Sr. No.	Description	Unit	Rate (Rs.)		Ref. Tech. Specs.
			Labour	Composite	
3.1	Earth work excavation undressed, lead upto a single throw of kassi, phaorah or shovel.				3.5
a)	In ashes, sand, soft soil or silt clearance.	Cu.m. Cu.ft..	112.50 3.20	112.50 3.20	
b)	In ordinary soil	Cu.m. Cu.ft..	140.65 4.00	140.65 4.00	
c)	In hard soil	Cu.m. Cu.ft..	196.90 5.60	196.90 5.60	
d)	In shingle or gravel	Cu.m. Cu.ft..	292.50 8.30	292.50 8.30	
3-2	Earth work excavation undressed, lead upto 50 ft. (15m.)				3.5
a)	In ashes, sand, soft soil or silt clearance.	Cu.m. Cu.ft..	140.65 4.00	140.65 4.00	
b)	In ordinary soil	Cu.m. Cu.ft..	168.75 4.80	168.75 4.80	
c)	In hard soil	Cu.m. Cu.ft..	236.25 6.70	236.25 6.70	
d)	In shingle or gravel	Cu.m. Cu.ft..	360.00 10.20	360.00 10.20	
3-3	Bed clearance in ordinary soil and dressing slopes of drains to required section including removal of weeds, roots etc. and disposal of excavated material within 50 ft. (15m) lead.				3.8
a)	Excavated material undressed	Cu.m. Cu.ft..	225.00 6.35	225.00 6.35	
b)	Excavated material dressed in specified manner.	Cu.m. Cu.ft..	258.75 7.35	258.75 7.35	
3-4	Borrow pit excavation depth upto 10 ft. (3 m) undressed lead upto 100 ft. (30m)				3.8 3.9
a)	Sand	Cu.m. Cu.ft..	156.11 4.40	156.11 4.40	
b)	Ordinary soil	Cu.m. Cu.ft..	194.06 5.50	194.06 5.50	
c)	Hard soil	Cu.m. Cu.ft..	236.25 6.70	236.25 6.70	
d)	Shingle or gravel	Cu.m. Cu.ft..	354.38 10.05	354.38 10.05	
3-5	Earthwork for embankment lead upto 100 ft. (30m) and compaction by mechanical means at optimum moisture content, dressing to designed section including laying, leveling and watering.				3.9 3.12
A.	**Sand**				

Sr. No.	Description	Unit	Rate (Rs.)		Ref. Tech. Specs.
			Labour	Composite	
i)	95% maximum modified AASHTO dry density	Cu.m. Cu.ft..	225.00 6.35	437.50 12.40	
ii)	90% maximum modified AASHTO dry density	Cu.m. Cu.ft..	225.00 6.35	341.25 9.65	
iii)	85% maximum modified AASHTO dry density	Cu.m. Cu.ft..	225.00 6.35	293.13 8.30	
B.	**Ordinary soil**				
i)	95% maximum modified AASHTO dry density	Cu.m. Cu.ft..	270.00 7.65	476.88 13.50	
ii)	90% maximum modified AASHTO dry density	Cu.m. Cu.ft..	270.00 7.65	380.63 10.80	
iii)	85% maximum modified AASHTO dry density	Cu.m. Cu.ft..	270.00 7.65	332.50 9.40	
C.	**Hard soil**				
i)	95% maximum modified AASHTO dry density	Cu.m. Cu.ft..	315.00 8.90	516.25 14.60	
ii)	90% maximum modified AASHTO dry density	Cu.m. Cu.ft..	315.00 8.90	420.00 11.90	
iii)	85% maximum modified AASHTO dry density	Cu.m. Cu.ft..	315.00 8.90	371.88 10.55	
D.	**Shingle or gravel**				
i)	95% maximum modified AASHTO dry density	Cu.m. Cu.ft..	472.52 13.40	654.08 18.50	
ii)	90% maximum modified AASHTO dry density	Cu.m. Cu.ft..	472.52 13.40	557.83 15.80	
iii)	85% maximum modified AASHTO dry density	Cu.m. Cu.ft..	472.52 13.40	509.71 14.45	
3-6	Earthwork for embankment lead upto 100 ft. (30m) and compaction by manual labour at optimum moisture content, dressing to designed section, laying, leveling and watering.				3.12
a)	Sand	Cu.m. Cu.ft..	128.50 3.65	140.50 4.00	
b)	Ordinary soil	Cu.m. Cu.ft..	172.75 4.90	187.75 5.30	
c)	Hard soil	Cu.m. Cu.ft..	211.65 6.00	231.65 6.55	
d)	Shingle or gravel	Cu.m. Cu.ft..	310.65 8.80	310.65 8.80	
3-7	Earthwork excavation in open cutting upto 5 ft. (1.5 m) depth for storm water channels, drains, sullage drains in open area, roads, streets, lanes including under pinning of walls and shoring to protect existing works, shutterring and timbering the trenches dressed to designed level and dimension, trimming, removal of				3.1 3.5

Sr. No.	Description	Unit	Rate (Rs.)		Ref. Tech. Specs.
			Labour	Composite	
	to designed level and dimension, trimming, removal of surface water from trenches, backfilling and disposal of surplus excavated material upto 50 ft. (15 m) including dressing				
a)	Sand	Cu.m. Cu.ft..	239.50 6.80	259.85 7.35	
b)	Ordinary soil	Cu.m. Cu.ft..	305.50 8.65	346.75 9.80	
c)	Hard soil	Cu.m. Cu.ft..	397.75 11.25	401.75 11.40	
d)	Shingle or gravel	Cu.m. Cu.ft..	532.50 15.10	553.80 15.70	
3-8	Earthwork excavation in open cutting upto 5 ft. to 10 ft. (1.5 m to 3 m) depth for storm water channels, drains, sullage drains in open area, roads, streets, lanes including under pinning of walls and shoring to protect existing works, shutterring and timbering the trenches dressed to designed level and dimension, trimming, removal of surface water from trenches, backfilling and disposal of surplus excavated material upto 100 ft. (30 m) including dressing				3.1 3.5
a)	Sand	Cu.m. Cu.ft..	163.38 4.65	341.45 9.65	
b)	Ordinary soil	Cu.m. Cu.ft..	211.08 6.00	432.70 12.25	
c)	Hard soil	Cu.m. Cu.ft..	237.63 6.75	491.90 13.95	
d)	Shingle or gravel	Cu.m. Cu.ft..	376.70 10.65	821.20 23.25	
3-9	Excavation in shingle or gravel formation and rock, not requiring blasting, undressed lead upto 100 ft. (30m)				3.1 3.5
a)	Dry	Cu.m. Cu.ft..	371.25 10.50	371.25 10.50	3.7
b)	Wet	Cu.m. Cu.ft..	506.25 14.35	506.25 14.35	
c)	In flowing water	Cu.m. Cu.ft..	562.50 15.95	562.50 15.95	
d)	Under water including dewatering	Cu.m. Cu.ft..	562.50 17.30	610.00 17.30	
3-10	Earthwork excavation in irrigation channels drains etc. to designed section, grades and profiles excavated material disposed off and dressed within 50 ft (15m) lead.				3.1 3.5
a)	Sand	Cu.m. Cu.ft..	198.75 5.65	198.75 5.65	

Sr. No.	Description	Unit	Rate (Rs.)		Ref. Tech. Specs.
			Labour	Composite	
b)	Ordinary soil	Cu.m. Cu.ft..	255.00 7.20	255.00 7.20	
c)	Hard soil	Cu.m. Cu.ft..	311.25 8.80	311.25 8.80	
d)	Shingle or gravel formation	Cu.m. Cu.ft..	430.65 12.20	430.65 12.20	
3-11	Excavation in rock dressed to designed section, grades and profiles, excavated material disposed of within 100 ft.(30 m) & lift upto 6.5 ft. (2m.)				3.1 3.6
a)	Soft rock, slate, shale, work, with pick and crow bar.	Cu.m. Cu.ft..	304.43 8.60	456.64 12.95	
b)	Medium hard rock schist or laterite requiring occasior	Cu.m. Cu.ft..	524.70 14.85	577.15 16.35	
3-12	Excavation in hard rock requiring blasting and disposal of excavated material (blasted material) upto 50 ft. (15m) lead, (including dressing and levelling to designated section).				3.1 3.6
a)	Grade I	Cu.m. Cu.ft..	281.65 8.00	352.05 9.95	
b)	Grade II	Cu.m. Cu.ft..	309.82 8.75	433.00 12.25	
c)	Grade III	Cu.m. Cu.ft..	340.80 9.65	489.30 13.85	
d)	Grade IV	Cu.m. Cu.ft..	421.60 11.95	590.30 16.70	
e)	Grade V	Cu.m. Cu.ft..	463.76 13.15	649.33 18.40	
f)	Grade VI	Cu.m. Cu.ft..	510.14 14.45	714.26 20.25	
3-13	Excavation in hard rock requiring blasting but blasting prohibited and disposal of excavated material within 50 ft. (15m) lead, (including dressing and levelling to designed section etc.).				3.1 3.6
a)	Grade I	Cu.m. Cu.ft..	576.15 16.30	720.20 20.40	
b)	Grade II	Cu.m. Cu.ft..	651.05 18.45	821.00 23.25	
c)	Grade III	Cu.m. Cu.ft..	735.70 20.85	892.35 25.25	
d)	Grade IV	Cu.m. Cu.ft..	692.00 19.60	936.76 26.55	
e)	Grade V	Cu.m. Cu.ft..	769.00 21.80	1,047.90 29.70	

Sr. No.	Description	Unit	Rate (Rs.)		Ref. Tech. Specs.
			Labour	Composite	
f)	Grade VI	Cu.m. Cu.ft..	830.00 23.50	1,109.70 31.45	
3-14	Rehandling of earthwork				
a)	Lead upto a single throw of Kassi, phaorah or shovel	Cu.m. Cu.ft..	63.00 1.80	63.00 1.80	
b)	Upto a lead of 50 ft. (15 m.)	Cu.m. Cu.ft..	88.90 2.50	88.90 2.50	
3-15	Rehandling of gravel work or excavated rock, lead	Cu.m. Cu.ft..	219.40 6.20	219.40 6.20	
3-16	Filling, watering and ramming earth under floors.				3.8.5
a)	With surplus earth from foundation etc.	Cu.m. Cu.ft..	97.65 2.75	110.97 3.15	
b)	With new earth excavated from outside, lead upto 100 ft. (30m) and lift upto 5 ft. (1.5m)	Cu.m. Cu.ft..	195.40 5.55	214.73 6.10	
3-17	Filling, watering and ramming earth under floors for every 50 ft. (15m) additional lead or part thereof. (Maximum upto 1000 ft. (300 m)				3.5.8
a)	For earthwork soft, ordinary, hard and very hard	Cu.m. Cu.ft..	2.70 0.10	9.00 0.25	
b)	For gravel, shingle or rock	Cu.m. Cu.ft..	3.50 0.10	12.50 0.35	
3-18	Dressing and levelling of earthwork to designed				3.5
a)	Ashes, sand, silt or soft soil	Cu.m. Cu.ft..	17.00 0.50	17.00 0.50	3.8
b)	Ordinary or hard soil	Cu.m. Cu.ft..	25.50 0.70	25.50 0.70	
c)	Gravel work or soft rock not requiring blasting	Cu.m. Cu.ft..	39.40 1.10	39.40 1.10	
3-19	Dressing dowels of canal banks, marginal bunds and flood protection bunds.	R.M. R.ft..	5.25 1.60	5.25 1.60	3.8
3-20					3.8
a)	Dressing slopes of banks or ground surface	Sq.m. Sq.ft..	10.15 0.95	10.15 0.95	
b)	Dressing of earthwork by machinery or otherwise and left undressed	Sq.m. Sq.ft..	16.90 1.55	16.90 1.55	
3-21	Excavation in foundation of buildings, bridges, and other structures including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m)				3.5
a)	Sand, ashes or loose soil	Cu.m. Cu.ft..	181.80 5.15	181.80 5.15	
b)	Ordinary soil	Cu.m. Cu.ft..	237.00 6.70	237.00 6.70	

Sr. No.	Description	Unit	Rate (Rs.)		Ref. Tech. Specs.
			Labour	Composite	
c)	Hard soil or soft murum	Cu.m. Cu.ft..	303.10 8.60	303.10 8.60	
d)	Shingle or gravel	Cu.m. Cu.ft..	387.50 10.95	387.50 10.95	
3-22	Cutting hard rock such as granite, ballast, hard lime stone or sand stone etc. with chisels and hammers for small foundation.	Cu.m. Cu.ft..	1,181.30 33.45	1,280.80 36.25	3.6.2
3-23	Extra for excavation requiring shoring.	Cu.m. Cu.ft..	32.80 0.95	46.80 1.35	3.8.4 (iii)
3-24	Compaction of earthwork (soft, ordinary, or hard soil)				3.12.3
a)	Mixing, moisturing earth to optimum moisture content in layers for compaction.	Cu.m. Cu.ft..	23.40 0.65	23.40 0.65	
b)	Compaction by rolling with animal driven roller/hand rammed.				
i)	Soft and sandy soil	Cu.m. Cu.ft..	32.60 0.90	32.60 0.90	
ii)	Ordinary soil	Cu.m. Cu.ft..	36.79 1.05	36.79 1.05	
iii)	Hard soil	Cu.m. Cu.ft..	43.14 1.20	43.14 1.20	
iv)	Shingle or gravel	Cu.m. Cu.ft..	51.64 1.45	51.64 1.45	
c)	Ramming earth work (all type of soil)	Cu.m. Cu.ft..	30.83 0.85	30.83 0.85	
d)	Ramming earth work behind retaining wall	Cu.m. Cu.ft..	45.68 1.30	45.68 1.30	
3-25	Compaction of earthwork in embankment to full depth and width by approved mechanical means in layer not exceeding 10 inches (230mm) in depth at optimum moisture content including watering by mechanical means.				3.12.4 3.12.3
a)	95% maximum modified AASHTO dry density.	Cu.m. Cu.ft..	12.23 0.35	48.73 1.40	
b)	90% maximum modified AASHTO dry density.	Cu.m. Cu.ft..	12.23 0.35	33.49 0.95	
c)	85% maximum modified AASHTO dry density.	Cu.m. Cu.ft..	12.23 0.35	23.18 0.65	
3-26	Extra for wet earthwork (Supporting man's weight)	Cu.m. Cu.ft..	87.21 2.45	87.21 2.45	3.1 3.5
3-27	Extra for slush or daldal including dewatering (Not supporting man's weight)	Cu.m. Cu.ft..	163.15 4.60	163.15 4.60	3.1 3.5
3-28	Extra for excavation requiring shoring.	Cu.m. Cu.ft..	36.25 1.05	36.25 1.05	3.1 3.5
3-29	Earthwork on small rain water drains, along canal banks, roads and plantation drains dressed.	R.M. R.ft..	22.50 6.85	22.50 6.85	3.1 3.5

Sr. No.	Description	Unit	Rate (Rs.)		Ref. Tech. Specs.
			Labour	Composite	
3-30	Filling and compacting soil, earth and boulders behind retaining walls (including excavation of soil and lead upto 50 ft. (15m)	Cu.m. Cu.ft..	151.90 4.30	151.90 4.30	3.12.4
3-31	Dag belling 3" (75 mm.) deep	Per Km. Per Mile	798.75 1,285.45	798.75 1,285.45	
3-32	Turfing slopes of banks or lawns with grass sods including ploughing, laying, setting and watering (Truf obtained from within a distance of 8km (5 miles) and maintained for 15 days).	Sq.m. Sq.ft..	112.50 10.45	112.50 10.45	29.3
3-33	Berm Cutting.				3.5
a)	Lead upto a single throw of kassi, phaorah or shovel (without dressing)	Cu.m. Cu.ft..	116.90 3.30	116.90 3.30	
b)	Lead upto 50 ft. (15 m.), including dressing	Cu.m. Cu.ft..	172.15 4.90	172.15 4.90	
3-34	Berm trimming both sides of channels.				3.5
a)	Upto 3 ft. (1.0 m) depth	Per Km. Per Mile	2,840.63 4,571.55	2,130.47 3,428.65	
b)	Exceeding 3 ft. to 5 ft. (1.0 m to 1.5 m) depth	Per Km. Per Mile	4,219.49 6,790.60	3,164.62 5,092.95	
c)	Exceeding 5 ft. to 8 ft. (1.5m to 2.5m) depth	Per Km. Per Mile	7,419.79 11,941.00	5,564.84 8,955.75	
3-35	Ploughing and levelling borrow pits.				3.5
a)	Upto 3 ft. (1 m) depth	Per Hec. Per Acre	3,781.25 1,530.20	3,781.25 1,530.20	3.12.3
b)	Above 3 ft. (1 m) depth	Per Hec. Per Acre	7,562.50 3,060.45	7,562.50 3,060.45	
3-36	Making boundary or service roads including dagbelling, levelling and dressing.				3.8.2 3.11
a)	Unploughed land				
i)	From 10 ft. to 20 ft. (3 m. to 6 m.) wide	R.M. R.ft..	20.15 6.15	20.15 6.15	
ii)	From 20 ft. to 40 ft. (6 m. to 12 m.) wide	R.M. R.ft..	26.25 8.00	26.25 8.00	
b)	Carriage by boats upto 1000 ft. (300 m)				
i)	From 10 ft. to 20 ft. (3 m to 6 m) wide	R.M. R.ft..	22.45 6.85	22.45 6.85	
ii)	From 20 ft. to 40 ft. (6 m. to 12 m.) wide	R.M. R.ft..	27.70 8.45	27.70 8.45	
3-37	Earthwork by boats, including hire charges of boats.				3.5
a)	Digging and loading into boats upto 50 ft. (15 m) lead	Cu.m. Cu.ft..	163.80 4.65	163.80 4.65	

Sr. No.	Description	Unit	Rate (Rs.)		Ref. Tech. Specs.
			Labour	Composite	
b)	Carriage by boats upto 1000 ft. (300 m)	Cu.m. Cu.ft..	40.00 1.15	40.00 1.15	
c)	Extra for every additional 100 ft. (30m) or part thereof beyond 1000 ft. (300m)	Cu.m. Cu.ft..	3.50 0.10	3.50 0.10	
d)	un-loading Carriage by boats upto 1000 ft. (300 m)	Cu.m. Cu.ft..	90.00 2.55	90.00 2.55	
3-38	Unloading earth from B.G. trucks and clearing 5 ft. (1.5 m) from rail	Cu.m. Cu.ft..	66.40 1.90	66.40 1.90	3.5
3-39	Earthwork by tramway, digging and loading into trucks, upto 50 ft. (15m) lead	Cu.m. Cu.ft..	154.15 4.35	154.15 4.35	3.5
3-40	Unloading earth from B.G. trucks and spreading upto 50 ft. (15m) from rail	Cu.m. Cu.ft..	127.15 3.60	127.15 3.60	
3-41	Supplying clean and screened river or pit sand within 500 ft. (150m)	Cu.m. Cu.ft..	221.65 6.30	221.65 6.30	
3-42	Excavation in open cutting for sewers and manholes as shown in drawings, dressing to correct sections and dimensions according to templates and levels and removing surface water in all types of soil except rock				3.5
a)	**Upto 5 ft. (1.5 m) depth**				
i)	Sand	Cu.m. Cu.ft..	84.38 2.40	84.38 2.40	
ii)	Ordinary soil	Cu.m. Cu.ft..	207.00 5.85	207.00 5.85	
iii)	Hard soil	Cu.m. Cu.ft..	225.00 6.35	225.00 6.35	
iv)	Shingle or gravel	Cu.m. Cu.ft..	245.25 6.95	245.25 6.95	
b)	**Below 5 ft. to 10 ft. (1.5 m to 3.0 m) depth**				
i)	Sand	Cu.m. Cu.ft..	112.50 3.20	112.50 3.20	
ii)	Ordinary soil	Cu.m. Cu.ft..	270.00 7.65	270.00 7.65	
iii)	Hard soil	Cu.m. Cu.ft..	303.75 8.60	303.75 8.60	
iv)	Shingle or gravel	Cu.m. Cu.ft..	382.50 10.85	382.50 10.85	
c)	**Below 10 ft. to 15 ft. (3.0 m to 4.5 m) depth**				
i)	Sand	Cu.m. Cu.ft..	121.50 3.45	121.50 3.45	
ii)	Ordinary soil	Cu.m. Cu.ft..	281.25 7.95	281.25 7.95	
iii)	Hard soil	Cu.m. Cu.ft..	324.00 9.20	324.00 9.20	

Sr. No.	Description	Unit	Rate (Rs.)		Ref. Tech. Specs.
			Labour	Composite	
iv)	Shingle or gravel	Cu.m. Cu.ft..	425.25 12.05	425.25 12.05	
d)	**Below 15 ft. to 20 ft. (4.5 m to 6.0 m) depth**				
i)	Sand	Cu.m. Cu.ft..	145.80 4.15	145.80 4.15	
ii)	Ordinary soil	Cu.m. Cu.ft..	360.00 10.20 1,019.43	360.00 10.20	
iii)	Hard soil	Cu.m. Cu.ft..	393.75 11.15	393.75 11.15	
iv)	Shingle or gravel	Cu.m. Cu.ft..	471.40 13.35	471.40 13.35	
3-43	Providing and fixing close shuttering and timbering for excavation in open cutting for sewers and manholes as shown in drawings and removing of timbering after completion of job.				3.8.4 (iv)
a)	For depth upto 5 ft. (1.5 m.).	Sq.m. Sq.ft..	54.60 5.05	106.00 9.85	
b)	For depth below 5 ft. to 10 ft. (1.5 m to 3.0 m.)	Sq.m. Sq.ft..	62.40 5.80	117.71 10.95	
c)	For depth below 10 ft. to 15 ft. (3.0 m to 4.5 m.)	Sq.m. Sq.ft..	70.20 6.50	161.25 15.00	
d)	For depth below 15 ft. to 20 ft. (4.5 m to 6 m.)	Sq.m. Sq.ft..	78.00 7.25	181.60 16.90	
3-44	Providing and fixing open shuttering and timbering for excavation in open cutting for sewers and manholes as shown in drawings and removing of timbering after completion of job.				3.8.4 (iii)
a)	For depth upto 5 ft. (1.5 m.).	Sq.m. Sq.ft..	54.60 5.05	81.16 7.55	
b)	For depth below 5 ft. to 10 ft. (1.5 m to 3.0 m.)	Sq.m. Sq.ft..	62.40 5.80	92.45 8.60	
c)	For depth below 10 ft. to 15 ft. (3.0 m to 4.5 m.)	Sq.m. Sq.ft..	70.20 6.50	125.23 11.65	
d)	For depth below 15 ft. to 20 ft. (4.5 m to 6 m.)	Sq.m. Sq.ft..	78.00 7.25	145.66 13.55	
3-45	Excavation in open cutting for sewer and manholes as shown in drawings below sub-soil water level to correct section and dimension according to templates and levels including shoring, timbering and shuttering of M.S. sheets on both sides of the trenches.				3.5 3.8.4
a)	Upto 4 ft. (1.25 m) depth below S.S.W.L.	Cu.m. Cu.ft..	371.25 10.50	546.35 15.45	
b)	Below 4 ft. to 8 ft. (1.25 m to 2.50 m) depth below S	Cu.m. Cu.ft..	556.90 15.75	731.95 20.75	

Sr. No.	Description	Unit	Rate (Rs.)		Ref. Tech. Specs.
			Labour	Composite	
c)	Exceeding below 8 ft. (2.5 m.) depth below S.S.W.L.	Cu.m. Cu.ft..	742.50 21.05	917.60 26.00	
3-46	Earthwork excavation in irrigation channels, drains etc. upto 10 ft. (3m) depth to designed section, grades and profiles, excavated material disposed off and dressed within 50 ft. (15m) lead.				3.5
a)	Sand	Cu.m. Cu.ft..	168.75 4.80	168.75 4.80	
b)	Ordinary soil	Cu.m. Cu.ft..	225.00 6.35	225.00 6.35	
c)	Hard soil	Cu.m. Cu.ft..	281.25 7.95	281.25 7.95	
d)	Shingle or gravel	Cu.m. Cu.ft..	534.40 15.15	534.40 15.15	
e)	Rock	Cu.m. Cu.ft..	618.75 17.50	618.75 17.50	
3-47	Cutting and removing trees within a distance of 100 ft.				3.10.2 3.10.5
a)	Upto 2.5 ft. (0.75 m.) girth	Each	473.25	473.25	
b)	Above 2.5 ft. to 6 ft. (0.75 m to 1.8 m.) girth	Each	925.30	925.30	
3-48	Up-rooting & removing stumps upto 100 ft.(30m) from 1.5 ft. to 6 ft. (0.50m to 1.75m) girth.	Each	613.80	613.80	3.10.1
3-49	Jungle clearance and removing upto 100 ft. (30m.)				3.10.3
a)	Light	Sq.m. Sq.ft..	1.15 0.10	1.15 0.10	3.10.4
b)	Thick	Sq.m. Sq.ft..	2.16 0.20	2.16 0.20	
3-50	Uprooting sarkanda growth & disposal upto 100 ft. (30 m.)	Sq.m. Sq.ft..	9.00 0.85	9.00 0.85	3.10.2
3-51	Ploughing three (3) times.	Per Hec. Per Acre	1,495.00 605.00	1,495.00 605.00	
3-52	Levelling, dressing & making lawns.	Sq.m. Sq.ft..	38.25 3.55	38.25 3.55	
3-53	Turfing lawns (excluding cost of truf).	Sq.m. Sq.ft..	32.65 3.05	32.65 3.05	
3-54	Clearing jungle by cutting, removing all shrubs, trees and taking out entire roots and filling the hollows with earth, dressing, consolidating and watering the filling including stacking the serviceable material and disposal of unserviceable material lead upto 1000 ft. (300 m)	Sq.m. Sq.ft..	19.25 1.80	19.25 1.80	3.10.2

Sr. No.	Description	Unit	Rate (Rs.)		Ref. Tech. Specs.
			Labour	Composite	
3-55	Levelling and dressing the ground by cutting and filling earth upto 6 inches (150mm) in depth including consolidating and watering.	Sq.m. Sq.ft..	17.75 1.65	17.75 1.65	3.10
3-56	Cutting to a required gradient in all kinds of soil and disposing the same, levelling, dressing, watering and consolidation lead upto 100ft. (30m).	Cu.m. Cu.ft..	398.75 11.30	398.75 11.30	3.10
3-57	Cutting to a required gradient in all kinds of soil and disposing the same, levelling, dressing but without watering and consolidation lead upto 100 ft. (30m)	Cu.m. Cu.ft..	210.23 5.95	210.23 5.95	3.10
3-58	Providing turf only	Sq.m	207.80	207.80	29.3.5
3-59	Spraying anti-termite chemical Biflex or equivalent mixed with water in the ratio of 1:40	Sq.m. Sq.ft.	32.30 3.00	189.00 17.55	3.16
3-60	Excavation of trenches in all kinds of soil, except cutting rock, for water supply pipe lines upto 5 ft. (1.5m) depth from ground level, including trimming, dressing sides, levelling the beds of trenches to correct grade and cutting pits for joints, etc. complete in all respects including cost of back filling. Laying of pipes 1 inch to 12 inch of any size				
a)	Two coats of hot bitumen soaked with hessian cloth, 1.25kg of bitumen per square meter.	Cu.m. Cu.ft..	250.35 7.10	395.55 11.30	
b)	without any coating	Cu.m. Cu.ft..	238.36 6.76	262.2 7.43	
3-61	Transportation of earth all types when total distance, including the lead covered in the item ofwork, is more				
a)	upto 1/4 mile (400 m).	Cu.m. Cu.ft..	93.3 2.64	93.3 2.64	
b)	for every 1/4 mile (400 m) additional lead or part thereof, beyond one mile (1.6 Km.) upto 5 miles (8	Cu.m. Cu.ft..	18 0.51	18 0.51	
c)	for every 1/2 mile (800 m) additional lead or part thereof, beyond 5 miles (8 Km.)	Cu.m. Cu.ft..	15 0.43	15 0.43	