS</b> ment e work	*		
RC-	Important notes in regard to reinforced ce concrete.  1. All concrete used for reinforced concret (structural concrete) shall machine mixed	ment e work and	*		
RC-	Important notes in regard to reinforced ce concrete.  1. All concrete used for reinforced concret (structural concrete) shall machine mixed shall be "Controlled concrete" and the use	ment e work and of	*		
RC-	Important notes in regard to reinforced ce concrete.  1. All concrete used for reinforced concret (structural concrete) shall machine mixed	ment e work and of	*		
RC-	Important notes in regard to reinforced ce concrete.  1. All concrete used for reinforced concret (structural concrete) shall machine mixed shall be "Controlled concrete" and the use weight batching is a must and shall be insupon.	ment e work and of sisted	*		
RC-	Important notes in regard to reinforced ce concrete.  1. All concrete used for reinforced concret (structural concrete) shall machine mixed shall be "Controlled concrete" and the use weight batching is a must and shall be insupon.  2. While quoting for structural concrete we contractors are particularly advised to stu	ment e work and of sisted ork dy the	*		
RC-	Important notes in regard to reinforced ce concrete.  1. All concrete used for reinforced concret (structural concrete) shall machine mixed shall be "Controlled concrete" and the use weight batching is a must and shall be insupon.  2. While quoting for structural concrete we contractors are particularly advised to sturelevant drawings carefully before quoting	ment e work and of sisted ork dy the	*		
RC-	Important notes in regard to reinforced ce concrete.  1. All concrete used for reinforced concret (structural concrete) shall machine mixed shall be "Controlled concrete" and the use weight batching is a must and shall be insupon.  2. While quoting for structural concrete we contractors are particularly advised to sturelevant drawings carefully before quoting 3. The successful tenderer shall maintain	e work and of sisted ork dy the at site,	*		
RC-	Important notes in regard to reinforced ce concrete.  1. All concrete used for reinforced concret (structural concrete) shall machine mixed shall be "Controlled concrete" and the use weight batching is a must and shall be insupon.  2. While quoting for structural concrete we contractors are particularly advised to sturelevant drawings carefully before quoting 3. The successful tenderer shall maintain cube testing machine in good working ord	ment e work and of sisted ork dy the at site, er,	*		
RC-	Important notes in regard to reinforced ce concrete.  1. All concrete used for reinforced concrete (structural concrete) shall machine mixed shall be "Controlled concrete" and the use weight batching is a must and shall be insupon.  2. While quoting for structural concrete we contractors are particularly advised to sturelevant drawings carefully before quoting 3. The successful tenderer shall maintain cube testing machine in good working ord sieves, slump cone, graduated cylinder and	ment e work and of sisted ork dy the at site, er,	*		
	Important notes in regard to reinforced ce concrete.  1. All concrete used for reinforced concrete (structural concrete) shall machine mixed shall be "Controlled concrete" and the use weight batching is a must and shall be insupon.  2. While quoting for structural concrete we contractors are particularly advised to sturelevant drawings carefully before quoting 3. The successful tenderer shall maintain cube testing machine in good working ord sieves, slump cone, graduated cylinder an weights, scales for material testing.	ment e work and of sisted ork dy the at site, er, d	*		
RC-	Important notes in regard to reinforced ce concrete.  1. All concrete used for reinforced concrete (structural concrete) shall machine mixed shall be "Controlled concrete" and the use weight batching is a must and shall be insupon.  2. While quoting for structural concrete we contractors are particularly advised to sturelevant drawings carefully before quoting 3. The successful tenderer shall maintain cube testing machine in good working ord sieves, slump cone, graduated cylinder and	ment e work and of sisted ork dy the at site, er, d	*		

and other works in connection with services like				
water supply, sanitary and electricity.				
5. The rate should also include the cost of staging				
5. The rate should also include the cost of staging		Y		
The design of staging wherever necessary and				
design mix shall be done by the contractor &				
should get the approval from consultants.		_		
6. The waterproof compound for concrete mix				
should be of plastocrete super of Sika Qualcrete P		1		
Ltd. or Conplast X4211C of FOSROC or equivalent				
as per manufacturer's specification				
7. Vibrators shall be used for all works. Placing of				
insert plates, MS angles and openings in				
slabs/beams wherever necessary.				
Providing & laying controlled reinforced cement		1		
concrete conforming to grades as specified in (IS				
456 - 2000) as per specifications using 20mm				
down size aggregates with OPC 53 grade at any				
depth or heights excluding the cost of steel				
reinforcement and Shuttering/Formwork. The rate				
shall include for scaffolding, compacting with				
vibration, curing, hacking(wherever required) and				
providing recess to walls or columns, sleeves in				
slabs, construction joints sunk slabs, cantilever				
slabs, making holes or cutting formwork for taking				
out Electrical conduits or dowels for column to				
Brick work, to the required shape, size, slope				
shown in drawings for the following items of work.	,			
 The rate shall include cover blocks to keep				
reinforcement in position within concrete made of				
PVC or Nylon of approved make/quality and				
arrangements to provide recesses to slabs,				
arrangements to provide recesses to stabs,			2	
columns, walls and placing and securing properly				
within the formwork sleeves and/or opening in				
slabs, embedment's such as insert plates, bolts,				
corner protection angles, anchors etc. (embedment				
shall be paid separately under respective items),				
construction joints, sunk slabs, cantilever slabs,				
making holes or cutting formwork for taking out				
Electrical conduits or dowels, switch box, hooks,				
puddle flange, sleeves, etc., for column to Block /				
Brick work etc. to the required shape, size and		1		
slope as shown in the drawing.				
For all Concrete works to be done from Batching				
Plant with Minimum Capacity of 30 cum /hr.			1	
Design mix shall be as approved by the Structural			1	
Consultant. Test Lab Site has to be set up to test				
samples at regular intervels and as instructed by				
Stuctural Consultants. All RCC elements should				
be water leak proof structure and the contractor				
ensure the same. The minimum cement contents				
for different grades of concrete and using 53 grade				
of cement shall be as follows.				
M10 = 210 kgs				

	holes, fixing and testing etc. complete as per		
	manufacturer's specification and as directed by		
	the ENGINEER. M10 dia	NOS	10
-	M12 dia	NOS	10
	M16 dia	NOS	50
SS-	Supplying and fixing chemical fasteners of	NOS	30
5.60	FOSROC/eqv. make of approved brand by		
	structural consultant in RC beams, columns and		
	slabs including scaffolding, drilling holes, fixing		
	and testing etc. complete as per manufacturer's		
	specification and as directed by the ENGINEER.  M10 dia	NOS	10
_	M12 dia	NOS	
	M16 dia		10
		NOS	10
	TOTAL AMOUNT FOR STRUCT	UKAL ST	EEL WORK
VIW-	MISCELLANEOUS WORKS		
7.00	WARDOW WORKS		
WW-	Supplying and fixing chemical lockset for rebar	N	IOS
	with France /IIilti / com and I a 1 4		
7.10	with Fosroc/Hilti/eqv. make and complete as per		
	manufacturer specification.		
MW-	manufacturer specification. Providing and laying <b>Non Shrink grout</b> of	I	TR
	manufacturer specification.  Providing and laying <b>Non Shrink grout</b> of FOSROC/eqv. make approved quality as per	I	LTR
MW-	manufacturer specification.  Providing and laying <b>Non Shrink grout</b> of FOSROC/eqv. make approved quality as per manufacturer's specification.		
MW-	manufacturer specification.  Providing and laying <b>Non Shrink grout</b> of FOSROC/eqv. make approved quality as per		
MW- 7.20	manufacturer specification.  Providing and laying Non Shrink grout of FOSROC/eqv. make approved quality as per manufacturer's specification.  TOTAL AMOUNT FOR MISC FINISHING WORKS		
MW- 7.20	manufacturer specification.  Providing and laying Non Shrink grout of FOSROC/eqv. make approved quality as per manufacturer's specification.  TOTAL AMOUNT FOR MISC FINISHING WORKS  Providing and constructing 200mm thick precast		
MW- 7.20	manufacturer specification.  Providing and laying Non Shrink grout of FOSROC/eqv. make approved quality as per manufacturer's specification.  TOTAL AMOUNT FOR MISC  FINISHING WORKS  Providing and constructing 200mm thick precast concrete solid blocks masonry of size	ELLANE(	DUS WORK
MW- 7.20	manufacturer specification.  Providing and laying Non Shrink grout of FOSROC/eqv. make approved quality as per manufacturer's specification.  TOTAL AMOUNT FOR MISC  FINISHING WORKS  Providing and constructing 200mm thick precast concrete solid blocks masonry of size 40x20x20cms with compressive strength not less	ELLANE(	DUS WORK
MW- 7.20	manufacturer specification.  Providing and laying Non Shrink grout of FOSROC/eqv. make approved quality as per manufacturer's specification.  TOTAL AMOUNT FOR MISC  FINISHING WORKS  Providing and constructing 200mm thick precast concrete solid blocks masonry of size 40x20x20cms with compressive strength not less than 38 Kg/cmsq with cement mortar 1:6	ELLANE(	DUS WORK
MW- 7.20	manufacturer specification.  Providing and laying Non Shrink grout of FOSROC/eqv. make approved quality as per manufacturer's specification.  TOTAL AMOUNT FOR MISC  FINISHING WORKS  Providing and constructing 200mm thick precast concrete solid blocks masonry of size 40x20x20cms with compressive strength not less than 38 Kg/cmsq with cement mortar 1:6 masonry of joint thickness not to be more than	ELLANE(	DUS WORK
MW- 7.20	manufacturer specification.  Providing and laying Non Shrink grout of FOSROC/eqv. make approved quality as per manufacturer's specification.  TOTAL AMOUNT FOR MISC  FINISHING WORKS  Providing and constructing 200mm thick precast concrete solid blocks masonry of size 40x20x20cms with compressive strength not less than 38 Kg/cmsq with cement mortar 1:6 masonry of joint thickness not to be more than 20mm (quoin, jamb,closer blocks) confirming to I.S. 2185/1965 in superstructure including cost of	ELLANE(	DUS WORK
MW- 7.20	manufacturer specification.  Providing and laying Non Shrink grout of FOSROC/eqv. make approved quality as per manufacturer's specification.  TOTAL AMOUNT FOR MISC  FINISHING WORKS  Providing and constructing 200mm thick precast concrete solid blocks masonry of size 40x20x20cms with compressive strength not less than 38 Kg/cmsq with cement mortar 1:6 masonry of joint thickness not to be more than 20mm (quoin, jamb, closer blocks) confirming to I.S. 2185/1965 in superstructure including cost of materials, labourcharges, scaffolding, ladders,	ELLANE(	DUS WORK
MW- 7.20	manufacturer specification.  Providing and laying Non Shrink grout of FOSROC/eqv. make approved quality as per manufacturer's specification.  TOTAL AMOUNT FOR MISC  FINISHING WORKS  Providing and constructing 200mm thick precast concrete solid blocks masonry of size 40x20x20cms with compressive strength not less than 38 Kg/cmsq with cement mortar 1:6 masonry of joint thickness not to be more than 20mm (quoin, jamb,closer blocks) confirming to I.S. 2185/1965 in superstructure including cost of materials, labourcharges, scaffolding, ladders, platforms, staging, curing, plant required for the	ELLANE(	DUS WORK
MW- 7.20	manufacturer specification.  Providing and laying Non Shrink grout of FOSROC/eqv. make approved quality as per manufacturer's specification.  TOTAL AMOUNT FOR MISC  FINISHING WORKS  Providing and constructing 200mm thick precast concrete solid blocks masonry of size 40x20x20cms with compressive strength not less than 38 Kg/cmsq with cement mortar 1:6 masonry of joint thickness not to be more than 20mm (quoin, jamb,closer blocks) confirming to I.S. 2185/1965 in superstructure including cost of materials, labourcharges, scaffolding, ladders, platforms, staging, curing, plant required for the execution of the work etccomplete as per	ELLANE(	DUS WORK
MW- 7.20	manufacturer specification.  Providing and laying Non Shrink grout of FOSROC/eqv. make approved quality as per manufacturer's specification.  TOTAL AMOUNT FOR MISC  FINISHING WORKS  Providing and constructing 200mm thick precast concrete solid blocks masonry of size 40x20x20cms with compressive strength not less than 38 Kg/cmsq with cement mortar 1:6 masonry of joint thickness not to be more than 20mm (quoin, jamb,closer blocks) confirming to I.S. 2185/1965 in superstructure including cost of materials, labourcharges, scaffolding, ladders, platforms, staging, curing, plant required for the execution of the work etccomplete as per specifications & relevant drawings / as directed by	ELLANE(	DUS WORK
MW- 7.20	manufacturer specification.  Providing and laying Non Shrink grout of FOSROC/eqv. make approved quality as per manufacturer's specification.  TOTAL AMOUNT FOR MISC  FINISHING WORKS  Providing and constructing 200mm thick precast concrete solid blocks masonry of size 40x20x20cms with compressive strength not less than 38 Kg/cmsq with cement mortar 1:6 masonry of joint thickness not to be more than 20mm (quoin, jamb,closer blocks) confirming to I.S. 2185/1965 in superstructure including cost of materials, labourcharges, scaffolding, ladders, platforms, staging, curing, plant required for the execution of the work etccomplete as per specifications & relevant drawings / as directed by the Architect / Engineer In charge. Bearing blocks	ELLANE(	DUS WORK
MW- 7.20	Providing and laying Non Shrink grout of FOSROC/eqv. make approved quality as per manufacturer's specification.  TOTAL AMOUNT FOR MISC  FINISHING WORKS  Providing and constructing 200mm thick precast concrete solid blocks masonry of size 40x20x20cms with compressive strength not less than 38 Kg/cmsq with cement mortar 1:6 masonry of joint thickness not to be more than 20mm (quoin, jamb,closer blocks) confirming to I.S. 2185/1965 in superstructure including cost of materials, labourcharges, scaffolding, ladders, platforms, staging, curing, plant required for the execution of the work etccomplete as per specifications & relevant drawings / as directed by the Architect / Engineer In charge. Bearing blocks of concrete or bricks in motor courses will have to	ELLANE(	DUS WORK
MW- 7.20	manufacturer specification.  Providing and laying Non Shrink grout of FOSROC/eqv. make approved quality as per manufacturer's specification.  TOTAL AMOUNT FOR MISC  FINISHING WORKS  Providing and constructing 200mm thick precast concrete solid blocks masonry of size 40x20x20cms with compressive strength not less than 38 Kg/cmsq with cement mortar 1:6 masonry of joint thickness not to be more than 20mm (quoin, jamb,closer blocks) confirming to I.S. 2185/1965 in superstructure including cost of materials, labourcharges, scaffolding, ladders, platforms, staging, curing, plant required for the execution of the work etccomplete as per specifications & relevant drawings / as directed by the Architect / Engineer In charge. Bearing blocks	ELLANE(	DUS WORK
MW- 7.20	manufacturer specification.  Providing and laying Non Shrink grout of FOSROC/eqv. make approved quality as per manufacturer's specification.  TOTAL AMOUNT FOR MISC  FINISHING WORKS  Providing and constructing 200mm thick precast concrete solid blocks masonry of size 40x20x20cms with compressive strength not less than 38 Kg/cmsq with cement mortar 1:6 masonry of joint thickness not to be more than 20mm (quoin, jamb,closer blocks) confirming to I.S. 2185/1965 in superstructure including cost of materials, labourcharges, scaffolding, ladders, platforms, staging, curing, plant required for the execution of the work etccomplete as per specifications & relevant drawings / as directed by the Architect / Engineer In charge. Bearing blocks of concrete or bricks in motor courses will have to be introduced where ever required.	SQM	200
MW-7.20	manufacturer specification.  Providing and laying Non Shrink grout of FOSROC/eqv. make approved quality as per manufacturer's specification.  TOTAL AMOUNT FOR MISC  FINISHING WORKS  Providing and constructing 200mm thick precast concrete solid blocks masonry of size 40x20x20cms with compressive strength not less than 38 Kg/cmsq with cement mortar 1:6 masonry of joint thickness not to be more than 20mm (quoin, jamb,closer blocks) confirming to I.S. 2185/1965 in superstructure including cost of materials, labourcharges, scaffolding, ladders, platforms, staging, curing, plant required for the execution of the work etccomplete as per specifications & relevant drawings / as directed by the Architect / Engineer In charge. Bearing blocks of concrete or bricks in motor courses will have to be introduced where ever required.  Plastering internal surfaces of walls, beam above wall, brick fins, brick pillars etc. with CM 1:6, 12	ELLANE(	DUS WORK
MW-7.20	manufacturer specification.  Providing and laying Non Shrink grout of FOSROC/eqv. make approved quality as per manufacturer's specification.  TOTAL AMOUNT FOR MISC  FINISHING WORKS  Providing and constructing 200mm thick precast concrete solid blocks masonry of size 40x20x20cms with compressive strength not less than 38 Kg/cmsq with cement mortar 1:6 masonry of joint thickness not to be more than 20mm (quoin, jamb,closer blocks) confirming to I.S. 2185/1965 in superstructure including cost of materials, labourcharges, scaffolding, ladders, platforms, staging, curing, plant required for the execution of the work etccomplete as per specifications & relevant drawings / as directed by the Architect / Engineer In charge. Bearing blocks of concrete or bricks in motor courses will have to be introduced where ever required.  Plastering internal surfaces of walls, beam above wall, brick fins, brick pillars etc. with CM 1:6, 12 mm thick average, according to specification	SQM	200
MW-7.20	manufacturer specification.  Providing and laying Non Shrink grout of FOSROC/eqv. make approved quality as per manufacturer's specification.  TOTAL AMOUNT FOR MISC  FINISHING WORKS  Providing and constructing 200mm thick precast concrete solid blocks masonry of size 40x20x20cms with compressive strength not less than 38 Kg/cmsq with cement mortar 1:6 masonry of joint thickness not to be more than 20mm (quoin, jamb,closer blocks) confirming to I.S. 2185/1965 in superstructure including cost of materials, labourcharges, scaffolding, ladders, platforms, staging, curing, plant required for the execution of the work etccomplete as per specifications & relevant drawings / as directed by the Architect / Engineer In charge. Bearing blocks of concrete or bricks in motor courses will have to be introduced where ever required.  Plastering internal surfaces of walls, beam above wall, brick fins, brick pillars etc. with CM 1:6, 12 mm thick average, according to specification including necessary scaffolding, curing etc.	SQM	200
MW-7.20	manufacturer specification.  Providing and laying Non Shrink grout of FOSROC/eqv. make approved quality as per manufacturer's specification.  TOTAL AMOUNT FOR MISC  FINISHING WORKS  Providing and constructing 200mm thick precast concrete solid blocks masonry of size 40x20x20cms with compressive strength not less than 38 Kg/cmsq with cement mortar 1:6 masonry of joint thickness not to be more than 20mm (quoin, jamb,closer blocks) confirming to I.S. 2185/1965 in superstructure including cost of materials, labourcharges, scaffolding, ladders, platforms, staging, curing, plant required for the execution of the work etccomplete as per specifications & relevant drawings / as directed by the Architect / Engineer In charge. Bearing blocks of concrete or bricks in motor courses will have to be introduced where ever required.  Plastering internal surfaces of walls, beam above wall, brick fins, brick pillars etc. with CM 1:6, 12 mm thick average, according to specification including necessary scaffolding, curing etc. complete. The rate shall include the cost of GI	SQM	200
MW-7.20	manufacturer specification.  Providing and laying Non Shrink grout of FOSROC/eqv. make approved quality as per manufacturer's specification.  TOTAL AMOUNT FOR MISC  FINISHING WORKS  Providing and constructing 200mm thick precast concrete solid blocks masonry of size 40x20x20cms with compressive strength not less than 38 Kg/cmsq with cement mortar 1:6 masonry of joint thickness not to be more than 20mm (quoin, jamb, closer blocks) confirming to I.S. 2185/1965 in superstructure including cost of materials, labourcharges, scaffolding, ladders, platforms, staging, curing, plant required for the execution of the work etccomplete as per specifications & relevant drawings / as directed by the Architect / Engineer In charge. Bearing blocks of concrete or bricks in motor courses will have to be introduced where ever required.  Plastering internal surfaces of walls, beam above wall, brick fins, brick pillars etc. with CM 1:6, 12 mm thick average, according to specification including necessary scaffolding, curing etc. complete. The rate shall include the cost of GI Plaster mesh - 4" to 6" wide (manufactured by	SQM	200
MW-7.20	manufacturer specification.  Providing and laying Non Shrink grout of FOSROC/eqv. make approved quality as per manufacturer's specification.  TOTAL AMOUNT FOR MISC  FINISHING WORKS  Providing and constructing 200mm thick precast concrete solid blocks masonry of size 40x20x20cms with compressive strength not less than 38 Kg/cmsq with cement mortar 1:6 masonry of joint thickness not to be more than 20mm (quoin, jamb,closer blocks) confirming to I.S. 2185/1965 in superstructure including cost of materials, labourcharges, scaffolding, ladders, platforms, staging, curing, plant required for the execution of the work etccomplete as per specifications & relevant drawings / as directed by the Architect / Engineer In charge. Bearing blocks of concrete or bricks in motor courses will have to be introduced where ever required.  Plastering internal surfaces of walls, beam above wall, brick fins, brick pillars etc. with CM 1:6, 12 mm thick average, according to specification including necessary scaffolding, curing etc. complete. The rate shall include the cost of GI	SQM	200

	making patties wherever necessary etc.,			
FS- 8.02	Plastering external surfaces of walls, External column and peripheral beam outer surface with CM 1:6, 20mm thick (average) in two coats with a under layer of 12mm and top layer of 8mm thick with water proofing compound according to specification including necessary scaffolding, curing and hacking to the surface etc., complete. The rate shall include the cost of GI Plaster mesh - 4" to 6" wide (manufactured by M/s. Arpita Exports Ltd.,).at the junction of column/beam/lintal. The rate shall include for making grooves, patties coving on chajjas and 2" drip mould where ever neseccary etc. if applicable as per the direction of Project Manager.	SQM	350	
F S - 8.03	Prepare the surfaces and plastered internal walls, columns, beams, fins etc. and apply two coats of Acrylic Emulsion Paint of approved make and shade over one coat of wall primer painting including necessary sand papering, full putty work, scaffolding etc., complete. The rate shall include for finishing the painting to obtain an even and uniform shade as directed by the Architects / Project Managers.	SQM	50	
FS- 8.04	Providing two coats of APEX exterior paint of approved shade over one coat of primer. The surface should be thoroughly cleaned before, painting. The painting should be done as per the manufacturer's specification. THE SURFACE AREA ONLY SHALL BE MEASURED AND PAID FOR (External Wall)	SQM	350	3
FS- 8.05	Providing and fixing two way semi unitized Single glazed structural glazing system having main frame work of verticals and horizontal made out of specially design extruded polyester powder coated aluminum section to withstand Designed wind speed as per I S code of practice with 6 mm thick heat strengthened offline coated reflective glass with all standard necessary accessories including clear silicon sealant of approved make ,EPDM triple barriers, weather strip to ensure water and air-tightness etc., complete as detailed in drawings and as directed by the Architects / Project Managers / Client's representatives. The quoted rate shall include Providing and applying F M Global approved Fire & Smoke Sealant at all the necessary areas such as Floor levels, gaps between Glazing members & Floor levels to the	SQM	20	

	required size as per site conditions inclusive of necessary products and other required supports, wastages, transportation, applicable taxes etc. complete.			
F S - 8.06	Providing and fixing Twin leaf shutter Patch fitting glass door using 12 mm thick Clear Fully Tempered glass of approved make without having any intermediate horizontal or vertical members with approved operating hardwares sush as SS patch fittings, brush steel finish SS handles of size 16" height, patch lock, floor springs, integration provision for magnetic contact and access control etc., complete for frameless patch doors of size mentioned below, twin leaf shutters with fixed panel on top, as detailed in drawings and as directed by the Architects / Project Managers / Client's representatives. The rate shall inlcude scaffolding, wastages, transportation, applicable taxes, making holes in the glass etc. complete.	SQM	5	
FS- 8.08	Prividing and Fixing Books Storage cup board made out of 19 mm PRE LAM Board of approved make as per the design with all tools and tackles complete as detailed in drawings and as directed by the Architects / Project Managers / Client's representatives.	SQM		
FS-, 8.09	Supplying and applying single component, elastomeric 100% pure polyurethane coating, which is free from bitumen and tar, having elongation of 400% and tensile strength of 2-4 MPa(as per ASTM D 412), crack bridging up to 2mm, applied at total consumption of 1.8kg/sqm to achieve total system DFT of 1.2-1.3mm thickness. The coating shall be continued to the entire horizontal area and should be terminated at 300mm over the vertical surface  The system includes base preparation of cleaning, brushing and removal of flacky materials, grouting the porous area with cementitious grout, proper coving between slab and wall junctions and priming the surface with high moisture insensitive epoxy primer applied @ 150gms/Sqm, followed by application of polyurethane coating.	SQM	100	
FS- 8.10	Providing and laying Rough Granite stone slab of specified size and 19mm thickness, hand / machine cut and pre polished and laying for Flooring including cement slurry, tinted white cement pointing to match the colour of the slab,	SQM	175	

	curing, waxing, Protecting the polished surface			
	with POP till handing over the building etc., complete. The rate shall include for required Nosing as per the intent drawing and as directed			
	by the Engineer In Charge. (Basic cost Rs.150/-SFT)			
S-	Specification & scope of work same as Rough	RMT	100	
8.11	Granite Flooring but for skirting including necessary chipping, finishing, grooves, nosing			
	etc.,including chasing wall where necessary, making good the chased surface in CM 1:4: a) 100mm			
S - 3.12	Providing and laying Granite stone slab of specified size and 19mm thickness, hand / machine cut and pre-polished and laying for	SMT	15	
	Coping including cement slurry, tinted white cement pointing to match the colour of the slab,			
	curing, waxing, Protecting the polished surface with POP till handing over the building etc., complete. The rate shall include for required			
	Nosing as per the intent drawing and as directed by the Engineer In Charge.			
	(Basic cost Rs.150/-SFT)			
FS. 8.13	Supplying, Providing and fixing M S Expanded Metal Mesh for External Railing made out of M S sections with vertical and horizontal support framework of required sections for stability with necessary spot welding. Rate shall include for	SMT	75	
	providing 2 coats of Enamel paint over one coat of primer complete as per the intent drawing and as directed by the Engineer In Charge.		*	
FS. 8.14	Providing water proofing for land scape area with The first part consists of application of first layer of micro fibre reinforced acrylic polymer modified	Sqm	50	
	white cementitious waterproof coating, two part, after base preparation of cleaning, brushing and removal of flaky materials, grouting the porous			
	area with cementatious grout, fixing of weep holes, Grouting of pipe outlets etc and applying in two coats @ 750 Gms/Sqm/Coat. The coatings shall			
	be applied at intervals and as per the manufacturer's specifications. Cost to include the			
	treatment along wall up to min 300 mm and no extra measurements shall be accounted for the wall treatment.			
	The second part consists of surface method in two layers in CM 1:4 of thickness 35mm for floor, 25mm for walls till floor level and 18mm till 300mm above floor level with water proof			
	admixture as per Manufacturer's specification approved by consultants. Note: Plan area shall be			

the mode of measurement.	
Total	
GST	
Grand Total	

