

<b>CHAPTER-II</b>			
<b>ROADS/BUILDING CONSTRUCTION WORKS</b>			
<b>Item No.</b>		<b>Description</b>	<b>Unit</b>
II	a)	Clearing of Jungle including uprooting Rank Vegetation grass, Brush wood, trees sampling upto 30 cm girth and removal of such rubbish to a distance of 20 mtrs out side the periphery of the area cleaned.	Sq.m.
	b)	Bush cutting and clearance per head load of 30 Kg.	Each
<b>A</b>		<b>EARTH CUTTING</b>	
		Cutting in earth work and disposal of excavated earth upto a lead of 20 mtr.	
	i)	Spade work	Cum.
	ii)	Pick Work	Cum.
	iii)	Jumper work	Cum.
	iv)	Blasting work	
		a) Soft Rock	Cum.
		b) Hard Rock	Cum.
	v)	Chiseling /wedging out of rock (where blasting is prohibited).	
		a) Soft Rock	Cum.
		b) Hard Rock	Cum.
	vi)	Excavation in Saturated soil upto a depth of 1.00 mtrs i/c pumping, bailing out water and disposing of excavated soil upto lead of 20 meters from the surface & lift upto 1:50	Cum.
<b>B</b>		<b>SURFACE DRESSING</b>	
	i)	Dressing the ground i/c cutting & filling upto 15 cm.	
		a) Spade work	Cum.
		b) Pick work	Cum.
	ii)	Removal of snow from road surface height upto 1:50 mtrs	
		a) Fresh Snow	Cum.
		b) Solidified Snow	Cum.
	iii)	Removal of slips in all kinds of soil (i/c saturated soil but excluding boulders and rocky portion requiring blasting) upto a distance of 20 mtrs, disposing of unserviceable materials & neatly dressing the surface including stacking of serviceable material.	Cum.
	iv)	Removal of boulders of rocky portion of slips (where blasting is required) upto distance of 20 mtrs., disposing of un-serviceable materials and neatly dressing the surface including stacking of serviceable material.	Cum.

<b>CHAPTER-III</b>				
<b>MASONRY WORK IN ROADS/BUILDINGS</b>				
<b>Item No.</b>			<b>Description</b>	<b>Unit</b>
i)			Dry stone random rubble masonry (uncoursed/brought to course) in foundation & plinth, walls, retaining walls, parapet walls, breast walls and abutment of culverts etc.	Cum.
ii)			R.R.Stone masonry in mud, cement or lime mortar in foundation & Plinth of wall, B/Wall & abutment of culverts etc. including dressing of stones & leveling upto plinth	Cum.
iii)			R.R. masonry/polygonal rubble masonry (uncourse/brought for courses) with hard stones of approved quality i/c leveling up with c.c. 1:6:12 at plinth level in cement mortar 1:6 or 1:8	Cum.
iv)			R.R. masonry/polygonal rubble masonry (uncourse/brought to courses) with hard stones of approved quality i/c leveling up with c.c. 1:6:12 at plinth level in cement mortar 1:6 or 1:8 in breast walls & retaining walls.	Cum.
v)	<b>Extra for R.R. Stone works: -</b>			
	a)		In super Structure upto 3 mtrs. height i/c scaffolding	Cum.
	b)		Super Structure above 3 mtrs. height i/c scaffolding (for R/walls & abutment etc. height of 4 mtrs. above ground level shall be reckoned as their level two) in case of abutment piers this height shall be 6 mtrs above ground level	1% of the rate of stone work from plinth to floor two level i.e. upto 3 mtrs height.
	c)		Square or rectangular pillars.	Cum.
	d)		Circular Pillars	Cum.
vi)			Squared rubble masonry (H.D.C.R.) coursed with hard stone of approved quality in foundation & plinth of walls . R/wall, B/wall and abutment of culverts etc. including dressing of stone.	
	a)		Laid dry	Cum.
	b)		In mud mortar	Cum.
	c)		In cement mortar	Cum.
vii)	<b>Extra for squared rubble masonry (H.D.C.R.)</b>			
	a)		In super structure above plinth level (upto 3 mtrs height above plinth)	Cum.
	b)		Super structure above floor two level (taking each FL to be of average 3 mtrs.height)	1% of the rate of stone work from plinth to floor two level
	c)		Square or rectangular pillars.	Cum.
	d)		Circular Pillars	Cum.

<b>CHAPTER-IV</b>			
<b>ROAD WORK</b>			
<b>Item No.</b>		<b>Description</b>	<b>Unit</b>
A		Preparation of sub grade by dressing to camber (Earth work for the cutting involved for sub grade to be paid for separately depending upon the classification of soil) Net Work	Sqm.
B)		<b>Soling</b>	
	a)	Stone soling properly hand packed, filling interstices with Kharanja stone consolidating with hand ramming to the required grade and camber including spreading, watering of binding material i.e. murum & earth etc.	Cum
	b)	Brick soling with over burnt bricks and consolidation with hand ramming, one layer laid flat.	Cum
	c)	Brick soling with over burnt bricks and consolidation with hand ramming, one layer laid on edge.	Cum
C)		<b>Preparation &amp; Priming of Surfaces.</b>	
		Preparation of surfaces by brushing with wire brush etc. and sweeping with brooms to remove all loose dirt etc.	
	a)	New	Sqm.
	b)	Black surfaces.	Sqm.
D)		<b>Surfacing Dressing with Paving/Cut Back Bitumen.</b>	
	a)	Surface not previously painted: - Surface dressing one coat with bitumen using 18 Kg. of bitumen or 20 Kg. cut back per sqm. with 0.15 Cum of stone chipping 12 mm. nominal size per 10 Sqm. of road surface and rolling complete (hiring charges of Road Roller shall be paid separately where ever it is used).	Sqm.
	b)	Surface previously painted (Renewal Coat) :- Surface dressing / renewal coat with bitumen using 11 Kg. of bitumen or 12 Kg. of cut back per 10 Sqm. of road surface and rolling complete (hiring charges of Road Roller shall be paid separately).	Sqm.
	c)	Premix Carpet : - 2.5 cm. thick consolidated single course premix carpet surfacing with .036 cum of stone chipping (20 mm size 0.18 cum. , 10 mm size 0.12 cum mixed with 19.50 kg. of bitumen per 10 Sqm. of road surface and rolling complete (Hiring charges of Road Roller shall be paid separately).	Sqm.

<b>CHAPTER-V</b>				
<b>BUILDING WORK</b>				
<b>Item No.</b>			<b>Description</b>	<b>Unit</b>
<b>A)</b>	<b>Earth Work</b>			
1			Excavation in foundation, trenches etc in earth work, lift up to 1.50 mtrs, stacking the excavated soil not more than 3 mtrs clear from the edge of excavation and their returning the stacked soil in 15 cm layers, where required in to plinth, sides of foundation etc. consolidating each deposited layer by ramming and watering and then disposing of all surplus excavated earth as directed with in a lead of 20 mtrs.	
	i)		Spade work	Cum.
	ii)		Pick work	Cum.
	iii)		Jumper work	Cum.
	iv)		Blasting work	
			a) Hard Rock	Cum.
			b) Soft Rock	Cum.
2			Lift : Extra for every additional lift of 1.50 mtrs or part thereof for items	
	i)		Spade work	Cum.
	ii)		Pick work	Cum.
	iii)		Jumper work	Cum.
	iv)		Blasting work	
			a) Hard Rock	Cum.
			b) Soft Rock	Cum.
<b>B)</b>	<b>Filling</b>			
i)			Excavation in earth work and filling in foundations ,plinth and under floors in layers of 15 cm. to 25 cm i/c watering, ramming ,consolidating & dressing complete	
	a)		Spade work	Cum.
	b)		Pick work	Cum.
ii)			Filling in plinth with sand under floor i/c watering ,ramming ,consolidating and dressing complete.	Cum.
<b>C)</b>	<b>Cement /Lime Concrete in Foundation and Under Floors,</b>			
i)			Laying of cement concrete 1:2:4 to 1:6:12 in foundations,under floor and pavement i/c ramming & curing complete.	Cum.
ii)			Plain cement concrete 1:2:4 to 1:4:8 in walls including buttresses, pilasters , their caps, basses and string courses etc.	Cum.

Item No.		Description	Unit
<b>D)</b>	<b>Damp Proof Course</b>		
i)		Laying of DPC 38 mm to 50 mm thick using 1:2:4 cement concrete excluding a coat of hot bitumen.	Sqm.
ii)		Applying a coat of hot bitumen using 1.70 Kg. of bitumen per 10 Sq.m. on DPC.	Sqm.
<b>E)</b>	<b>Brick Work</b>		
a)	i)	Brick work in mud,cement or lime mortar in foundation and plinth	Cum.
	ii)	Extra for brick work in super -structure upto 3 mtrs height from plinth level (i/c scaffolding and curing etc.)	Cum.
b)	i)	Extra for super structure above floor two level.	1% of the rate of brick work from plinth to 3 height ( floor two level)
	ii)	Extra for square or rectangular brick pillars	Cum.
	iii)	Extra for Circular pillars	Cum.
c)	i)	Half brick masonry in cement, lime and mud mortar upto floor two level.	Sqm.
	ii)	Extra for half brick masonry in super structure above floor two level (for additional floor of 3 mtrs or part thereof over floor two level.	Sqm.
d)	i)	Half brick honey comb brick work with common burnt clay building bricks in cement mortar.	Sqm.
	ii)	Brick tile masonry using common burnt clay brick tiles in foundation & plinth in cement or lime mortar 1:4/1:6	Cum.
	iii)	Extra for common burnt brick tile masonry in	
		a) Super structure above plinth upto floor two level in cement mortar 1:4/1:6	Cum.
		b) Super-structure above floor two level.	1% of the rate of brick tile masonry from plinth to floor two level.
e)		Jointing old brick work with new brick work.	Sqm.

Item No.		Description	Unit
F)		<b>Dhajji Walling</b>	
		12 cm to 15 cm thick dhajji wall with 2nd class Kail/Deodar wood frames wrought on both sides with frames & stones/bricks nagged walls including 12 mm to 20 mm mesh wire netting on wooden frames & painting 2	
		a) In mud mortar.	Sqm.
		b) In cement mortar.	Sqm.
G)		<b>FLOORING &amp; SKIRTING</b>	
		<b>(Cement, Concrete, flooring &amp; skirting).</b>	
	i)	5 cm. (1") thick cement concrete flooring 1:2:4 (1 cement : 2 sand : 4 stone ballast 12 mm & down gauge) finished with a floating coat of neat cement.	Sqm.
	ii)	4 cm (1 1/2") thick cement concrete flooring 1:2:4 ( 1 cement: 2 sand : 4 stone ballast 12 mm & down gauge) finished with a floating coat of neat cement.	Sqm.
	iii)	2.5 cm (1") thick cement concrete flooring 1:2:4 ( 1 :cement :2 sand : 4 stone ballast 12 mm & down gauge) finished with a floating coat of neat cement.	Sqm.
	iv)	20 mm C. C. topping using stone chips of 4.75 mm nominal size in 1:2:3 ratio laid over and finished monolithic with bases concrete.	Sqm.
	v)	Extra for making chequers of approved pattern on cement concrete flooring, steps, landing & pavements etc.	Sqm.
	vi)	Cement plaster skirting (upto 300 mm height) with cement mortar 1:3 finished with a floating coat of neat cement i/c rounding of junctions with floor.	
		a) 15 mm thick	Sqm.
		b) 20 mm thick	Sqm.
		<b>TERRAZO FLOORING</b>	
	vii)	Laying 20 to 40 mm thick marble chips flooring rubbed & polished to granolithic finished under layer of 28 mm to 34 mm thick cement concrete 1:2:4 & top layer of 6 mm to 12 mm thick marble chips of required sizes laid in cement, marble powder mix 3:1 (3 cement, 1 marble powder by weight) in proportion of 4.7 (4 cement marble powder mix, 7 marble chips by volume) (Darkshade, white cement/medium shade/white cement without any pigment in top layer only).	Sqm.

Item No.			Description	Unit
viii)	a)		Marble chips skirting or dado upto 3 cm height (rubbed & polished to granolithic finish laid in cement marble powder mix (by weight) in proportion of 4:7 (4 marble powder mix :7 marble chips by volume ) in top layer using any shade pigment with ordinary cement 20 mm thick with under layer 14 mm thick in cement marble 1:3 & top layer 6 mm thick.	Sqm.
	b)		Extra for work in dado exceeding 30 cm height	Sqm.
	c)		Extra for fixing glass strips in joints of terrazzo floors (40 mm wide & 4 mm thick)	Sqm.
<b>TERRAZO TILES FLOORING</b>				
ix)			Precast terrazzo tiles hydraulic compressed 20 mm thick (with marble chips of specified shade and specified sizes) laid in floors, treads of steps and landing ,on a bed of cement mortar 1:6 (1 cement & 6 sand) joined with neat cement slurry mixed with pigment (wherever required) including rubbing & polishing complete with tiles of required shade viz. Grey, Silver Grey, White,Medium or Dark etc.	Sqm.
x)			.....do.....fixed on walls on 10 mm thick cement plaster 1:3 (1 cement: 3 sand)	Sqm.
xi)			.....do.....in skirting & riser of steps not exceeding 30 cm in height on 10 mm thick cement plaster 1:3 joined with white cement slurry	Sqm.
xii)			White glazed tiles 6 mm (1/4") thick in flooring, treads of steps	Sqm.
xiii)			White glazed tiles 6 mm thick in skirting and risers of steps and dado on 12 mm thick cement plaster (1:3) & joined with white cement slurry.	Sqm.
<b>WOODEN FLOORING</b>				
xiv)			Planks flooring 2.5 cm to 5 cm thick tongued & grooved i/c fixing with screw to base wooden frame (Base frame to be paid separately).	Sqm.
xv)			Planks flooring 4 cm (1 1/2") thick with butt jointed.	Sqm.
xvi)			38 mm thick parquet (wood block) flooring of 1st class Indian Teak Wood laid over 25 mm thick leveling layer of cement concrete 1:2:4 (1 cement : 2 sand : 4 stone aggregate 10 mm nominal size) to be paid separately, coated with thin layer of hot bitumen (blown type) at the rate of 2.45 Kg. per Sqm. i/c fixing blocks in position complete.	Sqm.

Item No.		Description	Unit
xvii)		25 mm thick Deodar wooden flooring laid over R.C.C./C.C. Slab (to be paid separately) thinly coated with this layers of hot bitumen (Blown type) planks in position over wooden plugs fixed in RCC/CC at the rate of 2.45 Kg. per sq.m. i/c fixing of wooden floor , planing and leveling complete.	Sqm.
<b>OTHER FLOORS: -</b>			
xviii)		20 cm flagged stone flooring laid in cement mortar 1:5 (1 cement: 5 sand).	Sqm.
xix)		Brick flooring laid dry & grouted with cement mortar 1:4 or 1:6 i/c finishing the joint flush.	Sqm.
xx)		Kota stone slab flooring 20 mm thick base of cement mortar 1:4 laid over and jointed with cement slurry mixed with pigment to match the shade of the slab, i/c rubbing and polishing complete 25 mm thick.	Sqm.
xxi)		Linolium covering or venyl covering to floor laid with an approved adhesive on sub floor i/c cutting & fitting complete.	Sqm.
xxii)		2mm thick PVC / Rubber tile flooring plain,coloured,mosaic or matted finish,laid with approved adhesive on sub-floor damp proof treatment	Sqm.
xxiii)		Laying marble work (table rubbed & polished) in flooring 20 mm thick base in cement mortar 1:3 i/c jointing with cement mortar 1:2 (1cement:2marble dust) with an admixture of matching pigments . 20 mm thick white Markana marble	Sqm.
xxiv)		Laying duro stone vetrified tiles (300x300x10 mm) in grey or coloured in flooring ,treads of steps & landing laid on a bed of 12 mm thick cement mortar 1:3 (1cement: 3 sand) & jointed with neat cement slurry finished with flush pointing in white cement mixed with pigment complete.	Sqm.
<b>H)</b>	<b>Form Work</b>		
		Providing form work of ordinary timber planking so as to give rough finish including centering, shuttering, strutting and propping etc. height of propping and centering below supproting floor to ceiling not exceeding 4 mtrs and removal of the same for in situ reinforced concrete and plain concrete work in: -	
i)		foundation footing, bases of columns etc. and mass concrete.	Sqm.
ii)		flat surface such as soffits & suspended floors, roofs, landing & the like upto 200 mm thicknes.	Sqm.



Item No.		Description	Unit
iii)		vertical surface such as walls (any thickness) partitions & the like i/c attached pilasters, buttresses, plinth & string courses and the like.	Sqm.
iv)		square or rectangular columns, Pillars, Post & Struts.	Sqm.
v)		circular or curved in plan.	Sqm.
vi)		beams, cantilevers, lintels etc not exceeding 1 meter in depth	Sqm.
vii)		edges of slab and breaks in floors and walls under 20 cm. wide.	Rmt.
viii)		stair cases with sloping or stepped soffits i/c visers & stringers excluding landing	Sqm.
ix)		weather shade , chajjas corbels & Chullah hood i/c edges.	Sqm.
x)		Extra for providing form work with sheeting of steels so as to give fair finish in foundations, footing, flat surfaces, walls, landing, columns, pillars and beam sides & soffits, edges of slabs etc.	Sqm.
xi)		Vertical fins and vertical sun breakers.	Sqm.
<b>I)</b>	<b>Reinforced Cement Concrete.</b>		
		RCC work 1:2:4 (1 Cement: 2 sand : 4 graded stone agg. 20 mm nominal size) i/c curing complete but excluding cost of form work and reinforcement in :-	
i)		Foundation footings, bases of columns & the like mass concrete.	Cum.
ii)		Walls (any thickness but not less than 0.10 m thick ) i/c attached pilasters, buttresses, plinth & string courses from top of foundation upto floor two level.	Cum.
iii)		Slabs, landing, beams and lintels, shelves their supports, balconies, girders, bressumers and cantilevers upto floor two level.	Cum.
iv)		posts, struts, piers, columns & pillars upto floor two level.	Cum.
v)		Stair cases (except spiral stair cases) excluding landing but including preparation of top surface & finishing of nosing up to floor two level.	Cum.
vi)		RCC Work in chajjas 1:2:4 (1 cement: 2 sand : 4 graded stone ballast 20 mm nominal size) not exceeding 10 cm thickness upto floor two level i/c finishing the exposed surfae with cement mortar 1:3 (1 Cement : 3 Sand) to give a smooth and even surface i/c centering form work and curing complete but excluding bending, binding and placing	Cum.
vii)		.....do .....without cement plaster	Cum.

Item No.		Description	Unit
viii)		RCC Work 1:2:4 (1 cement: 2 sand : 4 graded stone agg. of 10 mm nominal size) mix in eaves board 25 mm thick & 10 cm to 30 cm wide upto floor two level & curing complete excluding cost of reinforcement and i/c form work, centering & shuttering.	Cum.
ix)		Mild steel /tor steel reinforcement for RCC work including bending , binding & placing in position complete upto floor two level i/c cost of binding wire.	Qtls.
x)		Extra for rendering smooth top of suspended floors, landing and stair case, treads & risers with cement mortar 1:2 including floating coat of neat cement and curing complete and protecting the surface with a layer of 7.5 cm. earth laid over 15 mm layers of sand in case of suspended floors , landing & steps etc. including subsequent removal & cleaning the surface.	Qtls.
xi)		Applying cement slurry on RCC slab or CC work using 2.75 kg. of cement per sqm of floor area before laying CC flooring i/c roughening, cleaning of concrete surface	Sqm.
xii)		Smooth finishing of exposed surface with cement mortar 1:3 in RCC work.	1% of the rate of RCC work from plinth level to floor two level.
<b>J</b>	<b>Wood Work</b>		
<b>1)</b>	<b>Frame and Trusses</b>		
	i)	Wood work in frames of door, window ,clerestorey windows and frames wrought framed and fixed in position in first class Deodar wood/Kail or Chil wood.	Cum.
	ii)	Wood work in frames of false ceiling partition etc. and fixed in position in first class Deodar wood/Kail wood.	Cum.
	iii)	Wood work in trusses, purlins, rafters, posts, plates, wall plates and the like wrought framed hoisted and fixed in position.	Cum.
	iv)	Extra for additional labour for circular work such as in frames of fan lights.	Cum.
<b>2)</b>	<b>Panelled and Glazed Shutter</b>		
	i)	Preparation & fixing of 50 mm thick panelled, glazed or panelled & glazed shutter for door, windows and clerestorey window i/c black enameled iron but hinges with necessary screws (excluding fixing of doors window fitting) in first class deo/kail wood.	Sqm.

Item No.		Description	Unit
ii)		Preparation and fixing of 25 mm to 40 mm thck panelled & glazed shutter for cup board etc. i/c fixing of piano-type or black enameled iron hinges in Ist class deodar/kail wood.	Sqm.
iii)		Flush Door: - Preparation & fixing flush door shutters decorative type core of black board construction with frames of 25 mm to 40 mm Ist class hard wood or deodar wood and well matched Ist class made Indian teak ply and face veneering on both faces of shutters.	Sqm.
iv)		Preparation & fixing wire gauge shutters using galvanized M.S. wire gauge of IS designation 85 G. with wire of dia 0.56 mm for doors and windows and clerestorey windows including bright finished black enameled iron hinges with accessories screw. 30 to 40 mm thick Deodar or kail wood.	Sqm.
v)		Preparation & fixing 25 mm to 40 mm wide louvered shutters with fixed venetian 12 mm thick for window including black enameled bright finished M.S. iron hings with necessary screw. in Deodar or kail wood.	Sqm.
vi)		Preparation and fixing of 25 to 40 mm battened framed doors & windows shutters i/c bright furnished or and back enameled iron hings with necessary screws . In deodar/kail wood.	Sqm.
<b>3)</b>	<b>Jafri Work</b>		
i)		Preparation and fixing plain jafri of 40 mm x 12 mm laths placed 40 mm a part (frames to be paid separately) including fixing 50 mm x 12 mm beading complete with Deodar or kail wood.	Sqm.
ii)		Preparation & fixing plain jafri door and window shutters including fixing of M.S. hinges with necessary screw, 40 mm x 12 mm laths placed 40 mm apart (frame work to be paid separately) including fixing of 50 mm x 12 mm beading complete with Deodar/ kail wood.	Sqm.
<b>4)</b>	<b>Eaves Board and Weather Borad</b>		
i)		Preparation & fixing of eaves board 100 mm x 25 mm thick i/c fixing in position of Deodar or kail wood (simple).	Rmt.
ii)		Preparation & fixing of eaves board 200 mm x 25 mm thick i/c fixing in position of Deodar or kail wood.	Rmt.
iii)		Preparation & fixing of weather board 100 x 15 mm thick i/c fixing in position of Deodar or Kail wood.	Rmt.

Item No.		Description	Unit
5)	<b>Beading</b>		
i)		Preparation & fixing plain square edged cover fillets (beading) 40 x 12 mm & 10 x 12 mm section with wood screw in ceiling and lining i/c mitring and junctions of Deodar, kail wood.	Rmt.
ii)		Extra for making chamfered edges of beading.	Rmt.
<b>K</b>	<b>Miscellaneous Wood Work</b>		
i)		Preparation and fixing compound gate as per standard design i/c MS straps, clamps, pintle set with pin clamps fixed in cement conc. block (50 x 30 x 20 cm of 1:3:6 mix) (1 cement: 3 sand: 6 graded stone of 20 mm nominal size) complete in Deo./kail wood.	Sqm.
ii)		Preparing 50 x 50 x 50 mm wooden plugs i/c brick/stone work and fixing in cement mortar 1:3 and making good the walls.	Each
iii)		Preparation & fixing of 40 mm thick plain framed panelling with necessary screw, priming coat on un-exposed surface etc. complete with	
		1st/2nd class Deodar or Kail wood	Sqm.
iv)		Preparation & fixing 12 mm thick and 100 mm wide pelmet with 25 mm diameter wooden curtain rod and bracket i/c fixing 25 x 3 mm M.S. flat 10 cm lng and plug etc. complete.	
		1st/2nd class Deodar or Kail wood	Sqm.
v)		Preparation & fixing 40 mm panelled glazed or panelled and glazed partitions fixed to frame with iron screws etc. complete (frame to be paid separately) of deo./kail wood i/c fixing of superior type plate, frosted, pin head or glass.	Sqm.
<b>L</b>	<b>Ceiling and Lining.</b>		
i)		Preparation and fixing plain lining with tongued and grooved jointing and screws (frame work/cover fillets to be measured and paid for separately)	
		a) Indian teak wood/hard wood.	Sqm.
		b) Soft wood.	Sqm.
ii)		Preparation & fixing plain lining with butt jointing and screws (frame work/cover fillets to be measured frame work and cover fillets to be measured and paid for separately) with 12 mm thick to 20 mm with:	

Item No.		Description	Unit
		a) Indian teak wood/hard wood.	Sqm.
		b) Soft wood.	Sqm.
iii)		Preparation and fixing particle board lining with butt jointing and screws ( frame work to be measured and paid for separately)	
		12mm to 25mm thick	Sqm.
iv)		Preparation and fixing commercial plywood ceiling of approved quality with butt jointing and nails (frame work/cover fillets to be paid separately) 3 mm to 6 mm	Sqm.
v)		Extra for fixing plywood with wood screw in place of nails.	Sqm.
vi)		Preparation and fixing ply wood lining with butt jointing and nails (frame work and cover fillets be measured and paid for separately) 3 mm to 6 mm thick.	Sqm.
vii)		Preparation & fixing standard quality hard board sheet lining with butt jointing and nails (frame work and cover fillets to be measured and paid for separately) 3 mm to 9 mm thick.	Sqm.
viii)		Preparation & fixing wooden plain asbestos sheet lining with butt jointing and wood screws (frame work and cover fillets to be measured separately) 4 mm to 6 mm thick.	Sqm.
ix)		Preparation and fixing plain A.C. sheet ceiling of approved quality with butt jointing and wood screws (frame work/cover fillets to be measured and paid separately) 4 mm to 6 mm thick.	Sqm.
x)		Preparation & fixing wooden plank ceiling with tongued and grooved jointing and wood screws (Frame work and cover fillets to be measured and paid separately) 12 mm to 20 mm thick of deo/kail wood.	Sqm.
xi)		Preparation and fixing wooden plank ceiling with butt jointing and wood screws (Frame work and cover fillets to be measured and paid separately) 12 mm to 20 mm thick of Deo/Kail wood.	Sqm.
xii)		Preparation and fixing wooden plank ceiling with planks over lapping each other and jointed with wood screw (Frame work to be paid separately) of 12 mm to 20 mm thick of Deo./Kail wood.	Sqm.
xiii)		Extra for providing and fixing ceiling to curved surface in narrow width not exceeding 1.50 mtrs.	Sqm.

Item No.		Description	Unit
xiv)		25 mm thick wooden shelves supported on 40 x 40 x 6 mm /or L-iron bracket (fixed at suitable distance but not exceeding 75 cm apart in 7.5x 7.5 x 15 cm blocks of CC in 1:3:6 with Deo./Kail wood.	Sqm.
xv)		Fixing M.S. round square bars at required spaces in wooden frames of windows and celerestorey windows.	Kg.
xvi)		Preparation and fixing M.S. grills of required pattern in wooden frame windows etc. with M.S flats/square or round bar with round headed bolts and nuts or by screws (without material): -	
		a) Plain Grill.	Kg.
		b) Ornamental Grill.	Kg.
xvii)		Preparation and fixing of expanded metal 20 x 6 mm strands 2.50 mm wide and 1.25 mm thick for windows i/c 60 x 20 mm beading of hard wood.	Sqm.
xviii)		Preparation and fixing fly proof glvanized M.S wire gauge of I.S. 9/15 guage designation 85 G/140 G with wire of 0.56 mm/0.71 mm to window and clerestorey windows i/c 60 x 20 mm beading of Deo./Kail wood.	Sqm.
xix)		Preparation and fixing of 40 x 3 mm flat iron hold fasts 40 cm long i/c fixing to frames with 10 mm dia. bolts, nuts and wooden plugs and embedded in C. Concrete block of 30 x 10 x15 cm in 1:3:6 mix.	Each.
xx)		Providing wooden beams including hoisting fixing in position and applying wood preservative for the un-exposed surface etc. with Deo./kail wood.	Cum.
xxi)		Preparation & fixing 30 mm to 40 mm wrought treads with rounded nosing and 20 mm wrought risers tongued both edges/ glued wedged and blocked complete in Deo./kail wood.	Sqm.
xxii)		Preparation & fixing 75 mm x 60 mm rounded hand rail in straight lenghts complete in: -	
		a) Indian teak wood/hard wood.	Rmt.
		b) Soft wood.	Rmt.
xxiii)		Preparation & fixing 75 mm x 60 mm moulded hand rail in straight lenghts complete in: -	
		a) Indian teak wood/hard wood.	Rmt.
		b) Soft wood.	Rmt.
xxiv)		Extra for hand rail if sunk to receive iron core.	Rmt.

Item No.		Description	Unit
<b>M</b>	<b>Doors and Windows Fittings: -</b>		
i)		Fixing anodized aluminium sliding door bolt anodized transparent or dayed to required colour and shade with bolts and nuts screw etc. complete 300 x 16 mm or 250 x 16mm.	Each.
ii)		Fixing tower bolt (barrel type).....do..... 300 x 10 mm/250 x 10 mm.	Each.
iii)		Fixing of handles ----do----125, 100 and 75 mm.	Each.
iv)		Fixing of aluminium fan light pivot with necessary screws etc. complete.	Each.
v)		Fixing aluminium fan light catch complete.	Each.
vi)		Fixing 300 mm long aluminium chain for fan light catch i/c necessary screws complete.	Each.
vii)		Preparation and fixing bright finished brass 100 mm mortice latch and lock ,a pair of levers handles with necessary screws etc. complete (Indian make of approved quality).	Each.
viii)		Fixing chromium plated brass 100 mm rim latch/mortice latch and lock and six levers with necessary screws etc. complete (Indian make).	Each.
ix)		Fixing chromium plated brass 50 mm cup board or ward robe knobs with nuts complete.	Each.
x)		Fixing 65 x 35 mm special quality chromium plated brass cup board lock with six levers including necessary screws.	Each.
xi)		Fixing M.S. pressed butt hinges with necessary screws etc. complete, 125x65x2.12mm, 100x58x190 m	Each.
xii)		Fixing 1mm thick M.S. Piano hinges finished with brass plating flange being 35mm wide & fixing with necessary screws.	Rmt.
xiii)		Fixing M.S. oxidised hooks and eyes.	Each.
xiv)		Fixing M.S. safety hasp and staple with necessary screws etc.	Each.
xv)		Fixing bright finished/black enamelled iron helical door spring	Each.
xvi)		Fixing hydraulic door closer roof all kinds.	Each.
<b>N.</b>	<b>Railing</b>		
i)		Preparation /fixing wooden railing for compounds and bridges up to 1 mt. height with two horizontal and two cross members in 75 cm rectangles simple.	Cum.
ii)		Preparation /fixing of 75 mm x 75mm Deodar wood rails or	Cum.
iii)		Fixing of foundry made design C.I. panels (Anarkali type) in	Qtls.
<b>O.</b>			

Item No.		Description	Unit
	<b>Roofing: -</b>		
i)		Corrugated GI sheet roofing 80 mm to 60 mm fixed with J or L hooked 19 mm dia, GI limper & bitumen Washers complete.	Sqm.
ii)		Making and fixing of ridges hips or valleys in plain 60 cm overall with GI sheet 80 mm to 60 mm, fixed with G.I, J or L hooks 10 mm dia GI limpet bitumen washers complete.	Rmt.
iii)		Making and fixing of water down pipes 100 mm dia or 150 mm of PGI sheets i/c fixing bends with clamps etc.	Rmt.
iv)		Preparation and fixing 15 cm wide 45 cm over all semicircular PGI sheets gutter with iron brackets i/c making necessary connection with down pipes.	Rmt.
v)		Preparation/fixing flaushing 38 cm over all in plain GI sheet with J or L hooks, bolts and nuts complete bent to shape and fixed in wall with cement mortar 1:3.	Rmt.
vi)		Fixing Asbetos cement sheets corrugated or equivalent roofing fixed GI. Jor or L hooks 8 mm dia GI plain & bitumen washers complete.	Sqm.
vii)		Fixing of A.C. sheet ridges and valleys with GI J or L hooks 8 mm dia GI plain & bitumen washers complete.	Rmt.
viii)		Slate roofing with 8 cm laps fixed on wooden battens/planks (wood work to be paid separately).	
		a) Single lap.	Sqm.
		b) Double lap.	Sqm.
ix)		Making water parnalas 25 x 35 cm wide along the walls with cement mortar 1:4 and finished with a floating coat of neat cement.	Rmt.
x)		Fixing on wall face CI/rain water pipes i/c filling the joints with spun-yarn, soaked in mortar 1:2 (1 cement: 2 sand)	
		a) 75 mm diameter.	Rmt.
		b) 100 mm diameter.	Rmt.
		c) 150 mm diameter.	Rmt.
xi)		Fixing of MS holder bat clamps of approved quality /design to CI or HCI pipes embedded in 100 x 10 cm x 10 cm block of cement concrete 1:2:4 (1 cement: 2 sand : 4 graded stone aggregate 20 mm nominal size) and cost of cutting holes and making good the walls etc. (75 mm/100mm/150 mm diameter)	Each.



Item No.		Description	Unit
xii)		Fixing on wall face CI accessories for rainwater pipes including filling the joints with spun-yarn soaked in neat cement slurry and cement mortar 1:2 (1 cement : 2 sand) (plain bend/heal flat/door bend/corrugated bend/CI brackets and the like).	
	i)	a) 75 mm diameter.	Each.
		b) 100 mm diameter.	Each.
		c) 150 mm diameter.	Each.
	ii)	C.I. Offsets	
		a) 75 mm dia x 55 mm/75mm/115mm projections.	Each.
		b) 100 mm dia x 55 mm/75 mm projections.	Each.
xiii)		Providing lead caulked joint to sand cast iron rain water pipes and fitting 75 mm & 100 mm diameter.	Each.
xiv)		Fixing on wall face asbestos cement rainwater pipe i/c jointing with spun-yarn & soaked in neat cement slurry/ bitumen and cement mortar 1:2 (1 Cement: 2 Sand) complete.	
		a) 50 mm dia.	Each.
		b) 80 mm dia.	Each.
		c) 100 mm dia.	Each.
xv)		Fixing for AC pipe wall plug and standard holder bat clamp comprising of two semicircular halves of flat iron and cast iron base screwed on wooden plugs (50 mm/80 mm/ 100 mm dia)	Each.
xvi)		Fixing on wall face asbestos cement fittings for rain water pipe i/c jointing with Spun -yarn soaked in bitumen and cement mortar 1:2 (1 cement and 2 Sand) complete junctions/equals shoes etc.	Each.
<b>P</b>	<b>Steel Work</b>		
i)		Steel work welded in gratings, framed guard bars, ladders railings, brackets and similar works.	Qtl.
ii)		Steel work welded in built up section trusses and framed work i/c cutting, hoisting, fixing in position and applying a priming coat of red lead or black Japan paint.	
		a) In trusses and trussed purlins in building materials	Qtl.
		b) In trussed steel bridges upto 15 mtr. Span	Qtl.
iii)		Fixing in position collapsible steel shutter with vertical channels & braced with flat iron diagonals with top and bottom rails on T- iron 40 x 40 x 6 mm with 38 mm dia steel pulley complete with bolt and nuts locking	Sqm

Item No.		Description	Unit
iv)		Preparation & Fixing of rolling shutter of approved make of 80 mm x 1.25 mm M.S. laths interlocked together through their entire length and joined together at the end by end locks founded on specially designed pipe shaft with brackets side locking with push pull operation complete, but excluding the cost of the top over and spring.	Sqm
v)		Fixing of M.S. round holding down or anchor bolts with nuts and washer plates complete.	Qtl.
vi)		Fixing of MS bolts of all size with nuts & washers complete.	Qtl.
vii)		Fixing in position mild steel accessories like clamps, suspenders, rope, grips, V-bolts, anchor bolts with pulley etc. alongwith fixtures for suspension bridge.	Qtl.
viii)		Fixing in position cast steel fixtures like saddles, rockers and roller bearing alongwith rollers, gear box and other fixtures.	Qtl.
ix)		Fixing in position cast iron fixtures like saddle, rock and roller bearing alongwith roller, grease box and other fixtures.	Qtl.
x)		Fixing & hoisting & stretching to specified profile wire rope	Qtl.
<b>Q</b>	<b>Painting and Polishing: -</b>		
i)		Removing old paint from steel and other metal surface and making the surface even with hand scraping or with flame cleaning.	Sqm.
ii)		Applying priming coat over new steel work/G.I. sheets and other metal surface after and including preparing the surface by thoroughly cleaning oil, greese, dirt and other foreign matter scoured with wire brushes, fine steel wool scrapers and sand paper, with ready mixed priming paint brushing red lead, red oxide, zinc oxide chrome.	Sqm.
iii)		Applying priming coat on external surface of new rainwater pipe, soil pipe and fitting with ready mixed priming paint brushing red lead including preparing the surface by thoroughly cleaning oil, greese, dirt and other foreign matter scoured with wire brushes, fine steel wood scrapers & sand paper.	
		a) 50 mm dia.	Rmt.
		b) 75 mm dia.	Rmt.
		c) 100 mm dia.	Rmt.
		d) Eaves gutter not exceeding 90 cm in girth.	Rmt.

Item No.			Description	Unit
iv)	a)		Painting one coat (excluding priming coat) on new steel and other metal surface with enamel/ready mixed/coaltar paint, brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter.	Sqm.
	b)		Painting two coat (excluding priming coat) on new steel and other metal surfaces with enamel/ready/mixed/coaltar paint to give an even shade including cleaning the surface of all dirt, dust and other foreign matter.	Sqm.
v)			Extra for additional subsequent coat on steel or other metal surfaces with white or any other approved shade in enamel/ready mixed/coaltar paint.	Sqm.
vi)			Painting one coat (excluding priming coat) on previously painted rain water pipe, soil pipe water and vent pipe and fitting with ready mixed bituminous/aluminium primer ,brushing black anti corrosive to give an even shade including cleaning all dirt, dust and other foreign matter.	
			a) 50 mm dia.	Rmt.
			b) 75 mm dia.	Rmt.
			c) 100 mm dia.	Rmt.
			d) 150 mm dia.	Rmt.
			e) Eaves gutter not exceeding 90 cms in girth.	Rmt.
vii)			For two coats 50% extra on above rates.	
viii)			Removing old paint or polish from wood and wood based surfaces & making surfaces even with :-	
			a) Paint remover or approved brand.	Sqm.
			b) Caustic Soda	Sqm.
			c) Blow lamp.	Sqm.
ix)			a) Applying priming coat over new wood and wood based surfcae by thoroughly cleaning oil, grease, dirt and other foreign matter (ready mixed /pink primer/aluminum water resident primer/enamel priming/wood filler transparent liquid for vanish).	Sqm.
			b) Extra over item viii & ix for every subsequent coat of primer.	Sqm.
x)			Applying two coat of wood preservative on new wood and wood based surface after and including preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter ,sand papering and knotting.	Sqm.

Item No.		Description	Unit
xi)		Applying one coat of wood preservative on new wood and wood based surface after and including preparing the surface by thoroughly cleaning oil, greese, dirt and other foreign matter sand papering and knotting.	Sqm.
xii)		Painting two coats (excluding priming coat) on new wood and wood based surface with enamel/ready /mixed flat oil paint, brushing to give an even shade, including cleaning of all dirt, dust and other foreign matter and sand papering & stopping.	Sqm.
xiii)		Painting one coat (excluding priming coat) on previously painted wood based surfaces with enamel paint/ready mixed paint , brushing to give an even shade, including cleaning of all dirt, dust and other foreign matter and sand papering & stopping .	Sqm.
xiv)		Extra over item xii & xiii for every subsequent coat of	Sqm.
xv)		Varnishing two coat (excluding priming coat) on new wood based surface under coating with flatting varnish and finishing coat with varnish to give as even shade including cleaning the surface of all dirt, dust and other foreign matter and sand papering so as to produce a smooth dry and neat surface.	Sqm.
xvi)		Varnishing one coat excluding priming coat on old work or previously varnished wood surfaces.	Sqm.
xvii)		Polishing two coats with french polish on new wood & wood based surfaces to give an even surface i/c cleaning the surface all dirt, dust and sand papered smooth i/c a coat of wood filler.	Sqm.
xviii)		.....do.....on previously polished wood & wood based surface.	Sqm.
xix)		.....do.....previously varnished wood (one coat).	Sqm.
xx)		Applying two coats of raw linseed oil on new wood and wood based surfaces to give an even shade including cleaning the surface of all dirt, dust and sand papering so as to give smooth dry and neat surface.	Sqm.
xxi)		Applying one coat of raw linseed oil on previously oiled wood and wood based surfaces to give an even shade including cleaning the surface of all dirt, dust and sand papering so as to give smooth dry and neat surface.	Sqm.

Item No.			Description	Unit
xxii)			Applying wax polish of new wood and wood based surfaces with free wax polish in proportion of 2:1.5:1:0.50 (2 bees wax : 1.5 linseed oil : one turpentine oil : 0.50 varnish by weight) to give an even surface including cleaning the surface of all dirt, dust and sand papered smooth.	Sqm.
xxiii)			Applying wax polish on previously wax polished wood and wood based surfaces with bee wax polish in proportion ibid.	Sqm.
xxiv)			Coaltarring two coats on new wood and wood based surfaces using 0.16 and 0.12 liters of coaltar per sqm. in the first and second coat respectively to give an even shade including cleaning of all dirt, dust and other foreign matter.	Sqm.
xxv)			.....do.....previously painted (one coat).	Sqm.
<b>R-</b>			<b>PLASTERING, POINTING, WHITE OR COLOUR WASHING, DISTEMPRING AND OTHER FINISHES.</b>	
1			Cement Plaster.	
i)			6 mm thick cement plaster to ceiling in cement mortar 1:3/1:4 (Cement:sand in respective ratios).	Sqm.
ii)			10 mm thick cement plaster in 1:3/1:4/1:5/1:6/1:7/1:8 (cement:sand in respective ratios) in fair/rough side of brick /stone/concrete walls for plastering upto floor two level i/c arises internal rounded angles, chamfers and/or rounded not exceeding 80 mm in girth and finished even and smooth including scaffolding.	Sqm.
iii)			15 mm thick cement plaster 1:3/1:4/1:5/1:6/1:7/1:8 (cement: sand in respective ratios) in fair/rough side of brick /stone/concrete walls for plastering upto floor two level i/c arises internal rounded angles, chamfers and/ or rounded not exceeding 80 mm in girth and finished even and smooth including scaffolding.	Sqm.
iv)			20 mm single coat.....do.....	Sqm.
iv)			25 mm single coat.....do.....	Sqm.
v)			Extra over (item No. i to iii) for finishing with a floating coat of neat cement slurry.	Sqm.

Item No.		Description	Unit
<b>2</b>	<b>Mud Plaster Operations</b>		
i)		20 mm to 25 mm thick mud plastering in single coat with chopped straw @ of 33 kg per cubic meter of earth on brick/stone masonry wals for interior/exterior plastering upto floor two level including arises, internal rounded angles, charmfers and/or rounded angles not exceeding 80 mmin girth and finished even & smooth i/c cost for good earth & chopped straw for mortar and scaffolding.	Sqm.
ii)		Extra over item No. 2(i) for 3 mm thick mud/Medgi with gobri leeping over mud plaster.	Sqm.
<b>3</b>	<b>Pointing</b>		
i)		Pointing on brick work with lime or cement 1:2 to 1:3/1:4 (1 cement: sand in respective ratio)	
		a) Flush	Sqm.
		b) Ruled & cut or weather Struck	Sqm.
		c) Raised and cut	Sqm.
ii)		Pointing on flat brick flooring with cement mortar 1:3/1:4/1:5/1:6	
		a) Flush	Sqm.
		b) Ruled	Sqm.
iii)		Pointing on tile brick work in lime/cement mortar 1:2/1:3/1:4	
		a) Flush	Sqm.
		b) Ruled	Sqm.
		c) Cut or weather struck	Sqm.
iv)		Pointing on stone masonry coursed or ashlar or on concrete block walling with lime/ cement mortar 1:2 to 1:4 (lime putty: surkhi in respective ratios) I/c scaffolding	
		a) Flush	Sqm.
		b) Rules	Sqm.
		c) Raised and cut	Sqm.
v)		Pointing on random rubble uncoursed stone masonry with lime/ cement mortar 1:3/ 1:4 (lime putty: surkhi in respective ratio i/c scaffolding	
		a)Flush	Sqm.
		b) Ruled	Sqm.
		c) Raised & cut	Sqm.

vi)			Pointing on square rubble coursed on uncoursed stone masonry with lime/ cement mortar 1:3 and 1:4 i/c scaffolding.	
			a) Flush	Sqm.
			b) Ruled	Sqm.
			c) Raised & cut	Sqm.
vii)			Extra over item No. (i to vi) for pointing on walls on the outside at height more than 10 mtr from ground for level for every additional height of 5 mtrs or part thereof.	Sqm.
viii)			Pebble dash exterior plaster on walls up to a height of 10 mtrs above ground level with a mixture of washed pebble or crushed stone graded from 6 mm to 12 mm nominal size dashed over and i/c fresh cement plaster 1:3 ( 1 cement 3 sand) and finishing coat 10 mm cement plaster 1:3 (1 cement: 3 sand) mixed with 10% finely /grounded hydrated lime by volume or cement i/c arises, chamfers and /or rounded angles not exceeding 80 mm in girth.	Sqm.
<b>4</b>			<b>White Washing / Colour Washing/ Distemping &amp; other finishes</b>	
	i) a)		Removing of white wash/ colour wash by steel wire brushing and / or scraping by sand papering and preparing the surface smooth i/c necessary repairs to scratches complete i/c scaffolding.	Sqm.
		b)	Extra for scrapping on ceiling and/ or sloping roofs.	Sqm.
	ii)		White Washing with lime on undecorated surface (two coats) to give an even shade after thoroughly brooming the surface to remove all dirt, dust and other foreign matter i/c scaffolding.	Sqm.
	iii)		White Washing (one coat) on decorated walls surfaces.	Sqm.
	iv)		Extra over item (ii) and (iii) for every subsequent coat of white washing.	Sqm.
	v)		Extra over item No. (ii) & (iii) for white washing with lime on ceiling or sloppy roofs.	Sqm.
	vi)		Colour washing on un decorated wall surfaces (two coats) over and i/c priming coat of white eashing to give a smooth and even siface after thoroughly brooming the surface to remove all dirt, dust, mortar drops and other foreign matter i/c scaffolding.	Sqm.
	vii)		Colour washing with lime on decorated wall surface (one coat) to give an even shade i/c thoroughly brooming the surface to remove all dirt and dust, mortar drops and loose scales of lime wash and other foreign matters i/c	Sqm.
	viii)		Extra over item vi & vii for every subsequent coat of colour wash.	Sqm.

	ix)		Extra for colour washing on ceiling and or slopping roofs.	Sqm.
	x)		Cement washing with Portland cement slurry on undecorated wall surfaces (one coat) to give a smooth and even shade i/c brooming the surface to remove all dirt, dust and other foreign matter i/c scaffolding.	Sqm.
	xi)		Extra for every subsequent coat.	Sqm.
	xii)		Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth i/c necessary repairs to scratches complete i/c scaffoding.	Sqm.
	xiii)		Extra for removing dry or oil bound distemping on ceiling and or sloping roofs.	Sqm.
	xiv)		Applying one coat of distemper primer of approved quality and manufacture on wall surfaces after thoroughly brushing the surface free from matters i/c preparing the surface even and sand papered smooth i/c scaffolding	Sqm.
	xv)		Extra for ceiling and slopy roofs.	Sqm.
	xvi)		Distemping with dry distemper of approved brand and manufacture (two coat) and of required shade on undecorated wall surfaces to give an even shade over and i/c priming coat of whitening after thoroughly brushing the surface free from all dirt, dust, mortar dropping and other foreign matters i/c preparing the surface even and sand papered smooth, i/c scaffolding.	Sqm.
	xvii)		Extra ----do-----(one coat).	Sqm.
	xviii)		Extra ----do-----every subsequent coat.	Sqm.
	xix)		Distemping (two coats) with oil bound distemper of approved brand and manufacture and of required shade over and i/c priming coat of distemper/ Alkali resistance of approved quality after thoroughly brushing the surface free from mortar droppings and other foreign matters and preparing the surface even and sand papered smooth i/c scaffolding.	Sqm.
	xx)		Distemping (one coat) with oil bound distemper of approved brand and manufacture and of required shade over and i/c a priming coat of distemper / Alkali resistance of approved quality after thoroughly brushing the surface free from mortar droppingsand other foreign matters and preparing the surface even and sand papered smooth i/c scaffolding.	Sqm.
	xxi)		Extra for every subsequent coat of distemper over item.	Sqm.
	xxii)		Extra for ceiling and slopping roofs over item.	Sqm.
	xxiii)		Wall painting (two coat) with plastic emulsion paint of approved quality and shade on un-decorated wall surfaces to give an even shade i/c thoroughly brushing the surfaces free from all dirt, dust, foreign, if need be i/c scaffolding.	Sqm.



	xxiv)		Wall painting (one coat) with plastic emulsion paint of approved quality and shade on decorated wall surfaces to give an even shade i/c thoroughly brushing the surfaces free from all dirt, dust, foreign matters and sand papered i/c scaffolding.	Sqm.
	xxv)		Extra over every subsequent coat.	
	xxvi)		Finishing walls with snowcem on new work (two coats) to give an even shade i/c thoroughly brushing the surfaces free from all dirt dust, foreign matters and sand papering i/c scaffolding.	Sqm.
	xxvii)		Finishing walls with snowcem on old work one or more coats to give an even shade i/c thoroughly brushing the surfaces free from all dirt dust, foreign matters and sand papering i/c scaffolding.	Sqm.
	xxviii)		Extra on slopping roofs and ceiling.	Sqm.
	xxix)		Hirmachi colour wash on un-decorated wall surface (two coats) to give an even shade including thoroughly brooming the surface to remove all dirt, dust mortar drops and loose scales or Hirmachi wash and other foreign matters i/c scaffolding.	Sqm.
	xxx)		Hirmachi colour wash on decorated wall surface (one coats) to give an even shade including thoroughly brooming the surface to remove all dirt, dust mortar drops and other foreign matters i/c scaffolding.	Sqm.
	xxxi)		Extra for item Noxxix & xxx for every subsequent coat of Himachi or Pillimitee wash.	Sqm.
	<b>VI-</b>		<b>MISCELLANEOUS</b>	
	i)		Making plinth protection with flag flooring 40 mm thick over a bed of 15 cm well rammed earth and cement pointing 1:3 (one cement:three sand) in proper shapes as per instruction of work in charge.	Sqm.
	ii)		Making plinth protection 50 mm thick in cement concrete in 1:3:6 (I cement: 3 sand and 6 stone aggregate 200 mm nominal size) i/c finishing the top surface of concrete smooth.	Sqm.
	iii)		Making plinth protection with bricks in cement mortar 1:6 ( 1 cement: 6 sand) i/c painting top surface of bricks of size 22.9 cm x 11.2 cm x 7 cm).	Sqm.
	iv)		Brick edging ( brick laid on edge) to plinth protection with brick i/c grounding with cement mortar 1:4.	Sqm.
	v)		Quarring of stones from approved quarry.	Cum.
	vi)		Collection of loose stone (not quarried).	Cum.
	vii)		Collection of boulder stone along khad	Cum.
	viii)		Breaking of loose stones	Cum.
	ix)		Collection and sieving of sand at site.	Cum.

	x)		Collection of bajri and regarding at site.	Cum.
	xi)		Breaking of boulder stones.	Cum.
	xii)		Sieving of sand for plastering.	Cum.
	xiii)		Preparation of stone ballast 12mm & down gauge (stone at site)	Cum.
	xiv)		Preparation of stone ballast 25 mm & down gauge.	Cum.
	xv)		Preparation of stone ballast 40 mm & down gauge.	Cum.
	xvi)		Dressing of stone for coursed rubbles masonry (for one cum. of stonemasonry the stone required 0.54 C.um.	
	xvii)		Dressing of stone for face work (HDCR).	Cum.
	xviii)		Fine chisel dressing (3 line dressing).	Cum.
	xix)		Ordinary chisel dressing (2 line dressing).	Cum.
	xx)		Rough tooled dressing (1 line dressing).	Cum.
	xxi)		Stone filling behind retaining walls/breast walls etc.	Cum.
	xxii)		Irish bridge complete with fencing etc. but excluding the cost of abutments and walls etc.	Cum.
	xxiii)		Preparation of kaccha side and cross drain.	Cum.
	xxiv)		Construction of Veranadah post base of stone 25 cm to 30 cm cubes.	Cum.
	xxv)		Construction of Kharaunja drain 45 cm wide i/c 25 cm side stone i/c dressing laid in:	
			a) In cement mortar 1:6	Rmt.
			b) Dry	Rmt.
	xxvi)		Construction of Kharaunja drain 60 cm wide i/c 25 cm side stone laid in:	
			a ) Dry	Rmt.
			b) In cement mortar 1:6	Rmt.
	xxvii)		Construction of open surface drain in HDCR Stone masonry 15 x 23 cm U shape in cement mortar 1:6 and and inside plastering 20 mm thick with cement mortar 1:3 i/c earth work and laying 10 cm thick cement concrete 1:5:10 and 7.5 cm thick cement concrete 1:2:4 i/c 20 mm thick cement plaster 1:3 (1 cement: 3 sand ) and finished with a floating coat of neat cement.	Rmt.
	xxviii)		Fixing woven plain GI wire fencing of mesh 50 mm to 150 mm to any type of standared rails staining boils etc. i/c binding wire and staple etc.	Sqm.
	xxix)		Cutting grass, raking in to heaps and removing of the premises.	Sqm.
	xxx)		Quarring of slates.	Sqm.
	xxxi)		Fixing jamb lining/ moulding with necessary screws and wooden plugs i/c priming coat on unexposed surface etc. complete with first class deodar wood 25 mm thick.	Sqm.
	xxxii)		Fixing plain woven G.I. wire fencing of 50 mm mesh to any type of standard rails i/c binding wire & staple etc.	Sqm.
	<b>VII.</b>		<b>DEMOLITION/ DISMANTLING</b>	

	i)		Demolition below ground level upto 15 mtr depth & disposal of unserviceable material with in 20 mtr lead	
			a) Lime concrete.	Cum.
			b) Un-reinforced CC upto 15 cm thickness.	Cum.
			c) Un-reinforced CC beyond 15 cm thickness.	Cum.
	ii)		Extra for every additional depth of 1.5 mtr.	Sqm.
	iii)		Demolition below ground leverlup to 15mtr. depth and disposal of un-serviceable with in 20 mtrs lead i/c stacking of ser	

<b>Rate</b>
4.95
7.35
52.00
78.00
159.70
118.30
151.90
373.50
560.50
198.90
19.90
21.45
8.90
85.80
88.80
71.05

<b>Rate</b>
240.50
834.40
849.30
795.15
169.85
123.50
359.45
442.00
1593.60
1589.00
160.55
186.10
412.95

<b>Rate</b>
0.45
72.90
18.60
23.80
1.95
6.30
15.60
9.95
18.20

<b>Rate</b>
109.60
136.25
253.50
249.60
196.30
7.80
8.65
14.05
16.90
13.85
93.60
101.40
43.75
503.75
572.45

Rate
59.35
7.15
664.95
118.10
178.30
201.00
82.10
19.05
90.75
765.50
115.40
76.50



Rate
195.00
197.15
78.75
65.15
57.00
52.65
15.80
53.70
58.90
303.00

Rate
326.55
11.70
10.15
243.90
295.20
311.70
313.85
343.40
135.00
108.60
1309.40

<b>Rate</b>
330.60
69.10
63.40
454.00
19.90
56.90
253.00
325.25
52.00
112.20

<b>Rate</b>
91.85
140.40
175.50
136.30
22.30
141.50
105.30
24.05
190.00
590.25
622.00
617.35
936.75
944.20
3449.30
2536.75

Rate
3044.00
579.15
17.25
4.30
40.05
4146.95
2808.35
4390.30
414.65
487.80

<b>Rate</b>
461.60
141.45
235.05
205.60
321.00
264.20
314.10
48.55
53.40
32.30

Rate
14.40
7.15
205.55
4.90
462.00
52.65
488.75
199.85
135.70

Rate
173.40
107.90
23.40
22.10
10.50
32.65
23.40
36.65
30.80
130.20
103.80
93.25
84.95



Rate
219.20
9.95
24.20
43.90
92.35
56.85
18.80
2677.80
440.70
126.80
84.00
222.50
147.40
35.40

Rate
14.20
2.80
1.70
1.50
2.00
2.80
48.30
48.30
4.00
49.60
4.90
49.25
1.50
2.00
11.50
42.00
4385.40
4385.00
145.80

Rate
34.30
93.95
64.55
93.85
98.75
20.50
21.65
131.75
263.50
46.80
21.60
25.25
35.80
54.90

Rate
6.70
6.70
7.35
6.70
7.35
53.30
8.10
8.10
8.10
33.00
8.10
1198.80
577.75
825.20
1732.50

Rate
165.60
540.65
1883.70
1951.00
672.75
336.40
1318.60
27.40
11.25
3.30
4.15
5.05
6.85

Rate
12.05
19.10
11.25
3.50
6.90
8.40
11.45
19.25
19.85
15.15
28.70
11.25
9.25
6.30

Rate
5.00
20.60
14.15
12.05
33.40
14.15
61.05
30.90
16.00
8.90
7.60















