Sr. No.	Description	Unit	Rate (Rs.)	
Sr. No.	Description	Unit	Labour	Composite
31-1	Provide and fix balli fencing posts embedded in concrete and coaltaring embedded portion but excluding the cost of excavation and concrete.			
a)	4" (100 mm) dia.	R.M. R.ft.	9.85 3.00	87.45 26.65
b)	3" (75 mm) dia.	R.M. R.ft.	9.85 3.00	63.45 19.35
31-2	Providing and fixing angle iron fencing posts embedded in concrete and painting exposed portion with aluminium paint 3 coats including making necessary holes but excluding the cost of excavation and concrete.	R.M. R.ft.	13.35 4.05	163.10 49.70
31-3	Cutting holes upto 36 sq.in (232 sq.cm.) in R.C.C. or R.B. walls, floors and roofs upto 9" (225mm) thick making good the holes in cement concrete 1:2:4 including finishing, curing and disposal of rubbish from site.	Each	22.90	41.85
31-4 a)	Cutting holes in walls of all kinds other than R.C.C. or R.B, making good the same in cement concrete 1:2:4 including finishing, curing and disposal of rubbish from site.  Hole thickness 9" (225 mm)		9	
i)		Each	16.95	35.90
ii)	Hole above 36 sq.in to 144 sq.in (230 sq.cm to 930 sq.cm)	Each	25.25	60.90
iii)	Hole above 144 sq.in to 6 sq.ft (930 sq.cm to 0.56 sq.m)	Each	34.20	176.90
b)	Hole thickness 16" (450 mm)	ì		
i)	Hole upto 36 sq.in. (230 sq.cm)	Each	25.45	71.80
ii)	Hole above 36 sq.in to 144 sq.in (230 sq.cm to 930 sq.cm)	Each	37.90	121.80
iii)	Hole above 144 sq.in to 6 sq.ft (930 sq.cm to 0.56 sq.m)	Each	68.40	353.80
31-5	Providing and fixing clamps of M.S. flats of required design for fans with bolts and nuts for beams and rafters.	Kg. Lb.	43.95 19.95	124.95 56.70
31-6	Providing and fixing wind ties of flat iron with bolts and plates of required sizes fixed into the walls including cutting slotted holes in the wind tie but excluding the cost of concrete work.	Kg. Lb.	48.05 21.80	125.60 56.95
31-7	Providing and fixing flag staff of G.I. pipes with pulley, winder string and other accessories of standard size but excluding the cost of cement concrete base.			
a)	2" (50 mm) dia.	R.M. R.ft.	69.90 21.30	724.85 220.95
b)	2.5" (65 mm) dia.	R.M. R.ft.	69.90 21.30	876.90 267.30
c)	3" (75 mm) dia.	R.M. R.ft.	69.90 21.30	1093.00 333.15

Sr. No.	Description	Unit	Rate	e (Rs.)
Sr. No.	Description	Unit	Labour	Composite
31-8	Providing and fixing National flag made of cloth of approved quality.			
a)	Silken	Sq.m. Sq.ft.	9.45 0.90	219.50 20.40
b)	Cotton	Sq.m. Sq.ft.	5.90 0.55	137.20 12.75
c)	Woolen	Sq.m. Sq.ft.	20.70 1.90	480.15 44.60
31-9	Supplying G.I. fire buckets 10 BWG (1.41mm) of 4 gals.(18 liter) capacity including painting two coats on all surface and lettering with approved paint the word "Fire" 3" to 6" (75mm to 150mm) size.	Each		514.50
31-10	Supply and fix angle iron channel or R.S. joists bucket stand of approved design fixed in cement concete 1:2:4 including fixing 2" (50mm) dia chain and iron hooks of approved design for holding fire buckets, painting with two coats of paint and locking arrangement but excluding the cost of cement concrete and earthwork.	Lb.	36.60 16.60	186.40 84.55
31-11	Supplying G.I. fire buckets 10 BWG (1.41mm) of 4 gals.(18 liter) capacity including painting two coats on all surface and lettering with approved paint the word "Fire" 3" to 6" (75mm to 150mm) size.		255.60	4357.15
31-12	Providing and fixing iron hooks of M.S. bars as per design in walls of all kinds including cutting holes in walls and making good the same in cement concrete 1:2:4 and curing.	<b>K</b> g. Lb.	42.90 19.45	118.25 53.65
31-13	Providing recess in cement concrete floor of any description for cycle stand as per design and drawings with hook and chain as locking arrangement but excluding the cost of cement concrete floor.	Each	63.90	150.25
31-14	Providing mild steel bar cycle stand fixed in cement concerete floor as per design and drawing with hooks and chains as locking arrangement including painting with two coats of approved paint but excluding the cost of cement concrete floor.	Kg. Lb.	45.35 20.55	137.05 62.15
31-15	Providing and fixing C.I. pipe spouts of required length and dia including fixing in cement mortar 1:4			
a)	2" (50 mm) dia.	R.M. R.ft.	154.35 47.05	1144.35 348.80
b)	3" (75 mm) dia.	R.M. R.ft.	154.35 47.05	1408.35 429.25
c)	4" (100 mm) dia.	R.M. R.ft.	154.35 47.05	1474.35 449.40
31-16	Providing and fixing Asbestos pipe spouts of required length and dia including fixing in cement mortar 1 : 4.			
a)	2" (50 mm) dia.	R.M. R.ft.	154.35 47.05	787.95 240.15
b)	3" (75 mm) dia.	R.M. R.ft.	154.35 47.05	853.95 260.30
c)	4" (100 mm) dia.	R.M. R.ft.	154.35 47.05	970.10 295.70

Sr. No.	Description	Unit	Rate	e (Rs.)
5r. No.	Description	Unit	Labour	Composite
31-17	Providing and fixing P.V.C pipe spouts of required length and dia including fixing in cement mortar 1 : 4			
a)	2" (50 mm) dia.	R.M. R.ft.	154.35 47.05	596.55 181.85
b)	3" (75 mm) dia.	R.M. R.ft.	154.35 47.05	641.45 195.50
c)	4" (100 mm) dia.	R.M. R.ft.	154.35 47.05	933.15 284.45
31-18	Providing and fixing Asbestos cement rain water down pipe with sealing collars, bolts and nuts and tail piece fixed in cement concrete 1:2:4 including filling joints with asbestos rope and cement mortar 1:2			
a)	3" (75 mm) dia.	R.M. R.ft.	49.80 15.20	717.40 218.65
	4" (100 mm) dia.	R.M. R.ft.	49.80 15.20	631.10 192.35
31-19	Providing and fixing shoe of Asbestos cement rain water down pipe with mild steel fastener fixed in cement concrete 1:2:4 including filling joints with asbestos rope and cement mortar 1:2		Q	
a)	3" (75 mm) dia.	Each	101.25	251.10
	4" (100 mm) dia.	Each	101.25	244.75
31-20	Providing and fixing A.C. plain bend of any degree for rain water down pipe with mild steel fasteners fixed in cement concrete 1:2:4 including filling joints with asbestos rope and cement mortar 1:2.	S		
a)	TA Adams of the	Each	101.25	691.25
b) 31-21	4" (100 mm) dia.  Providing and fixing with 6" (150 mm) projection A.C. offset for rain	Each	101.25	624.15
31-21	water down pipe with mild steel fasteners fixed in cement concrete 1:2:4 including filling joints with asbestos rope and cement mortar 1:2.			
a)	3" (75 mm) dia.	Each	101.25	428.95
b)	4" (100 mm) dia.	Each	101.25	428.95
31-22	Providing and fixing with A. C. head of any shape for rain water down pipe with mild steel fasteners fixed in cement concree 1:2:4 including filling joints with asbestos rope and cement mortar 1:2.			
a)	3" (75 mm) dia.	Each	101.25	306.95
b)	,	Each	101.25	306.95
31-23	Providing and fixing P.V.C rain water down pipe with mild steel clamps, bolts and nuts fixed in cement concrete 1:2:4.			
a)	3" (75 mm) dia.	R.M. R.ft.	85.20 25.95	333.10 101.55
b)	4" (100 mm) dia.	R.M. R.ft.	85.20 25.95	438.80 133.75

Sr. No.	Description	Unit	Rat	e (Rs.)
Sr. NO.	Description	Unit	Labour	Composite
31-24	Providing and fixing P.V.C. socket for rain water downpipe. a) 3" (75 mm) dia.	Each	24.65	433.35
	b) 4" (100 mm) dia.	Each	24.65	299.15
31-25	Providing and fixing P.V.C bend of any degree for rain water down pip with M.S. clamps bolts and nuts in cement concrete 1:2:4.	е	1 2	
	a) 3" (75 mm) dia.	Each	127.80	323.15
	b) 4" (100 mm) dia.	Each	127.80	365.30
31-26	Providing and fixing PVC offset of any degree for rain-water down pip on walls with M.S. clamps, bolts and nuts in cement concrete 1:2:4.	e		
	a) 3" (75 mm) dia.	Each	127.80	436.10
	b) 4" (100 mm) dia.	Each	127.80	444.60
31-27	Cleaning chimney flue of any section and height.	R.M. R.ft.	17.70 5.40	. :
31-28	Providing and fixing R.C.C. pipe in chimney flue set in 1:3 ceme mortar including the cost of collar, M.S. clamps and making recess.  a) 4" (100 mm) dia.	R.M. R.ft.	63.90 19.50	344.80 105.10
	b) 6" (150 mm) dia.	R.M. R.ft.	63.90 19.50	383.95 117.05
31-29	Providing and fixing 3/16" (5 mm) thick M.S. caps of approved size ar shape on top of chimney of R.C.C. pipe including two coats of paint of priming coat.	d	.0.00	
	a) 4" (100 mm) dia.	Each	53.05	653.50
	b) 6" (150 mm) dia.	Each	53.05	854.00
31-30	Providing and fixing PVC caps of approved size and shape on top chimney of R.C.C. pipe.	of		
	a) 4" (100 mm) dia.	Each	53.05	162.85
	b) 6" (150 mm) dia.	Each	53.05	382.45
31-31	Providing and fixing plain PVC water stop in vertical or horizont expansion joints including cutting or jointing.	al		
	a) 6" (150 mm) wide	R.M. R.ft.	42.60 13.00	347.60 105.95
	b) 8" (200 mm) wide	R.M. R.ft.	42.60 13.00	693.25 211.30
	c) 12" (300 mm) wide	R.M. R.ft.	42.60 13.00	805.10 245.40
	d) 18" (450 mm) wide	R.M. R.ft.	42.60 13.00	372.00 113.40

Sr. No.	Description	Unit	Rate (Rs.)	
Sr. No.	Description	Unit	Labour	Composite
31-32	Providing and fixing PVC eye letted water stop 14.5" (370mm) wide in vertical or horizontal expansion joints including cutting or jointing.	R.M. R.ft.	42.60 13.00	231.70 70.60
31-33	Providing and fixing 16 SWG (1.6mm) G.l. sheet covering of approved shape and design to expansion joints of roof slab with gutties and screws.	Sq.m. Sq.ft.	90.45 8.40	1814.35 168.60
31-34	Providing and filling Asphalt bitumen mixed with sand at 90 lbs./cu.ft (1441.5kg/cu.m) of sand in expansion joints of roof slab.	Cu.m. Cu.ft.	468.50 13.25	71127.45 2014.20
31-35	Providing and fixing 4.89 kg/sq.m. aluminium sheet covering of approved shape and design to expansion joints of roof slabs with slotted holes with wooden gutties and screws.		90.45 8.40	2068.95 192.30
31-36	Providing and fixing 4.89 kg/sq.m. aluminium sheet covering of approved shape and design to expansion joints in walls and columns including providing clamps and fixing with screws and rawl plugs or wooden gutties including making slotted holes.	Sq.m. Sq.ft.	229.20 21.30	2595.05 241.20
31-37	Providing and fixing 4.89 kg/sq.m. crimped copper sheet covering strips in vertical joints including punching slotted holes and fixing with wooden gutties or rawl plugs and screws.	Sq.m. Sq.ft.	229.20 21.30	4265.50 396.40
31-38	Cutting M.S. bars, bolts, rivets steel sections of any shape.	Sq.cm. Sq.inch	3.50 22.60	-
31-39	Providing and fixing brass grill railing of approved pattern and design including fixing with brass screws and polishing.	Kg. Lb.	5.10 2.30	163.85 74.30
31-40	Providing and fixing aluminium angle in corners with rawl plugs and aluminium screws.  1" x 1" x 1/8" size	R.M.	34.85	712.35
a)	1 X 1 X 1/0 Size	R.ft.	10.60	217.15
b)	1.5" x 1.5" x 1/8" size	R.M. R.ft.	34.85 10.60	813.85 248.05
31-41	Providing and fixing aluminium strip with aluminium screws.			
a)	1" x 1/8" size strip	R.M. R.ft.	34.85 10.60	610.85 186.20
b)	1.5" x 1/8" size strip	R.M. R.ft.	34.85 10.60	661.60 201.65
31-42 a)	Providing and fixing 6" (150 mm) dia wind catcher of G.I. sheet 22 gauge (1.22 mm) of approved shape and design including the cost of wire gauze covering and bottom ring.		235.35 71.75	1122.85 342.25
b)	Extra for every additional 25mm (1") dia over item No. 30- 42(a).	R.M. R.ft.	23.55 7.20	209.85 63.95
31-43	Providing and fixing 6" (150 mm) dia. C.I. pipe wind catcher of approved shape and design including the cost of wire gauze covering and bottom ring.		2.55 0.80	103.55 31.55

Supplying bamboo ladder 2 ft (600 mm) wide c/c average with 2.5" (65mm) dia rungs at 18" (450 mm) c/c including fixing necessary bolts. nuts and washers.   3" (75 mm) average dia. bamboo ladder   R.M.   104.80   R.ft.   31.95   152.20   R.ft.   31.95   155.20   R.ft.   31.95   R.ft.	Sr. No.	Description	[]mi4	Rate	e (Rs.)
(65mm) dia rungs at 18" (450 mm) c/c including fixing necessary bolts, nuts and washers.  a) 3" (75 mm) average dia. bamboo ladder R.ft. 104.80 R.ft. 131.95 152.20 b) 4" (100 mm) average dia. bamboo ladder R.ft. 131.95 156.10 Supply 4" (100 mm) Sal bail ladder 2 ft (600 mm) wide c/c average with 2.5" (65mm) dia rungs at 18" (450 mm) c/c including fixing necessary bolts, nuts and washers.  31-46 Supplying and fixing of flat iron in section and step bars of 5/8" (16mm) dia at 18" (450 mm) c/c including fixing necessary bolts, nuts and washers.  31-46 Supplying and fixing of flat iron in section and step bars of 5/8" (16mm) dia at 18" (450 mm) c/c including fixing flat iron stays as per approved design.  a) 3" x 1/4" (75 mm x 6.5 mm) flat iron ladder R.ft. 47.55 A50.05 b) 2.5" x 1/4" (65 mm x 6.5 mm) flat iron ladder R.ft. 47.55 A50.05 c) 2" x 1/4" (65 mm x 6.5 mm) flat iron ladder R.ft. 47.55 A50.05 d) 1.5" x 1/4" (38 mm x 6.5 mm) flat iron ladder R.ft. 47.55 A50.05 d) 1.5" x 1/4" (38 mm x 6.5 mm) flat iron ladder R.ft. 47.55 A50.05 d) 1.5" x 1/4" (38 mm x 6.5 mm) flat iron ladder R.ft. 47.55 A50.05 d) 1.5" x 1/4" (38 mm x 6.5 mm) flat iron ladder R.ft. 47.55 A50.05 d) 2" x 1/4" (38 mm x 6.5 mm) flat iron ladder R.ft. 47.55 A50.05 d) 2" x 1/4" (38 mm x 6.5 mm) flat iron ladder R.ft. 47.55 A70.05 d) 1.5" x 1/4" (38 mm x 6.5 mm) flat iron ladder R.ft. 47.55 A70.05 d) 1.5" x 1/4" (38 mm x 6.5 mm) flat iron ladder R.ft. 47.55 A70.05 d) 1.5" x 1/4" (38 mm x 6.5 mm) flat iron ladder R.ft. 47.55 A70.05 d) 1.5" x 1/4" (38 mm x 6.5 mm) flat iron ladder R.ft. 47.55 A70.05 d) 1.5" x 1/4" (38 mm x 6.5 mm) flat iron ladder R.ft. 47.55 A70.05 d) 1.5" x 1/4" (38 mm x 6.5 mm) flat iron ladder R.ft. 47.55 A70.05 d) 1.5" x 1/4" (38 mm x 6.5 mm) flat iron ladder R.ft. 47.55 A70.05 d) 1.5" x 1/4" (38 mm x 6.5 mm) flat iron ladder R.ft. 47.55 A70.05 d) 1.5" x 1/4" (38 mm x 6.5 mm) flat iron ladder R.ft. 5 mm) thick on wooden R.ft. 27.50 A70.20 d) 1.5" x 1/4" (38 mm x 6.5 mm) flat iron ladder R.ft. 5 mm) thick on wooden R.ft. 27.50 A7	ər. 140.	Description	Unit	Labour	Composite
b) 4" (100 mm) average dia. bamboo ladder b) 4" (100 mm) average dia. bamboo ladder 8. ft. 104.80	31-44	(65mm) dia rungs at 18" (450 mm) c/c including fixing necessary bolts,			
b) 4" (100 mm) average dia. bamboo ladder R.M. 104.80 St2.10 R.ft. 31.95 156.10  31-45 Supply 4" (100mm) Sal balli ladder 2 ft (600mm) wide c/c average with 2.5" (85mm) dia rungs at 18" (450mm) c/c including fixing necessary botts, ruts and washers.  31-46 Supplying and fixing of flat iron in section and step bars of 5/8" (16mm) dia at 18" (450mm) c/c including fixing flat iron stays as per approved design.  a) 3" x 1/4" (75 mm x 6.5 mm) flat iron ladder Kg. 104.80 Lb. 47.55 406.60  b) 2.5" x 1/4" (65 mm x 6.5 mm) flat iron ladder Kg. 104.80 Typ. 155 12.10  c) 2" x 1/4" (65 mm x 6.5 mm) flat iron ladder Kg. 104.80 Typ. 155 32.65  d) 1.5" x 1/4" (38 mm x 6.5 mm) flat iron ladder Kg. 104.80 Typ. 155 32.65  31-47 Providing and fixing aluminium sheet of 22 gauge (1.15 mm) thick on wooden surface with sunken aluminium screws of required size. Sq.ft. 2.55 68.05  31-48 Providing and fixing 6.1 sheet of 22 gauge (1.15 mm) thick on wooden surface with sunken aluminium screws of required size. Sq.ft. 2.55 74.20  31-49 Supplying 1.5" (38 mm) dia bamboo Jhandies 10 ft (3 m) high with rough cotton cloth of fast colour 15" x 15" with iron shoe and painting the bamboos as per direction of the Engineer Incharge.  31-50 Supplying wooden pegs for alignment. a) 6" to 9" (150 mm to 225 mm) long Each - 22.80  b) 9" to 15" (225 mm to 375 mm) long Each - 24.15  Providing and installing hand pump with 1.5" (38 mm) dia G.I. pipe, 2" (50mm) dia. brass strainer with iron shoe including the cost of 4" (100mm) dia C.I. casing 4 ft (1.2m) high above ground level embedded in 1:24 cement concrete with iron shoe including the cost of 4" (100mm) dia G.I. casing 4 ft (1.2m) high above ground level embedded in 1:24 cement concrete with iron shoe including the cost of 4" (100mm) dia G.I. casing 4 ft (1.2m) high above ground level embedded in 1:24 cement concrete with iron shoe including the cost of 4" (100mm) dia G.I. casing 4 ft (1.2m) high above ground level embedded in 1:24 cement concrete with iron shoe including the cost of 4" (100mm) dia G.I	a)	3" (75 mm) average dia. bamboo ladder	R.M.	104.80	499.35
31-45   Supply 4" (100mm) Sal balli ladder 2 ft (600mm) wide c/c average with 2.5" (65mm) dia rungs at 18" (450mm) c/c including fixing necessary bolts, nuts and washers.					
2.5" (65mm) dia rungs at 18" (450mm) c/c including fixing necessary botts, nuts and washers.   115.55 botts, nuts and washers.   31.46   Supplying and fixing of flat iron in section and step bars of 5/8" (16mm) dia at 18" (450mm) c/c including fixing flat iron stays as per approved design.   3" x 1/4" (75 mm x 6.5 mm) flat iron ladder   Kg. 104.80   47.55   406.60	b)	4" (100 mm) average dia. bamboo ladder			
dia at 18" (450mm) c/c including fixing flat iron stays as per approved design.  a) 3" x 1/4" (75 mm x 6.5 mm) flat iron ladder  b) 2.5" x 1/4" (65 mm x 6.5 mm) flat iron ladder  c) 2.5" x 1/4" (65 mm x 6.5 mm) flat iron ladder  c) 2" x 1/4" (50 mm x 6.5 mm) flat iron ladder  d) 1.5" x 1/4" (38 mm x 6.5 mm) flat iron ladder  d) 1.5" x 1/4" (38 mm x 6.5 mm) flat iron ladder  d) 1.5" x 1/4" (38 mm x 6.5 mm) flat iron ladder  d) 1.5" x 1/4" (38 mm x 6.5 mm) flat iron ladder  d) 2" x 1/4" (38 mm x 6.5 mm) flat iron ladder  d) 2" x 1/4" (38 mm x 6.5 mm) flat iron ladder  d) 3" x 1/4" (38 mm x 6.5 mm) flat iron ladder  d) 499.45  Lb. 47.55  226.55  31-47  Providing and fixing aluminium sheet of 22 gauge (1.15 mm) thick on wooden surface with sunken aluminium screws of required size.  31-48  Providing and fixing G.I. sheet of 22 gauge (1.15 mm) thick on wooden surface with sunken G.I. screws of required size.  31-49  Supplying 1.5" (38 mm) dia bamboo Jhandies 10 ft (3 m) high with rough cotton cloth of fast colour 15" x 15" with iron shoe and painting the bamboos as per direction of the Engineer Incharge.  31-50  Supplying wooden pegs for alignment.  a) 6" to 9" (150 mm to 225 mm) long  Each  53.15  Providing and installing hand pump with 1.5" (38 mm) dia G.I. pipe, 2" (50mm) dia G.I. casing 4 ft (1.2m) high above ground level embedded in 1:2-4 cement concrete with iron shoe including the cost of 4" (100mm) dia G.I. casing 4 ft (1.2m) high above ground level embedded in 1:2-4 cement concrete with iron handle, cap of required size and shape with all accessories and fittings.  a) Brass strainer 2" (50 mm) dia with iron shoe including boring, fitting and fixing.  b) G.I. pipe 1.5" (40 mm) dia including boring, fitting and fixing.  c) Hand pump with all accessories including 4" (100mm) dia G.I. casing Each 1542.05  4112.20	31-45	2.5" (65mm) dia rungs at 18" (450mm) c/c including fixing necessary			
Lib.   47.55   406.60		dia at 18" (450mm) c/c including fixing flat iron stays as per approved design.	•	١	
Lb.   47.55   359.05	a)	3" x 1/4" (75 mm x 6.5 mm) flat iron ladder			
d) 1.5" x 1/4" (38 mm x 6.5 mm) flat iron ladder  d) 1.5" x 1/4" (38 mm x 6.5 mm) flat iron ladder  lb. 47.55 321.65  Kg. 104.80 499.45 226.55  31-47 Providing and fixing aluminium sheet of 22 gauge (1.15 mm) thick on wooden surface with sunken aluminium screws of required size.  31-48 Providing and fixing G.I. sheet of 22 gauge (1.15 mm) thick on wooden surface with sunken G.I. screws of required size.  Supplying 1.5" (38 mm) dia bamboo Jhandies 10 ft (3 m) high with rough cotton cloth of fast colour 15" x 15" with iron shoe and painting the bamboos as per direction of the Engineer Incharge.  Supplying wooden pegs for alignment.  a) 6" to 9" (150 mm to 225 mm) long  Providing and installing hand pump with 1.5" (38 mm) dia G.I. pipe, 2" (50mm) dia. brass strainer with iron shoe including the cost of 4" (100mm) dia G.I. casing 4 ft (1.2m) high above ground level embedded in 1:2:4 cement concrete with iron handle, cap of required size and shape with all accessories and fittings.  a) Brass strainer 2" (50 mm) dia with iron shoe including boring, fitting and fixing.  b) G.I. pipe 1.5" (40 mm) dia including boring, fitting and fixing.  c) Hand pump with all accessories including 4" (100mm) dia G.I. casing  Each 1542.05 4112.20	b)	2.5" x 1/4" (65 mm x 6.5 mm) flat iron ladder			
Providing and fixing aluminium sheet of 22 gauge (1.15 mm) thick on wooden surface with sunken aluminium screws of required size.  31-48 Providing and fixing G.I. sheet of 22 gauge (1.15 mm) thick on wooden surface with sunken aluminium screws of required size.  31-49 Providing and fixing G.I. sheet of 22 gauge (1.15 mm) thick on wooden surface with sunken G.I. screws of required size.  31-49 Supplying 1.5" (38 mm) dia bamboo Jhandies 10 ft (3 m) high with rough cotton cloth of fast colour 15" x 15" with iron shoe and painting the bamboos as per direction of the Engineer Incharge.  31-50 Supplying wooden pegs for alignment.  a) 6" to 9" (150 mm to 225 mm) long  Broviding and installing hand pump with 1.5" (38 mm) dia G.I. pipe, 2" (50mm) dia. brass strainer with iron shoe including the cost of 4" (100mm) dia G.I. casing 4 ft (1.2m) high above ground level embedded in 1:2:4 cement concrete with iron handle, cap of required size and shape with all accessories and fittings.  a) Brass strainer 2" (50 mm) dia with iron shoe including boring, fitting and fixing.  Brass strainer 2" (50 mm) dia with iron shoe including boring, fitting and fixing.  Brass strainer 2" (50 mm) dia including boring, fitting and fixing.  C) Hand pump with all accessories including 4" (100mm) dia G.I. casing  Each 1542.05 4112.20	c)	2" x 1/4" (50 mm x 6.5 mm) flat iron ladder			
wooden surface with sunken aluminium screws of required size.  31-48 Providing and fixing G.I. sheet of 22 gauge (1.15 mm) thick on wooden surface with sunken G.I. screws of required size.  31-49 Supplying 1.5" (38 mm) dia bamboo Jhandies 10 ft (3 m) high with rough cotton cloth of fast colour 15" x 15" with iron shoe and painting the bamboos as per direction of the Engineer Incharge.  31-50 Supplying wooden pegs for alignment.  a) 6" to 9" (150 mm to 225 mm) long  b) 9" to 15" (225 mm to 375 mm) long  Providing and installing hand pump with 1.5" (38 mm) dia G.I. pipe, 2" (50mm) dia G.I. casing 4 ft (1.2m) high above ground level embedded in 1:2:4 cement concrete with iron shoe including the cost of 4" (100mm) dia G.I. casing 2000.95  b) G.I. pipe 1.5" (40 mm) dia including boring, fitting and fixing.  c) Hand pump with all accessories including 4" (100mm) dia G.I. casing Each 1542.05 4112.20	d)	1.5" x 1/4" (38 mm x 6.5 mm) flat iron ladder			
surface with sunken G.I. screws of required size.  Sq.ft. 2.55 74.20  31-49 Supplying 1.5" (38 mm) dia bamboo Jhandies 10 ft (3 m) high with rough cotton cloth of fast colour 15" x 15" with iron shoe and painting the bamboos as per direction of the Engineer Incharge.  31-50 Supplying wooden pegs for alignment.  a) 6" to 9" (150 mm to 225 mm) long Each - 22.80  b) 9" to 15" (225 mm to 375 mm) long Each - 24.15  Providing and installing hand pump with 1.5" (38 mm) dia G.I. pipe, 2" (50mm) dia. brass strainer with iron shoe including the cost of 4" (100mm) dia G.I. casing 4 ft (1.2m) high above ground level embedded in 1:2:4 cement concrete with iron handle, cap of required size and shape with all accessories and fittings.  a) Brass strainer 2" (50 mm) dia with iron shoe including boring, fitting and fixing.  Brass strainer 2" (40 mm) dia including boring, fitting and fixing.  C) Hand pump with all accessories including 4" (100mm) dia G.I. casing Each 1542.05 4112.20	31-47				
rough cotton cloth of fast colour 15" x 15" with iron shoe and painting the bamboos as per direction of the Engineer Incharge.  31-50  Supplying wooden pegs for alignment.  6" to 9" (150 mm to 225 mm) long  Broviding and installing hand pump with 1.5" (38 mm) dia G.I. pipe, 2" (50mm) dia. brass strainer with iron shoe including the cost of 4" (100mm) dia G.I. casing 4 ft (1.2m) high above ground level embedded in 1:2:4 cement concrete with iron handle, cap of required size and shape with all accessories and fittings.  a) Brass strainer 2" (50 mm) dia with iron shoe including boring, fitting and fixing.  Brass strainer 2" (50 mm) dia with iron shoe including boring, fitting and fixing.  C) Hand pump with all accessories including 4" (100mm) dia G.I. casing  Each  C) 22.80  Each  C) 24.15  Each  C) 4" (100mm) dia G.I. casing  Each  C) 24.15  Each  C) 4" (100mm) dia G.I. casing  Each  C) 4" (100mm) dia G.I. casing  Each  C) 4" (150 mm) dia colluding boring, fitting and fixing.  Each  Each  C) 4" (150 mm) dia colluding boring, fitting and fixing.  Each  Each  C) 4112.20	31-48		•		
a) 6" to 9" (150 mm to 225 mm) long  b) 9" to 15" (225 mm to 375 mm) long  Providing and installing hand pump with 1.5" (38 mm) dia G.I. pipe, 2" (50mm) dia. brass strainer with iron shoe including the cost of 4" (100mm) dia G.I. casing 4 ft (1.2m) high above ground level embedded in 1:2:4 cement concrete with iron handle, cap of required size and shape with all accessories and fittings.  a) Brass strainer 2" (50 mm) dia with iron shoe including boring, fitting and fixing.  Brass strainer 2" (50 mm) dia with iron shoe including boring, fitting and fixing.  CI. pipe 1.5" (40 mm) dia including boring, fitting and fixing.  CI. Hand pump with all accessories including 4" (100mm) dia G.I. casing  Each  22.80  Each  - 22.80  Each  - 24.15  R.M. 54.15  CI. pipe 1.5" (40 mm) dia including boring, fitting and fixing.  Each  - 24.15  Each  - 24.15	31-49	rough cotton cloth of fast colour 15" x 15" with iron shoe and painting	Each	53.15	319.00
a) 6" to 9" (150 mm to 225 mm) long  b) 9" to 15" (225 mm to 375 mm) long  Providing and installing hand pump with 1.5" (38 mm) dia G.I. pipe, 2" (50mm) dia. brass strainer with iron shoe including the cost of 4" (100mm) dia G.I. casing 4 ft (1.2m) high above ground level embedded in 1:2:4 cement concrete with iron handle, cap of required size and shape with all accessories and fittings.  a) Brass strainer 2" (50 mm) dia with iron shoe including boring, fitting and fixing.  Brass strainer 2" (50 mm) dia with iron shoe including boring, fitting and fixing.  CI. pipe 1.5" (40 mm) dia including boring, fitting and fixing.  CI. Hand pump with all accessories including 4" (100mm) dia G.I. casing  Each  22.80  Each  - 22.80  Each  - 24.15  Each  - 24.15  Each  - 24.15  Each  - 24.15	31-50	Supplying wooden pegs for alignment.			
Providing and installing hand pump with 1.5" (38 mm) dia G.I. pipe, 2" (50mm) dia. brass strainer with iron shoe including the cost of 4" (100mm) dia G.I. casing 4 ft (1.2m) high above ground level embedded in 1:2:4 cement concrete with iron handle, cap of required size and shape with all accessories and fittings.  a) Brass strainer 2" (50 mm) dia with iron shoe including boring, fitting and fixing.  b) G.I. pipe 1.5" (40 mm) dia including boring, fitting and fixing.  C) Hand pump with all accessories including 4" (100mm) dia G.I. casing  Each 1542.05 4112.20	a)	'''   '''	Each	-	22.80
(50mm) dia. brass strainer with iron shoe including the cost of 4" (100mm) dia G.I. casing 4 ft (1.2m) high above ground level embedded in 1:2:4 cement concrete with iron handle, cap of required size and shape with all accessories and fittings.  a) Brass strainer 2" (50 mm) dia with iron shoe including boring, fitting and fixing.  Brass strainer 2" (50 mm) dia with iron shoe including boring, fitting and fixing.  Col. pipe 1.5" (40 mm) dia including boring, fitting and fixing.  Col. Hand pump with all accessories including 4" (100mm) dia G.I. casing  Each 1542.05 4112.20	b)	9" to 15" (225 mm to 375 mm) long	Each	-	24.15
and fixing.  By and fixing.  Color pipe 1.5" (40 mm) dia including boring, fitting and fixing.  Color Hand pump with all accessories including 4" (100mm) dia G.l. casing Each 1542.05 4112.20	31-51	(50mm) dia. brass strainer with iron shoe including the cost of 4" (100mm) dia G.I. casing 4 ft (1.2m) high above ground level embedded in 1:2:4 cement concrete with iron handle, cap of required size and			
c) Hand pump with all accessories including 4" (100mm) dia G.l. casing	a)	, ,			
	b)	G.I. pipe 1.5" (40 mm) dia including boring, fitting and fixing.			
4 it. (1.2m) high embedded in cement concrete.	c)	Hand pump with all accessories including 4" (100mm) dia G.I. casing 4 ft. (1.2m) high embedded in cement concrete.	Each	1542.05	4112.20

Sr. No.	Description	Unit	Rate	e (Rs.)
5r. No.	Description	Unit	Labour	Composite
31-52	Providing and installing M.S. spiral stair case with central post, railing and braces at required interval including two coats of paint but excluding the cost of cement concrete work in base.			
	a) 5 ft. (1.5 m) dia.	Each	1022.35	27374.35
1	6 ft. (1.8 m) dia.	Each	1022.35	30668.35
31-53	Providing and laying 3" x 3" (75mm x 75mm) cement concrete 1:2:4 gola using crushed aggregate at junction of roof slab and wall and finished with 1/4" (6.4mm) thick cement plaster 1:4 including curing.	R.M. R.ft.	33.55 10.25	156.55 47.70
31-54	Breaking bricks by hand including grading, screening and stacking.  3" (75 mm) and down gauge	Cu.m. Cu.ft.	159.20 4.50	- -
31-55	3) 1.5" (37 mm) and down gauge  Breaking stone by hand, grading screening and stacking.	Cu.m. Cu.ft.	212.30 6.00	- -
	a) 3" (75 mm) and down gauge	Cu.m. Cu.ft.	318.40 9.00	-
1	o) 1.5" (37 mm) and down gauge	Cu.m. Cu.ft.	424.55 12.00	-
31-56	Providing and laying aluminium strips of any section in floor of any description.	R.M. R.ft.	16.75 5.10	116.55 35.50
31-57	Providing and laying glass strips upto 1" (25 mm) thick of any section in floors of any description.	_		
:	a) 3 mm thick	R.M. R.ft.	16.75 5.10	28.95 8.80
	5 mm thick	R.M. R.ft.	16.75 5.10	35.05 10.70
31-58	Providing and laying P.V.C. nosing to treads with approved adhesive including cost of brass screws, rawl plugs etc.			
;	a) 30 mm wide P.V.C. nosing	R.M. R.ft.	16.75 5.10	155.70 47.45
	40 mm wide P.V.C. nosing	R.M. R.ft.	16.75 5.10	161.80 49.30
,	45 mm wide P.V.C. nosing	R.M. R.ft.	16.75 5.10	181.30 55.25
	d) 50 mm wide P.V.C. nosing	R.M. R.ft.	16.75 5.10	193.50 59.00
31-59	Providing and fixing aluminium ribbed nosing to treads of required section with aluminium lugs fixed with aluminium screws and rawl plugs.	R.M. R.ft.	16.75 5.10	356.45 108.65
31-60	Providing and fixing flat iron ribbed nosing to treads of required sections with iron lugs fixed with screws and rawl plugs.	R.M. R.ft.	16.75 5.10	141.40 43.10

Sr. No.	Description	Unit	Rate (Rs.)	
31. NO.	Description	Onit	Labour	Composite
31-61	Providing and fixing brass ribbed nosing to treads of approved sections with iron lugs fixed with brass screws and rawl plugs.	R.M. R.ft.	16.75 5.10	330.25 100.65
31-62	Making notice board of 1/2" (13 mm) thick cement sand plaster with 2" (50mm) wide and 1" (25mm) thick heading of cement mortar 1:3 including curing.	Sq.m. Sq.ft.	542.60 50.45	661.55 61.50
31-63	Fixing enamelled iron gauzes flush with masonry including cost of hooks.	R.M. R.ft.	209.65 63.90	239.65 73.05
31-64	Washing Niwar of bed	Kg. Lb.	53.05 24.05	71.35 32.35
31-65	Washing Darries	Sq.m. Sq.ft.	21.25 1.95	32.20 3.00
31-66 31-67 a)	Washing floors of all kinds  Caning chairs/couches with Singapore cane.	Sq.m. Sq.ft.	5.30 0.50	8.95 0.85
i)	Office chairs, single caning seat only.	Each	159.20	273.35
ii)	Office chairs, double caning seat only.	Each	212.30	364.45
iii)	Office chairs, single caning back only.	Each	132.70	189.75
iv)	Office chairs, double caning back only.	Each	185.75	261.85
V)	Easy chairs, single caning seat only.	Each	238.80	391.00
vi)	Easy chairs, double caning seat only.	Each	344.95	649.30
vii)	Easy chairs, single caning back and seat in one peice.	Each	583.75	1040.30
viii	Easy chairs, double caning back and seat in one peice.	Each	902.20	— 1815.30
ix)	Couches, double caning	Each	636.85	1245.55
b)	Caning chairs/Couches with plastic			
i)	Office chairs, single caning seat only.	Each	159.20	205.90
ii)	Office chairs, double caning seat only.	Each	212.30	274.55
iii)	Office chairs, single caning back only.	Each	132.70	156.05
iv)	Office chairs, double caning back only.	Each	185.75	216.90
V)	Easy chairs, single caning seat only.	Each	159.20	221.45
vi)	Easy chairs, double caning seat only.	Each	212.30	305.70
vii)	Easy chairs, single caning back and seat in one peice.	Each	344.95	531.70
viii		Each	451.10	824.65
ix)	Couches, double caning	Each	344.95	594.00

Sr. No.	Pagarintian	Unit	Rate (Rs.)	
3r. No.	Description	Offic	Labour	Composite
31-68	Weaving charpoy	Each	212.30	-
31-69	Sweeping chimneys	Each	58.40	-
31-70	Fixing 'U' bolts in masonry or concrete including leveling and tying for fixing angle iron post.	Each	112.10	-
31-71	Drilling holes upto 1/2" dia and 3" deep in R.C.C work	Per hole	35.25	-
31-72	Cutting hole 4" x 6" (100mm x 150mm) in stone masonry or brick wall upto 18" (450m) with chisel including repairing and removing debris from site.	Per	143.75	-
31-73	Making 1-1/2" x 1-1/2" (37.5 mm x 37.5 mm) groove in wall of stone or brick masonry in cement for fixing planks upto 9" (225mm) deep including repairing.	R.M. R.ft.	95.85 29.20	-
31-74	Spraying anti-termite chemical Biflex or equivalent mixed with water in the ratio of 1:40	Sq.m. Sq.ft.	15.25 1.40	168.40 15.65
31-75	Providing and fixing fiberglass overhead tank manufactured by Zamrock or equivalent on top of any floor  300 gallons capacity	Each	1098.00	12528.00
ii)		Each	1098.00	18243.00
iii)		Each	1098.00	24593.00
iv)		Each	1098.00	33229.00
31-76	Cleaning of overhead water tank	Cu.m. Cu.ft.	9.70 0.25	10.30 0.30
31-77	Supply and fixing 1/8" thick galvanized iron sheet water tank of approved design and size including covering and locking arrangment and erection and positioning excluding the cost of pillars and painting		1098.00	35642.00
31-78	Supply of following items to be used for construction of suspension			
a)	hridge Main ropes 1.25" dia.	R.M. R.ft.	-	610.00 185.95
b)	Wind guy ropes 1" dia.	R.M. R.ft.	-	439.20 133.85
c)	Wind guy ropes 3/4" dia.	R.M. R.ft.	-	298.90 91.10
d)	Wind guy ropes 1/2" dia.	R.M. R.ft.	-	244.00 74.35
e)	Main cable clamp	Each	-	976.00
f)	Transom clamp	Each	-	976.00
g)	Road bear clamp	Each	-	732.00

Sr. No.	Description	Unit	Rate (Rs.)	
31. NO.	Description	Oilit	Labour	Composite
h)	Wind guy clamp	Each	-	488.00
i)	Wind guy double clamp	Each	-	488.00
j)	U Grips 1.5" dia	Each	- 1	488.00
k)	U Grips 1" dia	Each	16	427.00
l)	U Grips 3/4" dia	Each	-	341.60
m)	Thimble plate 1.5" dia	Each	-	366.00
n)	Thimble plate 1" dia	Each	-	305.00
0)	Thimble plate 3/4" dia	Each	١- ١	219.60
p)	Thimble plate 1/2" dia	Each		183.00
31-79	Supply and fix following items to be used for construction of suspension bridge		10	
a)		R.M.	_=	1799.50
		R.ft.	2	548.45
b)	Coupling machine	Each		2196.0
c)	Saddle plates	Each	•	17080.0
d)	Steel runners 3" x 6" dia.	Each	-	610.0
31-80 a)	Supply and fix steel deck plates of following thicknesses complete in all respect including cutting, jointing etc.			
i)	1/4" Thick	Sq.m. Sq.ft.	<del>-</del> -	6571.55 610.75
li)	3/8" Thick	Sq.m.	_	9416.25
		Sq.ft.	-	875.10
iii)	1/2" Thick	Sq.m. Sq.ft.	-	12555.00 1166.80
b)	Launching of main ropes wind/ guy ropes etc. complete in all respect		_	439.20
,	including all arrangements as per direction of the Engineer in charge	R.ft.	-	133.85
	Add extra for respective payable item of ground floor	01		400/
a)	For first floor	% Increase		10%
b)	For every additional floor above first floor	% Increase		7.5%
		Increase		