

OWNING AND OPERATING RATES FOR PLANT AND EQUIPMENT

Codes	Description	Unit	Attock			Bahawalnagar		
			Owning Cost	Operating Cost	Total Cost	Owning Cost	Operating Cost	Total Cost
PE-001	Bulldozer-264 HP (Crawler Dozer-Track Type) with Blade Capacity 7 cum	Rs/Hr	4537.37	10996.69	15534.06	4515.31	10996.69	15512
PE-002	Bulldozer-200 HP (Crawler Dozer-Track Type) with Blade Capacity 4.4 cum	Rs/Hr	3030.71	8999.19	12029.9	3014.43	8999.19	12013.62
PE-003	Bulldozer-130 HP (Crawler Dozer-Track Type) with Blade Capacity 2.7 cum	Rs/Hr	2758.91	7057.14	9816.05	2749.22	7057.14	9806.36
PE-004	Wheel Loader 187HP with Bucket Capacity 3.3 cum	Rs/Hr	3612.09	7473.47	11085.56	3599.29	7473.47	11072.76
PE-005	Wheel Loader 166 HP with Bucket Capacity 2.8 cum	Rs/Hr	2851.57	6511.91	9363.48	2840.92	6511.91	9352.83
PE-006	Wheel Loader 135 HP with Bucket Capacity 1.90 cum	Rs/Hr	2655.25	5472.45	8127.7	2646.82	5472.45	8119.27
PE-008	Dumper loading Capacity 18 T	Rs/Hr	1520.88	3265.27	4786.15	1510.37	3265.27	4775.64
PE-009	Dumper loading Capacity 10 T	Rs/Hr	898.47	3064.61	3963.08	892.33	3064.61	3956.94
PE-010	Excavator (Track Type) 100 HP	Rs/Hr	2359.39	7955.64	10315.03	2342.54	7955.64	10298.18
PE-011	Compressor 300 CFM	Rs/Hr	413.93	7411.39	7825.32	412.34	7411.39	7823.73
PE-012	Rock Driller -Pneumatic-plug	Rs/Hr	21.6	612.21	633.81	21.58	612.2	633.78
PE-013	Electric Saw	Rs/Hr	1.38	575.15	576.53	1.38	575.15	576.53
PE-014	Petrol Motorized Chain Saw	Rs/Hr	8.84	714.2	723.04	8.84	714.2	723.04
PE-015	Electric Breaker (Demolition Hammer)	Rs/Hr	15.7	577.47	593.17	15.67	577.47	593.14
PE-016	Plate Compactor	Rs/Hr	86.81	1063.27	1150.08	86.41	1063.12	1149.53
PE-017	Pugmill 40 Tons per hour	Rs/Hr	1410.48	8928.24	10338.72	1257.85	8928.24	10186.09
PR-018	Combination Roller 18 T Single drum Pad/Sheep Foot Compactor	Rs/Hr	2214.64	6626.68	8841.32	2205.29	6626.57	8831.86
PR-019	Combination Roller 12 T (Single drum Pad/Sheep Foot Compactor)	Rs/Hr	1486.91	5171.44	6658.35	1477.83	5171.34	6649.17
PR-020	Combination Roller 8T (Single drum Pad/Sheep Foot Compactor)	Rs/Hr	1406.07	5124.01	6530.08	1397.48	5123.92	6521.4
PE-021	Excavator (Track Type) 168 HP with Bucket Capacity 0.8 cum	Rs/Hr	2591.53	8327.03	10918.56	2573.49	8327.03	10900.52
PE-022	Excavator (Track Type) 250 HP with Bucket Capacity 1.4 cum	Rs/Hr	2912.35	11007.26	13919.61	2887.86	11007.26	13895.12
PE-023	Excavator (Track Type) 345 HP with Bucket Capacity 2.2 cum	Rs/Hr	3487.81	13951.86	17439.67	3454.93	13951.86	17406.79
PE-024	Jack Hammer side type for Excavator (Track Type) 168 HP with Bucket Capacity 0.9 cum	Rs/Hr	145.36	518.73	664.09	143.06	516.69	659.75
PE-025	Jack Hammer side type for Excavator (Track Type) 265/340 HP with Bucket Capacity 1.6/2.3 cum	Rs/Hr	302.97	659.01	961.98	299.03	655.5	954.53
PS-026	Pipe Layer with lifting weight upto 25 Ton	Rs/Hr	2268.91	8384.47	10653.38	2247.25	8384.47	10631.72
PR-031	Motor Grader 250HP with Blade length 4.32m	Rs/Hr	4017.04	9804.54	13821.58	4001.83	9804.54	13806.37
PR-032	Motor Grader 218HP with Blade length 4.32m	Rs/Hr	3512.19	8032.74	11544.93	3499.63	8032.74	11532.37
PR-033	Tandem Roller 12 T	Rs/Hr	1781.84	4811.96	6593.8	1772.79	4811.86	6584.65
PR-034	Tandem Roller 8 T	Rs/Hr	1276.34	4547.98	5824.32	1269.05	4547.9	5816.95
PR-035	Tandem Roller 6 T	Rs/Hr	1180.53	2874.34	4054.87	1173.24	2874.26	4047.5
PR-036	Tandem Roller 1.50 T	Rs/Hr	424.07	2197.13	2621.2	422.73	2197.11	2619.84
PR-037	Combination Roller 18 T Single drum Plain Compactor	Rs/Hr	2016.43	5889.33	7905.76	2007.08	5889.33	7896.41
PR-038	Combination Roller 12 T (Single drum Plain Compactor)	Rs/Hr	1354.77	5154.84	6509.61	1345.69	5154.74	6500.43
PR-039	Combination Roller 8T (Single drum Plain Compactor)	Rs/Hr	1281.12	5113.26	6394.38	1272.52	5113.17	6385.69
PR-040	P.T.R. (8 - Wheeler) 24 T	Rs/Hr	1450.75	4667.17	6117.92	1431.84	4667.07	6098.91
PR-041	P.T.R. (8 - Wheeler) 18 T	Rs/Hr	1354.94	4596.3	5951.24	1336.03	4596.3	5932.33
PR-043	Tandem Roller 10 T	Rs/Hr	1392.72	4732	6124.72	1385.26	4731.91	6117.17
PR-044	Power Broom	Rs/Hr	31.11	417.05	448.16	25.69	412.23	437.92
PR-045	Bitumen Dist. Tow Type 2000 Liter	Rs/Hr	207.84	1309.19	1517.03	205.79	1309.19	1514.98
PR-046	Bitumen Sprayer (Manual) 250 gallon	Rs/Hr	26.47	615.11	641.58	23.84	614.08	637.92
PR-047	Chip Spreader up to 3M Wide (attachment)	Rs/Hr	294.06	1429.3	1723.36	285	1425.76	1710.76
PR-048	Asphalt Plant 140 T	Rs/Hr	22477.29	29421.15	51898.44	22324.67	29344.84	51669.51
PR-049	Asphalt Plant 120 T	Rs/Hr	21700.8	27098.92	48799.72	21605.77	27051.4	48657.17
PR-050	Asphalt Plant 40 T	Rs/Hr	4811.39	13108.25	17919.64	4738.04	13071.58	17809.62
PR-051	Asphalt Plant 20 T	Rs/Hr	3821.46	6398.57	10220.03	3770.75	6373.22	10143.97
PR-052	Asphalt Paver basic width 3m,max 5.9m Wide	Rs/Hr	7657.02	13398.52	21055.54	7643.16	13391.59	21034.75
PR-053	Asphalt Paver (width 2.4-4.7 m)	Rs/Hr	7257.58	13465.64	20723.22	7245.68	13459.69	20705.37
PR-054	Cold Milling Machine 2 M Wide	Rs/Hr	6005.81	14074.1	20079.91	5972.43	14074.1	20046.53
PR-055	Hand Push high Pressure Cold and Rubber Paint Marking Machine	Rs/Hr	533.17	974.23	1507.4	530.88	974.23	1505.11
PR-056	Aggregate Spreader Up to 3M Wide	Rs/Hr	7257.58	13465.64	20723.22	7245.68	13459.69	20705.37
PR-057	Asphalt Cutter	Rs/Hr	19.8	583.06	602.86	19.65	583.06	602.71
PR-058	Rock Crushing & Screening (200 T/Hr)	Rs/Hr	9943.29	5769.62	15712.91	9844.82	5735.16	15579.98
PR-060	Asphalt Recycling Machine 0 to 60mm depth - 3 to 4m width 120 tons/hr	Rs/Hr	36497.77	19696.89	56194.66	36441.18	19696.89	56138.07
PR-061	Hand Push Thermoplastic Road Marking Machine with double cylinder preheater	Rs/Hr	1034.12	1692.14	2726.26	1014.81	1692.14	2706.95
PR-062	Cordless Drill Machine	Rs/Hr	1.67	571.14	572.81	1.67	571.14	572.81
PR-063	Crawler Rock driller	Rs/Hr	2532.58	8121.13	10653.71	2523.91	8121.13	10645.04
PS-064	Grouting Machine(electric) out put 3.6 cum/hr	Rs/Hr	52.38	1294.79	1347.17	51.64	1294.79	1346.43
PS-065	Hydraulic jack with pump upto 2000 Ton	Rs/Hr	467.9	1328.28	1796.18	462.98	1328.28	1791.26
PR-066	Guard Rail Pile Driver Machine	Rs/Hr	269.94	2048.14	2318.08	256.06	2048.14	2304.2
PS-071	Concrete Batching Plant 25m3/hr	Rs/Hr	5300.51	5821.45	11121.96	5280.82	5814.56	11095.38
PS-072	Concrete Static Mixer 1 Cum	Rs/Hr	878.44	1178.91	2057.35	868.6	1175.46	2044.06
PS-073	Concrete Static Mixer 1/4 Cum	Rs/Hr	81.29	1062.41	1143.7	71.45	1058.97	1130.42
PS-074	Concrete Transit Mixer 6 Cum	Rs/Hr	2413.99	3099.33	5513.32	2402.17	3099.33	5501.5
PS-075	Concrete Transit Mixer 4 Cum	Rs/Hr	1478.66	2712.08	4190.74	1468.82	2712.08	4180.9
PS-076	Stressing Equipment for 6500 KN force with electric power	Rs/Hr	219.9	1346.29	1566.19	217.89	1346.29	1564.18
PS-077	Concrete Cutter	Rs/Hr	19.8	583.06	602.86	19.65	583.06	602.71
PS-078	Piling Rig (dia up to 1m)	Rs/Hr	13559.16	16219.04	29778.2	13244.07	16061.5	29305.57
PS-079	Piling Rig (Dia 1m to 2m)	Rs/Hr	29060.78	28945.36	58006.14	28924.5	28877.22	57801.72

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PS-080	Vibrator (Poker 1.5 ")	Rs/Hr	4.5	661.12	665.62	4.49	661.12	665.61
PS-081	Percussion Boring Rig (Diesel)	Rs/Hr	2643.96	10355.62	12999.58	2565.19	10316.24	12881.43
PS-082	Concrete Pump 33 m with tuck chassis	Rs/Hr	2926.73	16456.58	19383.31	2745.55	16365.99	19111.54
PS-083	Girder Launcher (Erecting Capacity max 200 ton)	Rs/Hr	6993.69	5271.45	12265.14	6737.41	5171.5	11908.91
PS-084	Tripod & Chain Pulley (20 Ton)	Rs/Hr	119.05	889.85	1008.9	103.29	889.85	993.14
PS-085	Shotcrete Machine 5-8 cum/hr	Rs/Hr	391.34	2387.93	2779.27	389.35	2387.15	2776.5
PS-086	Concrete Slip form Paver 2 to 6m for Road Pavement	Rs/Hr	13354.84	15157.7	28512.54	13323.33	15157.7	28481.03
PS-087	Concrete Slip form Paver for Barrier,curbs,sidewalk up to 3 m	Rs/Hr	5881.33	8856.69	14738.02	5852.18	8856.69	14708.87
PR-088	Asphalt Static Mixer 1 Cum	Rs/Hr	684.08	1110.88	1794.96	674.23	1107.43	1781.66
PS-089	Straight Rotary machine up to 250 mm dia with all tools	Rs/Hr	144.32	1672.5	1816.82	136.45	1661.56	1798.01
PX-090	Submersible Slug Pump with 65 ft Head	Rs/Hr	15.61	96.76	112.37	15.52	96.73	112.25
PX-091	Tractor 80 HP	Rs/Hr	169.46	2961.34	3130.8	166.45	2961.34	3127.79
PX-092	Tractor 50 HP	Rs/Hr	68.42	1891.02	1959.44	66.8	1891.02	1957.82
PX-093	Water Tank Bowser Type 12000 Liter	Rs/Hr	686.1	5990.05	6676.15	668.37	5990.05	6658.42
PX-094	Water Tank Tow Type 4000 Liter (Including Tractor)	Rs/Hr	176.72	2038.92	2215.64	168.19	2038.92	2207.11
PX-095	Flat Body Truck pay load upto 8 ton	Rs/Hr	377.59	5505.26	5882.85	373.18	5505.26	5878.44
PX-096	Sedan Car 1300 cc	Rs/Hr	253.49	2158.92	2412.41	252.23	2158.92	2411.15
PX-097	Sedan Car 1000 cc	Rs/Hr	202.86	1458.93	1661.79	201.84	1458.93	1660.77
PX-098	Pickup 2800 cc 4 x 4	Rs/Hr	645.23	2673.84	3319.07	643.23	2673.84	3317.07
PX-099	Pickup 2200 cc 4 x 2	Rs/Hr	358.01	1814.71	2172.72	356.01	1814.71	2170.72
PX-100	Pickup 800 cc 4 x 2	Rs/Hr	101.76	897.22	998.98	101.12	897.22	998.34
PX-101	Jeep 1300 cc 4 x 4	Rs/Hr	416.82	1543.17	1959.99	416.03	1543.17	1959.2
PX-102	Trailer Low Bed 30 ton	Rs/Hr	951.59	6560.08	7511.67	941.2	6560.08	7501.28
PX-103	Crane up to 55 Ton	Rs/Hr	3069.32	10577.52	13646.84	3036.33	10577.52	13613.85
PX-104	Crane Upto 25 ton	Rs/Hr	1936.15	9377.53	11313.68	1910.24	9377.53	11287.77
PX-105	Electric Diaphragm Pump	Rs/Hr	29.5	139.12	168.62	29	138.93	167.93
PX-106	Sand Blasting Machine	Rs/Hr	309.57	1000.41	1309.98	308.94	1000.41	1309.35
PX-107	Dump Truck 30 ton (18 cum)	Rs/Hr	2042.44	10297.72	12340.16	2032.98	10297.72	12330.7
PX-108	Tractor with Trolley (8 ton)	Rs/Hr	166.59	2674.13	2840.72	164.33	2674.13	2838.46
PX-109	Welding Plant	Rs/Hr	3.04	98.73	101.77	2.95	98.69	101.64
PX-110	Generator (Diesel) 150 kVa	Rs/Hr	171.39	7476.49	7647.88	169.8	7475.87	7645.67
PX-111	Generator (Diesel) 250 kVa	Rs/Hr	305.93	11135.71	11441.64	303.69	11134.84	11438.53
PX-112	Diesel Tanker 25000 Liter with Pump	Rs/Hr	688.55	7619.57	8308.12	660.98	7619.57	8280.55
PX-113	Forging /Shape Machine	Rs/Hr	32.28	659.9	692.18	31.79	659.9	691.69
PX-114	Generator (Diesel) 50 KVA	Rs/Hr	89.91	2712	2801.91	89.11	2711.69	2800.8
PX-115	Diesel Tanker 12000 Liter with Pump	Rs/Hr	355.97	4151.56	4507.53	336.27	4151.56	4487.83
PX-116	Diesel Tanker 5000 Liter with Pump	Rs/Hr	272.39	3218.56	3490.95	262.81	3218.56	3481.37
PX-117	Diesel Generator 20 KVA	Rs/Hr	65.11	2069.86	2134.97	64.58	2069.65	2134.23
PX-118	Diesel Generator 5 KVA	Rs/Hr	13.48	1030.93	1044.41	13.41	1030.9	1044.31
PX-119	Steel Rolling Machine	Rs/Hr	86.24	418.14	504.38	83.09	416.92	500.01
PX-120	Diesel Generator 13 KVA	Rs/Hr	63.09	1496.38	1559.47	63.02	1496.35	1559.37

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Codes	Description	Unit	Bahawalpur			Bhakkar		
			Owning Cost	Operating Cost	Total Cost	Owning Cost	Operating Cost	Total Cost
PE-001	Bulldozer-264 HP (Crawler Dozer-Track Type) with Blade Capacity 7 cum	Rs/Hr	4506.32	10996.69	15503.01	4517.4	10996.69	15514.09
PE-002	Bulldozer-200 HP (Crawler Dozer-Track Type) with Blade Capacity 4.4 cum	Rs/Hr	3007.79	8999.19	12006.98	3015.97	8999.19	12015.16
PE-003	Bulldozer-130 HP (Crawler Dozer-Track Type) with Blade Capacity 2.7 cum	Rs/Hr	2745.27	7057.14	9802.41	2750.14	7057.14	9807.28
PE-004	Wheel Loader 187HP with Bucket Capacity 3.3 cum	Rs/Hr	3594.07	7473.47	11067.54	3600.51	7473.47	11073.98
PE-005	Wheel Loader 166 HP with Bucket Capacity 2.8 cum	Rs/Hr	2836.58	6511.91	9348.49	2841.93	6511.91	9353.84
PE-006	Wheel Loader 135 HP with Bucket Capacity 1.90 cum	Rs/Hr	2643.39	5472.45	8115.84	2647.62	5472.45	8120.07
PE-008	Dumper loading Capacity 18 T	Rs/Hr	1506.09	3265.27	4771.36	1511.37	3265.27	4776.64
PE-009	Dumper loading Capacity 10 T	Rs/Hr	889.82	3064.61	3954.43	892.91	3064.61	3957.52
PE-010	Excavator (Track Type) 100 HP	Rs/Hr	2335.68	7955.64	10291.32	2344.14	7955.64	10299.78
PE-011	Compressor 300 CFM	Rs/Hr	411.7	7411.39	7823.09	412.49	7411.39	7823.88
PE-012	Rock Driller -Pneumatic-plug	Rs/Hr	21.57	612.19	633.76	21.58	612.2	633.78
PE-013	Electric Saw	Rs/Hr	1.38	575.15	576.53	1.38	575.15	576.53
PE-014	Petrol Motorized Chain Saw	Rs/Hr	8.84	714.2	723.04	8.84	714.2	723.04
PE-015	Electric Breaker (Demolition Hammer)	Rs/Hr	15.66	577.47	593.13	15.68	577.47	593.15
PE-016	Plate Compactor	Rs/Hr	86.24	1063.05	1149.29	86.45	1063.13	1149.58
PE-017	Pugmill 40 Tons per hour	Rs/Hr	1195.65	8928.24	10123.89	1272.32	8928.24	10200.56
PR-018	Combination Roller 18 T Single drum Pad/Sheep Foot Compactor	Rs/Hr	2201.49	6626.53	8828.02	2206.18	6626.58	8832.76
PR-019	Combination Roller 12 T (Single drum Pad/Sheep Foot Compactor)	Rs/Hr	1474.13	5171.3	6645.43	1478.69	5171.35	6650.04
PR-020	Combination Roller 8T (Single drum Pad/Sheep Foot Compactor)	Rs/Hr	1393.98	5123.88	6517.86	1398.29	5123.92	6522.21
PE-021	Excavator (Track Type) 168 HP with Bucket Capacity 0.8 cum	Rs/Hr	2566.14	8327.03	10893.17	2575.2	8327.03	10902.23
PE-022	Excavator (Track Type) 250 HP with Bucket Capacity 1.4 cum	Rs/Hr	2877.87	11007.26	13885.13	2890.18	11007.26	13897.44
PE-023	Excavator (Track Type) 345 HP with Bucket Capacity 2.2 cum	Rs/Hr	3441.53	13951.86	17393.39	3458.05	13951.86	17409.91
PE-024	Jack Hammer side type for Excavator (Track Type) 168 HP with Bucket Capacity 0.9 cum	Rs/Hr	142.12	515.85	657.97	143.28	516.88	660.16
PE-025	Jack Hammer side type for Excavator (Track Type) 265/340 HP with Bucket Capacity 1.6/2.3 cum	Rs/Hr	297.42	654.07	951.49	299.4	655.83	955.23
PS-026	Pipe Layer with lifting weight upto 25 Ton	Rs/Hr	2238.42	8384.47	10622.89	2249.3	8384.47	10633.77
PR-031	Motor Grader 250HP with Blade length 4.32m	Rs/Hr	3995.64	9804.54	13800.18	4003.28	9804.54	13807.82
PR-032	Motor Grader 218HP with Blade length 4.32m	Rs/Hr	3494.51	8032.74	11527.25	3500.82	8032.74	11533.56
PR-033	Tandem Roller 12 T	Rs/Hr	1769.09	4811.82	6580.91	1773.64	4811.87	6585.51
PR-034	Tandem Roller 8 T	Rs/Hr	1266.08	4547.87	5813.95	1269.74	4547.91	5817.65
PR-035	Tandem Roller 6 T	Rs/Hr	1170.26	2874.23	4044.49	1173.93	2874.27	4048.2
PR-036	Tandem Roller 1.50 T	Rs/Hr	422.18	2197.1	2619.28	422.86	2197.11	2619.97
PR-037	Combination Roller 18 T Single drum Plain Compactor	Rs/Hr	2003.28	5889.33	7892.61	2007.97	5889.33	7897.3
PR-038	Combination Roller 12 T (Single drum Plain Compactor)	Rs/Hr	1341.99	5154.7	6496.69	1346.55	5154.75	6501.3
PR-039	Combination Roller 8T (Single drum Plain Compactor)	Rs/Hr	1269.02	5113.13	6382.15	1273.34	5113.18	6386.52
PR-040	P.T.R. (8 - Wheeler) 24 T	Rs/Hr	1424.14	4667.04	6091.18	1433.63	4667.08	6100.71
PR-041	P.T.R. (8 - Wheeler) 18 T	Rs/Hr	1328.32	4596.3	5924.62	1337.82	4596.3	5934.12
PR-043	Tandem Roller 10 T	Rs/Hr	1382.22	4731.88	6114.1	1385.97	4731.92	6117.89
PR-044	Power Broom	Rs/Hr	23.48	410.26	433.74	26.2	412.68	438.88
PR-045	Bitumen Dist. Tow Type 2000 Liter	Rs/Hr	204.96	1309.19	1514.15	205.99	1309.19	1515.18
PR-046	Bitumen Sprayer (Manual) 250 gallon	Rs/Hr	22.77	613.66	636.43	24.09	614.18	638.27
PR-047	Chip Spreader up to 3M Wide (attachment)	Rs/Hr	281.31	1424.32	1705.63	285.86	1426.1	1711.96
PR-048	Asphalt Plant 140 T	Rs/Hr	22262.46	29313.73	51576.19	22339.13	29352.07	51691.2
PR-049	Asphalt Plant 120 T	Rs/Hr	21567.05	27032.04	48599.09	21614.78	27055.91	48670.69
PR-050	Asphalt Plant 40 T	Rs/Hr	4708.14	13056.63	17764.77	4744.99	13075.05	17820.04
PR-051	Asphalt Plant 20 T	Rs/Hr	3750.08	6362.88	10112.96	3775.56	6375.62	10151.18
PR-052	Asphalt Paver basic width 3m,max 5.9m Wide	Rs/Hr	7637.51	13388.77	21026.28	7644.47	13392.25	21036.72
PR-053	Asphalt Paver (width 2.4-4.7 m)	Rs/Hr	7240.84	13457.27	20698.11	7246.81	13460.26	20707.07
PR-054	Cold Milling Machine 2 M Wide	Rs/Hr	5958.82	14074.1	20032.92	5975.59	14074.1	20049.69
PR-055	Hand Push high Pressure Cold and Rubber Paint Marking Machine	Rs/Hr	529.95	974.23	1504.18	531.1	974.23	1505.33
PR-056	Aggregate Spreader Up to 3M Wide	Rs/Hr	7240.84	13457.27	20698.11	7246.81	13460.26	20707.07
PR-057	Asphalt Cutter	Rs/Hr	19.59	583.06	602.65	19.66	583.06	602.72
PR-058	Rock Crushing & Screening (200 T/Hr)	Rs/Hr	9804.69	5721.11	15525.8	9854.16	5738.42	15592.58
PR-060	Asphalt Recycling Machine 0 to 60mm depth - 3 to 4m width 120 tons/hr	Rs/Hr	36418.11	19696.89	56115	36446.54	19696.89	56143.43
PR-061	Hand Push Thermoplastic Road Marking Machine with double cylinder preheater	Rs/Hr	1006.94	1692.14	2699.08	1016.64	1692.14	2708.78
PR-062	Cordless Drill Machine	Rs/Hr	1.67	571.14	572.81	1.67	571.14	572.81
PR-063	Crawler Rock driller	Rs/Hr	2520.38	8121.13	10641.51	2524.73	8121.13	10645.86
PS-064	Grouting Machine(electric) out put 3.6 cum/hr	Rs/Hr	51.34	1294.79	1346.13	51.71	1294.79	1346.5
PS-065	Hydraulic jack with pump upto 2000 Ton	Rs/Hr	460.97	1328.28	1789.25	463.44	1328.28	1791.72
PR-066	Guard Rail Pile Driver Machine	Rs/Hr	250.4	2048.14	2298.54	257.38	2048.14	2305.52
PS-071	Concrete Batching Plant 25m3/hr	Rs/Hr	5272.79	5811.75	11084.54	5282.68	5815.21	11097.89
PS-072	Concrete Static Mixer 1 Cum	Rs/Hr	864.58	1174.05	2038.63	869.53	1175.79	2045.32
PS-073	Concrete Static Mixer 1/4 Cum	Rs/Hr	67.43	1057.56	1124.99	72.38	1059.29	1131.67
PS-074	Concrete Transit Mixer 6 Cum	Rs/Hr	2397.36	3099.33	5496.69	2403.29	3099.33	5502.62
PS-075	Concrete Transit Mixer 4 Cum	Rs/Hr	1464.8	2712.08	4176.88	1469.75	2712.08	4181.83
PS-076	Stressing Equipment for 6500 KN force with electric power	Rs/Hr	217.07	1346.29	1563.36	218.08	1346.29	1564.37
PS-077	Concrete Cutter	Rs/Hr	19.59	583.06	602.65	19.66	583.06	602.72
PS-078	Piling Rig (dia up to 1m)	Rs/Hr	13115.64	15997.28	29112.92	13273.94	16076.43	29350.37
PS-079	Piling Rig (Dia 1m to 2m)	Rs/Hr	28868.96	28849.45	57718.41	28937.42	28883.68	57821.1

OWNING AND OPERATING RATES FOR PLANT AND EQUIPMENT

Codes	Description	Unit	Bahawalpur			Bhakkar		
			Owning Cost	Operating Cost	Total Cost	Owning Cost	Operating Cost	Total Cost
PS-080	Vibrator (Poker 1.5 ")	Rs/Hr	4.49	661.12	665.61	4.49	661.12	665.61
PS-081	Percussion Boring Rig (Diesel)	Rs/Hr	2533.08	10300.18	12833.26	2572.65	10319.97	12892.62
PS-082	Concrete Pump 33 m with tuck chassis	Rs/Hr	2671.7	16329.07	19000.77	2762.72	16374.58	19137.3
PS-083	Girder Launcher (Erecting Capacity max 200 ton)	Rs/Hr	6632.96	5130.76	11763.72	6761.7	5180.97	11942.67
PS-084	Tripod & Chain Pulley (20 Ton)	Rs/Hr	96.87	889.85	986.72	104.78	889.85	994.63
PS-085	Shotcrete Machine 5-8 cum/hr	Rs/Hr	388.54	2386.84	2775.38	389.54	2387.23	2776.77
PS-086	Concrete Slip form Paver 2 to 6m for Road Pavement	Rs/Hr	13310.48	15157.7	28468.18	13326.31	15157.7	28484.01
PS-087	Concrete Slip form Paver for Barrier,curbs,sidewalk up to 3 m	Rs/Hr	5840.3	8856.69	14696.99	5854.95	8856.69	14711.64
PR-088	Asphalt Static Mixer 1 Cum	Rs/Hr	670.22	1106.03	1776.25	675.16	1107.76	1782.92
PS-089	Straight Rotary machine up to 250 mm dia with all tools	Rs/Hr	133.24	1657.1	1790.34	137.19	1662.59	1799.78
PX-090	Submersible Slug Pump with 65 ft Head	Rs/Hr	15.47	96.71	112.18	15.52	96.73	112.25
PX-091	Tractor 80 HP	Rs/Hr	165.22	2961.34	3126.56	166.73	2961.34	3128.07
PX-092	Tractor 50 HP	Rs/Hr	66.13	1891.02	1957.15	66.95	1891.02	1957.97
PX-093	Water Tank Bowser Type 12000 Liter	Rs/Hr	661.15	5990.05	6651.2	670.05	5990.05	6660.1
PX-094	Water Tank Tow Type 4000 Liter (Including Tractor)	Rs/Hr	164.72	2038.92	2203.64	169	2038.92	2207.92
PX-095	Flat Body Truck pay load upto 8 ton	Rs/Hr	371.38	5505.26	5876.64	373.6	5505.26	5878.86
PX-096	Sedan Car 1300 cc	Rs/Hr	251.72	2158.92	2410.64	252.35	2158.92	2411.27
PX-097	Sedan Car 1000 cc	Rs/Hr	201.43	1458.93	1660.36	201.94	1458.93	1660.87
PX-098	Pickup 2800 cc 4 x 4	Rs/Hr	642.42	2673.84	3316.26	643.42	2673.84	3317.26
PX-099	Pickup 2200 cc 4 x 2	Rs/Hr	355.2	1814.71	2169.91	356.2	1814.71	2170.91
PX-100	Pickup 800 cc 4 x 2	Rs/Hr	100.86	897.22	998.08	101.18	897.22	998.4
PX-101	Jeep 1300 cc 4 x 4	Rs/Hr	415.71	1543.17	1958.88	416.11	1543.17	1959.28
PX-102	Trailer Low Bed 30 ton	Rs/Hr	936.96	6560.08	7497.04	942.18	6560.08	7502.26
PX-103	Crane up to 55 Ton	Rs/Hr	3022.89	10577.52	13600.41	3039.46	10577.52	13616.98
PX-104	Crane Upto 25 ton	Rs/Hr	1899.68	9377.53	11277.21	1912.7	9377.53	11290.23
PX-105	Electric Diaphragm Pump	Rs/Hr	28.8	138.85	167.65	29.05	138.95	168
PX-106	Sand Blasting Machine	Rs/Hr	308.69	1000.41	1309.1	309	1000.41	1309.41
PX-107	Dump Truck 30 ton (18 cum)	Rs/Hr	2029.13	10297.72	12326.85	2033.88	10297.72	12331.6
PX-108	Tractor with Trolley (8 ton)	Rs/Hr	163.41	2674.13	2837.54	164.54	2674.13	2838.67
PX-109	Welding Plant	Rs/Hr	2.91	98.68	101.59	2.96	98.7	101.66
PX-110	Generator (Diesel) 150 kVa	Rs/Hr	169.15	7475.61	7644.76	169.95	7475.92	7645.87
PX-111	Generator (Diesel) 250 kVa	Rs/Hr	302.77	11134.48	11437.25	303.9	11134.92	11438.82
PX-112	Diesel Tanker 25000 Liter with Pump	Rs/Hr	649.74	7619.57	8269.31	663.59	7619.57	8283.16
PX-113	Forging /Shape Machine	Rs/Hr	31.59	659.9	691.49	31.84	659.9	691.74
PX-114	Generator (Diesel) 50 KVA	Rs/Hr	88.79	2711.56	2800.35	89.19	2711.72	2800.91
PX-115	Diesel Tanker 12000 Liter with Pump	Rs/Hr	328.25	4151.56	4479.81	338.14	4151.56	4489.7
PX-116	Diesel Tanker 5000 Liter with Pump	Rs/Hr	258.9	3218.56	3477.46	263.72	3218.56	3482.28
PX-117	Diesel Generator 20 KVA	Rs/Hr	64.36	2069.56	2133.92	64.63	2069.67	2134.3
PX-118	Diesel Generator 5 KVA	Rs/Hr	13.38	1030.89	1044.27	13.42	1030.9	1044.32
PX-119	Steel Rolling Machine	Rs/Hr	81.81	416.42	498.23	83.39	417.03	500.42
PX-120	Diesel Generator 13 KVA	Rs/Hr	62.99	1496.34	1559.33	63.03	1496.36	1559.39

OWNING AND OPERATING RATES FOR PLANT AND EQUIPMENT

Codes	Description	Unit	Chakwal			Chiniot		
			Owning Cost	Operating Cost	Total Cost	Owning Cost	Operating Cost	Total Cost
PE-001	Bulldozer-264 HP (Crawler Dozer-Track Type) with Blade Capacity 7 cum	Rs/Hr	4533.6	10996.69	15530.29	4524.61	10996.69	15521.3
PE-002	Bulldozer-200 HP (Crawler Dozer-Track Type) with Blade Capacity 4.4 cum	Rs/Hr	3027.93	8999.19	12027.12	3021.29	8999.19	12020.48
PE-003	Bulldozer-130 HP (Crawler Dozer-Track Type) with Blade Capacity 2.7 cum	Rs/Hr	2757.26	7057.14	9814.4	2753.31	7057.14	9810.45
PE-004	Wheel Loader 187HP with Bucket Capacity 3.3 cum	Rs/Hr	3609.91	7473.47	11083.38	3604.69	7473.47	11078.16
PE-005	Wheel Loader 166 HP with Bucket Capacity 2.8 cum	Rs/Hr	2849.75	6511.91	9361.66	2845.41	6511.91	9357.32
PE-006	Wheel Loader 135 HP with Bucket Capacity 1.90 cum	Rs/Hr	2653.81	5472.45	8126.26	2650.38	5472.45	8122.83
PE-008	Dumper loading Capacity 18 T	Rs/Hr	1519.09	3265.27	4784.36	1514.8	3265.27	4780.07
PE-009	Dumper loading Capacity 10 T	Rs/Hr	897.42	3064.61	3962.03	894.92	3064.61	3959.53
PE-010	Excavator (Track Type) 100 HP	Rs/Hr	2356.52	7955.64	10312.16	2349.65	7955.64	10305.29
PE-011	Compressor 300 CFM	Rs/Hr	413.66	7411.39	7825.05	413.01	7411.39	7824.4
PE-012	Rock Driller -Pneumatic-plug	Rs/Hr	21.59	612.2	633.79	21.59	612.2	633.79
PE-013	Electric Saw	Rs/Hr	1.38	575.15	576.53	1.38	575.15	576.53
PE-014	Petrol Motorized Chain Saw	Rs/Hr	8.84	714.2	723.04	8.84	714.2	723.04
PE-015	Electric Breaker (Demolition Hammer)	Rs/Hr	15.69	577.47	593.16	15.68	577.47	593.15
PE-016	Plate Compactor	Rs/Hr	86.74	1063.25	1149.99	86.58	1063.18	1149.76
PE-017	Pugmill 40 Tons per hour	Rs/Hr	1384.44	8928.24	10312.68	1322.23	8928.24	10250.47
PR-018	Combination Roller 18 T Single drum Pad/Sheep Foot Compactor	Rs/Hr	2213.04	6626.66	8839.7	2209.23	6626.62	8835.85
PR-019	Combination Roller 12 T (Single drum Pad/Sheep Foot Compactor)	Rs/Hr	1485.36	5171.42	6656.78	1481.66	5171.38	6653.04
PR-020	Combination Roller 8T (Single drum Pad/Sheep Foot Compactor)	Rs/Hr	1404.61	5123.99	6528.6	1401.1	5123.96	6525.06
PE-021	Excavator (Track Type) 168 HP with Bucket Capacity 0.8 cum	Rs/Hr	2588.45	8327.03	10915.48	2581.1	8327.03	10908.13
PE-022	Excavator (Track Type) 250 HP with Bucket Capacity 1.4 cum	Rs/Hr	2908.17	11007.26	13915.43	2898.19	11007.26	13905.45
PE-023	Excavator (Track Type) 345 HP with Bucket Capacity 2.2 cum	Rs/Hr	3482.2	13951.86	17434.06	3468.8	13951.86	17420.66
PE-024	Jack Hammer side type for Excavator (Track Type) 168 HP with Bucket Capacity 0.9 cum	Rs/Hr	144.96	518.38	663.34	144.03	517.55	661.58
PE-025	Jack Hammer side type for Excavator (Track Type) 265/340 HP with Bucket Capacity 1.6/2.3 cum	Rs/Hr	302.3	658.41	960.71	300.69	656.98	957.67
PS-026	Pipe Layer with lifting weight upto 25 Ton	Rs/Hr	2265.21	8384.47	10649.68	2256.38	8384.47	10640.85
PR-031	Motor Grader 250HP with Blade length 4.32m	Rs/Hr	4014.44	9804.54	13818.98	4008.25	9804.54	13812.79
PR-032	Motor Grader 218HP with Blade length 4.32m	Rs/Hr	3510.05	8032.74	11542.79	3504.93	8032.74	11537.67
PR-033	Tandem Roller 12 T	Rs/Hr	1780.3	4811.94	6592.24	1776.61	4811.9	6588.51
PR-034	Tandem Roller 8 T	Rs/Hr	1275.1	4547.97	5823.07	1272.13	4547.93	5820.06
PR-035	Tandem Roller 6 T	Rs/Hr	1179.29	2874.33	4053.62	1176.31	2874.3	4050.61
PR-036	Tandem Roller 1.50 T	Rs/Hr	423.84	2197.13	2620.97	423.29	2197.12	2620.41
PR-037	Combination Roller 18 T Single drum Plain Compactor	Rs/Hr	2014.83	5889.33	7904.16	2011.02	5889.33	7900.35
PR-038	Combination Roller 12 T (Single drum Plain Compactor)	Rs/Hr	1353.22	5154.82	6508.04	1349.52	5154.78	6504.3
PR-039	Combination Roller 8T (Single drum Plain Compactor)	Rs/Hr	1279.65	5113.25	6392.9	1276.15	5113.21	6389.36
PR-040	P.T.R. (8 - Wheeler) 24 T	Rs/Hr	1447.52	4667.15	6114.67	1439.82	4667.11	6106.93
PR-041	P.T.R. (8 - Wheeler) 18 T	Rs/Hr	1351.71	4596.3	5948.01	1344	4596.3	5940.3
PR-043	Tandem Roller 10 T	Rs/Hr	1391.45	4731.98	6123.43	1388.41	4731.95	6120.36
PR-044	Power Broom	Rs/Hr	30.18	416.22	446.4	27.97	414.26	442.23
PR-045	Bitumen Dist. Tow Type 2000 Liter	Rs/Hr	207.49	1309.19	1516.68	206.66	1309.19	1515.85
PR-046	Bitumen Sprayer (Manual) 250 gallon	Rs/Hr	26.02	614.93	640.95	24.95	614.51	639.46
PR-047	Chip Spreader up to 3M Wide (attachment)	Rs/Hr	292.51	1428.69	1721.2	288.82	1427.25	1716.07
PR-048	Asphalt Plant 140 T	Rs/Hr	22451.25	29408.13	51859.38	22389.04	29377.02	51766.06
PR-049	Asphalt Plant 120 T	Rs/Hr	21684.58	27090.81	48775.39	21645.85	27071.44	48717.29
PR-050	Asphalt Plant 40 T	Rs/Hr	4798.88	13102	17900.88	4768.98	13087.05	17856.03
PR-051	Asphalt Plant 20 T	Rs/Hr	3812.81	6394.25	10207.06	3792.14	6383.91	10176.05
PR-052	Asphalt Paver basic width 3m,max 5.9m Wide	Rs/Hr	7654.66	13397.34	21052	7649.01	13394.52	21043.53
PR-053	Asphalt Paver (width 2.4-4.7 m)	Rs/Hr	7255.55	13464.63	20720.18	7250.7	13462.2	20712.9
PR-054	Cold Milling Machine 2 M Wide	Rs/Hr	6000.11	14074.1	20074.21	5986.51	14074.1	20060.61
PR-055	Hand Push high Pressure Cold and Rubber Paint Marking Machine	Rs/Hr	532.78	974.23	1507.01	531.85	974.23	1506.08
PR-056	Aggregate Spreader Up to 3M Wide	Rs/Hr	7255.55	13464.63	20720.18	7250.7	13462.2	20712.9
PR-057	Asphalt Cutter	Rs/Hr	19.77	583.06	602.83	19.71	583.06	602.77
PR-058	Rock Crushing & Screening (200 T/Hr)	Rs/Hr	9926.49	5763.74	15690.23	9886.36	5749.69	15636.05
PR-060	Asphalt Recycling Machine 0 to 60mm depth - 3 to 4m width 120 tons/hr	Rs/Hr	36488.12	19696.89	56185.01	36465.05	19696.89	56161.94
PR-061	Hand Push Thermoplastic Road Marking Machine with double cylinder preheater	Rs/Hr	1030.83	1692.14	2722.97	1022.96	1692.14	2715.1
PR-062	Cordless Drill Machine	Rs/Hr	1.67	571.14	572.81	1.67	571.14	572.81
PR-063	Crawler Rock driller	Rs/Hr	2531.1	8121.13	10652.23	2527.57	8121.13	10648.7
PS-064	Grouting Machine(electric) out put 3.6 cum/hr	Rs/Hr	52.26	1294.79	1347.05	51.95	1294.79	1346.74
PS-065	Hydraulic jack with pump upto 2000 Ton	Rs/Hr	467.06	1328.28	1795.34	465.05	1328.28	1793.33
PR-066	Guard Rail Pile Driver Machine	Rs/Hr	267.58	2048.14	2315.72	261.92	2048.14	2310.06
PS-071	Concrete Batching Plant 25m3/hr	Rs/Hr	5297.15	5820.28	11117.43	5289.12	5817.47	11106.59
PS-072	Concrete Static Mixer 1 Cum	Rs/Hr	876.76	1178.32	2055.08	872.75	1176.91	2049.66
PS-073	Concrete Static Mixer 1/4 Cum	Rs/Hr	79.61	1061.82	1141.43	75.6	1060.42	1136.02
PS-074	Concrete Transit Mixer 6 Cum	Rs/Hr	2411.97	3099.33	5511.3	2407.16	3099.33	5506.49
PS-075	Concrete Transit Mixer 4 Cum	Rs/Hr	1476.98	2712.08	4189.06	1472.97	2712.08	4185.05
PS-076	Stressing Equipment for 6500 KN force with electric power	Rs/Hr	219.56	1346.29	1565.85	218.74	1346.29	1565.03
PS-077	Concrete Cutter	Rs/Hr	19.77	583.06	602.83	19.71	583.06	602.77
PS-078	Piling Rig (dia up to 1m)	Rs/Hr	13505.4	16192.16	29697.56	13376.98	16127.95	29504.93
PS-079	Piling Rig (Dia 1m to 2m)	Rs/Hr	29037.53	28933.74	57971.27	28981.98	28905.96	57887.94

OWNING AND OPERATING RATES FOR PLANT AND EQUIPMENT

Codes	Description	Unit	Chakwal			Chiniot		
			Owning Cost	Operating Cost	Total Cost	Owning Cost	Operating Cost	Total Cost
PS-080	Vibrator (Poker 1.5 ")	Rs/Hr	4.5	661.12	665.62	4.5	661.12	665.62
PS-081	Percussion Boring Rig (Diesel)	Rs/Hr	2630.52	10348.9	12979.42	2598.41	10332.85	12931.26
PS-082	Concrete Pump 33 m with tuck chassis	Rs/Hr	2895.82	16441.13	19336.95	2821.97	16404.2	19226.17
PS-083	Girder Launcher (Erecting Capacity max 200 ton)	Rs/Hr	6949.96	5254.39	12204.35	6845.51	5213.66	12059.17
PS-084	Tripod & Chain Pulley (20 Ton)	Rs/Hr	116.36	889.85	1006.21	109.94	889.85	999.79
PS-085	Shotcrete Machine 5-8 cum/hr	Rs/Hr	391	2387.8	2778.8	390.19	2387.48	2777.67
PS-086	Concrete Slip form Paver 2 to 6m for Road Pavement	Rs/Hr	13349.46	15157.7	28507.16	13336.62	15157.7	28494.32
PS-087	Concrete Slip form Paver for Barrier,curbs,sidewalk up to 3 m	Rs/Hr	5876.36	8856.69	14733.05	5864.48	8856.69	14721.17
PR-088	Asphalt Static Mixer 1 Cum	Rs/Hr	682.4	1110.29	1792.69	678.38	1108.88	1787.26
PS-089	Straight Rotary machine up to 250 mm dia with all tools	Rs/Hr	142.98	1670.64	1813.62	139.77	1666.18	1805.95
PX-090	Submersible Slug Pump with 65 ft Head	Rs/Hr	15.6	96.76	112.36	15.56	96.74	112.3
PX-091	Tractor 80 HP	Rs/Hr	168.95	2961.34	3130.29	167.72	2961.34	3129.06
PX-092	Tractor 50 HP	Rs/Hr	68.14	1891.02	1959.16	67.48	1891.02	1958.5
PX-093	Water Tank Bowser Type 12000 Liter	Rs/Hr	683.07	5990.05	6673.12	675.85	5990.05	6665.9
PX-094	Water Tank Tow Type 4000 Liter (Including Tractor)	Rs/Hr	175.26	2038.92	2214.18	171.79	2038.92	2210.71
PX-095	Flat Body Truck pay load upto 8 ton	Rs/Hr	376.84	5505.26	5882.1	375.04	5505.26	5880.3
PX-096	Sedan Car 1300 cc	Rs/Hr	253.28	2158.92	2412.2	252.76	2158.92	2411.68
PX-097	Sedan Car 1000 cc	Rs/Hr	202.69	1458.93	1661.62	202.27	1458.93	1661.2
PX-098	Pickup 2800 cc 4 x 4	Rs/Hr	644.89	2673.84	3318.73	644.07	2673.84	3317.91
PX-099	Pickup 2200 cc 4 x 2	Rs/Hr	357.67	1814.71	2172.38	356.85	1814.71	2171.56
PX-100	Pickup 800 cc 4 x 2	Rs/Hr	101.65	897.22	998.87	101.39	897.22	998.61
PX-101	Jeep 1300 cc 4 x 4	Rs/Hr	416.69	1543.17	1959.86	416.37	1543.17	1959.54
PX-102	Trailer Low Bed 30 ton	Rs/Hr	949.82	6560.08	7509.9	945.58	6560.08	7505.66
PX-103	Crane up to 55 Ton	Rs/Hr	3063.69	10577.52	13641.21	3050.25	10577.52	13627.77
PX-104	Crane Upto 25 ton	Rs/Hr	1931.73	9377.53	11309.26	1921.17	9377.53	11298.7
PX-105	Electric Diaphragm Pump	Rs/Hr	29.41	139.09	168.5	29.21	139.01	168.22
PX-106	Sand Blasting Machine	Rs/Hr	309.46	1000.41	1309.87	309.21	1000.41	1309.62
PX-107	Dump Truck 30 ton (18 cum)	Rs/Hr	2040.82	10297.72	12338.54	2036.97	10297.72	12334.69
PX-108	Tractor with Trolley (8 ton)	Rs/Hr	166.2	2674.13	2840.33	165.28	2674.13	2839.41
PX-109	Welding Plant	Rs/Hr	3.02	98.72	101.74	2.99	98.71	101.7
PX-110	Generator (Diesel) 150 kVa	Rs/Hr	171.12	7476.38	7647.5	170.47	7476.13	7646.6
PX-111	Generator (Diesel) 250 kVa	Rs/Hr	305.55	11135.56	11441.11	304.63	11135.2	11439.83
PX-112	Diesel Tanker 25000 Liter with Pump	Rs/Hr	683.84	7619.57	8303.41	672.61	7619.57	8292.18
PX-113	Forging /Shape Machine	Rs/Hr	32.2	659.9	692.1	32	659.9	691.9
PX-114	Generator (Diesel) 50 KVA	Rs/Hr	89.77	2711.94	2801.71	89.45	2711.82	2801.27
PX-115	Diesel Tanker 12000 Liter with Pump	Rs/Hr	352.61	4151.56	4504.17	344.58	4151.56	4496.14
PX-116	Diesel Tanker 5000 Liter with Pump	Rs/Hr	270.76	3218.56	3489.32	266.85	3218.56	3485.41
PX-117	Diesel Generator 20 KVA	Rs/Hr	65.02	2069.82	2134.84	64.8	2069.74	2134.54
PX-118	Diesel Generator 5 KVA	Rs/Hr	13.47	1030.92	1044.39	13.44	1030.91	1044.35
PX-119	Steel Rolling Machine	Rs/Hr	85.7	417.93	503.63	84.42	417.44	501.86
PX-120	Diesel Generator 13 KVA	Rs/Hr	63.08	1496.38	1559.46	63.05	1496.37	1559.42

OWNING AND OPERATING RATES FOR PLANT AND EQUIPMENT

Codes	Description	Unit	D.G Khan			Faisalabad		
			Owning Cost	Operating Cost	Total Cost	Owning Cost	Operating Cost	Total Cost
PE-001	Bulldozer-264 HP (Crawler Dozer-Track Type) with Blade Capacity 7 cum	Rs/Hr	4506.69	10996.69	15503.38	4524.25	10996.69	15520.94
PE-002	Bulldozer-200 HP (Crawler Dozer-Track Type) with Blade Capacity 4.4 cum	Rs/Hr	3008.06	8999.19	12007.25	3021.02	8999.19	12020.21
PE-003	Bulldozer-130 HP (Crawler Dozer-Track Type) with Blade Capacity 2.7 cum	Rs/Hr	2745.43	7057.14	9802.57	2753.15	7057.14	9810.29
PE-004	Wheel Loader 187HP with Bucket Capacity 3.3 cum	Rs/Hr	3594.29	7473.47	11067.76	3604.48	7473.47	11077.95
PE-005	Wheel Loader 166 HP with Bucket Capacity 2.8 cum	Rs/Hr	2836.75	6511.91	9348.66	2845.23	6511.91	9357.14
PE-006	Wheel Loader 135 HP with Bucket Capacity 1.90 cum	Rs/Hr	2643.52	5472.45	8115.97	2650.24	5472.45	8122.69
PE-008	Dumper loading Capacity 18 T	Rs/Hr	1506.27	3265.27	4771.54	1514.63	3265.27	4779.9
PE-009	Dumper loading Capacity 10 T	Rs/Hr	889.93	3064.61	3954.54	894.82	3064.61	3959.43
PE-010	Excavator (Track Type) 100 HP	Rs/Hr	2335.96	7955.64	10291.6	2349.37	7955.64	10305.01
PE-011	Compressor 300 CFM	Rs/Hr	411.72	7411.39	7823.11	412.99	7411.39	7824.38
PE-012	Rock Driller -Pneumatic-plug	Rs/Hr	21.57	612.19	633.76	21.59	612.2	633.79
PE-013	Electric Saw	Rs/Hr	1.38	575.15	576.53	1.38	575.15	576.53
PE-014	Petrol Motorized Chain Saw	Rs/Hr	8.84	714.2	723.04	8.84	714.2	723.04
PE-015	Electric Breaker (Demolition Hammer)	Rs/Hr	15.66	577.47	593.13	15.68	577.47	593.15
PE-016	Plate Compactor	Rs/Hr	86.25	1063.06	1149.31	86.57	1063.18	1149.75
PE-017	Pugmill 40 Tons per hour	Rs/Hr	1198.18	8928.24	10126.42	1319.7	8928.24	10247.94
PR-018	Combination Roller 18 T Single drum Pad/Sheep Foot Compactor	Rs/Hr	2201.64	6626.53	8828.17	2209.08	6626.62	8835.7
PR-019	Combination Roller 12 T (Single drum Pad/Sheep Foot Compactor)	Rs/Hr	1474.28	5171.3	6645.58	1481.51	5171.38	6652.89
PR-020	Combination Roller 8T (Single drum Pad/Sheep Foot Compactor)	Rs/Hr	1394.12	5123.88	6518	1400.96	5123.95	6524.91
PE-021	Excavator (Track Type) 168 HP with Bucket Capacity 0.8 cum	Rs/Hr	2566.44	8327.03	10893.47	2580.8	8327.03	10907.83
PE-022	Excavator (Track Type) 250 HP with Bucket Capacity 1.4 cum	Rs/Hr	2878.28	11007.26	13885.54	2897.78	11007.26	13905.04
PE-023	Excavator (Track Type) 345 HP with Bucket Capacity 2.2 cum	Rs/Hr	3442.08	13951.86	17393.94	3468.26	13951.86	17420.12
PE-024	Jack Hammer side type for Excavator (Track Type) 168 HP with Bucket Capacity 0.9 cum	Rs/Hr	142.16	515.89	658.05	143.99	517.51	661.5
PE-025	Jack Hammer side type for Excavator (Track Type) 265/340 HP with Bucket Capacity 1.6/2.3 cum	Rs/Hr	297.49	654.13	951.62	300.63	656.92	957.55
PS-026	Pipe Layer with lifting weight upto 25 Ton	Rs/Hr	2238.78	8384.47	10623.25	2256.02	8384.47	10640.49
PR-031	Motor Grader 250HP with Blade length 4.32m	Rs/Hr	3995.89	9804.54	13800.43	4008	9804.54	13812.54
PR-032	Motor Grader 218HP with Blade length 4.32m	Rs/Hr	3494.72	8032.74	11527.46	3504.72	8032.74	11537.46
PR-033	Tandem Roller 12 T	Rs/Hr	1769.24	4811.82	6581.06	1776.46	4811.9	6588.36
PR-034	Tandem Roller 8 T	Rs/Hr	1266.2	4547.87	5814.07	1272	4547.93	5819.93
PR-035	Tandem Roller 6 T	Rs/Hr	1170.39	2874.23	4044.62	1176.19	2874.3	4050.49
PR-036	Tandem Roller 1.50 T	Rs/Hr	422.21	2197.1	2619.31	423.27	2197.12	2620.39
PR-037	Combination Roller 18 T Single drum Plain Compactor	Rs/Hr	2003.43	5889.33	7892.76	2010.87	5889.33	7900.2
PR-038	Combination Roller 12 T (Single drum Plain Compactor)	Rs/Hr	1342.14	5154.7	6496.84	1349.37	5154.78	6504.15
PR-039	Combination Roller 8T (Single drum Plain Compactor)	Rs/Hr	1269.16	5113.13	6382.29	1276.01	5113.21	6389.22
PR-040	P.T.R. (8 - Wheeler) 24 T	Rs/Hr	1424.45	4667.04	6091.49	1439.5	4667.11	6106.61
PR-041	P.T.R. (8 - Wheeler) 18 T	Rs/Hr	1328.64	4596.3	5924.94	1343.69	4596.3	5939.99
PR-043	Tandem Roller 10 T	Rs/Hr	1382.35	4731.88	6114.23	1388.29	4731.95	6120.24
PR-044	Power Broom	Rs/Hr	23.57	410.34	433.91	27.88	414.18	442.06
PR-045	Bitumen Dist. Tow Type 2000 Liter	Rs/Hr	204.99	1309.19	1514.18	206.62	1309.19	1515.81
PR-046	Bitumen Sprayer (Manual) 250 gallon	Rs/Hr	22.81	613.68	636.49	24.9	614.5	639.4
PR-047	Chip Spreader up to 3M Wide (attachment)	Rs/Hr	281.46	1424.38	1705.84	288.67	1427.19	1715.86
PR-048	Asphalt Plant 140 T	Rs/Hr	22264.99	29315	51579.99	22386.51	29375.76	51762.27
PR-049	Asphalt Plant 120 T	Rs/Hr	21568.62	27032.83	48601.45	21644.28	27070.66	48714.94
PR-050	Asphalt Plant 40 T	Rs/Hr	4709.35	13057.23	17766.58	4767.76	13086.44	17854.2
PR-051	Asphalt Plant 20 T	Rs/Hr	3750.92	6363.3	10114.22	3791.3	6383.49	10174.79
PR-052	Asphalt Paver basic width 3m,max 5.9m Wide	Rs/Hr	7637.74	13388.88	21026.62	7648.78	13394.4	21043.18
PR-053	Asphalt Paver (width 2.4-4.7 m)	Rs/Hr	7241.03	13457.37	20698.4	7250.5	13462.1	20712.6
PR-054	Cold Milling Machine 2 M Wide	Rs/Hr	5959.38	14074.1	20033.48	5985.95	14074.1	20060.05
PR-055	Hand Push high Pressure Cold and Rubber Paint Marking Machine	Rs/Hr	529.99	974.23	1504.22	531.81	974.23	1506.04
PR-056	Aggregate Spreader Up to 3M Wide	Rs/Hr	7241.03	13457.37	20698.4	7250.5	13462.1	20712.6
PR-057	Asphalt Cutter	Rs/Hr	19.59	583.06	602.65	19.71	583.06	602.77
PR-058	Rock Crushing & Screening (200 T/Hr)	Rs/Hr	9806.32	5721.68	15528	9884.72	5749.12	15633.84
PR-060	Asphalt Recycling Machine 0 to 60mm depth - 3 to 4m width 120 tons/hr	Rs/Hr	36419.05	19696.89	56115.94	36464.11	19696.89	56161
PR-061	Hand Push Thermoplastic Road Marking Machine with double cylinder preheater	Rs/Hr	1007.26	1692.14	2699.4	1022.64	1692.14	2714.78
PR-062	Cordless Drill Machine	Rs/Hr	1.67	571.14	572.81	1.67	571.14	572.81
PR-063	Crawler Rock driller	Rs/Hr	2520.53	8121.13	10641.66	2527.42	8121.13	10648.55
PS-064	Grouting Machine(electric) out put 3.6 cum/hr	Rs/Hr	51.35	1294.79	1346.14	51.94	1294.79	1346.73
PS-065	Hydraulic jack with pump upto 2000 Ton	Rs/Hr	461.05	1328.28	1789.33	464.97	1328.28	1793.25
PR-066	Guard Rail Pile Driver Machine	Rs/Hr	250.63	2048.14	2298.77	261.69	2048.14	2309.83
PS-071	Concrete Batching Plant 25m3/hr	Rs/Hr	5273.12	5811.87	11084.99	5288.8	5817.36	11106.16
PS-072	Concrete Static Mixer 1 Cum	Rs/Hr	864.75	1174.11	2038.86	872.59	1176.86	2049.45
PS-073	Concrete Static Mixer 1/4 Cum	Rs/Hr	67.6	1057.62	1125.22	75.44	1060.37	1135.81
PS-074	Concrete Transit Mixer 6 Cum	Rs/Hr	2397.55	3099.33	5496.88	2406.96	3099.33	5506.29
PS-075	Concrete Transit Mixer 4 Cum	Rs/Hr	1464.97	2712.08	4177.05	1472.81	2712.08	4184.89
PS-076	Stressing Equipment for 6500 KN force with electric power	Rs/Hr	217.11	1346.29	1563.4	218.71	1346.29	1565
PS-077	Concrete Cutter	Rs/Hr	19.59	583.06	602.65	19.71	583.06	602.77
PS-078	Piling Rig (dia up to 1m)	Rs/Hr	13120.87	15999.9	29120.77	13371.75	16125.34	29497.09
PS-079	Piling Rig (Dia 1m to 2m)	Rs/Hr	28871.22	28850.58	57721.8	28979.72	28904.83	57884.55

OWNING AND OPERATING RATES FOR PLANT AND EQUIPMENT

Codes	Description	Unit	D.G Khan			Faisalabad		
			Owning Cost	Operating Cost	Total Cost	Owning Cost	Operating Cost	Total Cost
PS-080	Vibrator (Poker 1.5 ")	Rs/Hr	4.49	661.12	665.61	4.5	661.12	665.62
PS-081	Percussion Boring Rig (Diesel)	Rs/Hr	2534.39	10300.84	12835.23	2597.11	10332.2	12929.31
PS-082	Concrete Pump 33 m with tuck chassis	Rs/Hr	2674.71	16330.57	19005.28	2818.97	16402.7	19221.67
PS-083	Girder Launcher (Erecting Capacity max 200 ton)	Rs/Hr	6637.21	5132.42	11769.63	6841.26	5212	12053.26
PS-084	Tripod & Chain Pulley (20 Ton)	Rs/Hr	97.13	889.85	986.98	109.68	889.85	999.53
PS-085	Shotcrete Machine 5-8 cum/hr	Rs/Hr	388.58	2386.85	2775.43	390.16	2387.47	2777.63
PS-086	Concrete Slip form Paver 2 to 6m for Road Pavement	Rs/Hr	13311.01	15157.7	28468.71	13336.1	15157.7	28493.8
PS-087	Concrete Slip form Paver for Barrier,curbs,sidewalk up to 3 m	Rs/Hr	5840.79	8856.69	14697.48	5863.99	8856.69	14720.68
PR-088	Asphalt Static Mixer 1 Cum	Rs/Hr	670.38	1106.08	1776.46	678.22	1108.83	1787.05
PS-089	Straight Rotary machine up to 250 mm dia with all tools	Rs/Hr	133.37	1657.28	1790.65	139.64	1666	1805.64
PX-090	Submersible Slug Pump with 65 ft Head	Rs/Hr	15.48	96.71	112.19	15.55	96.74	112.29
PX-091	Tractor 80 HP	Rs/Hr	165.27	2961.34	3126.61	167.67	2961.34	3129.01
PX-092	Tractor 50 HP	Rs/Hr	66.16	1891.02	1957.18	67.46	1891.02	1958.48
PX-093	Water Tank Bowser Type 12000 Liter	Rs/Hr	661.44	5990.05	6651.49	675.55	5990.05	6665.6
PX-094	Water Tank Tow Type 4000 Liter (Including Tractor)	Rs/Hr	164.86	2038.92	2203.78	171.65	2038.92	2210.57
PX-095	Flat Body Truck pay load upto 8 ton	Rs/Hr	371.45	5505.26	5876.71	374.97	5505.26	5880.23
PX-096	Sedan Car 1300 cc	Rs/Hr	251.74	2158.92	2410.66	252.74	2158.92	2411.66
PX-097	Sedan Car 1000 cc	Rs/Hr	201.45	1458.93	1660.38	202.26	1458.93	1661.19
PX-098	Pickup 2800 cc 4 x 4	Rs/Hr	642.45	2673.84	3316.29	644.04	2673.84	3317.88
PX-099	Pickup 2200 cc 4 x 2	Rs/Hr	355.23	1814.71	2169.94	356.82	1814.71	2171.53
PX-100	Pickup 800 cc 4 x 2	Rs/Hr	100.87	897.22	998.09	101.38	897.22	998.6
PX-101	Jeep 1300 cc 4 x 4	Rs/Hr	415.73	1543.17	1958.9	416.35	1543.17	1959.52
PX-102	Trailer Low Bed 30 ton	Rs/Hr	937.13	6560.08	7497.21	945.41	6560.08	7505.49
PX-103	Crane up to 55 Ton	Rs/Hr	3023.43	10577.52	13600.95	3049.7	10577.52	13627.22
PX-104	Crane Upto 25 ton	Rs/Hr	1900.11	9377.53	11277.64	1920.74	9377.53	11298.27
PX-105	Electric Diaphragm Pump	Rs/Hr	28.81	138.86	167.67	29.2	139.01	168.21
PX-106	Sand Blasting Machine	Rs/Hr	308.7	1000.41	1309.11	309.2	1000.41	1309.61
PX-107	Dump Truck 30 ton (18 cum)	Rs/Hr	2029.29	10297.72	12327.01	2036.81	10297.72	12334.53
PX-108	Tractor with Trolley (8 ton)	Rs/Hr	163.45	2674.13	2837.58	165.24	2674.13	2839.37
PX-109	Welding Plant	Rs/Hr	2.92	98.68	101.6	2.99	98.71	101.7
PX-110	Generator (Diesel) 150 kVa	Rs/Hr	169.18	7475.62	7644.8	170.44	7476.11	7646.55
PX-111	Generator (Diesel) 250 kVa	Rs/Hr	302.81	11134.49	11437.3	304.6	11135.19	11439.79
PX-112	Diesel Tanker 25000 Liter with Pump	Rs/Hr	650.2	7619.57	8269.77	672.15	7619.57	8291.72
PX-113	Forging /Shape Machine	Rs/Hr	31.6	659.9	691.5	31.99	659.9	691.89
PX-114	Generator (Diesel) 50 KVA	Rs/Hr	88.8	2711.57	2800.37	89.44	2711.82	2801.26
PX-115	Diesel Tanker 12000 Liter with Pump	Rs/Hr	328.57	4151.56	4480.13	344.25	4151.56	4495.81
PX-116	Diesel Tanker 5000 Liter with Pump	Rs/Hr	259.06	3218.56	3477.62	266.69	3218.56	3485.25
PX-117	Diesel Generator 20 KVA	Rs/Hr	64.37	2069.57	2133.94	64.79	2069.73	2134.52
PX-118	Diesel Generator 5 KVA	Rs/Hr	13.38	1030.89	1044.27	13.44	1030.91	1044.35
PX-119	Steel Rolling Machine	Rs/Hr	81.86	416.44	498.3	84.37	417.42	501.79
PX-120	Diesel Generator 13 KVA	Rs/Hr	62.99	1496.34	1559.33	63.05	1496.37	1559.42

OWNING AND OPERATING RATES FOR PLANT AND EQUIPMENT

Codes	Description	Unit	Gujranwala			Gujrat		
			Owning Cost	Operating Cost	Total Cost	Owning Cost	Operating Cost	Total Cost
PE-001	Bulldozer-264 HP (Crawler Dozer-Track Type) with Blade Capacity 7 cum	Rs/Hr	4532.71	10996.69	15529.4	4533.66	10996.69	15530.35
PE-002	Bulldozer-200 HP (Crawler Dozer-Track Type) with Blade Capacity 4.4 cum	Rs/Hr	3027.28	8999.19	12026.47	3027.97	8999.19	12027.16
PE-003	Bulldozer-130 HP (Crawler Dozer-Track Type) with Blade Capacity 2.7 cum	Rs/Hr	2756.87	7057.14	9814.01	2757.28	7057.14	9814.42
PE-004	Wheel Loader 187HP with Bucket Capacity 3.3 cum	Rs/Hr	3609.39	7473.47	11082.86	3609.94	7473.47	11083.41
PE-005	Wheel Loader 166 HP with Bucket Capacity 2.8 cum	Rs/Hr	2849.32	6511.91	9361.23	2849.78	6511.91	9361.69
PE-006	Wheel Loader 135 HP with Bucket Capacity 1.90 cum	Rs/Hr	2653.47	5472.45	8125.92	2653.83	5472.45	8126.28
PE-008	Dumper loading Capacity 18 T	Rs/Hr	1518.66	3265.27	4783.93	1519.11	3265.27	4784.38
PE-009	Dumper loading Capacity 10 T	Rs/Hr	897.18	3064.61	3961.79	897.44	3064.61	3962.05
PE-010	Excavator (Track Type) 100 HP	Rs/Hr	2355.84	7955.64	10311.48	2356.56	7955.64	10312.2
PE-011	Compressor 300 CFM	Rs/Hr	413.59	7411.39	7824.98	413.66	7411.39	7825.05
PE-012	Rock Driller -Pneumatic-plug	Rs/Hr	21.59	612.2	633.79	21.59	612.2	633.79
PE-013	Electric Saw	Rs/Hr	1.38	575.15	576.53	1.38	575.15	576.53
PE-014	Petrol Motorized Chain Saw	Rs/Hr	8.84	714.2	723.04	8.84	714.2	723.04
PE-015	Electric Breaker (Demolition Hammer)	Rs/Hr	15.69	577.47	593.16	15.69	577.47	593.16
PE-016	Plate Compactor	Rs/Hr	86.73	1063.24	1149.97	86.74	1063.25	1149.99
PE-017	Pugmill 40 Tons per hour	Rs/Hr	1378.29	8928.24	10306.53	1384.8	8928.24	10313.04
PR-018	Combination Roller 18 T Single drum Pad/Sheep Foot Compactor	Rs/Hr	2212.67	6626.66	8839.33	2213.06	6626.66	8839.72
PR-019	Combination Roller 12 T (Single drum Pad/Sheep Foot Compactor)	Rs/Hr	1485	5171.42	6656.42	1485.38	5171.42	6656.8
PR-020	Combination Roller 8T (Single drum Pad/Sheep Foot Compactor)	Rs/Hr	1404.26	5123.99	6528.25	1404.63	5123.99	6528.62
PE-021	Excavator (Track Type) 168 HP with Bucket Capacity 0.8 cum	Rs/Hr	2587.73	8327.03	10914.76	2588.5	8327.03	10915.53
PE-022	Excavator (Track Type) 250 HP with Bucket Capacity 1.4 cum	Rs/Hr	2907.19	11007.26	13914.45	2908.23	11007.26	13915.49
PE-023	Excavator (Track Type) 345 HP with Bucket Capacity 2.2 cum	Rs/Hr	3480.88	13951.86	17432.74	3482.28	13951.86	17434.14
PE-024	Jack Hammer side type for Excavator (Track Type) 168 HP with Bucket Capacity 0.9 cum	Rs/Hr	144.87	518.3	663.17	144.97	518.39	663.36
PE-025	Jack Hammer side type for Excavator (Track Type) 265/340 HP with Bucket Capacity 1.6/2.3 cum	Rs/Hr	302.14	658.27	960.41	302.31	658.42	960.73
PS-026	Pipe Layer with lifting weight upto 25 Ton	Rs/Hr	2264.34	8384.47	10648.81	2265.26	8384.47	10649.73
PR-031	Motor Grader 250HP with Blade length 4.32m	Rs/Hr	4013.83	9804.54	13818.37	4014.48	9804.54	13819.02
PR-032	Motor Grader 218HP with Blade length 4.32m	Rs/Hr	3509.54	8032.74	11542.28	3510.08	8032.74	11542.82
PR-033	Tandem Roller 12 T	Rs/Hr	1779.93	4811.94	6591.87	1780.32	4811.94	6592.26
PR-034	Tandem Roller 8 T	Rs/Hr	1274.8	4547.96	5822.76	1275.12	4547.97	5823.09
PR-035	Tandem Roller 6 T	Rs/Hr	1178.99	2874.33	4053.32	1179.3	2874.33	4053.63
PR-036	Tandem Roller 1.50 T	Rs/Hr	423.79	2197.13	2620.92	423.84	2197.13	2620.97
PR-037	Combination Roller 18 T Single drum Plain Compactor	Rs/Hr	2014.46	5889.33	7903.79	2014.85	5889.33	7904.18
PR-038	Combination Roller 12 T (Single drum Plain Compactor)	Rs/Hr	1352.86	5154.82	6507.68	1353.24	5154.82	6508.06
PR-039	Combination Roller 8T (Single drum Plain Compactor)	Rs/Hr	1279.31	5113.24	6392.55	1279.67	5113.25	6392.92
PR-040	P.T.R. (8 - Wheeler) 24 T	Rs/Hr	1446.76	4667.15	6113.91	1447.57	4667.15	6114.72
PR-041	P.T.R. (8 - Wheeler) 18 T	Rs/Hr	1350.95	4596.3	5947.25	1351.75	4596.3	5948.05
PR-043	Tandem Roller 10 T	Rs/Hr	1391.15	4731.98	6123.13	1391.47	4731.98	6123.45
PR-044	Power Broom	Rs/Hr	29.97	416.04	446.01	30.2	416.24	446.44
PR-045	Bitumen Dist. Tow Type 2000 Liter	Rs/Hr	207.41	1309.19	1516.6	207.5	1309.19	1516.69
PR-046	Bitumen Sprayer (Manual) 250 gallon	Rs/Hr	25.91	614.89	640.8	26.02	614.93	640.95
PR-047	Chip Spreader up to 3M Wide (attachment)	Rs/Hr	292.15	1428.55	1720.7	292.54	1428.7	1721.24
PR-048	Asphalt Plant 140 T	Rs/Hr	22445.1	29405.05	51850.15	22451.61	29408.31	51859.92
PR-049	Asphalt Plant 120 T	Rs/Hr	21680.76	27088.9	48769.66	21684.81	27090.92	48775.73
PR-050	Asphalt Plant 40 T	Rs/Hr	4795.92	13100.52	17896.44	4799.05	13102.08	17901.13
PR-051	Asphalt Plant 20 T	Rs/Hr	3810.77	6393.23	10204	3812.93	6394.31	10207.24
PR-052	Asphalt Paver basic width 3m,max 5.9m Wide	Rs/Hr	7654.1	13397.06	21051.16	7654.69	13397.36	21052.05
PR-053	Asphalt Paver (width 2.4-4.7 m)	Rs/Hr	7255.07	13464.39	20719.46	7255.58	13464.64	20720.22
PR-054	Cold Milling Machine 2 M Wide	Rs/Hr	5998.77	14074.1	20072.87	6000.19	14074.1	20074.29
PR-055	Hand Push high Pressure Cold and Rubber Paint Marking Machine	Rs/Hr	532.69	974.23	1506.92	532.78	974.23	1507.01
PR-056	Aggregate Spreader Up to 3M Wide	Rs/Hr	7255.07	13464.39	20719.46	7255.58	13464.64	20720.22
PR-057	Asphalt Cutter	Rs/Hr	19.76	583.06	602.82	19.77	583.06	602.83
PR-058	Rock Crushing & Screening (200 T/Hr)	Rs/Hr	9922.52	5762.35	15684.87	9926.72	5763.82	15690.54
PR-060	Asphalt Recycling Machine 0 to 60mm depth - 3 to 4m width 120 tons/hr	Rs/Hr	36485.84	19696.89	56182.73	36488.25	19696.89	56185.14
PR-061	Hand Push Thermoplastic Road Marking Machine with double cylinder preheater	Rs/Hr	1030.05	1692.14	2722.19	1030.87	1692.14	2723.01
PR-062	Cordless Drill Machine	Rs/Hr	1.67	571.14	572.81	1.67	571.14	572.81
PR-063	Crawler Rock driller	Rs/Hr	2530.75	8121.13	10651.88	2531.12	8121.13	10652.25
PS-064	Grouting Machine(electric) out put 3.6 cum/hr	Rs/Hr	52.23	1294.79	1347.02	52.26	1294.79	1347.05
PS-065	Hydraulic jack with pump upto 2000 Ton	Rs/Hr	466.86	1328.28	1795.14	467.07	1328.28	1795.35
PR-066	Guard Rail Pile Driver Machine	Rs/Hr	267.02	2048.14	2315.16	267.61	2048.14	2315.75
PS-071	Concrete Batching Plant 25m3/hr	Rs/Hr	5296.36	5820	11116.36	5297.2	5820.3	11117.5
PS-072	Concrete Static Mixer 1 Cum	Rs/Hr	876.37	1178.18	2054.55	876.79	1178.33	2055.12
PS-073	Concrete Static Mixer 1/4 Cum	Rs/Hr	79.22	1061.69	1140.91	79.64	1061.84	1141.48
PS-074	Concrete Transit Mixer 6 Cum	Rs/Hr	2411.5	3099.33	5510.83	2412	3099.33	5511.33
PS-075	Concrete Transit Mixer 4 Cum	Rs/Hr	1476.59	2712.08	4188.67	1477.01	2712.08	4189.09
PS-076	Stressing Equipment for 6500 KN force with electric power	Rs/Hr	219.48	1346.29	1565.77	219.56	1346.29	1565.85
PS-077	Concrete Cutter	Rs/Hr	19.76	583.06	602.82	19.77	583.06	602.83
PS-078	Piling Rig (dia up to 1m)	Rs/Hr	13492.71	16185.82	29678.53	13506.15	16192.54	29698.69
PS-079	Piling Rig (Dia 1m to 2m)	Rs/Hr	29032.04	28930.99	57963.03	29037.85	28933.9	57971.75

OWNING AND OPERATING RATES FOR PLANT AND EQUIPMENT

Codes	Description	Unit	Gujranwala			Gujrat		
			Owning Cost	Operating Cost	Total Cost	Owning Cost	Operating Cost	Total Cost
PS-080	Vibrator (Poker 1.5 ")	Rs/Hr	4.5	661.12	665.62	4.5	661.12	665.62
PS-081	Percussion Boring Rig (Diesel)	Rs/Hr	2627.35	10347.32	12974.67	2630.71	10349	12979.71
PS-082	Concrete Pump 33 m with tuck chassis	Rs/Hr	2888.52	16437.48	19326	2896.25	16441.34	19337.59
PS-083	Girder Launcher (Erecting Capacity max 200 ton)	Rs/Hr	6939.64	5250.37	12190.01	6950.57	5254.63	12205.2
PS-084	Tripod & Chain Pulley (20 Ton)	Rs/Hr	115.72	889.85	1005.57	116.4	889.85	1006.25
PS-085	Shotcrete Machine 5-8 cum/hr	Rs/Hr	390.92	2387.77	2778.69	391.01	2387.8	2778.81
PS-086	Concrete Slip form Paver 2 to 6m for Road Pavement	Rs/Hr	13348.19	15157.7	28505.89	13349.54	15157.7	28507.24
PS-087	Concrete Slip form Paver for Barrier,curbs,sidewalk up to 3 m	Rs/Hr	5875.18	8856.69	14731.87	5876.43	8856.69	14733.12
PR-088	Asphalt Static Mixer 1 Cum	Rs/Hr	682	1110.15	1792.15	682.42	1110.3	1792.72
PS-089	Straight Rotary machine up to 250 mm dia with all tools	Rs/Hr	142.66	1670.2	1812.86	143	1670.67	1813.67
PX-090	Submersible Slug Pump with 65 ft Head	Rs/Hr	15.59	96.76	112.35	15.6	96.76	112.36
PX-091	Tractor 80 HP	Rs/Hr	168.83	2961.34	3130.17	168.96	2961.34	3130.3
PX-092	Tractor 50 HP	Rs/Hr	68.08	1891.02	1959.1	68.15	1891.02	1959.17
PX-093	Water Tank Bowser Type 12000 Liter	Rs/Hr	682.36	5990.05	6672.41	683.11	5990.05	6673.16
PX-094	Water Tank Tow Type 4000 Liter (Including Tractor)	Rs/Hr	174.92	2038.92	2213.84	175.28	2038.92	2214.2
PX-095	Flat Body Truck pay load upto 8 ton	Rs/Hr	376.66	5505.26	5881.92	376.85	5505.26	5882.11
PX-096	Sedan Car 1300 cc	Rs/Hr	253.23	2158.92	2412.15	253.28	2158.92	2412.2
PX-097	Sedan Car 1000 cc	Rs/Hr	202.65	1458.93	1661.58	202.69	1458.93	1661.62
PX-098	Pickup 2800 cc 4 x 4	Rs/Hr	644.81	2673.84	3318.65	644.89	2673.84	3318.73
PX-099	Pickup 2200 cc 4 x 2	Rs/Hr	357.59	1814.71	2172.3	357.67	1814.71	2172.38
PX-100	Pickup 800 cc 4 x 2	Rs/Hr	101.62	897.22	998.84	101.65	897.22	998.87
PX-101	Jeep 1300 cc 4 x 4	Rs/Hr	416.66	1543.17	1959.83	416.69	1543.17	1959.86
PX-102	Trailer Low Bed 30 ton	Rs/Hr	949.4	6560.08	7509.48	949.84	6560.08	7509.92
PX-103	Crane up to 55 Ton	Rs/Hr	3062.37	10577.52	13639.89	3063.77	10577.52	13641.29
PX-104	Crane Upto 25 ton	Rs/Hr	1930.69	9377.53	11308.22	1931.79	9377.53	11309.32
PX-105	Electric Diaphragm Pump	Rs/Hr	29.39	139.08	168.47	29.41	139.09	168.5
PX-106	Sand Blasting Machine	Rs/Hr	309.44	1000.41	1309.85	309.46	1000.41	1309.87
PX-107	Dump Truck 30 ton (18 cum)	Rs/Hr	2040.44	10297.72	12338.16	2040.85	10297.72	12338.57
PX-108	Tractor with Trolley (8 ton)	Rs/Hr	166.11	2674.13	2840.24	166.21	2674.13	2840.34
PX-109	Welding Plant	Rs/Hr	3.02	98.72	101.74	3.02	98.72	101.74
PX-110	Generator (Diesel) 150 kVa	Rs/Hr	171.05	7476.35	7647.4	171.12	7476.38	7647.5
PX-111	Generator (Diesel) 250 kVa	Rs/Hr	305.46	11135.53	11440.99	305.55	11135.56	11441.11
PX-112	Diesel Tanker 25000 Liter with Pump	Rs/Hr	682.73	7619.57	8302.3	683.91	7619.57	8303.48
PX-113	Forging /Shape Machine	Rs/Hr	32.18	659.9	692.08	32.2	659.9	692.1
PX-114	Generator (Diesel) 50 KVA	Rs/Hr	89.74	2711.93	2801.67	89.78	2711.95	2801.73
PX-115	Diesel Tanker 12000 Liter with Pump	Rs/Hr	351.81	4151.56	4503.37	352.65	4151.56	4504.21
PX-116	Diesel Tanker 5000 Liter with Pump	Rs/Hr	270.37	3218.56	3488.93	270.78	3218.56	3489.34
PX-117	Diesel Generator 20 KVA	Rs/Hr	65	2069.81	2134.81	65.02	2069.82	2134.84
PX-118	Diesel Generator 5 KVA	Rs/Hr	13.47	1030.92	1044.39	13.47	1030.92	1044.39
PX-119	Steel Rolling Machine	Rs/Hr	85.58	417.89	503.47	85.71	417.94	503.65
PX-120	Diesel Generator 13 KVA	Rs/Hr	63.08	1496.38	1559.46	63.08	1496.38	1559.46

OWNING AND OPERATING RATES FOR PLANT AND EQUIPMENT

Codes	Description	Unit	Hafizabad			Jhang		
			Owning Cost	Operating Cost	Total Cost	Owning Cost	Operating Cost	Total Cost
PE-001	Bulldozer-264 HP (Crawler Dozer-Track Type) with Blade Capacity 7 cum	Rs/Hr	4529.37	10996.69	15526.06	4519.96	10996.69	15516.65
PE-002	Bulldozer-200 HP (Crawler Dozer-Track Type) with Blade Capacity 4.4 cum	Rs/Hr	3024.81	8999.19	12024	3017.86	8999.19	12017.05
PE-003	Bulldozer-130 HP (Crawler Dozer-Track Type) with Blade Capacity 2.7 cum	Rs/Hr	2755.4	7057.14	9812.54	2751.26	7057.14	9808.4
PE-004	Wheel Loader 187HP with Bucket Capacity 3.3 cum	Rs/Hr	3607.45	7473.47	11080.92	3601.99	7473.47	11075.46
PE-005	Wheel Loader 166 HP with Bucket Capacity 2.8 cum	Rs/Hr	2847.71	6511.91	9359.62	2843.16	6511.91	9355.07
PE-006	Wheel Loader 135 HP with Bucket Capacity 1.90 cum	Rs/Hr	2652.19	5472.45	8124.64	2648.6	5472.45	8121.05
PE-008	Dumper loading Capacity 18 T	Rs/Hr	1517.07	3265.27	4782.34	1512.59	3265.27	4777.86
PE-009	Dumper loading Capacity 10 T	Rs/Hr	896.24	3064.61	3960.85	893.62	3064.61	3958.23
PE-010	Excavator (Track Type) 100 HP	Rs/Hr	2353.28	7955.64	10308.92	2346.1	7955.64	10301.74
PE-011	Compressor 300 CFM	Rs/Hr	413.35	7411.39	7824.74	412.68	7411.39	7824.07
PE-012	Rock Driller -Pneumatic-plug	Rs/Hr	21.59	612.2	633.79	21.58	612.2	633.78
PE-013	Electric Saw	Rs/Hr	1.38	575.15	576.53	1.38	575.15	576.53
PE-014	Petrol Motorized Chain Saw	Rs/Hr	8.84	714.2	723.04	8.84	388.18	397.02
PE-015	Electric Breaker (Demolition Hammer)	Rs/Hr	15.69	577.47	593.16	15.68	577.47	593.15
PE-016	Plate Compactor	Rs/Hr	86.66	1063.22	1149.88	86.49	1063.15	1149.64
PE-017	Pugmill 40 Tons per hour	Rs/Hr	1355.14	8928.24	10283.38	1290.04	8928.24	10218.28
PR-018	Combination Roller 18 T Single drum Pad/Sheep Foot Compactor	Rs/Hr	2211.25	6626.64	8837.89	2207.26	6626.6	8833.86
PR-019	Combination Roller 12 T (Single drum Pad/Sheep Foot Compactor)	Rs/Hr	1483.62	5171.4	6655.02	1479.74	5171.36	6651.1
PR-020	Combination Roller 8T (Single drum Pad/Sheep Foot Compactor)	Rs/Hr	1402.96	5123.98	6526.94	1399.29	5123.94	6523.23
PE-021	Excavator (Track Type) 168 HP with Bucket Capacity 0.8 cum	Rs/Hr	2584.99	8327.03	10912.02	2577.3	8327.03	10904.33
PE-022	Excavator (Track Type) 250 HP with Bucket Capacity 1.4 cum	Rs/Hr	2903.47	11007.26	13910.73	2893.02	11007.26	13900.28
PE-023	Excavator (Track Type) 345 HP with Bucket Capacity 2.2 cum	Rs/Hr	3475.89	13951.86	17427.75	3461.87	13951.86	17413.73
PE-024	Jack Hammer side type for Excavator (Track Type) 168 HP with Bucket Capacity 0.9 cum	Rs/Hr	144.52	517.99	662.51	143.54	517.11	660.65
PE-025	Jack Hammer side type for Excavator (Track Type) 265/340 HP with Bucket Capacity 1.6/2.3 cum	Rs/Hr	301.54	657.73	959.27	299.86	656.24	956.1
PS-026	Pipe Layer with lifting weight upto 25 Ton	Rs/Hr	2261.05	8384.47	10645.52	2251.81	8384.47	10636.28
PR-031	Motor Grader 250HP with Blade length 4.32m	Rs/Hr	4011.53	9804.54	13816.07	4005.04	9804.54	13809.58
PR-032	Motor Grader 218HP with Blade length 4.32m	Rs/Hr	3507.64	8032.74	11540.38	3502.28	8032.74	11535.02
PR-033	Tandem Roller 12 T	Rs/Hr	1778.56	4811.92	6590.48	1774.7	4811.88	6586.58
PR-034	Tandem Roller 8 T	Rs/Hr	1273.7	4547.95	5821.65	1270.59	4547.92	5818.51
PR-035	Tandem Roller 6 T	Rs/Hr	1177.89	2874.32	4052.21	1174.78	2874.28	4049.06
PR-036	Tandem Roller 1.50 T	Rs/Hr	423.58	2197.12	2620.7	423.01	2197.11	2620.12
PR-037	Combination Roller 18 T Single drum Plain Compactor	Rs/Hr	2013.04	5889.33	7902.37	2009.05	5889.33	7898.38
PR-038	Combination Roller 12 T (Single drum Plain Compactor)	Rs/Hr	1351.48	5154.81	6506.29	1347.6	5154.76	6502.36
PR-039	Combination Roller 8T (Single drum Plain Compactor)	Rs/Hr	1278	5113.23	6391.23	1274.34	5113.19	6387.53
PR-040	P.T.R. (8 - Wheeler) 24 T	Rs/Hr	1443.89	4667.13	6111.02	1435.83	4667.09	6102.92
PR-041	P.T.R. (8 - Wheeler) 18 T	Rs/Hr	1348.08	4596.3	5944.38	1340.02	4596.3	5936.32
PR-043	Tandem Roller 10 T	Rs/Hr	1390.02	4731.97	6121.99	1386.84	4731.93	6118.77
PR-044	Power Broom	Rs/Hr	29.14	415.3	444.44	26.83	413.24	440.07
PR-045	Bitumen Dist. Tow Type 2000 Liter	Rs/Hr	207.1	1309.19	1516.29	206.22	1309.19	1515.41
PR-046	Bitumen Sprayer (Manual) 250 gallon	Rs/Hr	25.51	614.73	640.24	24.39	614.3	638.69
PR-047	Chip Spreader up to 3M Wide (attachment)	Rs/Hr	290.78	1428.02	1718.8	286.91	1426.51	1713.42
PR-048	Asphalt Plant 140 T	Rs/Hr	22421.95	29393.48	51815.43	22356.85	29360.93	51717.78
PR-049	Asphalt Plant 120 T	Rs/Hr	21666.34	27081.69	48748.03	21625.81	27061.42	48687.23
PR-050	Asphalt Plant 40 T	Rs/Hr	4784.8	13094.96	17879.76	4753.51	13079.31	17832.82
PR-051	Asphalt Plant 20 T	Rs/Hr	3803.07	6389.38	10192.45	3781.44	6378.56	10160
PR-052	Asphalt Paver basic width 3m,max 5.9m Wide	Rs/Hr	7652	13396.01	21048.01	7646.08	13393.05	21039.13
PR-053	Asphalt Paver (width 2.4-4.7 m)	Rs/Hr	7253.27	13463.49	20716.76	7248.19	13460.95	20709.14
PR-054	Cold Milling Machine 2 M Wide	Rs/Hr	5993.71	14074.1	20067.81	5979.47	14074.1	20053.57
PR-055	Hand Push high Pressure Cold and Rubber Paint Marking Machine	Rs/Hr	532.34	974.23	1506.57	531.37	974.23	1505.6
PR-056	Aggregate Spreader Up to 3M Wide	Rs/Hr	7253.27	13463.49	20716.76	7248.19	13460.95	20709.14
PR-057	Asphalt Cutter	Rs/Hr	19.74	583.06	602.8	19.68	583.06	602.74
PR-058	Rock Crushing & Screening (200 T/Hr)	Rs/Hr	9907.59	5757.13	15664.72	9865.59	5742.43	15608.02
PR-060	Asphalt Recycling Machine 0 to 60mm depth - 3 to 4m width 120 tons/hr	Rs/Hr	36477.25	19696.89	56174.14	36453.11	19696.89	56150
PR-061	Hand Push Thermoplastic Road Marking Machine with double cylinder preheater	Rs/Hr	1027.12	1692.14	2719.26	1018.88	1692.14	2711.02
PR-062	Cordless Drill Machine	Rs/Hr	1.67	571.14	572.81	1.67	571.14	572.81
PR-063	Crawler Rock driller	Rs/Hr	2529.44	8121.13	10650.57	2525.74	8121.13	10646.87
PS-064	Grouting Machine(electric) out put 3.6 cum/hr	Rs/Hr	52.11	1294.79	1346.9	51.8	1294.79	1346.59
PS-065	Hydraulic jack with pump upto 2000 Ton	Rs/Hr	466.11	1328.28	1794.39	464.01	1328.28	1792.29
PR-066	Guard Rail Pile Driver Machine	Rs/Hr	264.91	2048.14	2313.05	258.99	2048.14	2307.13
PS-071	Concrete Batching Plant 25m3/hr	Rs/Hr	5293.37	5818.95	11112.32	5284.97	5816.01	11100.98
PS-072	Concrete Static Mixer 1 Cum	Rs/Hr	874.87	1177.66	2052.53	870.67	1176.19	2046.86
PS-073	Concrete Static Mixer 1/4 Cum	Rs/Hr	77.72	1061.16	1138.88	73.52	1059.69	1133.21
PS-074	Concrete Transit Mixer 6 Cum	Rs/Hr	2409.71	3099.33	5509.04	2404.67	3099.33	5504
PS-075	Concrete Transit Mixer 4 Cum	Rs/Hr	1475.09	2712.08	4187.17	1470.89	2712.08	4182.97
PS-076	Stressing Equipment for 6500 KN force with electric power	Rs/Hr	219.17	1346.29	1565.46	218.32	1346.29	1564.61
PS-077	Concrete Cutter	Rs/Hr	19.74	583.06	602.8	19.68	583.06	602.74
PS-078	Piling Rig (dia up to 1m)	Rs/Hr	13444.92	16161.92	29606.84	13310.52	16094.72	29405.24
PS-079	Piling Rig (Dia 1m to 2m)	Rs/Hr	29011.37	28920.66	57932.03	28953.24	28891.59	57844.83

OWNING AND OPERATING RATES FOR PLANT AND EQUIPMENT

Codes	Description	Unit	Hafizabad			Jhang		
			Owning Cost	Operating Cost	Total Cost	Owning Cost	Operating Cost	Total Cost
PS-080	Vibrator (Poker 1.5 ")	Rs/Hr	4.5	661.12	665.62	4.49	661.12	665.61
PS-081	Percussion Boring Rig (Diesel)	Rs/Hr	2615.4	10341.34	12956.74	2581.8	10324.54	12906.34
PS-082	Concrete Pump 33 m with tuck chassis	Rs/Hr	2861.04	16423.74	19284.78	2783.76	16385.1	19168.86
PS-083	Girder Launcher (Erecting Capacity max 200 ton)	Rs/Hr	6900.77	5235.21	12135.98	6791.46	5192.58	11984.04
PS-084	Tripod & Chain Pulley (20 Ton)	Rs/Hr	113.33	889.85	1003.18	106.61	889.85	996.46
PS-085	Shotcrete Machine 5-8 cum/hr	Rs/Hr	390.62	2387.65	2778.27	389.77	2387.32	2777.09
PS-086	Concrete Slip form Paver 2 to 6m for Road Pavement	Rs/Hr	13343.41	15157.7	28501.11	13329.97	15157.7	28487.67
PS-087	Concrete Slip form Paver for Barrier,curbs,sidewalk up to 3 m	Rs/Hr	5870.76	8856.69	14727.45	5858.33	8856.69	14715.02
PR-088	Asphalt Static Mixer 1 Cum	Rs/Hr	680.51	1109.63	1790.14	676.31	1108.16	1784.47
PS-089	Straight Rotary machine up to 250 mm dia with all tools	Rs/Hr	141.47	1668.54	1810.01	138.11	1663.87	1801.98
PX-090	Submersible Slug Pump with 65 ft Head	Rs/Hr	15.58	96.75	112.33	15.54	96.74	112.28
PX-091	Tractor 80 HP	Rs/Hr	168.37	2961.34	3129.71	167.08	2961.34	3128.42
PX-092	Tractor 50 HP	Rs/Hr	67.83	1891.02	1958.85	67.14	1891.02	1958.16
PX-093	Water Tank Bowser Type 12000 Liter	Rs/Hr	679.67	5990.05	6669.72	672.11	5990.05	6662.16
PX-094	Water Tank Tow Type 4000 Liter (Including Tractor)	Rs/Hr	173.63	2038.92	2212.55	169.99	2038.92	2208.91
PX-095	Flat Body Truck pay load upto 8 ton	Rs/Hr	375.99	5505.26	5881.25	374.11	5505.26	5879.37
PX-096	Sedan Car 1300 cc	Rs/Hr	253.04	2158.92	2411.96	252.5	2158.92	2411.42
PX-097	Sedan Car 1000 cc	Rs/Hr	202.49	1458.93	1661.42	202.06	1458.93	1660.99
PX-098	Pickup 2800 cc 4 x 4	Rs/Hr	644.5	2673.84	3318.34	643.65	2673.84	3317.49
PX-099	Pickup 2200 cc 4 x 2	Rs/Hr	357.29	1814.71	2172	356.43	1814.71	2171.14
PX-100	Pickup 800 cc 4 x 2	Rs/Hr	101.53	897.22	998.75	101.25	897.22	998.47
PX-101	Jeep 1300 cc 4 x 4	Rs/Hr	416.54	1543.17	1959.71	416.2	1543.17	1959.37
PX-102	Trailer Low Bed 30 ton	Rs/Hr	947.82	6560.08	7507.9	943.39	6560.08	7503.47
PX-103	Crane up to 55 Ton	Rs/Hr	3057.36	10577.52	13634.88	3043.29	10577.52	13620.81
PX-104	Crane Upto 25 ton	Rs/Hr	1926.76	9377.53	11304.29	1915.71	9377.53	11293.24
PX-105	Electric Diaphragm Pump	Rs/Hr	29.32	139.05	168.37	29.11	138.97	168.08
PX-106	Sand Blasting Machine	Rs/Hr	309.34	1000.41	1309.75	309.08	1000.41	1309.49
PX-107	Dump Truck 30 ton (18 cum)	Rs/Hr	2039.01	10297.72	12336.73	2034.98	10297.72	12332.7
PX-108	Tractor with Trolley (8 ton)	Rs/Hr	165.77	2674.13	2839.9	164.81	2674.13	2838.94
PX-109	Welding Plant	Rs/Hr	3.01	98.71	101.72	2.97	98.7	101.67
PX-110	Generator (Diesel) 150 kVa	Rs/Hr	170.81	7476.26	7647.07	170.13	7475.99	7646.12
PX-111	Generator (Diesel) 250 kVa	Rs/Hr	305.12	11135.39	11440.51	304.16	11135.02	11439.18
PX-112	Diesel Tanker 25000 Liter with Pump	Rs/Hr	678.55	7619.57	8298.12	666.79	7619.57	8286.36
PX-113	Forging /Shape Machine	Rs/Hr	32.1	659.9	692	31.89	659.9	691.79
PX-114	Generator (Diesel) 50 KVA	Rs/Hr	89.62	2711.89	2801.51	89.28	2711.75	2801.03
PX-115	Diesel Tanker 12000 Liter with Pump	Rs/Hr	348.83	4151.56	4500.39	340.43	4151.56	4491.99
PX-116	Diesel Tanker 5000 Liter with Pump	Rs/Hr	268.92	3218.56	3487.48	264.83	3218.56	3483.39
PX-117	Diesel Generator 20 KVA	Rs/Hr	64.92	2069.78	2134.7	64.69	2069.69	2134.38
PX-118	Diesel Generator 5 KVA	Rs/Hr	13.46	1030.92	1044.38	13.43	1030.91	1044.34
PX-119	Steel Rolling Machine	Rs/Hr	85.1	417.7	502.8	83.76	417.18	500.94
PX-120	Diesel Generator 13 KVA	Rs/Hr	63.06	1496.37	1559.43	63.03	1496.36	1559.39

OWNING AND OPERATING RATES FOR PLANT AND EQUIPMENT

Codes	Description	Unit	Jhelum			Kasur		
			Owning Cost	Operating Cost	Total Cost	Owning Cost	Operating Cost	Total Cost
PE-001	Bulldozer-264 HP (Crawler Dozer-Track Type) with Blade Capacity 7 cum	Rs/Hr	4533.6	10996.69	15530.29	4524.67	10996.69	15521.36
PE-002	Bulldozer-200 HP (Crawler Dozer-Track Type) with Blade Capacity 4.4 cum	Rs/Hr	3027.93	8999.19	12027.12	3021.33	8999.19	12020.52
PE-003	Bulldozer-130 HP (Crawler Dozer-Track Type) with Blade Capacity 2.7 cum	Rs/Hr	2757.26	7057.14	9814.4	2753.33	7057.14	9810.47
PE-004	Wheel Loader 187HP with Bucket Capacity 3.3 cum	Rs/Hr	3609.91	7473.47	11083.38	3604.72	7473.47	11078.19
PE-005	Wheel Loader 166 HP with Bucket Capacity 2.8 cum	Rs/Hr	2849.75	6511.91	9361.66	2845.43	6511.91	9357.34
PE-006	Wheel Loader 135 HP with Bucket Capacity 1.90 cum	Rs/Hr	2653.81	5472.45	8126.26	2650.4	5472.45	8122.85
PE-008	Dumper loading Capacity 18 T	Rs/Hr	1519.09	3265.27	4784.36	1514.83	3265.27	4780.1
PE-009	Dumper loading Capacity 10 T	Rs/Hr	897.42	3064.61	3962.03	894.93	3064.61	3959.54
PE-010	Excavator (Track Type) 100 HP	Rs/Hr	2356.52	7955.64	10312.16	2349.69	7955.64	10305.33
PE-011	Compressor 300 CFM	Rs/Hr	413.66	7411.39	7825.05	413.02	7411.39	7824.41
PE-012	Rock Driller -Pneumatic-plug	Rs/Hr	21.59	612.2	633.79	21.59	612.2	633.79
PE-013	Electric Saw	Rs/Hr	1.38	575.15	576.53	1.38	575.15	576.53
PE-014	Petrol Motorized Chain Saw	Rs/Hr	8.84	401.33	410.17	8.84	349.48	358.32
PE-015	Electric Breaker (Demolition Hammer)	Rs/Hr	15.69	577.47	593.16	15.68	577.47	593.15
PE-016	Plate Compactor	Rs/Hr	86.74	1063.25	1149.99	86.58	1063.18	1149.76
PE-017	Pugmill 40 Tons per hour	Rs/Hr	1384.44	8928.24	10312.68	1322.59	8928.24	10250.83
PR-018	Combination Roller 18 T Single drum Pad/Sheep Foot Compactor	Rs/Hr	2213.04	6626.66	8839.7	2209.26	6626.62	8835.88
PR-019	Combination Roller 12 T (Single drum Pad/Sheep Foot Compactor)	Rs/Hr	1485.36	5171.42	6656.78	1481.68	5171.38	6653.06
PR-020	Combination Roller 8T (Single drum Pad/Sheep Foot Compactor)	Rs/Hr	1404.61	5123.99	6528.6	1401.12	5123.96	6525.08
PE-021	Excavator (Track Type) 168 HP with Bucket Capacity 0.8 cum	Rs/Hr	2588.45	8327.03	10915.48	2581.14	8327.03	10908.17
PE-022	Excavator (Track Type) 250 HP with Bucket Capacity 1.4 cum	Rs/Hr	2908.17	11007.26	13915.43	2898.25	11007.26	13905.51
PE-023	Excavator (Track Type) 345 HP with Bucket Capacity 2.2 cum	Rs/Hr	3482.2	13951.86	17434.06	3468.88	13951.86	17420.74
PE-024	Jack Hammer side type for Excavator (Track Type) 168 HP with Bucket Capacity 0.9 cum	Rs/Hr	144.96	518.38	663.34	144.03	517.55	661.58
PE-025	Jack Hammer side type for Excavator (Track Type) 265/340 HP with Bucket Capacity 1.6/2.3 cum	Rs/Hr	302.3	658.41	960.71	300.7	656.99	957.69
PS-026	Pipe Layer with lifting weight upto 25 Ton	Rs/Hr	2265.21	8384.47	10649.68	2256.43	8384.47	10640.9
PR-031	Motor Grader 250HP with Blade length 4.32m	Rs/Hr	4014.44	9804.54	13818.98	4008.28	9804.54	13812.82
PR-032	Motor Grader 218HP with Blade length 4.32m	Rs/Hr	3510.05	8032.74	11542.79	3504.96	8032.74	11537.7
PR-033	Tandem Roller 12 T	Rs/Hr	1780.3	4811.94	6592.24	1776.63	4811.9	6588.53
PR-034	Tandem Roller 8 T	Rs/Hr	1275.1	4547.97	5823.07	1272.14	4547.93	5820.07
PR-035	Tandem Roller 6 T	Rs/Hr	1179.29	2874.33	4053.62	1176.33	2874.3	4050.63
PR-036	Tandem Roller 1.50 T	Rs/Hr	423.84	2197.13	2620.97	423.3	2197.12	2620.42
PR-037	Combination Roller 18 T Single drum Plain Compactor	Rs/Hr	2014.83	5889.33	7904.16	2011.05	5889.33	7900.38
PR-038	Combination Roller 12 T (Single drum Plain Compactor)	Rs/Hr	1353.22	5154.82	6508.04	1349.54	5154.78	6504.32
PR-039	Combination Roller 8T (Single drum Plain Compactor)	Rs/Hr	1279.65	5113.25	6392.9	1276.17	5113.21	6389.38
PR-040	P.T.R. (8 - Wheeler) 24 T	Rs/Hr	1447.52	4667.15	6114.67	1439.86	4667.11	6106.97
PR-041	P.T.R. (8 - Wheeler) 18 T	Rs/Hr	1351.71	4596.3	5948.01	1344.05	4596.3	5940.35
PR-043	Tandem Roller 10 T	Rs/Hr	1391.45	4731.98	6123.43	1388.43	4731.95	6120.38
PR-044	Power Broom	Rs/Hr	30.18	416.22	446.4	27.99	414.27	442.26
PR-045	Bitumen Dist. Tow Type 2000 Liter	Rs/Hr	207.49	1309.19	1516.68	206.66	1309.19	1515.85
PR-046	Bitumen Sprayer (Manual) 250 gallon	Rs/Hr	26.02	614.93	640.95	24.95	614.51	639.46
PR-047	Chip Spreader up to 3M Wide (attachment)	Rs/Hr	292.51	1428.69	1721.2	288.84	1427.26	1716.1
PR-048	Asphalt Plant 140 T	Rs/Hr	22451.25	29408.13	51859.38	22389.4	29377.2	51766.6
PR-049	Asphalt Plant 120 T	Rs/Hr	21684.58	27090.81	48775.39	21646.08	27071.56	48717.64
PR-050	Asphalt Plant 40 T	Rs/Hr	4798.88	13102	17900.88	4769.15	13087.13	17856.28
PR-051	Asphalt Plant 20 T	Rs/Hr	3812.81	6394.25	10207.06	3792.26	6383.97	10176.23
PR-052	Asphalt Paver basic width 3m,max 5.9m Wide	Rs/Hr	7654.66	13397.34	21052	7649.04	13394.53	21043.57
PR-053	Asphalt Paver (width 2.4-4.7 m)	Rs/Hr	7255.55	13464.63	20720.18	7250.73	13462.22	20712.95
PR-054	Cold Milling Machine 2 M Wide	Rs/Hr	6000.11	14074.1	20074.21	5986.59	14074.1	20060.69
PR-055	Hand Push high Pressure Cold and Rubber Paint Marking Machine	Rs/Hr	532.78	974.23	1507.01	531.85	974.23	1506.08
PR-056	Aggregate Spreader Up to 3M Wide	Rs/Hr	7255.55	13464.63	20720.18	7250.73	13462.22	20712.95
PR-057	Asphalt Cutter	Rs/Hr	19.77	583.06	602.83	19.71	583.06	602.77
PR-058	Rock Crushing & Screening (200 T/Hr)	Rs/Hr	9926.49	5763.74	15690.23	9886.59	5749.78	15636.37
PR-060	Asphalt Recycling Machine 0 to 60mm depth - 3 to 4m width 120 tons/hr	Rs/Hr	36488.12	19696.89	56185.01	36465.18	19696.89	56162.07
PR-061	Hand Push Thermoplastic Road Marking Machine with double cylinder preheater	Rs/Hr	1030.83	1692.14	2722.97	1023	1692.14	2715.14
PR-062	Cordless Drill Machine	Rs/Hr	1.67	571.14	572.81	1.67	571.14	572.81
PR-063	Crawler Rock driller	Rs/Hr	2531.1	8121.13	10652.23	2527.59	8121.13	10648.72
PS-064	Grouting Machine(electric) out put 3.6 cum/hr	Rs/Hr	52.26	1294.79	1347.05	51.96	1294.79	1346.75
PS-065	Hydraulic jack with pump upto 2000 Ton	Rs/Hr	467.06	1328.28	1795.34	465.06	1328.28	1793.34
PR-066	Guard Rail Pile Driver Machine	Rs/Hr	267.58	2048.14	2315.72	261.95	2048.14	2310.09
PS-071	Concrete Batching Plant 25m3/hr	Rs/Hr	5297.15	5820.28	11117.43	5289.17	5817.48	11106.65
PS-072	Concrete Static Mixer 1 Cum	Rs/Hr	876.76	1178.32	2055.08	872.77	1176.92	2049.69
PS-073	Concrete Static Mixer 1/4 Cum	Rs/Hr	79.61	1061.82	1141.43	75.62	1060.43	1136.05
PS-074	Concrete Transit Mixer 6 Cum	Rs/Hr	2411.97	3099.33	5511.3	2407.19	3099.33	5506.52
PS-075	Concrete Transit Mixer 4 Cum	Rs/Hr	1476.98	2712.08	4189.06	1472.99	2712.08	4185.07
PS-076	Stressing Equipment for 6500 KN force with electric power	Rs/Hr	219.56	1346.29	1565.85	218.74	1346.29	1565.03
PS-077	Concrete Cutter	Rs/Hr	19.77	583.06	602.83	19.71	583.06	602.77
PS-078	Piling Rig (dia up to 1m)	Rs/Hr	13505.4	16192.16	29697.56	13377.72	16128.32	29506.04
PS-079	Piling Rig (Dia 1m to 2m)	Rs/Hr	29037.53	28933.74	57971.27	28982.31	28906.13	57888.44

OWNING AND OPERATING RATES FOR PLANT AND EQUIPMENT

Codes	Description	Unit	Jhelum			Kasur		
			Owning Cost	Operating Cost	Total Cost	Owning Cost	Operating Cost	Total Cost
PS-080	Vibrator (Poker 1.5 ")	Rs/Hr	4.5	661.12	665.62	4.5	661.12	665.62
PS-081	Percussion Boring Rig (Diesel)	Rs/Hr	2630.52	10348.9	12979.42	2598.6	10332.94	12931.54
PS-082	Concrete Pump 33 m with tuck chassis	Rs/Hr	2895.82	16441.13	19336.95	2822.4	16404.42	19226.82
PS-083	Girder Launcher (Erecting Capacity max 200 ton)	Rs/Hr	6949.96	5254.39	12204.35	6846.11	5213.89	12060
PS-084	Tripod & Chain Pulley (20 Ton)	Rs/Hr	116.36	889.85	1006.21	109.97	889.85	999.82
PS-085	Shotcrete Machine 5-8 cum/hr	Rs/Hr	391	2387.8	2778.8	390.2	2387.49	2777.69
PS-086	Concrete Slip form Paver 2 to 6m for Road Pavement	Rs/Hr	13349.46	15157.7	28507.16	13336.69	15157.7	28494.39
PS-087	Concrete Slip form Paver for Barrier,curbs,sidewalk up to 3 m	Rs/Hr	5876.36	8856.69	14733.05	5864.55	8856.69	14721.24
PR-088	Asphalt Static Mixer 1 Cum	Rs/Hr	682.4	1110.29	1792.69	678.41	1108.89	1787.3
PS-089	Straight Rotary machine up to 250 mm dia with all tools	Rs/Hr	142.98	1670.64	1813.62	139.79	1666.21	1806
PX-090	Submersible Slug Pump with 65 ft Head	Rs/Hr	15.6	96.76	112.36	15.56	96.74	112.3
PX-091	Tractor 80 HP	Rs/Hr	168.95	2961.34	3130.29	167.73	2961.34	3129.07
PX-092	Tractor 50 HP	Rs/Hr	68.14	1891.02	1959.16	67.49	1891.02	1958.51
PX-093	Water Tank Bowser Type 12000 Liter	Rs/Hr	683.07	5990.05	6673.12	675.89	5990.05	6665.94
PX-094	Water Tank Tow Type 4000 Liter (Including Tractor)	Rs/Hr	175.26	2038.92	2214.18	171.81	2038.92	2210.73
PX-095	Flat Body Truck pay load upto 8 ton	Rs/Hr	376.84	5505.26	5882.1	375.05	5505.26	5880.31
PX-096	Sedan Car 1300 cc	Rs/Hr	253.28	2158.92	2412.2	252.77	2158.92	2411.69
PX-097	Sedan Car 1000 cc	Rs/Hr	202.69	1458.93	1661.62	202.27	1458.93	1661.2
PX-098	Pickup 2800 cc 4 x 4	Rs/Hr	644.89	2673.84	3318.73	644.08	2673.84	3317.92
PX-099	Pickup 2200 cc 4 x 2	Rs/Hr	357.67	1814.71	2172.38	356.86	1814.71	2171.57
PX-100	Pickup 800 cc 4 x 2	Rs/Hr	101.65	897.22	998.87	101.39	897.22	998.61
PX-101	Jeep 1300 cc 4 x 4	Rs/Hr	416.69	1543.17	1959.86	416.37	1543.17	1959.54
PX-102	Trailer Low Bed 30 ton	Rs/Hr	949.82	6560.08	7509.9	945.61	6560.08	7505.69
PX-103	Crane up to 55 Ton	Rs/Hr	3063.69	10577.52	13641.21	3050.33	10577.52	13627.85
PX-104	Crane Upto 25 ton	Rs/Hr	1931.73	9377.53	11309.26	1921.23	9377.53	11298.76
PX-105	Electric Diaphragm Pump	Rs/Hr	29.41	139.09	168.5	29.21	139.01	168.22
PX-106	Sand Blasting Machine	Rs/Hr	309.46	1000.41	1309.87	309.21	1000.41	1309.62
PX-107	Dump Truck 30 ton (18 cum)	Rs/Hr	2040.82	10297.72	12338.54	2036.99	10297.72	12334.71
PX-108	Tractor with Trolley (8 ton)	Rs/Hr	166.2	2674.13	2840.33	165.29	2674.13	2839.42
PX-109	Welding Plant	Rs/Hr	3.02	98.72	101.74	2.99	98.71	101.7
PX-110	Generator (Diesel) 150 kVa	Rs/Hr	171.12	7476.38	7647.5	170.47	7476.13	7646.6
PX-111	Generator (Diesel) 250 kVa	Rs/Hr	305.55	11135.56	11441.11	304.64	11135.21	11439.85
PX-112	Diesel Tanker 25000 Liter with Pump	Rs/Hr	683.84	7619.57	8303.41	672.67	7619.57	8292.24
PX-113	Forging /Shape Machine	Rs/Hr	32.2	659.9	692.1	32	659.9	691.9
PX-114	Generator (Diesel) 50 KVA	Rs/Hr	89.77	2711.94	2801.71	89.45	2711.82	2801.27
PX-115	Diesel Tanker 12000 Liter with Pump	Rs/Hr	352.61	4151.56	4504.17	344.63	4151.56	4496.19
PX-116	Diesel Tanker 5000 Liter with Pump	Rs/Hr	270.76	3218.56	3489.32	266.88	3218.56	3485.44
PX-117	Diesel Generator 20 KVA	Rs/Hr	65.02	2069.82	2134.84	64.8	2069.74	2134.54
PX-118	Diesel Generator 5 KVA	Rs/Hr	13.47	1030.92	1044.39	13.44	1030.91	1044.35
PX-119	Steel Rolling Machine	Rs/Hr	85.7	417.93	503.63	84.43	417.44	501.87
PX-120	Diesel Generator 13 KVA	Rs/Hr	63.08	1496.38	1559.46	63.05	1496.37	1559.42

OWNING AND OPERATING RATES FOR PLANT AND EQUIPMENT

Codes	Description	Unit	Khanewal			Khushab		
			Owning Cost	Operating Cost	Total Cost	Owning Cost	Operating Cost	Total Cost
PE-001	Bulldozer-264 HP (Crawler Dozer-Track Type) with Blade Capacity 7 cum	Rs/Hr	4511.7	10996.69	15508.39	4523.46	10996.69	15520.15
PE-002	Bulldozer-200 HP (Crawler Dozer-Track Type) with Blade Capacity 4.4 cum	Rs/Hr	3011.76	8999.19	12010.95	3020.45	8999.19	12019.64
PE-003	Bulldozer-130 HP (Crawler Dozer-Track Type) with Blade Capacity 2.7 cum	Rs/Hr	2747.64	7057.14	9804.78	2752.8	7057.14	9809.94
PE-004	Wheel Loader 187HP with Bucket Capacity 3.3 cum	Rs/Hr	3597.2	7473.47	11070.67	3604.02	7473.47	11077.49
PE-005	Wheel Loader 166 HP with Bucket Capacity 2.8 cum	Rs/Hr	2839.18	6511.91	9351.09	2844.85	6511.91	9356.76
PE-006	Wheel Loader 135 HP with Bucket Capacity 1.90 cum	Rs/Hr	2645.44	5472.45	8117.89	2649.94	5472.45	8122.39
PE-008	Dumper loading Capacity 18 T	Rs/Hr	1508.66	3265.27	4773.93	1514.26	3265.27	4779.53
PE-009	Dumper loading Capacity 10 T	Rs/Hr	891.32	3064.61	3955.93	894.6	3064.61	3959.21
PE-010	Excavator (Track Type) 100 HP	Rs/Hr	2339.79	7955.64	10295.43	2348.77	7955.64	10304.41
PE-011	Compressor 300 CFM	Rs/Hr	412.08	7411.39	7823.47	412.93	7411.39	7824.32
PE-012	Rock Driller -Pneumatic-plug	Rs/Hr	21.58	612.2	633.78	21.58	612.2	633.78
PE-013	Electric Saw	Rs/Hr	1.38	575.15	576.53	1.38	575.15	576.53
PE-014	Petrol Motorized Chain Saw	Rs/Hr	8.84	365.69	374.53	8.84	370.95	379.79
PE-015	Electric Breaker (Demolition Hammer)	Rs/Hr	15.67	577.47	593.14	15.68	577.47	593.15
PE-016	Plate Compactor	Rs/Hr	86.34	1063.09	1149.43	86.56	1063.18	1149.74
PE-017	Pugmill 40 Tons per hour	Rs/Hr	1232.9	8928.24	10161.14	1314.27	8928.24	10242.51
PR-018	Combination Roller 18 T Single drum Pad/Sheep Foot Compactor	Rs/Hr	2203.77	6626.56	8830.33	2208.75	6626.61	8835.36
PR-019	Combination Roller 12 T (Single drum Pad/Sheep Foot Compactor)	Rs/Hr	1476.34	5171.32	6647.66	1481.19	5171.38	6652.57
PR-020	Combination Roller 8T (Single drum Pad/Sheep Foot Compactor)	Rs/Hr	1396.07	5123.9	6519.97	1400.66	5123.95	6524.61
PE-021	Excavator (Track Type) 168 HP with Bucket Capacity 0.8 cum	Rs/Hr	2570.54	8327.03	10897.57	2580.16	8327.03	10907.19
PE-022	Excavator (Track Type) 250 HP with Bucket Capacity 1.4 cum	Rs/Hr	2883.85	11007.26	13891.11	2896.91	11007.26	13904.17
PE-023	Excavator (Track Type) 345 HP with Bucket Capacity 2.2 cum	Rs/Hr	3449.56	13951.86	17401.42	3467.09	13951.86	17418.95
PE-024	Jack Hammer side type for Excavator (Track Type) 168 HP with Bucket Capacity 0.9 cum	Rs/Hr	142.68	516.35	659.03	143.91	517.44	661.35
PE-025	Jack Hammer side type for Excavator (Track Type) 265/340 HP with Bucket Capacity 1.6/2.3 cum	Rs/Hr	298.39	654.93	953.32	300.49	656.8	957.29
PS-026	Pipe Layer with lifting weight upto 25 Ton	Rs/Hr	2243.7	8384.47	10628.17	2255.25	8384.47	10639.72
PR-031	Motor Grader 250HP with Blade length 4.32m	Rs/Hr	3999.35	9804.54	13803.89	4007.45	9804.54	13811.99
PR-032	Motor Grader 218HP with Blade length 4.32m	Rs/Hr	3497.58	8032.74	11530.32	3504.28	8032.74	11537.02
PR-033	Tandem Roller 12 T	Rs/Hr	1771.3	4811.84	6583.14	1776.13	4811.9	6588.03
PR-034	Tandem Roller 8 T	Rs/Hr	1267.86	4547.89	5815.75	1271.75	4547.93	5819.68
PR-035	Tandem Roller 6 T	Rs/Hr	1172.04	2874.25	4046.29	1175.93	2874.29	4050.22
PR-036	Tandem Roller 1.50 T	Rs/Hr	422.51	2197.11	2619.62	423.22	2197.12	2620.34
PR-037	Combination Roller 18 T Single drum Plain Compactor	Rs/Hr	2005.56	5889.33	7894.89	2010.54	5889.33	7899.87
PR-038	Combination Roller 12 T (Single drum Plain Compactor)	Rs/Hr	1344.2	5154.73	6498.93	1349.05	5154.78	6503.83
PR-039	Combination Roller 8T (Single drum Plain Compactor)	Rs/Hr	1271.12	5113.15	6384.27	1275.7	5113.2	6388.9
PR-040	P.T.R. (8 - Wheeler) 24 T	Rs/Hr	1428.75	4667.06	6095.81	1438.83	4667.11	6105.94
PR-041	P.T.R. (8 - Wheeler) 18 T	Rs/Hr	1332.94	4596.3	5929.24	1343.02	4596.3	5939.32
PR-043	Tandem Roller 10 T	Rs/Hr	1384.04	4731.9	6115.94	1388.02	4731.94	6119.96
PR-044	Power Broom	Rs/Hr	24.8	411.44	436.24	27.69	414.01	441.7
PR-045	Bitumen Dist. Tow Type 2000 Liter	Rs/Hr	205.46	1309.19	1514.65	206.55	1309.19	1515.74
PR-046	Bitumen Sprayer (Manual) 250 gallon	Rs/Hr	23.41	613.91	637.32	24.81	614.46	639.27
PR-047	Chip Spreader up to 3M Wide (attachment)	Rs/Hr	283.52	1425.19	1708.71	288.35	1427.07	1715.42
PR-048	Asphalt Plant 140 T	Rs/Hr	22299.71	29332.36	51632.07	22381.09	29373.05	51754.14
PR-049	Asphalt Plant 120 T	Rs/Hr	21590.24	27043.64	48633.88	21640.9	27068.97	48709.87
PR-050	Asphalt Plant 40 T	Rs/Hr	4726.04	13065.58	17791.62	4765.15	13085.13	17850.28
PR-051	Asphalt Plant 20 T	Rs/Hr	3762.46	6369.07	10131.53	3789.5	6382.59	10172.09
PR-052	Asphalt Paver basic width 3m,max 5.9m Wide	Rs/Hr	7640.89	13390.46	21031.35	7648.29	13394.16	21042.45
PR-053	Asphalt Paver (width 2.4-4.7 m)	Rs/Hr	7243.74	13458.72	20702.46	7250.08	13461.89	20711.97
PR-054	Cold Milling Machine 2 M Wide	Rs/Hr	5966.97	14074.1	20041.07	5984.77	14074.1	20058.87
PR-055	Hand Push high Pressure Cold and Rubber Paint Marking Machine	Rs/Hr	530.51	974.23	1504.74	531.73	974.23	1505.96
PR-056	Aggregate Spreader Up to 3M Wide	Rs/Hr	7243.74	13458.72	20702.46	7250.08	13461.89	20711.97
PR-057	Asphalt Cutter	Rs/Hr	19.62	583.06	602.68	19.7	583.06	602.76
PR-058	Rock Crushing & Screening (200 T/Hr)	Rs/Hr	9828.72	5729.52	15558.24	9881.22	5747.9	15629.12
PR-060	Asphalt Recycling Machine 0 to 60mm depth - 3 to 4m width 120 tons/hr	Rs/Hr	36431.92	19696.89	56128.81	36462.1	19696.89	56158.99
PR-061	Hand Push Thermoplastic Road Marking Machine with double cylinder preheater	Rs/Hr	1011.65	1692.14	2703.79	1021.95	1692.14	2714.09
PR-062	Cordless Drill Machine	Rs/Hr	1.67	571.14	572.81	1.67	571.14	572.81
PR-063	Crawler Rock driller	Rs/Hr	2522.5	8121.13	10643.63	2527.12	8121.13	10648.25
PS-064	Grouting Machine(electric) out put 3.6 cum/hr	Rs/Hr	51.52	1294.79	1346.31	51.91	1294.79	1346.7
PS-065	Hydraulic jack with pump upto 2000 Ton	Rs/Hr	462.17	1328.28	1790.45	464.8	1328.28	1793.08
PR-066	Guard Rail Pile Driver Machine	Rs/Hr	253.79	2048.14	2301.93	261.19	2048.14	2309.33
PS-071	Concrete Batching Plant 25m3/hr	Rs/Hr	5277.6	5813.44	11091.04	5288.1	5817.11	11105.21
PS-072	Concrete Static Mixer 1 Cum	Rs/Hr	866.99	1174.9	2041.89	872.24	1176.74	2048.98
PS-073	Concrete Static Mixer 1/4 Cum	Rs/Hr	69.84	1058.41	1128.25	75.09	1060.24	1135.33
PS-074	Concrete Transit Mixer 6 Cum	Rs/Hr	2400.24	3099.33	5499.57	2406.54	3099.33	5505.87
PS-075	Concrete Transit Mixer 4 Cum	Rs/Hr	1467.21	2712.08	4179.29	1472.46	2712.08	4184.54
PS-076	Stressing Equipment for 6500 KN force with electric power	Rs/Hr	217.56	1346.29	1563.85	218.63	1346.29	1564.92
PS-077	Concrete Cutter	Rs/Hr	19.62	583.06	602.68	19.7	583.06	602.76
PS-078	Piling Rig (dia up to 1m)	Rs/Hr	13192.55	16035.74	29228.29	13360.55	16119.74	29480.29
PS-079	Piling Rig (Dia 1m to 2m)	Rs/Hr	28902.22	28866.08	57768.3	28974.88	28902.41	57877.29

OWNING AND OPERATING RATES FOR PLANT AND EQUIPMENT

Codes	Description	Unit	Khanewal			Khushab		
			Owning Cost	Operating Cost	Total Cost	Owning Cost	Operating Cost	Total Cost
PS-080	Vibrator (Poker 1.5 ")	Rs/Hr	4.49	661.12	665.61	4.49	661.12	665.61
PS-081	Percussion Boring Rig (Diesel)	Rs/Hr	2552.31	10309.8	12862.11	2594.31	10330.8	12925.11
PS-082	Concrete Pump 33 m with tuck chassis	Rs/Hr	2715.93	16351.18	19067.11	2812.53	16399.48	19212.01
PS-083	Girder Launcher (Erecting Capacity max 200 ton)	Rs/Hr	6695.51	5155.16	11850.67	6832.15	5208.45	12040.6
PS-084	Tripod & Chain Pulley (20 Ton)	Rs/Hr	100.72	889.85	990.57	109.12	889.85	998.97
PS-085	Shotcrete Machine 5-8 cum/hr	Rs/Hr	389.03	2387.03	2776.06	390.09	2387.44	2777.53
PS-086	Concrete Slip form Paver 2 to 6m for Road Pavement	Rs/Hr	13318.18	15157.7	28475.88	13334.98	15157.7	28492.68
PS-087	Concrete Slip form Paver for Barrier,curbs,sidewalk up to 3 m	Rs/Hr	5847.42	8856.69	14704.11	5862.96	8856.69	14719.65
PR-088	Asphalt Static Mixer 1 Cum	Rs/Hr	672.62	1106.87	1779.49	677.87	1108.71	1786.58
PS-089	Straight Rotary machine up to 250 mm dia with all tools	Rs/Hr	135.16	1659.77	1794.93	139.36	1665.61	1804.97
PX-090	Submersible Slug Pump with 65 ft Head	Rs/Hr	15.5	96.72	112.22	15.55	96.74	112.29
PX-091	Tractor 80 HP	Rs/Hr	165.96	2961.34	3127.3	167.56	2961.34	3128.9
PX-092	Tractor 50 HP	Rs/Hr	66.53	1891.02	1957.55	67.4	1891.02	1958.42
PX-093	Water Tank Bowser Type 12000 Liter	Rs/Hr	665.47	5990.05	6655.52	674.92	5990.05	6664.97
PX-094	Water Tank Tow Type 4000 Liter (Including Tractor)	Rs/Hr	166.8	2038.92	2205.72	171.34	2038.92	2210.26
PX-095	Flat Body Truck pay load upto 8 ton	Rs/Hr	372.46	5505.26	5877.72	374.81	5505.26	5880.07
PX-096	Sedan Car 1300 cc	Rs/Hr	252.03	2158.92	2410.95	252.7	2158.92	2411.62
PX-097	Sedan Car 1000 cc	Rs/Hr	201.68	1458.93	1660.61	202.22	1458.93	1661.15
PX-098	Pickup 2800 cc 4 x 4	Rs/Hr	642.9	2673.84	3316.74	643.97	2673.84	3317.81
PX-099	Pickup 2200 cc 4 x 2	Rs/Hr	355.68	1814.71	2170.39	356.75	1814.71	2171.46
PX-100	Pickup 800 cc 4 x 2	Rs/Hr	101.01	897.22	998.23	101.35	897.22	998.57
PX-101	Jeep 1300 cc 4 x 4	Rs/Hr	415.9	1543.17	1959.07	416.32	1543.17	1959.49
PX-102	Trailer Low Bed 30 ton	Rs/Hr	939.5	6560.08	7499.58	945.04	6560.08	7505.12
PX-103	Crane up to 55 Ton	Rs/Hr	3030.94	10577.52	13608.46	3048.53	10577.52	13626.05
PX-104	Crane Upto 25 ton	Rs/Hr	1906.01	9377.53	11283.54	1919.82	9377.53	11297.35
PX-105	Electric Diaphragm Pump	Rs/Hr	28.92	138.9	167.82	29.19	139	168.19
PX-106	Sand Blasting Machine	Rs/Hr	308.84	1000.41	1309.25	309.18	1000.41	1309.59
PX-107	Dump Truck 30 ton (18 cum)	Rs/Hr	2031.44	10297.72	12329.16	2036.48	10297.72	12334.2
PX-108	Tractor with Trolley (8 ton)	Rs/Hr	163.96	2674.13	2838.09	165.16	2674.13	2839.29
PX-109	Welding Plant	Rs/Hr	2.94	98.69	101.63	2.98	98.7	101.68
PX-110	Generator (Diesel) 150 kVa	Rs/Hr	169.54	7475.76	7645.3	170.39	7476.1	7646.49
PX-111	Generator (Diesel) 250 kVa	Rs/Hr	303.32	11134.69	11438.01	304.52	11135.16	11439.68
PX-112	Diesel Tanker 25000 Liter with Pump	Rs/Hr	656.47	7619.57	8276.04	671.17	7619.57	8290.74
PX-113	Forging /Shape Machine	Rs/Hr	31.71	659.9	691.61	31.97	659.9	691.87
PX-114	Generator (Diesel) 50 KVA	Rs/Hr	88.98	2711.64	2800.62	89.41	2711.8	2801.21
PX-115	Diesel Tanker 12000 Liter with Pump	Rs/Hr	333.05	4151.56	4484.61	343.55	4151.56	4495.11
PX-116	Diesel Tanker 5000 Liter with Pump	Rs/Hr	261.24	3218.56	3479.8	266.35	3218.56	3484.91
PX-117	Diesel Generator 20 KVA	Rs/Hr	64.49	2069.62	2134.11	64.77	2069.72	2134.49
PX-118	Diesel Generator 5 KVA	Rs/Hr	13.4	1030.89	1044.29	13.44	1030.91	1044.35
PX-119	Steel Rolling Machine	Rs/Hr	82.58	416.72	499.3	84.26	417.37	501.63
PX-120	Diesel Generator 13 KVA	Rs/Hr	63.01	1496.35	1559.36	63.05	1496.37	1559.42

OWNING AND OPERATING RATES FOR PLANT AND EQUIPMENT

Codes	Description	Unit	Lahore			Layyah		
			Owning Cost	Operating Cost	Total Cost	Owning Cost	Operating Cost	Total Cost
PE-001	Bulldozer-264 HP (Crawler Dozer-Track Type) with Blade Capacity 7 cum	Rs/Hr	4526.81	10996.69	15523.5	4513.48	10996.69	15510.17
PE-002	Bulldozer-200 HP (Crawler Dozer-Track Type) with Blade Capacity 4.4 cum	Rs/Hr	3022.92	8999.19	12022.11	3013.08	8999.19	12012.27
PE-003	Bulldozer-130 HP (Crawler Dozer-Track Type) with Blade Capacity 2.7 cum	Rs/Hr	2754.27	7057.14	9811.41	2748.42	7057.14	9805.56
PE-004	Wheel Loader 187HP with Bucket Capacity 3.3 cum	Rs/Hr	3605.97	7473.47	11079.44	3598.23	7473.47	11071.7
PE-005	Wheel Loader 166 HP with Bucket Capacity 2.8 cum	Rs/Hr	2846.47	6511.91	9358.38	2840.03	6511.91	9351.94
PE-006	Wheel Loader 135 HP with Bucket Capacity 1.90 cum	Rs/Hr	2651.21	5472.45	8123.66	2646.12	5472.45	8118.57
PE-008	Dumper loading Capacity 18 T	Rs/Hr	1515.85	3265.27	4781.12	1509.5	3265.27	4774.77
PE-009	Dumper loading Capacity 10 T	Rs/Hr	895.53	3064.61	3960.14	891.82	3064.61	3956.43
PE-010	Excavator (Track Type) 100 HP	Rs/Hr	2351.33	7955.64	10306.97	2341.15	7955.64	10296.79
PE-011	Compressor 300 CFM	Rs/Hr	413.17	7411.39	7824.56	412.21	7411.39	7823.6
PE-012	Rock Driller -Pneumatic-plug	Rs/Hr	21.59	612.2	633.79	21.58	612.2	633.78
PE-013	Electric Saw	Rs/Hr	1.38	575.15	576.53	1.38	575.15	576.53
PE-014	Petrol Motorized Chain Saw	Rs/Hr	8.84	366.41	375.25	8.84	342.21	351.05
PE-015	Electric Breaker (Demolition Hammer)	Rs/Hr	15.69	577.47	593.16	15.67	577.47	593.14
PE-016	Plate Compactor	Rs/Hr	86.62	1063.2	1149.82	86.37	1063.1	1149.47
PE-017	Pugmill 40 Tons per hour	Rs/Hr	1337.42	8928.24	10265.66	1245.19	8928.24	10173.43
PR-018	Combination Roller 18 T Single drum Pad/Sheep Foot Compactor	Rs/Hr	2210.16	6626.63	8836.79	2204.52	6626.57	8831.09
PR-019	Combination Roller 12 T (Single drum Pad/Sheep Foot Compactor)	Rs/Hr	1482.56	5171.39	6653.95	1477.08	5171.33	6648.41
PR-020	Combination Roller 8T (Single drum Pad/Sheep Foot Compactor)	Rs/Hr	1401.96	5123.96	6525.92	1396.77	5123.91	6520.68
PE-021	Excavator (Track Type) 168 HP with Bucket Capacity 0.8 cum	Rs/Hr	2582.9	8327.03	10909.93	2572	8327.03	10899.03
PE-022	Excavator (Track Type) 250 HP with Bucket Capacity 1.4 cum	Rs/Hr	2900.63	11007.26	13907.89	2885.82	11007.26	13893.08
PE-023	Excavator (Track Type) 345 HP with Bucket Capacity 2.2 cum	Rs/Hr	3472.07	13951.86	17423.93	3452.2	13951.86	17404.06
PE-024	Jack Hammer side type for Excavator (Track Type) 168 HP with Bucket Capacity 0.9 cum	Rs/Hr	144.26	517.75	662.01	142.87	516.52	659.39
PE-025	Jack Hammer side type for Excavator (Track Type) 265/340 HP with Bucket Capacity 1.6/2.3 cum	Rs/Hr	301.08	657.32	958.4	298.7	655.21	953.91
PS-026	Pipe Layer with lifting weight upto 25 Ton	Rs/Hr	2258.54	8384.47	10643.01	2245.45	8384.47	10629.92
PR-031	Motor Grader 250HP with Blade length 4.32m	Rs/Hr	4009.76	9804.54	13814.3	4000.57	9804.54	13805.11
PR-032	Motor Grader 218HP with Blade length 4.32m	Rs/Hr	3506.18	8032.74	11538.92	3498.59	8032.74	11531.33
PR-033	Tandem Roller 12 T	Rs/Hr	1777.51	4811.91	6589.42	1772.03	4811.85	6583.88
PR-034	Tandem Roller 8 T	Rs/Hr	1272.85	4547.94	5820.79	1268.44	4547.89	5816.33
PR-035	Tandem Roller 6 T	Rs/Hr	1177.04	2874.31	4051.35	1172.63	2874.26	4046.89
PR-036	Tandem Roller 1.50 T	Rs/Hr	423.43	2197.12	2620.55	422.62	2197.11	2619.73
PR-037	Combination Roller 18 T Single drum Plain Compactor	Rs/Hr	2011.95	5889.33	7901.28	2006.31	5889.33	7895.64
PR-038	Combination Roller 12 T (Single drum Plain Compactor)	Rs/Hr	1350.42	5154.79	6505.21	1344.94	5154.73	6499.67
PR-039	Combination Roller 8T (Single drum Plain Compactor)	Rs/Hr	1277	5113.22	6390.22	1271.81	5113.16	6384.97
PR-040	P.T.R. (8 - Wheeler) 24 T	Rs/Hr	1441.7	4667.12	6108.82	1430.27	4667.07	6097.34
PR-041	P.T.R. (8 - Wheeler) 18 T	Rs/Hr	1345.89	4596.3	5942.19	1334.46	4596.3	5930.76
PR-043	Tandem Roller 10 T	Rs/Hr	1389.15	4731.96	6121.11	1384.64	4731.91	6116.55
PR-044	Power Broom	Rs/Hr	28.51	414.74	443.25	25.24	411.83	437.07
PR-045	Bitumen Dist. Tow Type 2000 Liter	Rs/Hr	206.86	1309.19	1516.05	205.62	1309.19	1514.81
PR-046	Bitumen Sprayer (Manual) 250 gallon	Rs/Hr	25.21	614.62	639.83	23.62	614	637.62
PR-047	Chip Spreader up to 3M Wide (attachment)	Rs/Hr	289.72	1427.6	1717.32	284.25	1425.47	1709.72
PR-048	Asphalt Plant 140 T	Rs/Hr	22404.23	29384.62	51788.85	22312.01	29338.51	51650.52
PR-049	Asphalt Plant 120 T	Rs/Hr	21655.31	27076.17	48731.48	21597.89	27047.46	48645.35
PR-050	Asphalt Plant 40 T	Rs/Hr	4776.28	13090.7	17866.98	4731.95	13068.53	17800.48
PR-051	Asphalt Plant 20 T	Rs/Hr	3797.19	6386.44	10183.63	3766.54	6371.11	10137.65
PR-052	Asphalt Paver basic width 3m,max 5.9m Wide	Rs/Hr	7650.39	13395.21	21045.6	7642.01	13391.02	21033.03
PR-053	Asphalt Paver (width 2.4-4.7 m)	Rs/Hr	7251.88	13462.79	20714.67	7244.7	13459.2	20703.9
PR-054	Cold Milling Machine 2 M Wide	Rs/Hr	5989.83	14074.1	20063.93	5969.66	14074.1	20043.76
PR-055	Hand Push high Pressure Cold and Rubber Paint Marking Machine	Rs/Hr	532.07	974.23	1506.3	530.69	974.23	1504.92
PR-056	Aggregate Spreader Up to 3M Wide	Rs/Hr	7251.88	13462.79	20714.67	7244.7	13459.2	20703.9
PR-057	Asphalt Cutter	Rs/Hr	19.72	583.06	602.78	19.64	583.06	602.7
PR-058	Rock Crushing & Screening (200 T/Hr)	Rs/Hr	9896.16	5753.12	15649.28	9836.66	5732.3	15568.96
PR-060	Asphalt Recycling Machine 0 to 60mm depth - 3 to 4m width 120 tons/hr	Rs/Hr	36470.68	19696.89	56167.57	36436.48	19696.89	56133.37
PR-061	Hand Push Thermoplastic Road Marking Machine with double cylinder preheater	Rs/Hr	1024.88	1692.14	2717.02	1013.21	1692.14	2705.35
PR-062	Cordless Drill Machine	Rs/Hr	1.67	571.14	572.81	1.67	571.14	572.81
PR-063	Crawler Rock driller	Rs/Hr	2528.43	8121.13	10649.56	2523.19	8121.13	10644.32
PS-064	Grouting Machine(electric) out put 3.6 cum/hr	Rs/Hr	52.03	1294.79	1346.82	51.58	1294.79	1346.37
PS-065	Hydraulic jack with pump upto 2000 Ton	Rs/Hr	465.54	1328.28	1793.82	462.57	1328.28	1790.85
PR-066	Guard Rail Pile Driver Machine	Rs/Hr	263.3	2048.14	2311.44	254.91	2048.14	2303.05
PS-071	Concrete Batching Plant 25m3/hr	Rs/Hr	5291.08	5818.15	11109.23	5279.18	5813.99	11093.17
PS-072	Concrete Static Mixer 1 Cum	Rs/Hr	873.73	1177.26	2050.99	867.78	1175.17	2042.95
PS-073	Concrete Static Mixer 1/4 Cum	Rs/Hr	76.58	1060.76	1137.34	70.63	1058.68	1129.31
PS-074	Concrete Transit Mixer 6 Cum	Rs/Hr	2408.33	3099.33	5507.66	2401.19	3099.33	5500.52
PS-075	Concrete Transit Mixer 4 Cum	Rs/Hr	1473.95	2712.08	4186.03	1468	2712.08	4180.08
PS-076	Stressing Equipment for 6500 KN force with electric power	Rs/Hr	218.94	1346.29	1565.23	217.73	1346.29	1564.02
PS-077	Concrete Cutter	Rs/Hr	19.72	583.06	602.78	19.64	583.06	602.7
PS-078	Piling Rig (dia up to 1m)	Rs/Hr	13408.34	16143.63	29551.97	13217.94	16048.43	29266.37
PS-079	Piling Rig (Dia 1m to 2m)	Rs/Hr	28995.55	28912.75	57908.3	28913.2	28871.57	57784.77

OWNING AND OPERATING RATES FOR PLANT AND EQUIPMENT

Codes	Description	Unit	Lahore			Layyah		
			Owning Cost	Operating Cost	Total Cost	Owning Cost	Operating Cost	Total Cost
PS-080	Vibrator (Poker 1.5 ")	Rs/Hr	4.5	661.12	665.62	4.49	661.12	665.61
PS-081	Percussion Boring Rig (Diesel)	Rs/Hr	2606.25	10336.77	12943.02	2558.65	10312.97	12871.62
PS-082	Concrete Pump 33 m with tuck chassis	Rs/Hr	2840	16413.22	19253.22	2730.52	16358.48	19089
PS-083	Girder Launcher (Erecting Capacity max 200 ton)	Rs/Hr	6871.01	5223.6	12094.61	6716.15	5163.21	11879.36
PS-084	Tripod & Chain Pulley (20 Ton)	Rs/Hr	111.5	889.85	1001.35	101.98	889.85	991.83
PS-085	Shotcrete Machine 5-8 cum/hr	Rs/Hr	390.39	2387.56	2777.95	389.19	2387.09	2776.28
PS-086	Concrete Slip form Paver 2 to 6m for Road Pavement	Rs/Hr	13339.75	15157.7	28497.45	13320.71	15157.7	28478.41
PS-087	Concrete Slip form Paver for Barrier,curbs,sidewalk up to 3 m	Rs/Hr	5867.38	8856.69	14724.07	5849.77	8856.69	14706.46
PR-088	Asphalt Static Mixer 1 Cum	Rs/Hr	679.36	1109.23	1788.59	673.41	1107.14	1780.55
PS-089	Straight Rotary machine up to 250 mm dia with all tools	Rs/Hr	140.55	1667.26	1807.81	135.79	1660.65	1796.44
PX-090	Submersible Slug Pump with 65 ft Head	Rs/Hr	15.57	96.75	112.32	15.51	96.73	112.24
PX-091	Tractor 80 HP	Rs/Hr	168.02	2961.34	3129.36	166.2	2961.34	3127.54
PX-092	Tractor 50 HP	Rs/Hr	67.64	1891.02	1958.66	66.66	1891.02	1957.68
PX-093	Water Tank Bowser Type 12000 Liter	Rs/Hr	677.61	5990.05	6667.66	666.9	5990.05	6656.95
PX-094	Water Tank Tow Type 4000 Liter (Including Tractor)	Rs/Hr	172.64	2038.92	2211.56	167.48	2038.92	2206.4
PX-095	Flat Body Truck pay load upto 8 ton	Rs/Hr	375.48	5505.26	5880.74	372.81	5505.26	5878.07
PX-096	Sedan Car 1300 cc	Rs/Hr	252.89	2158.92	2411.81	252.13	2158.92	2411.05
PX-097	Sedan Car 1000 cc	Rs/Hr	202.37	1458.93	1661.3	201.76	1458.93	1660.69
PX-098	Pickup 2800 cc 4 x 4	Rs/Hr	644.27	2673.84	3318.11	643.06	2673.84	3316.9
PX-099	Pickup 2200 cc 4 x 2	Rs/Hr	357.05	1814.71	2171.76	355.85	1814.71	2170.56
PX-100	Pickup 800 cc 4 x 2	Rs/Hr	101.45	897.22	998.67	101.06	897.22	998.28
PX-101	Jeep 1300 cc 4 x 4	Rs/Hr	416.44	1543.17	1959.61	415.97	1543.17	1959.14
PX-102	Trailer Low Bed 30 ton	Rs/Hr	946.62	6560.08	7506.7	940.33	6560.08	7500.41
PX-103	Crane up to 55 Ton	Rs/Hr	3053.53	10577.52	13631.05	3033.6	10577.52	13611.12
PX-104	Crane Upto 25 ton	Rs/Hr	1923.75	9377.53	11301.28	1908.1	9377.53	11285.63
PX-105	Electric Diaphragm Pump	Rs/Hr	29.26	139.03	168.29	28.96	138.91	167.87
PX-106	Sand Blasting Machine	Rs/Hr	309.27	1000.41	1309.68	308.89	1000.41	1309.3
PX-107	Dump Truck 30 ton (18 cum)	Rs/Hr	2037.91	10297.72	12335.63	2032.2	10297.72	12329.92
PX-108	Tractor with Trolley (8 ton)	Rs/Hr	165.51	2674.13	2839.64	164.14	2674.13	2838.27
PX-109	Welding Plant	Rs/Hr	3	98.71	101.71	2.94	98.69	101.63
PX-110	Generator (Diesel) 150 kVa	Rs/Hr	170.63	7476.19	7646.82	169.67	7475.81	7645.48
PX-111	Generator (Diesel) 250 kVa	Rs/Hr	304.86	11135.29	11440.15	303.5	11134.76	11438.26
PX-112	Diesel Tanker 25000 Liter with Pump	Rs/Hr	675.35	7619.57	8294.92	658.69	7619.57	8278.26
PX-113	Forging /Shape Machine	Rs/Hr	32.04	659.9	691.94	31.75	659.9	691.65
PX-114	Generator (Diesel) 50 KVA	Rs/Hr	89.53	2711.85	2801.38	89.05	2711.66	2800.71
PX-115	Diesel Tanker 12000 Liter with Pump	Rs/Hr	346.54	4151.56	4498.1	334.64	4151.56	4486.2
PX-116	Diesel Tanker 5000 Liter with Pump	Rs/Hr	267.81	3218.56	3486.37	262.01	3218.56	3480.57
PX-117	Diesel Generator 20 KVA	Rs/Hr	64.86	2069.76	2134.62	64.53	2069.63	2134.16
PX-118	Diesel Generator 5 KVA	Rs/Hr	13.45	1030.91	1044.36	13.4	1030.89	1044.29
PX-119	Steel Rolling Machine	Rs/Hr	84.73	417.56	502.29	82.83	416.82	499.65
PX-120	Diesel Generator 13 KVA	Rs/Hr	63.06	1496.37	1559.43	63.01	1496.35	1559.36

OWNING AND OPERATING RATES FOR PLANT AND EQUIPMENT

Codes	Description	Unit	Lodhran			Mandi Bahauddin		
			Owning Cost	Operating Cost	Total Cost	Owning Cost	Operating Cost	Total Cost
PE-001	Bulldozer-264 HP (Crawler Dozer-Track Type) with Blade Capacity 7 cum	Rs/Hr	4506.53	10996.69	15503.22	4532.24	10996.69	15528.93
PE-002	Bulldozer-200 HP (Crawler Dozer-Track Type) with Blade Capacity 4.4 cum	Rs/Hr	3007.94	8999.19	12007.13	3026.93	8999.19	12026.12
PE-003	Bulldozer-130 HP (Crawler Dozer-Track Type) with Blade Capacity 2.7 cum	Rs/Hr	2745.36	7057.14	9802.5	2756.66	7057.14	9813.8
PE-004	Wheel Loader 187HP with Bucket Capacity 3.3 cum	Rs/Hr	3594.2	7473.47	11067.67	3609.12	7473.47	11082.59
PE-005	Wheel Loader 166 HP with Bucket Capacity 2.8 cum	Rs/Hr	2836.68	6511.91	9348.59	2849.09	6511.91	9361
PE-006	Wheel Loader 135 HP with Bucket Capacity 1.90 cum	Rs/Hr	2643.47	5472.45	8115.92	2653.29	5472.45	8125.74
PE-008	Dumper loading Capacity 18 T	Rs/Hr	1506.19	3265.27	4771.46	1518.44	3265.27	4783.71
PE-009	Dumper loading Capacity 10 T	Rs/Hr	889.88	3064.61	3954.49	897.05	3064.61	3961.66
PE-010	Excavator (Track Type) 100 HP	Rs/Hr	2335.84	7955.64	10291.48	2355.48	7955.64	10311.12
PE-011	Compressor 300 CFM	Rs/Hr	411.71	7411.39	7823.1	413.56	7411.39	7824.95
PE-012	Rock Driller -Pneumatic-plug	Rs/Hr	21.57	612.19	633.76	21.59	612.2	633.79
PE-013	Electric Saw	Rs/Hr	1.38	575.15	576.53	1.38	575.15	576.53
PE-014	Petrol Motorized Chain Saw	Rs/Hr	8.84	371.69	380.53	8.84	361.18	370.02
PE-015	Electric Breaker (Demolition Hammer)	Rs/Hr	15.66	577.47	593.13	15.69	577.47	593.16
PE-016	Plate Compactor	Rs/Hr	86.25	1063.06	1149.31	86.72	1063.24	1149.96
PE-017	Pugmill 40 Tons per hour	Rs/Hr	1197.09	8928.24	10125.33	1375.03	8928.24	10303.27
PR-018	Combination Roller 18 T Single drum Pad/Sheep Foot Compactor	Rs/Hr	2201.57	6626.53	8828.1	2212.47	6626.65	8839.12
PR-019	Combination Roller 12 T (Single drum Pad/Sheep Foot Compactor)	Rs/Hr	1474.21	5171.3	6645.51	1484.8	5171.41	6656.21
PR-020	Combination Roller 8T (Single drum Pad/Sheep Foot Compactor)	Rs/Hr	1394.06	5123.88	6517.94	1404.08	5123.99	6528.07
PE-021	Excavator (Track Type) 168 HP with Bucket Capacity 0.8 cum	Rs/Hr	2566.31	8327.03	10893.34	2587.34	8327.03	10914.37
PE-022	Excavator (Track Type) 250 HP with Bucket Capacity 1.4 cum	Rs/Hr	2878.1	11007.26	13885.36	2906.66	11007.26	13913.92
PE-023	Excavator (Track Type) 345 HP with Bucket Capacity 2.2 cum	Rs/Hr	3441.84	13951.86	17393.7	3480.18	13951.86	17432.04
PE-024	Jack Hammer side type for Excavator (Track Type) 168 HP with Bucket Capacity 0.9 cum	Rs/Hr	142.14	515.87	658.01	144.82	518.25	663.07
PE-025	Jack Hammer side type for Excavator (Track Type) 265/340 HP with Bucket Capacity 1.6/2.3 cum	Rs/Hr	297.46	654.1	951.56	302.05	658.19	960.24
PS-026	Pipe Layer with lifting weight upto 25 Ton	Rs/Hr	2238.62	8384.47	10623.09	2263.88	8384.47	10648.35
PR-031	Motor Grader 250HP with Blade length 4.32m	Rs/Hr	3995.78	9804.54	13800.32	4013.51	9804.54	13818.05
PR-032	Motor Grader 218HP with Blade length 4.32m	Rs/Hr	3494.63	8032.74	11527.37	3509.28	8032.74	11542.02
PR-033	Tandem Roller 12 T	Rs/Hr	1769.18	4811.82	6581	1779.74	4811.94	6591.68
PR-034	Tandem Roller 8 T	Rs/Hr	1266.14	4547.87	5814.01	1274.65	4547.96	5822.61
PR-035	Tandem Roller 6 T	Rs/Hr	1170.33	2874.23	4044.56	1178.84	2874.33	4053.17
PR-036	Tandem Roller 1.50 T	Rs/Hr	422.2	2197.1	2619.3	423.76	2197.13	2620.89
PR-037	Combination Roller 18 T Single drum Plain Compactor	Rs/Hr	2003.36	5889.33	7892.69	2014.26	5889.33	7903.59
PR-038	Combination Roller 12 T (Single drum Plain Compactor)	Rs/Hr	1342.07	5154.7	6496.77	1352.66	5154.82	6507.48
PR-039	Combination Roller 8T (Single drum Plain Compactor)	Rs/Hr	1269.1	5113.13	6382.23	1279.12	5113.24	6392.36
PR-040	P.T.R. (8 - Wheeler) 24 T	Rs/Hr	1424.32	4667.04	6091.36	1446.36	4667.15	6113.51
PR-041	P.T.R. (8 - Wheeler) 18 T	Rs/Hr	1328.5	4596.3	5924.8	1350.55	4596.3	5946.85
PR-043	Tandem Roller 10 T	Rs/Hr	1382.29	4731.88	6114.17	1390.99	4731.98	6122.97
PR-044	Power Broom	Rs/Hr	23.53	410.31	433.84	29.85	415.93	445.78
PR-045	Bitumen Dist. Tow Type 2000 Liter	Rs/Hr	204.98	1309.19	1514.17	207.36	1309.19	1516.55
PR-046	Bitumen Sprayer (Manual) 250 gallon	Rs/Hr	22.79	613.67	636.46	25.86	614.87	640.73
PR-047	Chip Spreader up to 3M Wide (attachment)	Rs/Hr	281.39	1424.36	1705.75	291.96	1428.48	1720.44
PR-048	Asphalt Plant 140 T	Rs/Hr	22263.91	29314.46	51578.37	22441.85	29403.43	51845.28
PR-049	Asphalt Plant 120 T	Rs/Hr	21567.95	27032.49	48600.44	21738.73	27087.88	48766.61
PR-050	Asphalt Plant 40 T	Rs/Hr	4708.83	13056.97	17765.8	4794.36	13099.74	17894.1
PR-051	Asphalt Plant 20 T	Rs/Hr	3750.56	6363.12	10113.68	3809.68	6392.68	10202.36
PR-052	Asphalt Paver basic width 3m,max 5.9m Wide	Rs/Hr	7637.64	13388.83	21026.47	7653.8	13396.91	21050.71
PR-053	Asphalt Paver (width 2.4-4.7 m)	Rs/Hr	7240.95	13457.33	20698.28	7254.82	13464.26	20719.08
PR-054	Cold Milling Machine 2 M Wide	Rs/Hr	5959.14	14074.1	20033.24	5998.06	14074.1	20072.16
PR-055	Hand Push high Pressure Cold and Rubber Paint Marking Machine	Rs/Hr	529.97	974.23	1504.2	532.64	974.23	1506.87
PR-056	Aggregate Spreader Up to 3M Wide	Rs/Hr	7240.95	13457.33	20698.28	7254.82	13464.26	20719.08
PR-057	Asphalt Cutter	Rs/Hr	19.59	583.06	602.65	19.76	583.06	602.82
PR-058	Rock Crushing & Screening (200 T/Hr)	Rs/Hr	9805.62	5721.44	15527.06	9920.42	5761.62	15682.04
PR-060	Asphalt Recycling Machine 0 to 60mm depth - 3 to 4m width 120 tons/hr	Rs/Hr	36418.64	19696.89	56115.53	36484.63	19696.89	56181.52
PR-061	Hand Push Thermoplastic Road Marking Machine with double cylinder preheater	Rs/Hr	1007.12	1692.14	2699.26	1029.64	1692.14	2721.78
PR-062	Cordless Drill Machine	Rs/Hr	1.67	571.14	572.81	1.67	571.14	572.81
PR-063	Crawler Rock driller	Rs/Hr	2520.46	8121.13	10641.59	2530.57	8121.13	10651.7
PS-064	Grouting Machine(electric) out put 3.6 cum/hr	Rs/Hr	51.35	1294.79	1346.14	52.21	1294.79	1347
PS-065	Hydraulic jack with pump upto 2000 Ton	Rs/Hr	461.02	1328.28	1789.3	466.76	1328.28	1795.04
PR-066	Guard Rail Pile Driver Machine	Rs/Hr	250.53	2048.14	2298.67	266.72	2048.14	2314.86
PS-071	Concrete Batching Plant 25m3/hr	Rs/Hr	5272.98	5811.82	11084.8	5295.94	5819.85	11115.79
PS-072	Concrete Static Mixer 1 Cum	Rs/Hr	864.68	1174.09	2038.77	876.16	1178.11	2054.27
PS-073	Concrete Static Mixer 1/4 Cum	Rs/Hr	67.53	1057.6	1125.13	79.01	1061.61	1140.62
PS-074	Concrete Transit Mixer 6 Cum	Rs/Hr	2397.47	3099.33	5496.8	2411.25	3099.33	5510.58
PS-075	Concrete Transit Mixer 4 Cum	Rs/Hr	1464.9	2712.08	4176.98	1476.38	2712.08	4188.46
PS-076	Stressing Equipment for 6500 KN force with electric power	Rs/Hr	217.09	1346.29	1563.38	219.43	1346.29	1565.72
PS-077	Concrete Cutter	Rs/Hr	19.59	583.06	602.65	19.76	583.06	602.82
PS-078	Piling Rig (dia up to 1m)	Rs/Hr	13118.63	15998.78	29117.41	13485.99	16182.46	29668.45
PS-079	Piling Rig (Dia 1m to 2m)	Rs/Hr	28870.25	28850.1	57720.35	29029.13	28929.54	57958.67

OWNING AND OPERATING RATES FOR PLANT AND EQUIPMENT

Codes	Description	Unit	Lodhran			Mandi Bahauddin		
			Owning Cost	Operating Cost	Total Cost	Owning Cost	Operating Cost	Total Cost
PS-080	Vibrator (Poker 1.5 ")	Rs/Hr	4.49	661.12	665.61	4.5	661.12	665.62
PS-081	Percussion Boring Rig (Diesel)	Rs/Hr	2533.83	10300.56	12834.39	2625.67	10346.48	12972.15
PS-082	Concrete Pump 33 m with tuck chassis	Rs/Hr	2673.42	16329.93	19003.35	2884.65	16435.54	19320.19
PS-083	Girder Launcher (Erecting Capacity max 200 ton)	Rs/Hr	6635.38	5131.71	11767.09	6934.17	5248.23	12182.4
PS-084	Tripod & Chain Pulley (20 Ton)	Rs/Hr	97.02	889.85	986.87	115.39	889.85	1005.24
PS-085	Shotcrete Machine 5-8 cum/hr	Rs/Hr	388.56	2386.85	2775.41	390.88	2387.75	2778.63
PS-086	Concrete Slip form Paver 2 to 6m for Road Pavement	Rs/Hr	13310.78	15157.7	28468.48	13347.52	15157.7	28505.22
PS-087	Concrete Slip form Paver for Barrier,curbs,sidewalk up to 3 m	Rs/Hr	5840.58	8856.69	14697.27	5874.56	8856.69	14731.25
PR-088	Asphalt Static Mixer 1 Cum	Rs/Hr	670.31	1106.06	1776.37	681.79	1110.08	1791.87
PS-089	Straight Rotary machine up to 250 mm dia with all tools	Rs/Hr	133.31	1657.2	1790.51	142.49	1669.96	1812.45
PX-090	Submersible Slug Pump with 65 ft Head	Rs/Hr	15.48	96.71	112.19	15.59	96.76	112.35
PX-091	Tractor 80 HP	Rs/Hr	165.25	2961.34	3126.59	168.76	2961.34	3130.1
PX-092	Tractor 50 HP	Rs/Hr	66.15	1891.02	1957.17	68.04	1891.02	1959.06
PX-093	Water Tank Bowser Type 12000 Liter	Rs/Hr	661.32	5990.05	6651.37	681.98	5990.05	6672.03
PX-094	Water Tank Tow Type 4000 Liter (Including Tractor)	Rs/Hr	164.8	2038.92	2203.72	174.74	2038.92	2213.66
PX-095	Flat Body Truck pay load upto 8 ton	Rs/Hr	371.42	5505.26	5876.68	376.57	5505.26	5881.83
PX-096	Sedan Car 1300 cc	Rs/Hr	251.73	2158.92	2410.65	253.2	2158.92	2412.12
PX-097	Sedan Car 1000 cc	Rs/Hr	201.44	1458.93	1660.37	202.62	1458.93	1661.55
PX-098	Pickup 2800 cc 4 x 4	Rs/Hr	642.43	2673.84	3316.27	644.76	2673.84	3318.6
PX-099	Pickup 2200 cc 4 x 2	Rs/Hr	355.22	1814.71	2169.93	357.55	1814.71	2172.26
PX-100	Pickup 800 cc 4 x 2	Rs/Hr	100.86	897.22	998.08	101.61	897.22	998.83
PX-101	Jeep 1300 cc 4 x 4	Rs/Hr	415.72	1543.17	1958.89	416.64	1543.17	1959.81
PX-102	Trailer Low Bed 30 ton	Rs/Hr	937.06	6560.08	7497.14	949.18	6560.08	7509.26
PX-103	Crane up to 55 Ton	Rs/Hr	3023.2	10577.52	13600.72	3061.66	10577.52	13639.18
PX-104	Crane Upto 25 ton	Rs/Hr	1899.93	9377.53	11277.46	1930.14	9377.53	11307.67
PX-105	Electric Diaphragm Pump	Rs/Hr	28.81	138.86	167.67	29.38	139.08	168.46
PX-106	Sand Blasting Machine	Rs/Hr	308.69	1000.41	1309.1	309.42	1000.41	1309.83
PX-107	Dump Truck 30 ton (18 cum)	Rs/Hr	2029.22	10297.72	12326.94	2040.24	10297.72	12337.96
PX-108	Tractor with Trolley (8 ton)	Rs/Hr	163.43	2674.13	2837.56	166.06	2674.13	2840.19
PX-109	Welding Plant	Rs/Hr	2.92	98.68	101.6	3.02	98.72	101.74
PX-110	Generator (Diesel) 150 kVa	Rs/Hr	169.17	7475.62	7644.79	171.02	7476.34	7647.36
PX-111	Generator (Diesel) 250 kVa	Rs/Hr	302.79	11134.49	11437.28	305.41	11135.51	11440.92
PX-112	Diesel Tanker 25000 Liter with Pump	Rs/Hr	650	7619.57	8269.57	682.15	7619.57	8301.72
PX-113	Forging /Shape Machine	Rs/Hr	31.6	659.9	691.5	32.16	659.9	692.06
PX-114	Generator (Diesel) 50 KVA	Rs/Hr	88.8	2711.57	2800.37	89.73	2711.93	2801.66
PX-115	Diesel Tanker 12000 Liter with Pump	Rs/Hr	328.43	4151.56	4479.99	351.39	4151.56	4502.95
PX-116	Diesel Tanker 5000 Liter with Pump	Rs/Hr	258.99	3218.56	3477.55	270.17	3218.56	3488.73
PX-117	Diesel Generator 20 KVA	Rs/Hr	64.36	2069.56	2133.92	64.99	2069.81	2134.8
PX-118	Diesel Generator 5 KVA	Rs/Hr	13.38	1030.89	1044.27	13.46	1030.92	1044.38
PX-119	Steel Rolling Machine	Rs/Hr	81.84	416.43	498.27	85.51	417.86	503.37
PX-120	Diesel Generator 13 KVA	Rs/Hr	62.99	1496.34	1559.33	63.07	1496.37	1559.44

OWNING AND OPERATING RATES FOR PLANT AND EQUIPMENT

Codes	Description	Unit	Mianwali			Multan		
			Owning Cost	Operating Cost	Total Cost	Owning Cost	Operating Cost	Total Cost
PE-001	Bulldozer-264 HP (Crawler Dozer-Track Type) with Blade Capacity 7 cum	Rs/Hr	4523.1	10996.69	15519.79	4509.14	10996.69	15505.83
PE-002	Bulldozer-200 HP (Crawler Dozer-Track Type) with Blade Capacity 4.4 cum	Rs/Hr	3020.18	8999.19	12019.37	3009.87	8999.19	12009.06
PE-003	Bulldozer-130 HP (Crawler Dozer-Track Type) with Blade Capacity 2.7 cum	Rs/Hr	2752.64	7057.14	9809.78	2746.51	7057.14	9803.65
PE-004	Wheel Loader 187HP with Bucket Capacity 3.3 cum	Rs/Hr	3603.81	7473.47	11077.28	3595.71	7473.47	11069.18
PE-005	Wheel Loader 166 HP with Bucket Capacity 2.8 cum	Rs/Hr	2844.68	6511.91	9356.59	2837.94	6511.91	9349.85
PE-006	Wheel Loader 135 HP with Bucket Capacity 1.90 cum	Rs/Hr	2649.8	5472.45	8122.25	2644.46	5472.45	8116.91
PE-008	Dumper loading Capacity 18 T	Rs/Hr	1514.08	3265.27	4779.35	1507.44	3265.27	4772.71
PE-009	Dumper loading Capacity 10 T	Rs/Hr	894.5	3064.61	3959.11	890.61	3064.61	3955.22
PE-010	Excavator (Track Type) 100 HP	Rs/Hr	2348.49	7955.64	10304.13	2337.83	7955.64	10293.47
PE-011	Compressor 300 CFM	Rs/Hr	412.9	7411.39	7824.29	411.9	7411.39	7823.29
PE-012	Rock Driller -Pneumatic-plug	Rs/Hr	21.58	612.2	633.78	21.57	612.19	633.76
PE-013	Electric Saw	Rs/Hr	1.38	575.15	576.53	1.38	575.15	576.53
PE-014	Petrol Motorized Chain Saw	Rs/Hr	8.84	340.9	349.74	8.84	371.69	380.53
PE-015	Electric Breaker (Demolition Hammer)	Rs/Hr	15.68	577.47	593.15	15.67	577.47	593.14
PE-016	Plate Compactor	Rs/Hr	86.55	1063.17	1149.72	86.3	1063.08	1149.38
PE-017	Pugmill 40 Tons per hour	Rs/Hr	1311.74	8928.24	10239.98	1215.18	8928.24	10143.42
PR-018	Combination Roller 18 T Single drum Pad/Sheep Foot Compactor	Rs/Hr	2208.59	6626.61	8835.2	2202.68	6626.55	8829.23
PR-019	Combination Roller 12 T (Single drum Pad/Sheep Foot Compactor)	Rs/Hr	1481.04	5171.37	6652.41	1475.29	5171.31	6646.6
PR-020	Combination Roller 8T (Single drum Pad/Sheep Foot Compactor)	Rs/Hr	1400.51	5123.95	6524.46	1395.08	5123.89	6518.97
PE-021	Excavator (Track Type) 168 HP with Bucket Capacity 0.8 cum	Rs/Hr	2579.86	8327.03	10906.89	2568.45	8327.03	10895.48
PE-022	Excavator (Track Type) 250 HP with Bucket Capacity 1.4 cum	Rs/Hr	2896.51	11007.26	13903.77	2881.01	11007.26	13888.27
PE-023	Excavator (Track Type) 345 HP with Bucket Capacity 2.2 cum	Rs/Hr	3466.54	13951.86	17418.4	3445.74	13951.86	17397.6
PE-024	Jack Hammer side type for Excavator (Track Type) 168 HP with Bucket Capacity 0.9 cum	Rs/Hr	143.87	517.41	661.28	142.42	516.12	658.54
PE-025	Jack Hammer side type for Excavator (Track Type) 265/340 HP with Bucket Capacity 1.6/2.3 cum	Rs/Hr	300.42	656.74	957.16	297.93	654.52	952.45
PS-026	Pipe Layer with lifting weight upto 25 Ton	Rs/Hr	2254.89	8384.47	10639.36	2241.19	8384.47	10625.66
PR-031	Motor Grader 250HP with Blade length 4.32m	Rs/Hr	4007.2	9804.54	13811.74	3997.58	9804.54	13802.12
PR-032	Motor Grader 218HP with Blade length 4.32m	Rs/Hr	3504.07	8032.74	11536.81	3496.12	8032.74	11528.86
PR-033	Tandem Roller 12 T	Rs/Hr	1775.98	4811.89	6587.87	1770.25	4811.83	6582.08
PR-034	Tandem Roller 8 T	Rs/Hr	1271.62	4547.93	5819.55	1267.01	4547.88	5814.89
PR-035	Tandem Roller 6 T	Rs/Hr	1175.81	2874.29	4050.1	1171.2	2874.24	4045.44
PR-036	Tandem Roller 1.50 T	Rs/Hr	423.2	2197.12	2620.32	422.35	2197.1	2619.45
PR-037	Combination Roller 18 T Single drum Plain Compactor	Rs/Hr	2010.38	5889.33	7899.71	2004.47	5889.33	7893.8
PR-038	Combination Roller 12 T (Single drum Plain Compactor)	Rs/Hr	1348.9	5154.78	6503.68	1343.15	5154.71	6497.86
PR-039	Combination Roller 8T (Single drum Plain Compactor)	Rs/Hr	1275.56	5113.2	6388.76	1270.12	5113.14	6383.26
PR-040	P.T.R. (8 - Wheeler) 24 T	Rs/Hr	1438.52	4667.11	6105.63	1426.56	4667.05	6093.61
PR-041	P.T.R. (8 - Wheeler) 18 T	Rs/Hr	1342.71	4596.3	5939.01	1330.74	4596.3	5927.04
PR-043	Tandem Roller 10 T	Rs/Hr	1387.9	4731.94	6119.84	1383.18	4731.89	6115.07
PR-044	Power Broom	Rs/Hr	27.6	413.93	441.53	24.17	410.87	435.04
PR-045	Bitumen Dist. Tow Type 2000 Liter	Rs/Hr	206.52	1309.19	1515.71	205.22	1309.19	1514.41
PR-046	Bitumen Sprayer (Manual) 250 gallon	Rs/Hr	24.77	614.44	639.21	23.11	613.8	636.91
PR-047	Chip Spreader up to 3M Wide (attachment)	Rs/Hr	288.2	1427.01	1715.21	282.47	1424.78	1707.25
PR-048	Asphalt Plant 140 T	Rs/Hr	22378.55	29371.78	51750.33	22281.99	29323.5	51605.49
PR-049	Asphalt Plant 120 T	Rs/Hr	21639.32	27068.18	48707.5	21579.21	27038.12	48617.33
PR-050	Asphalt Plant 40 T	Rs/Hr	4763.94	13084.53	17848.47	4717.52	13061.32	17778.84
PR-051	Asphalt Plant 20 T	Rs/Hr	3788.65	6382.17	10170.82	3756.57	6366.13	10122.7
PR-052	Asphalt Paver basic width 3m,max 5.9m Wide	Rs/Hr	7648.06	13394.04	21042.1	7639.28	13389.65	21028.93
PR-053	Asphalt Paver (width 2.4-4.7 m)	Rs/Hr	7249.88	13461.79	20711.67	7242.36	13458.03	20700.39
PR-054	Cold Milling Machine 2 M Wide	Rs/Hr	5984.21	14074.1	20058.31	5963.09	14074.1	20037.19
PR-055	Hand Push high Pressure Cold and Rubber Paint Marking Machine	Rs/Hr	531.69	974.23	1505.92	530.24	974.23	1504.47
PR-056	Aggregate Spreader Up to 3M Wide	Rs/Hr	7249.88	13461.79	20711.67	7242.36	13458.03	20700.39
PR-057	Asphalt Cutter	Rs/Hr	19.7	583.06	602.76	19.61	583.06	602.67
PR-058	Rock Crushing & Screening (200 T/Hr)	Rs/Hr	9879.59	5747.33	15626.92	9817.29	5725.52	15542.81
PR-060	Asphalt Recycling Machine 0 to 60mm depth - 3 to 4m width 120 tons/hr	Rs/Hr	36461.16	19696.89	56158.05	36425.35	19696.89	56122.24
PR-061	Hand Push Thermoplastic Road Marking Machine with double cylinder preheater	Rs/Hr	1021.63	1692.14	2713.77	1009.41	1692.14	2701.55
PR-062	Cordless Drill Machine	Rs/Hr	1.67	571.14	572.81	1.67	571.14	572.81
PR-063	Crawler Rock driller	Rs/Hr	2526.97	8121.13	10648.1	2521.49	8121.13	10642.62
PS-064	Grouting Machine(electric) out put 3.6 cum/hr	Rs/Hr	51.9	1294.79	1346.69	51.43	1294.79	1346.22
PS-065	Hydraulic jack with pump upto 2000 Ton	Rs/Hr	464.71	1328.28	1792.99	461.6	1328.28	1789.88
PR-066	Guard Rail Pile Driver Machine	Rs/Hr	260.96	2048.14	2309.1	252.18	2048.14	2300.32
PS-071	Concrete Batching Plant 25m3/hr	Rs/Hr	5287.77	5816.99	11104.76	5275.31	5812.63	11087.94
PS-072	Concrete Static Mixer 1 Cum	Rs/Hr	872.07	1176.68	2048.75	865.84	1174.5	2040.34
PS-073	Concrete Static Mixer 1/4 Cum	Rs/Hr	74.92	1060.18	1135.1	68.69	1058	1126.69
PS-074	Concrete Transit Mixer 6 Cum	Rs/Hr	2406.35	3099.33	5505.68	2398.87	3099.33	5498.2
PS-075	Concrete Transit Mixer 4 Cum	Rs/Hr	1472.29	2712.08	4184.37	1466.06	2712.08	4178.14
PS-076	Stressing Equipment for 6500 KN force with electric power	Rs/Hr	218.6	1346.29	1564.89	217.33	1346.29	1563.62
PS-077	Concrete Cutter	Rs/Hr	19.7	583.06	602.76	19.61	583.06	602.67
PS-078	Piling Rig (dia up to 1m)	Rs/Hr	13355.32	16117.12	29472.44	13155.96	16017.44	29173.4
PS-079	Piling Rig (Dia 1m to 2m)	Rs/Hr	28972.62	28901.28	57873.9	28886.4	28858.17	57744.57

OWNING AND OPERATING RATES FOR PLANT AND EQUIPMENT

Codes	Description	Unit	Mianwali			Multan		
			Owning Cost	Operating Cost	Total Cost	Owning Cost	Operating Cost	Total Cost
PS-080	Vibrator (Poker 1.5 ")	Rs/Hr	4.49	661.12	665.61	4.49	661.12	665.61
PS-081	Percussion Boring Rig (Diesel)	Rs/Hr	2593	10330.14	12923.14	2543.16	10305.22	12848.38
PS-082	Concrete Pump 33 m with tuck chassis	Rs/Hr	2809.52	16397.98	19207.5	2694.89	16340.66	19035.55
PS-083	Girder Launcher (Erecting Capacity max 200 ton)	Rs/Hr	6827.9	5206.79	12034.69	6665.75	5143.55	11809.3
PS-084	Tripod & Chain Pulley (20 Ton)	Rs/Hr	108.85	889.85	998.7	98.89	889.85	988.74
PS-085	Shotcrete Machine 5-8 cum/hr	Rs/Hr	390.06	2387.43	2777.49	388.8	2386.94	2775.74
PS-086	Concrete Slip form Paver 2 to 6m for Road Pavement	Rs/Hr	13334.45	15157.7	28492.15	13314.52	15157.7	28472.22
PS-087	Concrete Slip form Paver for Barrier,curbs,sidewalk up to 3 m	Rs/Hr	5862.47	8856.69	14719.16	5844.03	8856.69	14700.72
PR-088	Asphalt Static Mixer 1 Cum	Rs/Hr	677.71	1108.65	1786.36	671.48	1106.47	1777.95
PS-089	Straight Rotary machine up to 250 mm dia with all tools	Rs/Hr	139.23	1665.43	1804.66	134.24	1658.49	1792.73
PX-090	Submersible Slug Pump with 65 ft Head	Rs/Hr	15.55	96.74	112.29	15.49	96.72	112.21
PX-091	Tractor 80 HP	Rs/Hr	167.51	2961.34	3128.85	165.61	2961.34	3126.95
PX-092	Tractor 50 HP	Rs/Hr	67.37	1891.02	1958.39	66.34	1891.02	1957.36
PX-093	Water Tank Bowser Type 12000 Liter	Rs/Hr	674.63	5990.05	6664.68	663.42	5990.05	6653.47
PX-094	Water Tank Tow Type 4000 Liter (Including Tractor)	Rs/Hr	171.2	2038.92	2210.12	165.81	2038.92	2204.73
PX-095	Flat Body Truck pay load upto 8 ton	Rs/Hr	374.74	5505.26	5880	371.94	5505.26	5877.2
PX-096	Sedan Car 1300 cc	Rs/Hr	252.68	2158.92	2411.6	251.88	2158.92	2410.8
PX-097	Sedan Car 1000 cc	Rs/Hr	202.2	1458.93	1661.13	201.56	1458.93	1660.49
PX-098	Pickup 2800 cc 4 x 4	Rs/Hr	643.94	2673.84	3317.78	642.67	2673.84	3316.51
PX-099	Pickup 2200 cc 4 x 2	Rs/Hr	356.72	1814.71	2171.43	355.45	1814.71	2170.16
PX-100	Pickup 800 cc 4 x 2	Rs/Hr	101.34	897.22	998.56	100.94	897.22	998.16
PX-101	Jeep 1300 cc 4 x 4	Rs/Hr	416.31	1543.17	1959.48	415.81	1543.17	1958.98
PX-102	Trailer Low Bed 30 ton	Rs/Hr	944.87	6560.08	7504.95	938.29	6560.08	7498.37
PX-103	Crane up to 55 Ton	Rs/Hr	3047.98	10577.52	13625.5	3027.11	10577.52	13604.63
PX-104	Crane Upto 25 ton	Rs/Hr	1919.39	9377.53	11296.92	1903	9377.53	11280.53
PX-105	Electric Diaphragm Pump	Rs/Hr	29.18	139	168.18	28.87	138.88	167.75
PX-106	Sand Blasting Machine	Rs/Hr	309.16	1000.41	1309.57	308.77	1000.41	1309.18
PX-107	Dump Truck 30 ton (18 cum)	Rs/Hr	2036.32	10297.72	12334.04	2030.34	10297.72	12328.06
PX-108	Tractor with Trolley (8 ton)	Rs/Hr	165.13	2674.13	2839.26	163.7	2674.13	2837.83
PX-109	Welding Plant	Rs/Hr	2.98	98.7	101.68	2.93	98.68	101.61
PX-110	Generator (Diesel) 150 kVa	Rs/Hr	170.36	7476.08	7646.44	169.36	7475.69	7645.05
PX-111	Generator (Diesel) 250 kVa	Rs/Hr	304.48	11135.14	11439.62	303.06	11134.59	11437.65
PX-112	Diesel Tanker 25000 Liter with Pump	Rs/Hr	670.71	7619.57	8290.28	653.27	7619.57	8272.84
PX-113	Forging /Shape Machine	Rs/Hr	31.96	659.9	691.86	31.65	659.9	691.55
PX-114	Generator (Diesel) 50 KVA	Rs/Hr	89.4	2711.8	2801.2	88.89	2711.6	2800.49
PX-115	Diesel Tanker 12000 Liter with Pump	Rs/Hr	343.23	4151.56	4494.79	330.77	4151.56	4482.33
PX-116	Diesel Tanker 5000 Liter with Pump	Rs/Hr	266.19	3218.56	3484.75	260.13	3218.56	3478.69
PX-117	Diesel Generator 20 KVA	Rs/Hr	64.77	2069.72	2134.49	64.43	2069.59	2134.02
PX-118	Diesel Generator 5 KVA	Rs/Hr	13.44	1030.91	1044.35	13.39	1030.89	1044.28
PX-119	Steel Rolling Machine	Rs/Hr	84.2	417.35	501.55	82.21	416.57	498.78
PX-120	Diesel Generator 13 KVA	Rs/Hr	63.04	1496.36	1559.4	63	1496.35	1559.35

OWNING AND OPERATING RATES FOR PLANT AND EQUIPMENT

Codes	Description	Unit	Muzaffargarh			Nankana sahib		
			Owning Cost	Operating Cost	Total Cost	Owning Cost	Operating Cost	Total Cost
PE-001	Bulldozer-264 HP (Crawler Dozer-Track Type) with Blade Capacity 7 cum	Rs/Hr	4508.1	10996.69	15504.79	4525.97	10996.69	15522.66
PE-002	Bulldozer-200 HP (Crawler Dozer-Track Type) with Blade Capacity 4.4 cum	Rs/Hr	3009.1	8999.19	12008.29	3022.3	8999.19	12021.49
PE-003	Bulldozer-130 HP (Crawler Dozer-Track Type) with Blade Capacity 2.7 cum	Rs/Hr	2746.05	7057.14	9803.19	2753.9	7057.14	9811.04
PE-004	Wheel Loader 187HP with Bucket Capacity 3.3 cum	Rs/Hr	3595.11	7473.47	11068.58	3605.48	7473.47	11078.95
PE-005	Wheel Loader 166 HP with Bucket Capacity 2.8 cum	Rs/Hr	2837.43	6511.91	9349.34	2846.07	6511.91	9357.98
PE-006	Wheel Loader 135 HP with Bucket Capacity 1.90 cum	Rs/Hr	2644.06	5472.45	8116.51	2650.9	5472.45	8123.35
PE-008	Dumper loading Capacity 18 T	Rs/Hr	1506.94	3265.27	4772.21	1515.45	3265.27	4780.72
PE-009	Dumper loading Capacity 10 T	Rs/Hr	890.32	3064.61	3954.93	895.3	3064.61	3959.91
PE-010	Excavator (Track Type) 100 HP	Rs/Hr	2337.03	7955.64	10292.67	2350.69	7955.64	10306.33
PE-011	Compressor 300 CFM	Rs/Hr	411.82	7411.39	7823.21	413.11	7411.39	7824.5
PE-012	Rock Driller -Pneumatic-plug	Rs/Hr	21.57	612.19	633.76	21.59	612.2	633.79
PE-013	Electric Saw	Rs/Hr	1.38	575.15	576.53	1.38	575.15	576.53
PE-014	Petrol Motorized Chain Saw	Rs/Hr	8.84	356.64	365.48	8.84	326.57	335.41
PE-015	Electric Breaker (Demolition Hammer)	Rs/Hr	15.67	577.47	593.14	15.69	577.47	593.16
PE-016	Plate Compactor	Rs/Hr	86.28	1063.07	1149.35	86.6	1063.19	1149.79
PE-017	Pugmill 40 Tons per hour	Rs/Hr	1207.94	8928.24	10136.18	1331.63	8928.24	10259.87
PR-018	Combination Roller 18 T Single drum Pad/Sheep Foot Compactor	Rs/Hr	2202.24	6626.54	8828.78	2209.81	6626.62	8836.43
PR-019	Combination Roller 12 T (Single drum Pad/Sheep Foot Compactor)	Rs/Hr	1474.86	5171.31	6646.17	1482.22	5171.39	6653.61
PR-020	Combination Roller 8T (Single drum Pad/Sheep Foot Compactor)	Rs/Hr	1394.67	5123.88	6518.55	1401.63	5123.96	6525.59
PE-021	Excavator (Track Type) 168 HP with Bucket Capacity 0.8 cum	Rs/Hr	2567.59	8327.03	10894.62	2582.21	8327.03	10909.24
PE-022	Excavator (Track Type) 250 HP with Bucket Capacity 1.4 cum	Rs/Hr	2879.84	11007.26	13887.1	2899.7	11007.26	13906.96
PE-023	Excavator (Track Type) 345 HP with Bucket Capacity 2.2 cum	Rs/Hr	3444.18	13951.86	17396.04	3470.83	13951.86	17422.69
PE-024	Jack Hammer side type for Excavator (Track Type) 168 HP with Bucket Capacity 0.9 cum	Rs/Hr	142.31	516.02	658.33	144.17	517.67	661.84
PE-025	Jack Hammer side type for Excavator (Track Type) 265/340 HP with Bucket Capacity 1.6/2.3 cum	Rs/Hr	297.74	654.35	952.09	300.93	657.19	958.12
PS-026	Pipe Layer with lifting weight upto 25 Ton	Rs/Hr	2240.16	8384.47	10624.63	2257.72	8384.47	10642.19
PR-031	Motor Grader 250HP with Blade length 4.32m	Rs/Hr	3996.86	9804.54	13801.4	4009.18	9804.54	13813.72
PR-032	Motor Grader 218HP with Blade length 4.32m	Rs/Hr	3495.52	8032.74	11528.26	3505.7	8032.74	11538.44
PR-033	Tandem Roller 12 T	Rs/Hr	1769.82	4811.83	6581.65	1777.16	4811.91	6589.07
PR-034	Tandem Roller 8 T	Rs/Hr	1266.66	4547.87	5814.53	1272.57	4547.94	5820.51
PR-035	Tandem Roller 6 T	Rs/Hr	1170.85	2874.24	4045.09	1176.76	2874.3	4051.06
PR-036	Tandem Roller 1.50 T	Rs/Hr	422.29	2197.1	2619.39	423.38	2197.12	2620.5
PR-037	Combination Roller 18 T Single drum Plain Compactor	Rs/Hr	2004.03	5889.33	7893.36	2011.6	5889.33	7900.93
PR-038	Combination Roller 12 T (Single drum Plain Compactor)	Rs/Hr	1342.72	5154.71	6497.43	1350.08	5154.79	6504.87
PR-039	Combination Roller 8T (Single drum Plain Compactor)	Rs/Hr	1269.71	5113.14	6382.85	1276.68	5113.21	6389.89
PR-040	P.T.R. (8 - Wheeler) 24 T	Rs/Hr	1425.66	4667.04	6092.7	1440.98	4667.12	6108.1
PR-041	P.T.R. (8 - Wheeler) 18 T	Rs/Hr	1329.85	4596.3	5926.15	1345.17	4596.3	5941.47
PR-043	Tandem Roller 10 T	Rs/Hr	1382.82	4731.89	6114.71	1388.87	4731.95	6120.82
PR-044	Power Broom	Rs/Hr	23.92	410.65	434.57	28.31	414.56	442.87
PR-045	Bitumen Dist. Tow Type 2000 Liter	Rs/Hr	205.12	1309.19	1514.31	206.78	1309.19	1515.97
PR-046	Bitumen Sprayer (Manual) 250 gallon	Rs/Hr	22.98	613.75	636.73	25.11	614.58	639.69
PR-047	Chip Spreader up to 3M Wide (attachment)	Rs/Hr	282.04	1424.61	1706.65	289.38	1427.47	1716.85
PR-048	Asphalt Plant 140 T	Rs/Hr	22274.76	29319.88	51594.64	22398.45	29381.73	51780.18
PR-049	Asphalt Plant 120 T	Rs/Hr	21574.7	27035.87	48610.57	21651.71	27074.37	48726.08
PR-050	Asphalt Plant 40 T	Rs/Hr	4714.05	13059.58	17773.63	4773.5	13089.31	17862.81
PR-051	Asphalt Plant 20 T	Rs/Hr	3754.17	6364.93	10119.1	3795.26	6385.47	10180.73
PR-052	Asphalt Paver basic width 3m,max 5.9m Wide	Rs/Hr	7638.63	13389.33	21027.96	7649.86	13394.94	21044.8
PR-053	Asphalt Paver (width 2.4-4.7 m)	Rs/Hr	7241.79	13457.75	20699.54	7251.43	13462.57	20714
PR-054	Cold Milling Machine 2 M Wide	Rs/Hr	5961.51	14074.1	20035.61	5988.56	14074.1	20062.66
PR-055	Hand Push high Pressure Cold and Rubber Paint Marking Machine	Rs/Hr	530.14	974.23	1504.37	531.99	974.23	1506.22
PR-056	Aggregate Spreader Up to 3M Wide	Rs/Hr	7241.79	13457.75	20699.54	7251.43	13462.57	20714
PR-057	Asphalt Cutter	Rs/Hr	19.6	583.06	602.66	19.72	583.06	602.78
PR-058	Rock Crushing & Screening (200 T/Hr)	Rs/Hr	9812.62	5723.89	15536.51	9892.42	5751.82	15644.24
PR-060	Asphalt Recycling Machine 0 to 60mm depth - 3 to 4m width 120 tons/hr	Rs/Hr	36422.67	19696.89	56119.56	36468.54	19696.89	56165.43
PR-061	Hand Push Thermoplastic Road Marking Machine with double cylinder preheater	Rs/Hr	1008.49	1692.14	2700.63	1024.15	1692.14	2716.29
PR-062	Cordless Drill Machine	Rs/Hr	1.67	571.14	572.81	1.67	571.14	572.81
PR-063	Crawler Rock driller	Rs/Hr	2521.08	8121.13	10642.21	2528.1	8121.13	10649.23
PS-064	Grouting Machine(electric) out put 3.6 cum/hr	Rs/Hr	51.4	1294.79	1346.19	52	1294.79	1346.79
PS-065	Hydraulic jack with pump upto 2000 Ton	Rs/Hr	461.37	1328.28	1789.65	465.36	1328.28	1793.64
PR-066	Guard Rail Pile Driver Machine	Rs/Hr	251.52	2048.14	2299.66	262.77	2048.14	2310.91
PS-071	Concrete Batching Plant 25m3/hr	Rs/Hr	5274.38	5812.31	11086.69	5290.34	5817.89	11108.23
PS-072	Concrete Static Mixer 1 Cum	Rs/Hr	865.38	1174.33	2039.71	873.36	1177.13	2050.49
PS-073	Concrete Static Mixer 1/4 Cum	Rs/Hr	68.23	1057.84	1126.07	76.21	1060.63	1136.84
PS-074	Concrete Transit Mixer 6 Cum	Rs/Hr	2398.31	3099.33	5497.64	2407.89	3099.33	5507.22
PS-075	Concrete Transit Mixer 4 Cum	Rs/Hr	1465.6	2712.08	4177.68	1473.58	2712.08	4185.66
PS-076	Stressing Equipment for 6500 KN force with electric power	Rs/Hr	217.24	1346.29	1563.53	218.86	1346.29	1565.15
PS-077	Concrete Cutter	Rs/Hr	19.6	583.06	602.66	19.72	583.06	602.78
PS-078	Piling Rig (dia up to 1m)	Rs/Hr	13141.03	16009.98	29151.01	13396.39	16137.66	29534.05
PS-079	Piling Rig (Dia 1m to 2m)	Rs/Hr	28879.94	28854.94	57734.88	28990.38	28910.16	57900.54

OWNING AND OPERATING RATES FOR PLANT AND EQUIPMENT

Codes	Description	Unit	Muzaffargarh			Nankana sahib		
			Owning Cost	Operating Cost	Total Cost	Owning Cost	Operating Cost	Total Cost
PS-080	Vibrator (Poker 1.5 ")	Rs/Hr	4.49	661.12	665.61	4.5	661.12	665.62
PS-081	Percussion Boring Rig (Diesel)	Rs/Hr	2539.43	10303.36	12842.79	2603.27	10335.28	12938.55
PS-082	Concrete Pump 33 m with tuck chassis	Rs/Hr	2686.3	16336.37	19022.67	2833.13	16409.78	19242.91
PS-083	Girder Launcher (Erecting Capacity max 200 ton)	Rs/Hr	6653.6	5138.81	11792.41	6861.3	5219.81	12081.11
PS-084	Tripod & Chain Pulley (20 Ton)	Rs/Hr	98.14	889.85	987.99	110.91	889.85	1000.76
PS-085	Shotcrete Machine 5-8 cum/hr	Rs/Hr	388.7	2386.9	2775.6	390.32	2387.53	2777.85
PS-086	Concrete Slip form Paver 2 to 6m for Road Pavement	Rs/Hr	13313.02	15157.7	28470.72	13338.56	15157.7	28496.26
PS-087	Concrete Slip form Paver for Barrier,curbs,sidewalk up to 3 m	Rs/Hr	5842.65	8856.69	14699.34	5866.27	8856.69	14722.96
PR-088	Asphalt Static Mixer 1 Cum	Rs/Hr	671.01	1106.3	1777.31	678.99	1109.1	1788.09
PS-089	Straight Rotary machine up to 250 mm dia with all tools	Rs/Hr	133.87	1657.98	1791.85	140.25	1666.85	1807.1
PX-090	Submersible Slug Pump with 65 ft Head	Rs/Hr	15.48	96.71	112.19	15.56	96.74	112.3
PX-091	Tractor 80 HP	Rs/Hr	165.46	2961.34	3126.8	167.91	2961.34	3129.25
PX-092	Tractor 50 HP	Rs/Hr	66.27	1891.02	1957.29	67.58	1891.02	1958.6
PX-093	Water Tank Bowser Type 12000 Liter	Rs/Hr	662.58	5990.05	6652.63	676.94	5990.05	6666.99
PX-094	Water Tank Tow Type 4000 Liter (Including Tractor)	Rs/Hr	165.4	2038.92	2204.32	172.31	2038.92	2211.23
PX-095	Flat Body Truck pay load upto 8 ton	Rs/Hr	371.74	5505.26	5877	375.31	5505.26	5880.57
PX-096	Sedan Car 1300 cc	Rs/Hr	251.82	2158.92	2410.74	252.84	2158.92	2411.76
PX-097	Sedan Car 1000 cc	Rs/Hr	201.51	1458.93	1660.44	202.33	1458.93	1661.26
PX-098	Pickup 2800 cc 4 x 4	Rs/Hr	642.58	2673.84	3316.42	644.2	2673.84	3318.04
PX-099	Pickup 2200 cc 4 x 2	Rs/Hr	355.36	1814.71	2170.07	356.98	1814.71	2171.69
PX-100	Pickup 800 cc 4 x 2	Rs/Hr	100.91	897.22	998.13	101.43	897.22	998.65
PX-101	Jeep 1300 cc 4 x 4	Rs/Hr	415.78	1543.17	1958.95	416.41	1543.17	1959.58
PX-102	Trailer Low Bed 30 ton	Rs/Hr	937.8	6560.08	7497.88	946.22	6560.08	7506.3
PX-103	Crane up to 55 Ton	Rs/Hr	3025.54	10577.52	13603.06	3052.28	10577.52	13629.8
PX-104	Crane Upto 25 ton	Rs/Hr	1901.77	9377.53	11279.3	1922.77	9377.53	11300.3
PX-105	Electric Diaphragm Pump	Rs/Hr	28.84	138.87	167.71	29.24	139.02	168.26
PX-106	Sand Blasting Machine	Rs/Hr	308.74	1000.41	1309.15	309.25	1000.41	1309.66
PX-107	Dump Truck 30 ton (18 cum)	Rs/Hr	2029.89	10297.72	12327.61	2037.55	10297.72	12335.27
PX-108	Tractor with Trolley (8 ton)	Rs/Hr	163.59	2674.13	2837.72	165.42	2674.13	2839.55
PX-109	Welding Plant	Rs/Hr	2.92	98.68	101.6	2.99	98.71	101.7
PX-110	Generator (Diesel) 150 kVa	Rs/Hr	169.28	7475.66	7644.94	170.57	7476.17	7646.74
PX-111	Generator (Diesel) 250 kVa	Rs/Hr	302.95	11134.55	11437.5	304.77	11135.26	11440.03
PX-112	Diesel Tanker 25000 Liter with Pump	Rs/Hr	651.96	7619.57	8271.53	674.31	7619.57	8293.88
PX-113	Forging /Shape Machine	Rs/Hr	31.63	659.9	691.53	32.03	659.9	691.93
PX-114	Generator (Diesel) 50 KVA	Rs/Hr	88.85	2711.59	2800.44	89.5	2711.84	2801.34
PX-115	Diesel Tanker 12000 Liter with Pump	Rs/Hr	329.83	4151.56	4481.39	345.79	4151.56	4497.35
PX-116	Diesel Tanker 5000 Liter with Pump	Rs/Hr	259.68	3218.56	3478.24	267.44	3218.56	3486
PX-117	Diesel Generator 20 KVA	Rs/Hr	64.4	2069.58	2133.98	64.84	2069.75	2134.59
PX-118	Diesel Generator 5 KVA	Rs/Hr	13.39	1030.89	1044.28	13.44	1030.91	1044.35
PX-119	Steel Rolling Machine	Rs/Hr	82.06	416.51	498.57	84.61	417.51	502.12
PX-120	Diesel Generator 13 KVA	Rs/Hr	63	1496.35	1559.35	63.05	1496.37	1559.42

OWNING AND OPERATING RATES FOR PLANT AND EQUIPMENT

Codes	Description	Unit	Narawal			Okara		
			Owning Cost	Operating Cost	Total Cost	Owning Cost	Operating Cost	Total Cost
PE-001	Bulldozer-264 HP (Crawler Dozer-Track Type) with Blade Capacity 7 cum	Rs/Hr	4532.66	10996.69	15529.35	4519.96	10996.69	15516.65
PE-002	Bulldozer-200 HP (Crawler Dozer-Track Type) with Blade Capacity 4.4 cum	Rs/Hr	3027.24	8999.19	12026.43	3017.86	8999.19	12017.05
PE-003	Bulldozer-130 HP (Crawler Dozer-Track Type) with Blade Capacity 2.7 cum	Rs/Hr	2756.84	7057.14	9813.98	2751.26	7057.14	9808.4
PE-004	Wheel Loader 187HP with Bucket Capacity 3.3 cum	Rs/Hr	3609.36	7473.47	11082.83	3601.99	7473.47	11075.46
PE-005	Wheel Loader 166 HP with Bucket Capacity 2.8 cum	Rs/Hr	2849.3	6511.91	9361.21	2843.16	6511.91	9355.07
PE-006	Wheel Loader 135 HP with Bucket Capacity 1.90 cum	Rs/Hr	2653.45	5472.45	8125.9	2648.6	5472.45	8121.05
PE-008	Dumper loading Capacity 18 T	Rs/Hr	1518.64	3265.27	4783.91	1512.59	3265.27	4777.86
PE-009	Dumper loading Capacity 10 T	Rs/Hr	897.16	3064.61	3961.77	893.62	3064.61	3958.23
PE-010	Excavator (Track Type) 100 HP	Rs/Hr	2355.8	7955.64	10311.44	2346.1	7955.64	10301.74
PE-011	Compressor 300 CFM	Rs/Hr	413.59	7411.39	7824.98	412.68	7411.39	7824.07
PE-012	Rock Driller -Pneumatic-plug	Rs/Hr	21.59	612.2	633.79	21.58	612.2	633.78
PE-013	Electric Saw	Rs/Hr	1.38	575.15	576.53	1.38	575.15	576.53
PE-014	Petrol Motorized Chain Saw	Rs/Hr	8.84	343.15	351.99	8.84	390.51	399.35
PE-015	Electric Breaker (Demolition Hammer)	Rs/Hr	15.69	577.47	593.16	15.68	577.47	593.15
PE-016	Plate Compactor	Rs/Hr	86.72	1063.24	1149.96	86.49	1063.15	1149.64
PE-017	Pugmill 40 Tons per hour	Rs/Hr	1377.93	8928.24	10306.17	1290.04	8928.24	10218.28
PR-018	Combination Roller 18 T Single drum Pad/Sheep Foot Compactor	Rs/Hr	2212.64	6626.66	8839.3	2207.26	6626.6	8833.86
PR-019	Combination Roller 12 T (Single drum Pad/Sheep Foot Compactor)	Rs/Hr	1484.97	5171.42	6656.39	1479.74	5171.36	6651.1
PR-020	Combination Roller 8T (Single drum Pad/Sheep Foot Compactor)	Rs/Hr	1404.24	5123.99	6528.23	1399.29	5123.94	6523.23
PE-021	Excavator (Track Type) 168 HP with Bucket Capacity 0.8 cum	Rs/Hr	2587.68	8327.03	10914.71	2577.3	8327.03	10904.33
PE-022	Excavator (Track Type) 250 HP with Bucket Capacity 1.4 cum	Rs/Hr	2907.13	11007.26	13914.39	2893.02	11007.26	13900.28
PE-023	Excavator (Track Type) 345 HP with Bucket Capacity 2.2 cum	Rs/Hr	3480.8	13951.86	17432.66	3461.87	13951.86	17413.73
PE-024	Jack Hammer side type for Excavator (Track Type) 168 HP with Bucket Capacity 0.9 cum	Rs/Hr	144.87	518.3	663.17	143.54	517.11	660.65
PE-025	Jack Hammer side type for Excavator (Track Type) 265/340 HP with Bucket Capacity 1.6/2.3 cum	Rs/Hr	302.13	658.26	960.39	299.86	656.24	956.1
PS-026	Pipe Layer with lifting weight upto 25 Ton	Rs/Hr	2264.29	8384.47	10648.76	2251.81	8384.47	10636.28
PR-031	Motor Grader 250HP with Blade length 4.32m	Rs/Hr	4013.8	9804.54	13818.34	4005.04	9804.54	13809.58
PR-032	Motor Grader 218HP with Blade length 4.32m	Rs/Hr	3509.52	8032.74	11542.26	3502.28	8032.74	11535.02
PR-033	Tandem Roller 12 T	Rs/Hr	1779.91	4811.94	6591.85	1774.7	4811.88	6586.58
PR-034	Tandem Roller 8 T	Rs/Hr	1274.79	4547.96	5822.75	1270.59	4547.92	5818.51
PR-035	Tandem Roller 6 T	Rs/Hr	1178.98	2874.33	4053.31	1174.78	2874.28	4049.06
PR-036	Tandem Roller 1.50 T	Rs/Hr	423.78	2197.13	2620.91	423.01	2197.11	2620.12
PR-037	Combination Roller 18 T Single drum Plain Compactor	Rs/Hr	2014.43	5889.33	7903.76	2009.05	5889.33	7898.38
PR-038	Combination Roller 12 T (Single drum Plain Compactor)	Rs/Hr	1352.83	5154.82	6507.65	1347.6	5154.76	6502.36
PR-039	Combination Roller 8T (Single drum Plain Compactor)	Rs/Hr	1279.29	5113.24	6392.53	1274.34	5113.19	6387.53
PR-040	P.T.R. (8 - Wheeler) 24 T	Rs/Hr	1446.72	4667.15	6113.87	1435.83	4667.09	6102.92
PR-041	P.T.R. (8 - Wheeler) 18 T	Rs/Hr	1350.9	4596.3	5947.2	1340.02	4596.3	5936.32
PR-043	Tandem Roller 10 T	Rs/Hr	1391.13	4731.98	6123.11	1386.84	4731.93	6118.77
PR-044	Power Broom	Rs/Hr	29.95	416.02	445.97	26.83	413.24	440.07
PR-045	Bitumen Dist. Tow Type 2000 Liter	Rs/Hr	207.4	1309.19	1516.59	206.22	1309.19	1515.41
PR-046	Bitumen Sprayer (Manual) 250 gallon	Rs/Hr	25.91	614.89	640.8	24.39	614.3	638.69
PR-047	Chip Spreader up to 3M Wide (attachment)	Rs/Hr	292.13	1428.54	1720.67	286.91	1426.51	1713.42
PR-048	Asphalt Plant 140 T	Rs/Hr	22444.74	29404.87	51849.61	22356.85	29360.93	51717.78
PR-049	Asphalt Plant 120 T	Rs/Hr	21680.53	27088.78	48769.31	21625.81	27061.42	48687.23
PR-050	Asphalt Plant 40 T	Rs/Hr	4795.75	13100.43	17896.18	4753.51	13079.31	17832.82
PR-051	Asphalt Plant 20 T	Rs/Hr	3810.65	6393.17	10203.82	3781.44	6378.56	10160
PR-052	Asphalt Paver basic width 3m,max 5.9m Wide	Rs/Hr	7654.07	13397.05	21051.12	7646.08	13393.05	21039.13
PR-053	Asphalt Paver (width 2.4-4.7 m)	Rs/Hr	7255.04	13464.37	20719.41	7248.19	13460.95	20709.14
PR-054	Cold Milling Machine 2 M Wide	Rs/Hr	5998.69	14074.1	20072.79	5979.47	14074.1	20053.57
PR-055	Hand Push high Pressure Cold and Rubber Paint Marking Machine	Rs/Hr	532.68	974.23	1506.91	531.37	974.23	1505.6
PR-056	Aggregate Spreader Up to 3M Wide	Rs/Hr	7255.04	13464.37	20719.41	7248.19	13460.95	20709.14
PR-057	Asphalt Cutter	Rs/Hr	19.76	583.06	602.82	19.68	583.06	602.74
PR-058	Rock Crushing & Screening (200 T/Hr)	Rs/Hr	9922.29	5762.27	15684.56	9865.59	5742.43	15608.02
PR-060	Asphalt Recycling Machine 0 to 60mm depth - 3 to 4m width 120 tons/hr	Rs/Hr	36485.7	19696.89	56182.59	36453.11	19696.89	56150
PR-061	Hand Push Thermoplastic Road Marking Machine with double cylinder preheater	Rs/Hr	1030	1692.14	2722.14	1018.88	1692.14	2711.02
PR-062	Cordless Drill Machine	Rs/Hr	1.67	571.14	572.81	1.67	571.14	572.81
PR-063	Crawler Rock driller	Rs/Hr	2530.73	8121.13	10651.86	2525.74	8121.13	10646.87
PS-064	Grouting Machine(electric) out put 3.6 cum/hr	Rs/Hr	52.22	1294.79	1347.01	51.8	1294.79	1346.59
PS-065	Hydraulic jack with pump upto 2000 Ton	Rs/Hr	466.85	1328.28	1795.13	464.01	1328.28	1792.29
PR-066	Guard Rail Pile Driver Machine	Rs/Hr	266.98	2048.14	2315.12	258.99	2048.14	2307.13
PS-071	Concrete Batching Plant 25m3/hr	Rs/Hr	5296.31	5819.98	11116.29	5284.97	5816.01	11100.98
PS-072	Concrete Static Mixer 1 Cum	Rs/Hr	876.34	1178.17	2054.51	870.67	1176.19	2046.86
PS-073	Concrete Static Mixer 1/4 Cum	Rs/Hr	79.19	1061.68	1140.87	73.52	1059.69	1133.21
PS-074	Concrete Transit Mixer 6 Cum	Rs/Hr	2411.47	3099.33	5510.8	2404.67	3099.33	5504
PS-075	Concrete Transit Mixer 4 Cum	Rs/Hr	1476.56	2712.08	4188.64	1470.89	2712.08	4182.97
PS-076	Stressing Equipment for 6500 KN force with electric power	Rs/Hr	219.47	1346.29	1565.76	218.32	1346.29	1564.61
PS-077	Concrete Cutter	Rs/Hr	19.76	583.06	602.82	19.68	583.06	602.74
PS-078	Piling Rig (dia up to 1m)	Rs/Hr	13491.96	16185.44	29677.4	13310.52	16094.72	29405.24
PS-079	Piling Rig (Dia 1m to 2m)	Rs/Hr	29031.72	28930.83	57962.55	28953.24	28891.59	57844.83

OWNING AND OPERATING RATES FOR PLANT AND EQUIPMENT

Codes	Description	Unit	Narawal			Okara		
			Owning Cost	Operating Cost	Total Cost	Owning Cost	Operating Cost	Total Cost
PS-080	Vibrator (Poker 1.5 ")	Rs/Hr	4.5	661.12	665.62	4.49	661.12	665.61
PS-081	Percussion Boring Rig (Diesel)	Rs/Hr	2627.16	10347.22	12974.38	2581.8	10324.54	12906.34
PS-082	Concrete Pump 33 m with tuck chassis	Rs/Hr	2888.09	16437.26	19325.35	2783.76	16385.1	19168.86
PS-083	Girder Launcher (Erecting Capacity max 200 ton)	Rs/Hr	6939.03	5250.13	12189.16	6791.46	5192.58	11984.04
PS-084	Tripod & Chain Pulley (20 Ton)	Rs/Hr	115.69	889.85	1005.54	106.61	889.85	996.46
PS-085	Shotcrete Machine 5-8 cum/hr	Rs/Hr	390.92	2387.77	2778.69	389.77	2387.32	2777.09
PS-086	Concrete Slip form Paver 2 to 6m for Road Pavement	Rs/Hr	13348.12	15157.7	28505.82	13329.97	15157.7	28487.67
PS-087	Concrete Slip form Paver for Barrier,curbs,sidewalk up to 3 m	Rs/Hr	5875.11	8856.69	14731.8	5858.33	8856.69	14715.02
PR-088	Asphalt Static Mixer 1 Cum	Rs/Hr	681.98	1110.14	1792.12	676.31	1108.16	1784.47
PS-089	Straight Rotary machine up to 250 mm dia with all tools	Rs/Hr	142.64	1670.17	1812.81	138.11	1663.87	1801.98
PX-090	Submersible Slug Pump with 65 ft Head	Rs/Hr	15.59	96.76	112.35	15.54	96.74	112.28
PX-091	Tractor 80 HP	Rs/Hr	168.82	2961.34	3130.16	167.08	2961.34	3128.42
PX-092	Tractor 50 HP	Rs/Hr	68.07	1891.02	1959.09	67.14	1891.02	1958.16
PX-093	Water Tank Bowser Type 12000 Liter	Rs/Hr	682.32	5990.05	6672.37	672.11	5990.05	6662.16
PX-094	Water Tank Tow Type 4000 Liter (Including Tractor)	Rs/Hr	174.9	2038.92	2213.82	169.99	2038.92	2208.91
PX-095	Flat Body Truck pay load upto 8 ton	Rs/Hr	376.65	5505.26	5881.91	374.11	5505.26	5879.37
PX-096	Sedan Car 1300 cc	Rs/Hr	253.22	2158.92	2412.14	252.5	2158.92	2411.42
PX-097	Sedan Car 1000 cc	Rs/Hr	202.64	1458.93	1661.57	202.06	1458.93	1660.99
PX-098	Pickup 2800 cc 4 x 4	Rs/Hr	644.8	2673.84	3318.64	643.65	2673.84	3317.49
PX-099	Pickup 2200 cc 4 x 2	Rs/Hr	357.58	1814.71	2172.29	356.43	1814.71	2171.14
PX-100	Pickup 800 cc 4 x 2	Rs/Hr	101.62	897.22	998.84	101.25	897.22	998.47
PX-101	Jeep 1300 cc 4 x 4	Rs/Hr	416.65	1543.17	1959.82	416.2	1543.17	1959.37
PX-102	Trailer Low Bed 30 ton	Rs/Hr	949.38	6560.08	7509.46	943.39	6560.08	7503.47
PX-103	Crane up to 55 Ton	Rs/Hr	3062.29	10577.52	13639.81	3043.29	10577.52	13620.81
PX-104	Crane Upto 25 ton	Rs/Hr	1930.63	9377.53	11308.16	1915.71	9377.53	11293.24
PX-105	Electric Diaphragm Pump	Rs/Hr	29.39	139.08	168.47	29.11	138.97	168.08
PX-106	Sand Blasting Machine	Rs/Hr	309.44	1000.41	1309.85	309.08	1000.41	1309.49
PX-107	Dump Truck 30 ton (18 cum)	Rs/Hr	2040.42	10297.72	12338.14	2034.98	10297.72	12332.7
PX-108	Tractor with Trolley (8 ton)	Rs/Hr	166.11	2674.13	2840.24	164.81	2674.13	2838.94
PX-109	Welding Plant	Rs/Hr	3.02	98.72	101.74	2.97	98.7	101.67
PX-110	Generator (Diesel) 150 kVa	Rs/Hr	171.05	7476.35	7647.4	170.13	7475.99	7646.12
PX-111	Generator (Diesel) 250 kVa	Rs/Hr	305.45	11135.52	11440.97	304.16	11135.02	11439.18
PX-112	Diesel Tanker 25000 Liter with Pump	Rs/Hr	682.67	7619.57	8302.24	666.79	7619.57	8286.36
PX-113	Forging /Shape Machine	Rs/Hr	32.17	659.9	692.07	31.89	659.9	691.79
PX-114	Generator (Diesel) 50 KVA	Rs/Hr	89.74	2711.93	2801.67	89.28	2711.75	2801.03
PX-115	Diesel Tanker 12000 Liter with Pump	Rs/Hr	351.77	4151.56	4503.33	340.43	4151.56	4491.99
PX-116	Diesel Tanker 5000 Liter with Pump	Rs/Hr	270.35	3218.56	3488.91	264.83	3218.56	3483.39
PX-117	Diesel Generator 20 KVA	Rs/Hr	65	2069.81	2134.81	64.69	2069.69	2134.38
PX-118	Diesel Generator 5 KVA	Rs/Hr	13.47	1030.92	1044.39	13.43	1030.91	1044.34
PX-119	Steel Rolling Machine	Rs/Hr	85.57	417.88	503.45	83.76	417.18	500.94
PX-120	Diesel Generator 13 KVA	Rs/Hr	63.07	1496.37	1559.44	63.03	1496.36	1559.39

OWNING AND OPERATING RATES FOR PLANT AND EQUIPMENT

Codes	Description	Unit	Pakpattan			Rahim Yar Khan		
			Owning Cost	Operating Cost	Total Cost	Owning Cost	Operating Cost	Total Cost
PE-001	Bulldozer-264 HP (Crawler Dozer-Track Type) with Blade Capacity 7 cum	Rs/Hr	4517.61	10996.69	15514.3	4496.34	10996.69	15493.03
PE-002	Bulldozer-200 HP (Crawler Dozer-Track Type) with Blade Capacity 4.4 cum	Rs/Hr	3016.12	8999.19	12015.31	3000.42	8999.19	11999.61
PE-003	Bulldozer-130 HP (Crawler Dozer-Track Type) with Blade Capacity 2.7 cum	Rs/Hr	2750.23	7057.14	9807.37	2740.89	7057.14	9798.03
PE-004	Wheel Loader 187HP with Bucket Capacity 3.3 cum	Rs/Hr	3600.63	7473.47	11074.1	3588.28	7473.47	11061.75
PE-005	Wheel Loader 166 HP with Bucket Capacity 2.8 cum	Rs/Hr	2842.03	6511.91	9353.94	2831.76	6511.91	9343.67
PE-006	Wheel Loader 135 HP with Bucket Capacity 1.90 cum	Rs/Hr	2647.7	5472.45	8120.15	2639.57	5472.45	8112.02
PE-008	Dumper loading Capacity 18 T	Rs/Hr	1511.47	3265.27	4776.74	1501.34	3265.27	4766.61
PE-009	Dumper loading Capacity 10 T	Rs/Hr	892.97	3064.61	3957.58	887.04	3064.61	3951.65
PE-010	Excavator (Track Type) 100 HP	Rs/Hr	2344.3	7955.64	10299.94	2328.05	7955.64	10283.69
PE-011	Compressor 300 CFM	Rs/Hr	412.51	7411.39	7823.9	410.98	7411.39	7822.37
PE-012	Rock Driller -Pneumatic-plug	Rs/Hr	21.58	612.2	633.78	21.56	612.19	633.75
PE-013	Electric Saw	Rs/Hr	1.38	575.15	576.53	1.37	575.15	576.52
PE-014	Petrol Motorized Chain Saw	Rs/Hr	8.84	348.44	357.28	8.83	360.26	369.09
PE-015	Electric Breaker (Demolition Hammer)	Rs/Hr	15.68	577.47	593.15	15.65	577.47	593.12
PE-016	Plate Compactor	Rs/Hr	86.45	1063.13	1149.58	86.06	1062.98	1149.04
PE-017	Pugmill 40 Tons per hour	Rs/Hr	1273.77	8928.24	10202.01	1126.57	8928.24	10054.81
PR-018	Combination Roller 18 T Single drum Pad/Sheep Foot Compactor	Rs/Hr	2206.27	6626.59	8832.86	2197.26	6626.49	8823.75
PR-019	Combination Roller 12 T (Single drum Pad/Sheep Foot Compactor)	Rs/Hr	1478.78	5171.35	6650.13	1470.02	5171.25	6641.27
PR-020	Combination Roller 8T (Single drum Pad/Sheep Foot Compactor)	Rs/Hr	1398.37	5123.93	6522.3	1390.09	5123.83	6513.92
PE-021	Excavator (Track Type) 168 HP with Bucket Capacity 0.8 cum	Rs/Hr	2575.37	8327.03	10902.4	2557.98	8327.03	10885.01
PE-022	Excavator (Track Type) 250 HP with Bucket Capacity 1.4 cum	Rs/Hr	2890.41	11007.26	13897.67	2866.78	11007.26	13874.04
PE-023	Excavator (Track Type) 345 HP with Bucket Capacity 2.2 cum	Rs/Hr	3458.36	13951.86	17410.22	3426.65	13951.86	17378.51
PE-024	Jack Hammer side type for Excavator (Track Type) 168 HP with Bucket Capacity 0.9 cum	Rs/Hr	143.3	516.9	660.2	141.08	514.92	656
PE-025	Jack Hammer side type for Excavator (Track Type) 265/340 HP with Bucket Capacity 1.6/2.3 cum	Rs/Hr	299.44	655.87	955.31	295.64	652.48	948.12
PS-026	Pipe Layer with lifting weight upto 25 Ton	Rs/Hr	2249.5	8384.47	10633.97	2228.61	8384.47	10613.08
PR-031	Motor Grader 250HP with Blade length 4.32m	Rs/Hr	4003.42	9804.54	13807.96	3988.76	9804.54	13793.3
PR-032	Motor Grader 218HP with Blade length 4.32m	Rs/Hr	3500.94	8032.74	11533.68	3488.82	8032.74	11521.56
PR-033	Tandem Roller 12 T	Rs/Hr	1773.73	4811.87	6585.6	1764.99	4811.77	6576.76
PR-034	Tandem Roller 8 T	Rs/Hr	1269.81	4547.91	5817.72	1262.77	4547.83	5810.6
PR-035	Tandem Roller 6 T	Rs/Hr	1174	2874.27	4048.27	1166.96	2874.2	4041.16
PR-036	Tandem Roller 1.50 T	Rs/Hr	422.87	2197.11	2619.98	421.58	2197.09	2618.67
PR-037	Combination Roller 18 T Single drum Plain Compactor	Rs/Hr	2008.06	5889.33	7897.39	1999.05	5889.33	7888.38
PR-038	Combination Roller 12 T (Single drum Plain Compactor)	Rs/Hr	1346.64	5154.75	6501.39	1337.88	5154.66	6492.54
PR-039	Combination Roller 8T (Single drum Plain Compactor)	Rs/Hr	1273.42	5113.18	6386.6	1265.13	5113.09	6378.22
PR-040	P.T.R. (8 - Wheeler) 24 T	Rs/Hr	1433.81	4667.08	6100.89	1415.58	4666.99	6082.57
PR-041	P.T.R. (8 - Wheeler) 18 T	Rs/Hr	1338	4596.3	5934.3	1319.77	4596.3	5916.07
PR-043	Tandem Roller 10 T	Rs/Hr	1386.04	4731.92	6117.96	1378.85	4731.84	6110.69
PR-044	Power Broom	Rs/Hr	26.25	412.73	438.98	21.03	408.08	429.11
PR-045	Bitumen Dist. Tow Type 2000 Liter	Rs/Hr	206.01	1309.19	1515.2	204.03	1309.19	1513.22
PR-046	Bitumen Sprayer (Manual) 250 gallon	Rs/Hr	24.11	614.19	638.3	21.58	613.2	634.78
PR-047	Chip Spreader up to 3M Wide (attachment)	Rs/Hr	285.95	1426.13	1712.08	277.21	1422.73	1699.94
PR-048	Asphalt Plant 140 T	Rs/Hr	22340.58	29352.79	51693.37	22193.38	29279.19	51472.57
PR-049	Asphalt Plant 120 T	Rs/Hr	21615.68	27056.36	48672.04	21524.04	27010.54	48534.58
PR-050	Asphalt Plant 40 T	Rs/Hr	4745.68	13075.4	17821.08	4674.93	13040.02	17714.95
PR-051	Asphalt Plant 20 T	Rs/Hr	3776.04	6375.86	10151.9	3727.13	6351.41	10078.54
PR-052	Asphalt Paver basic width 3m,max 5.9m Wide	Rs/Hr	7644.61	13392.32	21036.93	7631.23	13385.63	21016.86
PR-053	Asphalt Paver (width 2.4-4.7 m)	Rs/Hr	7246.92	13460.31	20707.23	7235.45	13454.58	20690.03
PR-054	Cold Milling Machine 2 M Wide	Rs/Hr	5975.91	14074.1	20050.01	5943.71	14074.1	20017.81
PR-055	Hand Push high Pressure Cold and Rubber Paint Marking Machine	Rs/Hr	531.12	974.23	1505.35	528.92	974.23	1503.15
PR-056	Aggregate Spreader Up to 3M Wide	Rs/Hr	7246.92	13460.31	20707.23	7235.45	13454.58	20690.03
PR-057	Asphalt Cutter	Rs/Hr	19.66	583.06	602.72	19.52	583.06	602.58
PR-058	Rock Crushing & Screening (200 T/Hr)	Rs/Hr	9855.09	5738.75	15593.84	9760.12	5705.51	15465.63
PR-060	Asphalt Recycling Machine 0 to 60mm depth - 3 to 4m width 120 tons/hr	Rs/Hr	36447.08	19696.89	56143.97	36392.49	19696.89	56089.38
PR-061	Hand Push Thermoplastic Road Marking Machine with double cylinder preheater	Rs/Hr	1016.82	1692.14	2708.96	998.19	1692.14	2690.33
PR-062	Cordless Drill Machine	Rs/Hr	1.67	571.14	572.81	1.67	571.14	572.81
PR-063	Crawler Rock driller	Rs/Hr	2524.82	8121.13	10645.95	2516.46	8121.13	10637.59
PS-064	Grouting Machine(electric) out put 3.6 cum/hr	Rs/Hr	51.72	1294.79	1346.51	51	1294.79	1345.79
PS-065	Hydraulic jack with pump upto 2000 Ton	Rs/Hr	463.49	1328.28	1791.77	458.74	1328.28	1787.02
PR-066	Guard Rail Pile Driver Machine	Rs/Hr	257.51	2048.14	2305.65	244.12	2048.14	2292.26
PS-071	Concrete Batching Plant 25m3/hr	Rs/Hr	5282.87	5815.28	11098.15	5263.88	5808.63	11072.51
PS-072	Concrete Static Mixer 1 Cum	Rs/Hr	869.62	1175.82	2045.44	860.13	1172.5	2032.63
PS-073	Concrete Static Mixer 1/4 Cum	Rs/Hr	72.47	1059.33	1131.8	62.98	1056	1118.98
PS-074	Concrete Transit Mixer 6 Cum	Rs/Hr	2403.41	3099.33	5502.74	2392.01	3099.33	5491.34
PS-075	Concrete Transit Mixer 4 Cum	Rs/Hr	1469.84	2712.08	4181.92	1460.35	2712.08	4172.43
PS-076	Stressing Equipment for 6500 KN force with electric power	Rs/Hr	218.1	1346.29	1564.39	216.16	1346.29	1562.45
PS-077	Concrete Cutter	Rs/Hr	19.66	583.06	602.72	19.52	583.06	602.58
PS-078	Piling Rig (dia up to 1m)	Rs/Hr	13276.92	16077.92	29354.84	12973.03	15925.98	28899.01
PS-079	Piling Rig (Dia 1m to 2m)	Rs/Hr	28938.71	28884.33	57823.04	28807.28	28818.61	57625.89

OWNING AND OPERATING RATES FOR PLANT AND EQUIPMENT

Codes	Description	Unit	Pakpattan			Rahim Yar Khan		
			Owning Cost	Operating Cost	Total Cost	Owning Cost	Operating Cost	Total Cost
PS-080	Vibrator (Poker 1.5 ")	Rs/Hr	4.49	661.12	665.61	4.48	661.11	665.59
PS-081	Percussion Boring Rig (Diesel)	Rs/Hr	2573.4	10320.34	12893.74	2497.43	10282.36	12779.79
PS-082	Concrete Pump 33 m with tuck chassis	Rs/Hr	2764.44	16375.44	19139.88	2589.7	16288.07	18877.77
PS-083	Girder Launcher (Erecting Capacity max 200 ton)	Rs/Hr	6764.13	5181.92	11946.05	6516.96	5085.52	11602.48
PS-084	Tripod & Chain Pulley (20 Ton)	Rs/Hr	104.93	889.85	994.78	89.74	889.85	979.59
PS-085	Shotcrete Machine 5-8 cum/hr	Rs/Hr	389.56	2387.24	2776.8	387.64	2386.49	2774.13
PS-086	Concrete Slip form Paver 2 to 6m for Road Pavement	Rs/Hr	13326.61	15157.7	28484.31	13296.22	15157.7	28453.92
PS-087	Concrete Slip form Paver for Barrier,curbs,sidewalk up to 3 m	Rs/Hr	5855.22	8856.69	14711.91	5827.11	8856.69	14683.8
PR-088	Asphalt Static Mixer 1 Cum	Rs/Hr	675.26	1107.79	1783.05	665.76	1104.47	1770.23
PS-089	Straight Rotary machine up to 250 mm dia with all tools	Rs/Hr	137.27	1662.7	1799.97	129.67	1652.14	1781.81
PX-090	Submersible Slug Pump with 65 ft Head	Rs/Hr	15.53	96.73	112.26	15.43	96.69	112.12
PX-091	Tractor 80 HP	Rs/Hr	166.76	2961.34	3128.1	163.86	2961.34	3125.2
PX-092	Tractor 50 HP	Rs/Hr	66.97	1891.02	1957.99	65.4	1891.02	1956.42
PX-093	Water Tank Bowser Type 12000 Liter	Rs/Hr	670.22	5990.05	6660.27	653.13	5990.05	6643.18
PX-094	Water Tank Tow Type 4000 Liter (Including Tractor)	Rs/Hr	169.08	2038.92	2208	160.86	2038.92	2199.78
PX-095	Flat Body Truck pay load upto 8 ton	Rs/Hr	373.64	5505.26	5878.9	369.38	5505.26	5874.64
PX-096	Sedan Car 1300 cc	Rs/Hr	252.36	2158.92	2411.28	251.15	2158.92	2410.07
PX-097	Sedan Car 1000 cc	Rs/Hr	201.95	1458.93	1660.88	200.97	1458.93	1659.9
PX-098	Pickup 2800 cc 4 x 4	Rs/Hr	643.44	2673.84	3317.28	641.51	2673.84	3315.35
PX-099	Pickup 2200 cc 4 x 2	Rs/Hr	356.22	1814.71	2170.93	354.29	1814.71	2169
PX-100	Pickup 800 cc 4 x 2	Rs/Hr	101.18	897.22	998.4	100.57	897.22	997.79
PX-101	Jeep 1300 cc 4 x 4	Rs/Hr	416.12	1543.17	1959.29	415.36	1543.17	1958.53
PX-102	Trailer Low Bed 30 ton	Rs/Hr	942.28	6560.08	7502.36	932.25	6560.08	7492.33
PX-103	Crane up to 55 Ton	Rs/Hr	3039.77	10577.52	13617.29	3007.95	10577.52	13585.47
PX-104	Crane Upto 25 ton	Rs/Hr	1912.95	9377.53	11290.48	1887.96	9377.53	11265.49
PX-105	Electric Diaphragm Pump	Rs/Hr	29.06	138.95	168.01	28.58	138.77	167.35
PX-106	Sand Blasting Machine	Rs/Hr	309.01	1000.41	1309.42	308.41	1000.41	1308.82
PX-107	Dump Truck 30 ton (18 cum)	Rs/Hr	2033.97	10297.72	12331.69	2024.85	10297.72	12322.57
PX-108	Tractor with Trolley (8 ton)	Rs/Hr	164.56	2674.13	2838.69	162.39	2674.13	2836.52
PX-109	Welding Plant	Rs/Hr	2.96	98.7	101.66	2.87	98.66	101.53
PX-110	Generator (Diesel) 150 kVa	Rs/Hr	169.97	7475.93	7645.9	168.43	7475.33	7643.76
PX-111	Generator (Diesel) 250 kVa	Rs/Hr	303.92	11134.93	11438.85	301.75	11134.08	11435.83
PX-112	Diesel Tanker 25000 Liter with Pump	Rs/Hr	663.85	7619.57	8283.42	637.26	7619.57	8256.83
PX-113	Forging /Shape Machine	Rs/Hr	31.84	659.9	691.74	31.37	659.9	691.27
PX-114	Generator (Diesel) 50 KVA	Rs/Hr	89.2	2711.72	2800.92	88.43	2711.42	2799.85
PX-115	Diesel Tanker 12000 Liter with Pump	Rs/Hr	338.33	4151.56	4489.89	319.33	4151.56	4470.89
PX-116	Diesel Tanker 5000 Liter with Pump	Rs/Hr	263.81	3218.56	3482.37	254.57	3218.56	3473.13
PX-117	Diesel Generator 20 KVA	Rs/Hr	64.63	2069.67	2134.3	64.12	2069.47	2133.59
PX-118	Diesel Generator 5 KVA	Rs/Hr	13.42	1030.9	1044.32	13.35	1030.87	1044.22
PX-119	Steel Rolling Machine	Rs/Hr	83.42	417.05	500.47	80.38	415.86	496.24
PX-120	Diesel Generator 13 KVA	Rs/Hr	63.03	1496.36	1559.39	62.96	1496.33	1559.29

OWNING AND OPERATING RATES FOR PLANT AND EQUIPMENT

Codes	Description	Unit	Rajanpur			Rawalpindi		
			Owning Cost	Operating Cost	Total Cost	Owning Cost	Operating Cost	Total Cost
PE-001	Bulldozer-264 HP (Crawler Dozer-Track Type) with Blade Capacity 7 cum	Rs/Hr	4500.31	10996.69	15497	4535.59	10996.69	15532.28
PE-002	Bulldozer-200 HP (Crawler Dozer-Track Type) with Blade Capacity 4.4 cum	Rs/Hr	3003.35	8999.19	12002.54	3029.4	8999.19	12028.59
PE-003	Bulldozer-130 HP (Crawler Dozer-Track Type) with Blade Capacity 2.7 cum	Rs/Hr	2742.63	7057.14	9799.77	2758.13	7057.14	9815.27
PE-004	Wheel Loader 187HP with Bucket Capacity 3.3 cum	Rs/Hr	3590.59	7473.47	11064.06	3611.06	7473.47	11084.53
PE-005	Wheel Loader 166 HP with Bucket Capacity 2.8 cum	Rs/Hr	2833.67	6511.91	9345.58	2850.71	6511.91	9362.62
PE-006	Wheel Loader 135 HP with Bucket Capacity 1.90 cum	Rs/Hr	2641.09	5472.45	8113.54	2654.57	5472.45	8127.02
PE-008	Dumper loading Capacity 18 T	Rs/Hr	1503.23	3265.27	4768.5	1520.03	3265.27	4785.3
PE-009	Dumper loading Capacity 10 T	Rs/Hr	888.15	3064.61	3952.76	897.98	3064.61	3962.59
PE-010	Excavator (Track Type) 100 HP	Rs/Hr	2331.08	7955.64	10286.72	2358.04	7955.64	10313.68
PE-011	Compressor 300 CFM	Rs/Hr	411.26	7411.39	7822.65	413.8	7411.39	7825.19
PE-012	Rock Driller -Pneumatic-plug	Rs/Hr	21.57	612.19	633.76	21.59	612.2	633.79
PE-013	Electric Saw	Rs/Hr	1.38	575.15	576.53	1.38	575.15	576.53
PE-014	Petrol Motorized Chain Saw	Rs/Hr	8.83	351.75	360.58	8.84	438.81	447.65
PE-015	Electric Breaker (Demolition Hammer)	Rs/Hr	15.66	577.47	593.13	15.7	577.47	593.17
PE-016	Plate Compactor	Rs/Hr	86.13	1063.01	1149.14	86.78	1063.26	1150.04
PE-017	Pugmill 40 Tons per hour	Rs/Hr	1154.05	8928.24	10082.29	1398.18	8928.24	10326.42
PR-018	Combination Roller 18 T Single drum Pad/Sheep Foot Compactor	Rs/Hr	2198.94	6626.5	8825.44	2213.88	6626.67	8840.55
PR-019	Combination Roller 12 T (Single drum Pad/Sheep Foot Compactor)	Rs/Hr	1471.65	5171.27	6642.92	1486.18	5171.43	6657.61
PR-020	Combination Roller 8T (Single drum Pad/Sheep Foot Compactor)	Rs/Hr	1391.63	5123.85	6515.48	1405.38	5124	6529.38
PE-021	Excavator (Track Type) 168 HP with Bucket Capacity 0.8 cum	Rs/Hr	2561.22	8327.03	10888.25	2590.08	8327.03	10917.11
PE-022	Excavator (Track Type) 250 HP with Bucket Capacity 1.4 cum	Rs/Hr	2871.19	11007.26	13878.45	2910.38	11007.26	13917.64
PE-023	Excavator (Track Type) 345 HP with Bucket Capacity 2.2 cum	Rs/Hr	3432.57	13951.86	17384.43	3485.16	13951.86	17437.02
PE-024	Jack Hammer side type for Excavator (Track Type) 168 HP with Bucket Capacity 0.9 cum	Rs/Hr	141.5	515.3	656.8	145.17	518.56	663.73
PE-025	Jack Hammer side type for Excavator (Track Type) 265/340 HP with Bucket Capacity 1.6/2.3 cum	Rs/Hr	296.35	653.12	949.47	302.65	658.72	961.37
PS-026	Pipe Layer with lifting weight upto 25 Ton	Rs/Hr	2232.51	8384.47	10616.98	2267.16	8384.47	10651.63
PR-031	Motor Grader 250HP with Blade length 4.32m	Rs/Hr	3991.5	9804.54	13796.04	4015.81	9804.54	13820.35
PR-032	Motor Grader 218HP with Blade length 4.32m	Rs/Hr	3491.09	8032.74	11523.83	3511.18	8032.74	11543.92
PR-033	Tandem Roller 12 T	Rs/Hr	1766.62	4811.79	6578.41	1781.11	4811.95	6593.06
PR-034	Tandem Roller 8 T	Rs/Hr	1264.09	4547.85	5811.94	1275.76	4547.97	5823.73
PR-035	Tandem Roller 6 T	Rs/Hr	1168.28	2874.21	4042.49	1179.94	2874.34	4054.28
PR-036	Tandem Roller 1.50 T	Rs/Hr	421.82	2197.1	2618.92	423.96	2197.13	2621.09
PR-037	Combination Roller 18 T Single drum Plain Compactor	Rs/Hr	2000.73	5889.33	7890.06	2015.67	5889.33	7905
PR-038	Combination Roller 12 T (Single drum Plain Compactor)	Rs/Hr	1339.51	5154.67	6494.18	1354.04	5154.83	6508.87
PR-039	Combination Roller 8T (Single drum Plain Compactor)	Rs/Hr	1266.68	5113.1	6379.78	1280.43	5113.26	6393.69
PR-040	P.T.R. (8 - Wheeler) 24 T	Rs/Hr	1418.98	4667.01	6085.99	1449.22	4667.16	6116.38
PR-041	P.T.R. (8 - Wheeler) 18 T	Rs/Hr	1323.17	4596.3	5919.47	1353.41	4596.3	5949.71
PR-043	Tandem Roller 10 T	Rs/Hr	1380.19	4731.86	6112.05	1392.12	4731.99	6124.11
PR-044	Power Broom	Rs/Hr	22	408.94	430.94	30.67	416.66	447.33
PR-045	Bitumen Dist. Tow Type 2000 Liter	Rs/Hr	204.4	1309.19	1513.59	207.68	1309.19	1516.87
PR-046	Bitumen Sprayer (Manual) 250 gallon	Rs/Hr	22.05	613.38	635.43	26.25	615.02	641.27
PR-047	Chip Spreader up to 3M Wide (attachment)	Rs/Hr	278.84	1423.36	1702.2	293.33	1429.01	1722.34
PR-048	Asphalt Plant 140 T	Rs/Hr	22220.87	29292.94	51513.81	22464.99	29415	51879.99
PR-049	Asphalt Plant 120 T	Rs/Hr	21541.15	27019.09	48560.24	21693.14	27095.09	48788.23
PR-050	Asphalt Plant 40 T	Rs/Hr	4688.14	13046.63	17734.77	4805.48	13105.3	17910.78
PR-051	Asphalt Plant 20 T	Rs/Hr	3736.26	6355.97	10092.23	3817.37	6396.53	10213.9
PR-052	Asphalt Paver basic width 3m,max 5.9m Wide	Rs/Hr	7633.73	13386.88	21020.61	7655.91	13397.97	21053.88
PR-053	Asphalt Paver (width 2.4-4.7 m)	Rs/Hr	7237.59	13455.65	20693.24	7256.62	13465.16	20721.78
PR-054	Cold Milling Machine 2 M Wide	Rs/Hr	5949.73	14074.1	20023.83	6003.12	14074.1	20077.22
PR-055	Hand Push high Pressure Cold and Rubber Paint Marking Machine	Rs/Hr	529.33	974.23	1503.56	532.98	974.23	1507.21
PR-056	Aggregate Spreader Up to 3M Wide	Rs/Hr	7237.59	13455.65	20693.24	7256.62	13465.16	20721.78
PR-057	Asphalt Cutter	Rs/Hr	19.55	583.06	602.61	19.78	583.06	602.84
PR-058	Rock Crushing & Screening (200 T/Hr)	Rs/Hr	9777.86	5711.72	15489.58	9935.36	5766.84	15702.2
PR-060	Asphalt Recycling Machine 0 to 60mm depth - 3 to 4m width 120 tons/hr	Rs/Hr	36402.68	19696.89	56099.57	36493.21	19696.89	56190.1
PR-061	Hand Push Thermoplastic Road Marking Machine with double cylinder preheater	Rs/Hr	1001.67	1692.14	2693.81	1032.57	1692.14	2724.71
PR-062	Cordless Drill Machine	Rs/Hr	1.67	571.14	572.81	1.67	571.14	572.81
PR-063	Crawler Rock driller	Rs/Hr	2518.02	8121.13	10639.15	2531.88	8121.13	10653.01
PS-064	Grouting Machine(electric) out put 3.6 cum/hr	Rs/Hr	51.14	1294.79	1345.93	52.32	1294.79	1347.11
PS-065	Hydraulic jack with pump upto 2000 Ton	Rs/Hr	459.63	1328.28	1787.91	467.5	1328.28	1795.78
PR-066	Guard Rail Pile Driver Machine	Rs/Hr	246.62	2048.14	2294.76	268.83	2048.14	2316.97
PS-071	Concrete Batching Plant 25m3/hr	Rs/Hr	5267.42	5809.87	11077.29	5298.92	5820.9	11119.82
PS-072	Concrete Static Mixer 1 Cum	Rs/Hr	861.9	1173.12	2035.02	877.65	1178.63	2056.28
PS-073	Concrete Static Mixer 1/4 Cum	Rs/Hr	64.75	1056.62	1121.37	80.5	1062.14	1142.64
PS-074	Concrete Transit Mixer 6 Cum	Rs/Hr	2394.14	3099.33	5493.47	2413.04	3099.33	5512.37
PS-075	Concrete Transit Mixer 4 Cum	Rs/Hr	1462.12	2712.08	4174.2	1477.87	2712.08	4189.95
PS-076	Stressing Equipment for 6500 KN force with electric power	Rs/Hr	216.53	1346.29	1562.82	219.74	1346.29	1566.03
PS-077	Concrete Cutter	Rs/Hr	19.55	583.06	602.61	19.78	583.06	602.84
PS-078	Piling Rig (dia up to 1m)	Rs/Hr	13029.78	15954.35	28984.13	13533.78	16206.35	29740.13
PS-079	Piling Rig (Dia 1m to 2m)	Rs/Hr	28831.82	28830.88	57662.7	29049.8	28939.87	57989.67

OWNING AND OPERATING RATES FOR PLANT AND EQUIPMENT

Codes	Description	Unit	Rajanpur			Rawalpindi		
			Owning Cost	Operating Cost	Total Cost	Owning Cost	Operating Cost	Total Cost
PS-080	Vibrator (Poker 1.5 ")	Rs/Hr	4.48	661.11	665.59	4.5	661.12	665.62
PS-081	Percussion Boring Rig (Diesel)	Rs/Hr	2511.61	10289.45	12801.06	2637.61	10352.45	12990.06
PS-082	Concrete Pump 33 m with tuck chassis	Rs/Hr	2622.33	16304.38	18926.71	2912.13	16449.28	19361.41
PS-083	Girder Launcher (Erecting Capacity max 200 ton)	Rs/Hr	6563.12	5103.52	11666.64	6973.04	5263.39	12236.43
PS-084	Tripod & Chain Pulley (20 Ton)	Rs/Hr	92.58	889.85	982.43	117.78	889.85	1007.63
PS-085	Shotcrete Machine 5-8 cum/hr	Rs/Hr	388	2386.63	2774.63	391.18	2387.87	2779.05
PS-086	Concrete Slip form Paver 2 to 6m for Road Pavement	Rs/Hr	13301.9	15157.7	28459.6	13352.3	15157.7	28510
PS-087	Concrete Slip form Paver for Barrier,curbs,sidewalk up to 3 m	Rs/Hr	5832.36	8856.69	14689.05	5878.98	8856.69	14735.67
PR-088	Asphalt Static Mixer 1 Cum	Rs/Hr	667.53	1105.09	1772.62	683.28	1110.6	1793.88
PS-089	Straight Rotary machine up to 250 mm dia with all tools	Rs/Hr	131.09	1654.11	1785.2	143.69	1671.63	1815.32
PX-090	Submersible Slug Pump with 65 ft Head	Rs/Hr	15.45	96.7	112.15	15.61	96.76	112.37
PX-091	Tractor 80 HP	Rs/Hr	164.4	2961.34	3125.74	169.22	2961.34	3130.56
PX-092	Tractor 50 HP	Rs/Hr	65.69	1891.02	1956.71	68.29	1891.02	1959.31
PX-093	Water Tank Bowser Type 12000 Liter	Rs/Hr	656.32	5990.05	6646.37	684.67	5990.05	6674.72
PX-094	Water Tank Tow Type 4000 Liter (Including Tractor)	Rs/Hr	162.39	2038.92	2201.31	176.03	2038.92	2214.95
PX-095	Flat Body Truck pay load upto 8 ton	Rs/Hr	370.18	5505.26	5875.44	377.23	5505.26	5882.49
PX-096	Sedan Car 1300 cc	Rs/Hr	251.38	2158.92	2410.3	253.39	2158.92	2412.31
PX-097	Sedan Car 1000 cc	Rs/Hr	201.15	1458.93	1660.08	202.78	1458.93	1661.71
PX-098	Pickup 2800 cc 4 x 4	Rs/Hr	641.87	2673.84	3315.71	645.07	2673.84	3318.91
PX-099	Pickup 2200 cc 4 x 2	Rs/Hr	354.65	1814.71	2169.36	357.85	1814.71	2172.56
PX-100	Pickup 800 cc 4 x 2	Rs/Hr	100.68	897.22	997.9	101.71	897.22	998.93
PX-101	Jeep 1300 cc 4 x 4	Rs/Hr	415.5	1543.17	1958.67	416.76	1543.17	1959.93
PX-102	Trailer Low Bed 30 ton	Rs/Hr	934.12	6560.08	7494.2	950.76	6560.08	7510.84
PX-103	Crane up to 55 Ton	Rs/Hr	3013.9	10577.52	13591.42	3066.66	10577.52	13644.18
PX-104	Crane Upto 25 ton	Rs/Hr	1892.62	9377.53	11270.15	1934.07	9377.53	11311.6
PX-105	Electric Diaphragm Pump	Rs/Hr	28.67	138.8	167.47	29.46	139.11	168.57
PX-106	Sand Blasting Machine	Rs/Hr	308.52	1000.41	1308.93	309.52	1000.41	1309.93
PX-107	Dump Truck 30 ton (18 cum)	Rs/Hr	2026.55	10297.72	12324.27	2041.67	10297.72	12339.39
PX-108	Tractor with Trolley (8 ton)	Rs/Hr	162.79	2674.13	2836.92	166.41	2674.13	2840.54
PX-109	Welding Plant	Rs/Hr	2.89	98.67	101.56	3.03	98.72	101.75
PX-110	Generator (Diesel) 150 kVa	Rs/Hr	168.72	7475.44	7644.16	171.26	7476.43	7647.69
PX-111	Generator (Diesel) 250 kVa	Rs/Hr	302.16	11134.24	11436.4	305.75	11135.64	11441.39
PX-112	Diesel Tanker 25000 Liter with Pump	Rs/Hr	642.23	7619.57	8261.8	686.33	7619.57	8305.9
PX-113	Forging /Shape Machine	Rs/Hr	31.46	659.9	691.36	32.24	659.9	692.14
PX-114	Generator (Diesel) 50 KVA	Rs/Hr	88.57	2711.48	2800.05	89.85	2711.98	2801.83
PX-115	Diesel Tanker 12000 Liter with Pump	Rs/Hr	322.88	4151.56	4474.44	354.38	4151.56	4505.94
PX-116	Diesel Tanker 5000 Liter with Pump	Rs/Hr	256.29	3218.56	3474.85	271.62	3218.56	3490.18
PX-117	Diesel Generator 20 KVA	Rs/Hr	64.21	2069.51	2133.72	65.07	2069.84	2134.91
PX-118	Diesel Generator 5 KVA	Rs/Hr	13.36	1030.88	1044.24	13.48	1030.93	1044.41
PX-119	Steel Rolling Machine	Rs/Hr	80.95	416.08	497.03	85.99	418.05	504.04
PX-120	Diesel Generator 13 KVA	Rs/Hr	62.97	1496.34	1559.31	63.08	1496.38	1559.46

OWNING AND OPERATING RATES FOR PLANT AND EQUIPMENT

Codes	Description	Unit	Sahiwal			Sargodha		
			Owning Cost	Operating Cost	Total Cost	Owning Cost	Operating Cost	Total Cost
PE-001	Bulldozer-264 HP (Crawler Dozer-Track Type) with Blade Capacity 7 cum	Rs/Hr	4517.98	10996.69	15514.67	4524.04	10996.69	15520.73
PE-002	Bulldozer-200 HP (Crawler Dozer-Track Type) with Blade Capacity 4.4 cum	Rs/Hr	3016.39	8999.19	12015.58	3020.87	8999.19	12020.06
PE-003	Bulldozer-130 HP (Crawler Dozer-Track Type) with Blade Capacity 2.7 cum	Rs/Hr	2750.39	7057.14	9807.53	2753.05	7057.14	9810.19
PE-004	Wheel Loader 187HP with Bucket Capacity 3.3 cum	Rs/Hr	3600.84	7473.47	11074.31	3604.36	7473.47	11077.83
PE-005	Wheel Loader 166 HP with Bucket Capacity 2.8 cum	Rs/Hr	2842.2	6511.91	9354.11	2845.13	6511.91	9357.04
PE-006	Wheel Loader 135 HP with Bucket Capacity 1.90 cum	Rs/Hr	2647.84	5472.45	8120.29	2650.16	5472.45	8122.61
PE-008	Dumper loading Capacity 18 T	Rs/Hr	1511.64	3265.27	4776.91	1514.53	3265.27	4779.8
PE-009	Dumper loading Capacity 10 T	Rs/Hr	893.07	3064.61	3957.68	894.76	3064.61	3959.37
PE-010	Excavator (Track Type) 100 HP	Rs/Hr	2344.58	7955.64	10300.22	2349.21	7955.64	10304.85
PE-011	Compressor 300 CFM	Rs/Hr	412.53	7411.39	7823.92	412.97	7411.39	7824.36
PE-012	Rock Driller -Pneumatic-plug	Rs/Hr	21.58	612.2	633.78	21.59	612.2	633.79
PE-013	Electric Saw	Rs/Hr	1.38	575.15	576.53	1.38	575.15	576.53
PE-014	Petrol Motorized Chain Saw	Rs/Hr	8.84	372.48	381.32	8.84	377.45	386.29
PE-015	Electric Breaker (Demolition Hammer)	Rs/Hr	15.68	577.47	593.15	15.68	577.47	593.15
PE-016	Plate Compactor	Rs/Hr	86.46	1063.14	1149.6	86.57	1063.18	1149.75
PE-017	Pugmill 40 Tons per hour	Rs/Hr	1276.3	8928.24	10204.54	1318.25	8928.24	10246.49
PR-018	Combination Roller 18 T Single drum Pad/Sheep Foot Compactor	Rs/Hr	2206.42	6626.59	8833.01	2208.99	6626.62	8835.61
PR-019	Combination Roller 12 T (Single drum Pad/Sheep Foot Compactor)	Rs/Hr	1478.93	5171.35	6650.28	1481.42	5171.38	6652.8
PR-020	Combination Roller 8T (Single drum Pad/Sheep Foot Compactor)	Rs/Hr	1398.52	5123.93	6522.45	1400.88	5123.95	6524.83
PE-021	Excavator (Track Type) 168 HP with Bucket Capacity 0.8 cum	Rs/Hr	2575.67	8327.03	10902.7	2580.63	8327.03	10907.66
PE-022	Excavator (Track Type) 250 HP with Bucket Capacity 1.4 cum	Rs/Hr	2890.82	11007.26	13898.08	2897.55	11007.26	13904.81
PE-023	Excavator (Track Type) 345 HP with Bucket Capacity 2.2 cum	Rs/Hr	3458.91	13951.86	17410.77	3467.94	13951.86	17419.8
PE-024	Jack Hammer side type for Excavator (Track Type) 168 HP with Bucket Capacity 0.9 cum	Rs/Hr	143.34	516.94	660.28	143.97	517.5	661.47
PE-025	Jack Hammer side type for Excavator (Track Type) 265/340 HP with Bucket Capacity 1.6/2.3 cum	Rs/Hr	299.51	655.93	955.44	300.59	656.89	957.48
PS-026	Pipe Layer with lifting weight upto 25 Ton	Rs/Hr	2249.86	8384.47	10634.33	2255.82	8384.47	10640.29
PR-031	Motor Grader 250HP with Blade length 4.32m	Rs/Hr	4003.67	9804.54	13808.21	4007.85	9804.54	13812.39
PR-032	Motor Grader 218HP with Blade length 4.32m	Rs/Hr	3501.15	8032.74	11533.89	3504.6	8032.74	11537.34
PR-033	Tandem Roller 12 T	Rs/Hr	1773.88	4811.87	6585.75	1776.37	4811.9	6588.27
PR-034	Tandem Roller 8 T	Rs/Hr	1269.93	4547.91	5817.84	1271.94	4547.93	5819.87
PR-035	Tandem Roller 6 T	Rs/Hr	1174.12	2874.27	4048.39	1176.12	2874.3	4050.42
PR-036	Tandem Roller 1.50 T	Rs/Hr	422.89	2197.11	2620	423.26	2197.12	2620.38
PR-037	Combination Roller 18 T Single drum Plain Compactor	Rs/Hr	2008.21	5889.33	7897.54	2010.78	5889.33	7900.11
PR-038	Combination Roller 12 T (Single drum Plain Compactor)	Rs/Hr	1346.79	5154.75	6501.54	1349.28	5154.78	6504.06
PR-039	Combination Roller 8T (Single drum Plain Compactor)	Rs/Hr	1273.56	5113.18	6386.74	1275.93	5113.21	6389.14
PR-040	P.T.R. (8 - Wheeler) 24 T	Rs/Hr	1434.13	4667.09	6101.22	1439.32	4667.11	6106.43
PR-041	P.T.R. (8 - Wheeler) 18 T	Rs/Hr	1338.31	4596.3	5934.61	1343.51	4596.3	5939.81
PR-043	Tandem Roller 10 T	Rs/Hr	1386.16	4731.92	6118.08	1388.22	4731.95	6120.17
PR-044	Power Broom	Rs/Hr	26.34	412.81	439.15	27.83	414.13	441.96
PR-045	Bitumen Dist. Tow Type 2000 Liter	Rs/Hr	206.04	1309.19	1515.23	206.6	1309.19	1515.79
PR-046	Bitumen Sprayer (Manual) 250 gallon	Rs/Hr	24.16	614.21	638.37	24.88	614.49	639.37
PR-047	Chip Spreader up to 3M Wide (attachment)	Rs/Hr	286.1	1426.19	1712.29	288.59	1427.16	1715.75
PR-048	Asphalt Plant 140 T	Rs/Hr	22343.11	29354.06	51697.17	22385.06	29375.03	51760.09
PR-049	Asphalt Plant 120 T	Rs/Hr	21617.26	27057.15	48674.41	21643.38	27070.21	48713.59
PR-050	Asphalt Plant 40 T	Rs/Hr	4746.9	13076.01	17822.91	4767.07	13086.09	17853.16
PR-051	Asphalt Plant 20 T	Rs/Hr	3776.88	6376.28	10153.16	3790.82	6383.25	10174.07
PR-052	Asphalt Paver basic width 3m,max 5.9m Wide	Rs/Hr	7644.84	13392.43	21037.27	7648.65	13394.34	21042.99
PR-053	Asphalt Paver (width 2.4-4.7 m)	Rs/Hr	7247.12	13460.41	20707.53	7250.39	13462.05	20712.44
PR-054	Cold Milling Machine 2 M Wide	Rs/Hr	5976.46	14074.1	20050.56	5985.64	14074.1	20059.74
PR-055	Hand Push high Pressure Cold and Rubber Paint Marking Machine	Rs/Hr	531.16	974.23	1505.39	531.79	974.23	1506.02
PR-056	Aggregate Spreader Up to 3M Wide	Rs/Hr	7247.12	13460.41	20707.53	7250.39	13462.05	20712.44
PR-057	Asphalt Cutter	Rs/Hr	19.67	583.06	602.73	19.71	583.06	602.77
PR-058	Rock Crushing & Screening (200 T/Hr)	Rs/Hr	9856.72	5739.32	15596.04	9883.79	5748.8	15632.59
PR-060	Asphalt Recycling Machine 0 to 60mm depth - 3 to 4m width 120 tons/hr	Rs/Hr	36448.02	19696.89	56144.91	36463.57	19696.89	56160.46
PR-061	Hand Push Thermoplastic Road Marking Machine with double cylinder preheater	Rs/Hr	1017.14	1692.14	2709.28	1022.45	1692.14	2714.59
PR-062	Cordless Drill Machine	Rs/Hr	1.67	571.14	572.81	1.67	571.14	572.81
PR-063	Crawler Rock driller	Rs/Hr	2524.96	8121.13	10646.09	2527.34	8121.13	10648.47
PS-064	Grouting Machine(electric) out put 3.6 cum/hr	Rs/Hr	51.73	1294.79	1346.52	51.93	1294.79	1346.72
PS-065	Hydraulic jack with pump upto 2000 Ton	Rs/Hr	463.57	1328.28	1791.85	464.92	1328.28	1793.2
PR-066	Guard Rail Pile Driver Machine	Rs/Hr	257.74	2048.14	2305.88	261.56	2048.14	2309.7
PS-071	Concrete Batching Plant 25m3/hr	Rs/Hr	5283.2	5815.4	11098.6	5288.61	5817.29	11105.9
PS-072	Concrete Static Mixer 1 Cum	Rs/Hr	869.79	1175.88	2045.67	872.49	1176.82	2049.31
PS-073	Concrete Static Mixer 1/4 Cum	Rs/Hr	72.64	1059.39	1132.03	75.34	1060.33	1135.67
PS-074	Concrete Transit Mixer 6 Cum	Rs/Hr	2403.6	3099.33	5502.93	2406.85	3099.33	5506.18
PS-075	Concrete Transit Mixer 4 Cum	Rs/Hr	1470.01	2712.08	4182.09	1472.71	2712.08	4184.79
PS-076	Stressing Equipment for 6500 KN force with electric power	Rs/Hr	218.13	1346.29	1564.42	218.69	1346.29	1564.98
PS-077	Concrete Cutter	Rs/Hr	19.67	583.06	602.73	19.71	583.06	602.77
PS-078	Piling Rig (dia up to 1m)	Rs/Hr	13282.15	16080.54	29362.69	13368.76	16123.84	29492.6
PS-079	Piling Rig (Dia 1m to 2m)	Rs/Hr	28940.97	28885.46	57826.43	28978.43	28904.19	57882.62

OWNING AND OPERATING RATES FOR PLANT AND EQUIPMENT

Codes	Description	Unit	Sahiwal			Sargodha		
			Owning Cost	Operating Cost	Total Cost	Owning Cost	Operating Cost	Total Cost
PS-080	Vibrator (Poker 1.5 ")	Rs/Hr	4.49	661.12	665.61	4.49	661.12	665.61
PS-081	Percussion Boring Rig (Diesel)	Rs/Hr	2574.71	10321	12895.71	2596.36	10331.82	12928.18
PS-082	Concrete Pump 33 m with tuck chassis	Rs/Hr	2767.45	16376.94	19144.39	2817.25	16401.84	19219.09
PS-083	Girder Launcher (Erecting Capacity max 200 ton)	Rs/Hr	6768.38	5183.58	11951.96	6838.83	5211.05	12049.88
PS-084	Tripod & Chain Pulley (20 Ton)	Rs/Hr	105.2	889.85	995.05	109.53	889.85	999.38
PS-085	Shotcrete Machine 5-8 cum/hr	Rs/Hr	389.6	2387.25	2776.85	390.14	2387.46	2777.6
PS-086	Concrete Slip form Paver 2 to 6m for Road Pavement	Rs/Hr	13327.14	15157.7	28484.84	13335.8	15157.7	28493.5
PS-087	Concrete Slip form Paver for Barrier,curbs,sidewalk up to 3 m	Rs/Hr	5855.71	8856.69	14712.4	5863.72	8856.69	14720.41
PR-088	Asphalt Static Mixer 1 Cum	Rs/Hr	675.42	1107.85	1783.27	678.13	1108.8	1786.93
PS-089	Straight Rotary machine up to 250 mm dia with all tools	Rs/Hr	137.4	1662.88	1800.28	139.56	1665.89	1805.45
PX-090	Submersible Slug Pump with 65 ft Head	Rs/Hr	15.53	96.73	112.26	15.55	96.74	112.29
PX-091	Tractor 80 HP	Rs/Hr	166.81	2961.34	3128.15	167.64	2961.34	3128.98
PX-092	Tractor 50 HP	Rs/Hr	66.99	1891.02	1958.01	67.44	1891.02	1958.46
PX-093	Water Tank Bowser Type 12000 Liter	Rs/Hr	670.51	5990.05	6660.56	675.39	5990.05	6665.44
PX-094	Water Tank Tow Type 4000 Liter (Including Tractor)	Rs/Hr	169.22	2038.92	2208.14	171.57	2038.92	2210.49
PX-095	Flat Body Truck pay load upto 8 ton	Rs/Hr	373.71	5505.26	5878.97	374.92	5505.26	5880.18
PX-096	Sedan Car 1300 cc	Rs/Hr	252.39	2158.92	2411.31	252.73	2158.92	2411.65
PX-097	Sedan Car 1000 cc	Rs/Hr	201.97	1458.93	1660.9	202.25	1458.93	1661.18
PX-098	Pickup 2800 cc 4 x 4	Rs/Hr	643.47	2673.84	3317.31	644.02	2673.84	3317.86
PX-099	Pickup 2200 cc 4 x 2	Rs/Hr	356.25	1814.71	2170.96	356.8	1814.71	2171.51
PX-100	Pickup 800 cc 4 x 2	Rs/Hr	101.2	897.22	998.42	101.37	897.22	998.59
PX-101	Jeep 1300 cc 4 x 4	Rs/Hr	416.13	1543.17	1959.3	416.35	1543.17	1959.52
PX-102	Trailer Low Bed 30 ton	Rs/Hr	942.45	6560.08	7502.53	945.31	6560.08	7505.39
PX-103	Crane up to 55 Ton	Rs/Hr	3040.32	10577.52	13617.84	3049.39	10577.52	13626.91
PX-104	Crane Upto 25 ton	Rs/Hr	1913.38	9377.53	11290.91	1920.5	9377.53	11298.03
PX-105	Electric Diaphragm Pump	Rs/Hr	29.06	138.95	168.01	29.2	139.01	168.21
PX-106	Sand Blasting Machine	Rs/Hr	309.02	1000.41	1309.43	309.19	1000.41	1309.6
PX-107	Dump Truck 30 ton (18 cum)	Rs/Hr	2034.13	10297.72	12331.85	2036.72	10297.72	12334.44
PX-108	Tractor with Trolley (8 ton)	Rs/Hr	164.6	2674.13	2838.73	165.22	2674.13	2839.35
PX-109	Welding Plant	Rs/Hr	2.96	98.7	101.66	2.99	98.71	101.7
PX-110	Generator (Diesel) 150 kVa	Rs/Hr	169.99	7475.94	7645.93	170.43	7476.11	7646.54
PX-111	Generator (Diesel) 250 kVa	Rs/Hr	303.96	11134.94	11438.9	304.57	11135.18	11439.75
PX-112	Diesel Tanker 25000 Liter with Pump	Rs/Hr	664.31	7619.57	8283.88	671.89	7619.57	8291.46
PX-113	Forging /Shape Machine	Rs/Hr	31.85	659.9	691.75	31.98	659.9	691.88
PX-114	Generator (Diesel) 50 KVA	Rs/Hr	89.21	2711.73	2800.94	89.43	2711.81	2801.24
PX-115	Diesel Tanker 12000 Liter with Pump	Rs/Hr	338.65	4151.56	4490.21	344.07	4151.56	4495.63
PX-116	Diesel Tanker 5000 Liter with Pump	Rs/Hr	263.97	3218.56	3482.53	266.6	3218.56	3485.16
PX-117	Diesel Generator 20 KVA	Rs/Hr	64.64	2069.67	2134.31	64.79	2069.73	2134.52
PX-118	Diesel Generator 5 KVA	Rs/Hr	13.42	1030.9	1044.32	13.44	1030.91	1044.35
PX-119	Steel Rolling Machine	Rs/Hr	83.47	417.06	500.53	84.34	417.4	501.74
PX-120	Diesel Generator 13 KVA	Rs/Hr	63.03	1496.36	1559.39	63.05	1496.37	1559.42

OWNING AND OPERATING RATES FOR PLANT AND EQUIPMENT

Codes	Description	Unit	Sheikhupura			Sialkot		
			Owning Cost	Operating Cost	Total Cost	Owning Cost	Operating Cost	Total Cost
PE-001	Bulldozer-264 HP (Crawler Dozer-Track Type) with Blade Capacity 7 cum	Rs/Hr	4529.89	10996.69	15526.58	4533.29	10996.69	15529.98
PE-002	Bulldozer-200 HP (Crawler Dozer-Track Type) with Blade Capacity 4.4 cum	Rs/Hr	3025.19	8999.19	12024.38	3027.7	8999.19	12026.89
PE-003	Bulldozer-130 HP (Crawler Dozer-Track Type) with Blade Capacity 2.7 cum	Rs/Hr	2755.63	7057.14	9812.77	2757.12	7057.14	9814.26
PE-004	Wheel Loader 187HP with Bucket Capacity 3.3 cum	Rs/Hr	3607.75	7473.47	11081.22	3609.73	7473.47	11083.2
PE-005	Wheel Loader 166 HP with Bucket Capacity 2.8 cum	Rs/Hr	2847.96	6511.91	9359.87	2849.6	6511.91	9361.51
PE-006	Wheel Loader 135 HP with Bucket Capacity 1.90 cum	Rs/Hr	2652.39	5472.45	8124.84	2653.69	5472.45	8126.14
PE-008	Dumper loading Capacity 18 T	Rs/Hr	1517.32	3265.27	4782.59	1518.94	3265.27	4784.21
PE-009	Dumper loading Capacity 10 T	Rs/Hr	896.39	3064.61	3961	897.34	3064.61	3961.95
PE-010	Excavator (Track Type) 100 HP	Rs/Hr	2353.68	7955.64	10309.32	2356.28	7955.64	10311.92
PE-011	Compressor 300 CFM	Rs/Hr	413.39	7411.39	7824.78	413.64	7411.39	7825.03
PE-012	Rock Driller -Pneumatic-plug	Rs/Hr	21.59	612.2	633.79	21.59	612.2	633.79
PE-013	Electric Saw	Rs/Hr	1.38	575.15	576.53	1.38	575.15	576.53
PE-014	Petrol Motorized Chain Saw	Rs/Hr	8.84	326.57	335.41	8.84	361.6	370.44
PE-015	Electric Breaker (Demolition Hammer)	Rs/Hr	15.69	577.47	593.16	15.69	577.47	593.16
PE-016	Plate Compactor	Rs/Hr	86.67	1063.22	1149.89	86.74	1063.25	1149.99
PE-017	Pugmill 40 Tons per hour	Rs/Hr	1358.76	8928.24	10287	1382.27	8928.24	10310.51
PR-018	Combination Roller 18 T Single drum Pad/Sheep Foot Compactor	Rs/Hr	2211.47	6626.64	8838.11	2212.91	6626.66	8839.57
PR-019	Combination Roller 12 T (Single drum Pad/Sheep Foot Compactor)	Rs/Hr	1483.83	5171.4	6655.23	1485.23	5171.42	6656.65
PR-020	Combination Roller 8T (Single drum Pad/Sheep Foot Compactor)	Rs/Hr	1403.16	5123.98	6527.14	1404.48	5123.99	6528.47
PE-021	Excavator (Track Type) 168 HP with Bucket Capacity 0.8 cum	Rs/Hr	2585.42	8327.03	10912.45	2588.2	8327.03	10915.23
PE-022	Excavator (Track Type) 250 HP with Bucket Capacity 1.4 cum	Rs/Hr	2904.05	11007.26	13911.31	2907.83	11007.26	13915.09
PE-023	Excavator (Track Type) 345 HP with Bucket Capacity 2.2 cum	Rs/Hr	3476.67	13951.86	17428.53	3481.73	13951.86	17433.59
PE-024	Jack Hammer side type for Excavator (Track Type) 168 HP with Bucket Capacity 0.9 cum	Rs/Hr	144.58	518.04	662.62	144.93	518.35	663.28
PE-025	Jack Hammer side type for Excavator (Track Type) 265/340 HP with Bucket Capacity 1.6/2.3 cum	Rs/Hr	301.63	657.81	959.44	302.24	658.36	960.6
PS-026	Pipe Layer with lifting weight upto 25 Ton	Rs/Hr	2261.57	8384.47	10646.04	2264.9	8384.47	10649.37
PR-031	Motor Grader 250HP with Blade length 4.32m	Rs/Hr	4011.89	9804.54	13816.43	4014.23	9804.54	13818.77
PR-032	Motor Grader 218HP with Blade length 4.32m	Rs/Hr	3507.94	8032.74	11540.68	3509.87	8032.74	11542.61
PR-033	Tandem Roller 12 T	Rs/Hr	1778.77	4811.92	6590.69	1780.17	4811.94	6592.11
PR-034	Tandem Roller 8 T	Rs/Hr	1273.87	4547.95	5821.82	1274.99	4547.97	5822.96
PR-035	Tandem Roller 6 T	Rs/Hr	1178.06	2874.32	4052.38	1179.18	2874.33	4053.51
PR-036	Tandem Roller 1.50 T	Rs/Hr	423.61	2197.12	2620.73	423.82	2197.13	2620.95
PR-037	Combination Roller 18 T Single drum Plain Compactor	Rs/Hr	2013.26	5889.33	7902.59	2014.7	5889.33	7904.03
PR-038	Combination Roller 12 T (Single drum Plain Compactor)	Rs/Hr	1351.69	5154.81	6506.5	1353.09	5154.82	6507.91
PR-039	Combination Roller 8T (Single drum Plain Compactor)	Rs/Hr	1278.21	5113.23	6391.44	1279.53	5113.25	6392.78
PR-040	P.T.R. (8 - Wheeler) 24 T	Rs/Hr	1444.34	4667.14	6111.48	1447.25	4667.15	6114.4
PR-041	P.T.R. (8 - Wheeler) 18 T	Rs/Hr	1348.53	4596.3	5944.83	1351.44	4596.3	5947.74
PR-043	Tandem Roller 10 T	Rs/Hr	1390.2	4731.97	6122.17	1391.34	4731.98	6123.32
PR-044	Power Broom	Rs/Hr	29.27	415.41	444.68	30.11	416.16	446.27
PR-045	Bitumen Dist. Tow Type 2000 Liter	Rs/Hr	207.15	1309.19	1516.34	207.46	1309.19	1516.65
PR-046	Bitumen Sprayer (Manual) 250 gallon	Rs/Hr	25.58	614.76	640.34	25.98	614.92	640.9
PR-047	Chip Spreader up to 3M Wide (attachment)	Rs/Hr	290.99	1428.1	1719.09	292.39	1428.65	1721.04
PR-048	Asphalt Plant 140 T	Rs/Hr	22425.57	29395.29	51820.86	22449.08	29407.04	51856.12
PR-049	Asphalt Plant 120 T	Rs/Hr	21668.6	27082.82	48751.42	21683.23	27090.13	48773.36
PR-050	Asphalt Plant 40 T	Rs/Hr	4786.53	13095.82	17882.35	4797.83	13101.47	17899.3
PR-051	Asphalt Plant 20 T	Rs/Hr	3804.28	6389.98	10194.26	3812.09	6393.89	10205.98
PR-052	Asphalt Paver basic width 3m,max 5.9m Wide	Rs/Hr	7652.33	13396.18	21048.51	7654.46	13397.24	21051.7
PR-053	Asphalt Paver (width 2.4-4.7 m)	Rs/Hr	7253.55	13463.63	20717.18	7255.38	13464.54	20719.92
PR-054	Cold Milling Machine 2 M Wide	Rs/Hr	5994.5	14074.1	20068.6	5999.64	14074.1	20073.74
PR-055	Hand Push high Pressure Cold and Rubber Paint Marking Machine	Rs/Hr	532.39	974.23	1506.62	532.75	974.23	1506.98
PR-056	Aggregate Spreader Up to 3M Wide	Rs/Hr	7253.55	13463.63	20717.18	7255.38	13464.54	20719.92
PR-057	Asphalt Cutter	Rs/Hr	19.75	583.06	602.81	19.77	583.06	602.83
PR-058	Rock Crushing & Screening (200 T/Hr)	Rs/Hr	9909.92	5757.94	15667.86	9925.09	5763.25	15688.34
PR-060	Asphalt Recycling Machine 0 to 60mm depth - 3 to 4m width 120 tons/hr	Rs/Hr	36478.6	19696.89	56175.49	36487.31	19696.89	56184.2
PR-061	Hand Push Thermoplastic Road Marking Machine with double cylinder preheater	Rs/Hr	1027.58	1692.14	2719.72	1030.55	1692.14	2722.69
PR-062	Cordless Drill Machine	Rs/Hr	1.67	571.14	572.81	1.67	571.14	572.81
PR-063	Crawler Rock driller	Rs/Hr	2529.64	8121.13	10650.77	2530.98	8121.13	10652.11
PS-064	Grouting Machine(electric) out put 3.6 cum/hr	Rs/Hr	52.13	1294.79	1346.92	52.24	1294.79	1347.03
PS-065	Hydraulic jack with pump upto 2000 Ton	Rs/Hr	466.23	1328.28	1794.51	466.99	1328.28	1795.27
PR-066	Guard Rail Pile Driver Machine	Rs/Hr	265.24	2048.14	2313.38	267.38	2048.14	2315.52
PS-071	Concrete Batching Plant 25m3/hr	Rs/Hr	5293.84	5819.12	11112.96	5296.87	5820.18	11117.05
PS-072	Concrete Static Mixer 1 Cum	Rs/Hr	875.11	1177.74	2052.85	876.62	1178.27	2054.89
PS-073	Concrete Static Mixer 1/4 Cum	Rs/Hr	77.96	1061.25	1139.21	79.47	1061.78	1141.25
PS-074	Concrete Transit Mixer 6 Cum	Rs/Hr	2409.99	3099.33	5509.32	2411.81	3099.33	5511.14
PS-075	Concrete Transit Mixer 4 Cum	Rs/Hr	1475.33	2712.08	4187.41	1476.84	2712.08	4188.92
PS-076	Stressing Equipment for 6500 KN force with electric power	Rs/Hr	219.22	1346.29	1565.51	219.53	1346.29	1565.82
PS-077	Concrete Cutter	Rs/Hr	19.75	583.06	602.81	19.77	583.06	602.83
PS-078	Piling Rig (dia up to 1m)	Rs/Hr	13452.39	16165.66	29618.05	13500.92	16189.92	29690.84
PS-079	Piling Rig (Dia 1m to 2m)	Rs/Hr	29014.6	28922.27	57936.87	29035.59	28932.77	57968.36

OWNING AND OPERATING RATES FOR PLANT AND EQUIPMENT

Codes	Description	Unit	Sheikhupura			Sialkot		
			Owning Cost	Operating Cost	Total Cost	Owning Cost	Operating Cost	Total Cost
PS-080	Vibrator (Poker 1.5 ")	Rs/Hr	4.5	661.12	665.62	4.5	661.12	665.62
PS-081	Percussion Boring Rig (Diesel)	Rs/Hr	2617.27	10342.28	12959.55	2629.4	10348.34	12977.74
PS-082	Concrete Pump 33 m with tuck chassis	Rs/Hr	2865.33	16425.88	19291.21	2893.24	16439.84	19333.08
PS-083	Girder Launcher (Erecting Capacity max 200 ton)	Rs/Hr	6906.84	5237.57	12144.41	6946.32	5252.97	12199.29
PS-084	Tripod & Chain Pulley (20 Ton)	Rs/Hr	113.71	889.85	1003.56	116.13	889.85	1005.98
PS-085	Shotcrete Machine 5-8 cum/hr	Rs/Hr	390.67	2387.67	2778.34	390.98	2387.79	2778.77
PS-086	Concrete Slip form Paver 2 to 6m for Road Pavement	Rs/Hr	13344.16	15157.7	28501.86	13349.01	15157.7	28506.71
PS-087	Concrete Slip form Paver for Barrier,curbs,sidewalk up to 3 m	Rs/Hr	5871.45	8856.69	14728.14	5875.94	8856.69	14732.63
PR-088	Asphalt Static Mixer 1 Cum	Rs/Hr	680.74	1109.71	1790.45	682.26	1110.24	1792.5
PS-089	Straight Rotary machine up to 250 mm dia with all tools	Rs/Hr	141.65	1668.79	1810.44	142.87	1670.49	1813.36
PX-090	Submersible Slug Pump with 65 ft Head	Rs/Hr	15.58	96.75	112.33	15.6	96.76	112.36
PX-091	Tractor 80 HP	Rs/Hr	168.44	2961.34	3129.78	168.91	2961.34	3130.25
PX-092	Tractor 50 HP	Rs/Hr	67.87	1891.02	1958.89	68.12	1891.02	1959.14
PX-093	Water Tank Bowser Type 12000 Liter	Rs/Hr	680.09	5990.05	6670.14	682.82	5990.05	6672.87
PX-094	Water Tank Tow Type 4000 Liter (Including Tractor)	Rs/Hr	173.83	2038.92	2212.75	175.14	2038.92	2214.06
PX-095	Flat Body Truck pay load upto 8 ton	Rs/Hr	376.09	5505.26	5881.35	376.77	5505.26	5882.03
PX-096	Sedan Car 1300 cc	Rs/Hr	253.07	2158.92	2411.99	253.26	2158.92	2412.18
PX-097	Sedan Car 1000 cc	Rs/Hr	202.52	1458.93	1661.45	202.67	1458.93	1661.6
PX-098	Pickup 2800 cc 4 x 4	Rs/Hr	644.55	2673.84	3318.39	644.86	2673.84	3318.7
PX-099	Pickup 2200 cc 4 x 2	Rs/Hr	357.33	1814.71	2172.04	357.64	1814.71	2172.35
PX-100	Pickup 800 cc 4 x 2	Rs/Hr	101.54	897.22	998.76	101.64	897.22	998.86
PX-101	Jeep 1300 cc 4 x 4	Rs/Hr	416.55	1543.17	1959.72	416.68	1543.17	1959.85
PX-102	Trailer Low Bed 30 ton	Rs/Hr	948.07	6560.08	7508.15	949.67	6560.08	7509.75
PX-103	Crane up to 55 Ton	Rs/Hr	3058.14	10577.52	13635.66	3063.23	10577.52	13640.75
PX-104	Crane Upto 25 ton	Rs/Hr	1927.37	9377.53	11304.9	1931.36	9377.53	11308.89
PX-105	Electric Diaphragm Pump	Rs/Hr	29.33	139.06	168.39	29.41	139.09	168.5
PX-106	Sand Blasting Machine	Rs/Hr	309.36	1000.41	1309.77	309.45	1000.41	1309.86
PX-107	Dump Truck 30 ton (18 cum)	Rs/Hr	2039.23	10297.72	12336.95	2040.69	10297.72	12338.41
PX-108	Tractor with Trolley (8 ton)	Rs/Hr	165.82	2674.13	2839.95	166.17	2674.13	2840.3
PX-109	Welding Plant	Rs/Hr	3.01	98.71	101.72	3.02	98.72	101.74
PX-110	Generator (Diesel) 150 kVa	Rs/Hr	170.85	7476.27	7647.12	171.09	7476.37	7647.46
PX-111	Generator (Diesel) 250 kVa	Rs/Hr	305.17	11135.41	11440.58	305.52	11135.55	11441.07
PX-112	Diesel Tanker 25000 Liter with Pump	Rs/Hr	679.21	7619.57	8298.78	683.45	7619.57	8303.02
PX-113	Forging /Shape Machine	Rs/Hr	32.11	659.9	692.01	32.19	659.9	692.09
PX-114	Generator (Diesel) 50 KVA	Rs/Hr	89.64	2711.89	2801.53	89.76	2711.94	2801.7
PX-115	Diesel Tanker 12000 Liter with Pump	Rs/Hr	349.29	4151.56	4500.85	352.33	4151.56	4503.89
PX-116	Diesel Tanker 5000 Liter with Pump	Rs/Hr	269.15	3218.56	3487.71	270.62	3218.56	3489.18
PX-117	Diesel Generator 20 KVA	Rs/Hr	64.93	2069.79	2134.72	65.01	2069.82	2134.83
PX-118	Diesel Generator 5 KVA	Rs/Hr	13.46	1030.92	1044.38	13.47	1030.92	1044.39
PX-119	Steel Rolling Machine	Rs/Hr	85.17	417.73	502.9	85.66	417.92	503.58
PX-120	Diesel Generator 13 KVA	Rs/Hr	63.07	1496.37	1559.44	63.08	1496.38	1559.46

OWNING AND OPERATING RATES FOR PLANT AND EQUIPMENT

Codes	Description	Unit	Toba Tek Singh			Vehari		
			Owning Cost	Operating Cost	Total Cost	Owning Cost	Operating Cost	Total Cost
PE-001	Bulldozer-264 HP (Crawler Dozer-Track Type) with Blade Capacity 7 cum	Rs/Hr	4517.24	10996.69	15513.93	4513.11	10996.69	15509.8
PE-002	Bulldozer-200 HP (Crawler Dozer-Track Type) with Blade Capacity 4.4 cum	Rs/Hr	3015.85	8999.19	12015.04	3012.81	8999.19	12012
PE-003	Bulldozer-130 HP (Crawler Dozer-Track Type) with Blade Capacity 2.7 cum	Rs/Hr	2750.07	7057.14	9807.21	2748.26	7057.14	9805.4
PE-004	Wheel Loader 187HP with Bucket Capacity 3.3 cum	Rs/Hr	3600.41	7473.47	11073.88	3598.02	7473.47	11071.49
PE-005	Wheel Loader 166 HP with Bucket Capacity 2.8 cum	Rs/Hr	2841.85	6511.91	9353.76	2839.86	6511.91	9351.77
PE-006	Wheel Loader 135 HP with Bucket Capacity 1.90 cum	Rs/Hr	2647.56	5472.45	8120.01	2645.98	5472.45	8118.43
PE-008	Dumper loading Capacity 18 T	Rs/Hr	1511.3	3265.27	4776.57	1509.33	3265.27	4774.6
PE-009	Dumper loading Capacity 10 T	Rs/Hr	892.87	3064.61	3957.48	891.72	3064.61	3956.33
PE-010	Excavator (Track Type) 100 HP	Rs/Hr	2344.02	7955.64	10299.66	2340.87	7955.64	10296.51
PE-011	Compressor 300 CFM	Rs/Hr	412.48	7411.39	7823.87	412.19	7411.39	7823.58
PE-012	Rock Driller -Pneumatic-plug	Rs/Hr	21.58	612.2	633.78	21.58	612.2	633.78
PE-013	Electric Saw	Rs/Hr	1.38	575.15	576.53	1.38	575.15	576.53
PE-014	Petrol Motorized Chain Saw	Rs/Hr	8.84	346.12	354.96	8.84	335.64	344.48
PE-015	Electric Breaker (Demolition Hammer)	Rs/Hr	15.68	577.47	593.15	15.67	577.47	593.14
PE-016	Plate Compactor	Rs/Hr	86.44	1063.13	1149.57	86.37	1063.1	1149.47
PE-017	Pugmill 40 Tons per hour	Rs/Hr	1271.23	8928.24	10199.47	1242.66	8928.24	10170.9
PR-018	Combination Roller 18 T Single drum Pad/Sheep Foot Compactor	Rs/Hr	2206.11	6626.58	8832.69	2204.36	6626.58	8830.92
PR-019	Combination Roller 12 T (Single drum Pad/Sheep Foot Compactor)	Rs/Hr	1478.63	5171.35	6649.98	1476.93	5171.33	6648.26
PR-020	Combination Roller 8T (Single drum Pad/Sheep Foot Compactor)	Rs/Hr	1398.23	5123.92	6522.15	1396.62	5123.91	6520.53
PE-021	Excavator (Track Type) 168 HP with Bucket Capacity 0.8 cum	Rs/Hr	2575.07	8327.03	10902.1	2571.7	8327.03	10898.73
PE-022	Excavator (Track Type) 250 HP with Bucket Capacity 1.4 cum	Rs/Hr	2890	11007.26	13897.26	2885.42	11007.26	13892.68
PE-023	Excavator (Track Type) 345 HP with Bucket Capacity 2.2 cum	Rs/Hr	3457.81	13951.86	17409.67	3451.66	13951.86	17403.52
PE-024	Jack Hammer side type for Excavator (Track Type) 168 HP with Bucket Capacity 0.9 cum	Rs/Hr	143.26	516.86	660.12	142.83	516.48	659.31
PE-025	Jack Hammer side type for Excavator (Track Type) 265/340 HP with Bucket Capacity 1.6/2.3 cum	Rs/Hr	299.38	655.81	955.19	298.64	655.15	953.79
PS-026	Pipe Layer with lifting weight upto 25 Ton	Rs/Hr	2249.14	8384.47	10633.61	2245.09	8384.47	10629.56
PR-031	Motor Grader 250HP with Blade length 4.32m	Rs/Hr	4003.17	9804.54	13807.71	4000.32	9804.54	13804.86
PR-032	Motor Grader 218HP with Blade length 4.32m	Rs/Hr	3500.73	8032.74	11533.47	3498.38	8032.74	11531.12
PR-033	Tandem Roller 12 T	Rs/Hr	1773.58	4811.87	6585.45	1771.88	4811.85	6583.73
PR-034	Tandem Roller 8 T	Rs/Hr	1269.69	4547.91	5817.6	1268.32	4547.89	5816.21
PR-035	Tandem Roller 6 T	Rs/Hr	1173.88	2874.27	4048.15	1172.51	2874.26	4046.77
PR-036	Tandem Roller 1.50 T	Rs/Hr	422.85	2197.11	2619.96	422.6	2197.11	2619.71
PR-037	Combination Roller 18 T Single drum Plain Compactor	Rs/Hr	2007.9	5889.33	7897.23	2006.15	5889.33	7895.48
PR-038	Combination Roller 12 T (Single drum Plain Compactor)	Rs/Hr	1346.49	5154.75	6501.24	1344.79	5154.73	6499.52
PR-039	Combination Roller 8T (Single drum Plain Compactor)	Rs/Hr	1273.28	5113.18	6386.46	1271.67	5113.16	6384.83
PR-040	P.T.R. (8 - Wheeler) 24 T	Rs/Hr	1433.5	4667.08	6100.58	1429.96	4667.06	6097.02
PR-041	P.T.R. (8 - Wheeler) 18 T	Rs/Hr	1337.69	4596.3	5933.99	1334.15	4596.3	5930.45
PR-043	Tandem Roller 10 T	Rs/Hr	1385.92	4731.92	6117.84	1384.52	4731.91	6116.43
PR-044	Power Broom	Rs/Hr	26.16	412.65	438.81	25.15	411.75	436.9
PR-045	Bitumen Dist. Tow Type 2000 Liter	Rs/Hr	205.97	1309.19	1515.16	205.59	1309.19	1514.78
PR-046	Bitumen Sprayer (Manual) 250 gallon	Rs/Hr	24.07	614.17	638.24	23.58	613.98	637.56
PR-047	Chip Spreader up to 3M Wide (attachment)	Rs/Hr	285.79	1426.07	1711.86	284.1	1425.41	1709.51
PR-048	Asphalt Plant 140 T	Rs/Hr	22338.05	29351.53	51689.58	22309.48	29337.24	51646.72
PR-049	Asphalt Plant 120 T	Rs/Hr	21614.11	27055.57	48669.68	21596.32	27046.68	48643
PR-050	Asphalt Plant 40 T	Rs/Hr	4744.47	13074.79	17819.26	4730.73	13067.92	17798.65
PR-051	Asphalt Plant 20 T	Rs/Hr	3775.2	6375.44	10150.64	3765.7	6370.69	10136.39
PR-052	Asphalt Paver basic width 3m,max 5.9m Wide	Rs/Hr	7644.38	13392.2	21036.58	7641.78	13390.9	21032.68
PR-053	Asphalt Paver (width 2.4-4.7 m)	Rs/Hr	7246.73	13460.22	20706.95	7244.5	13459.1	20703.6
PR-054	Cold Milling Machine 2 M Wide	Rs/Hr	5975.35	14074.1	20049.45	5969.11	14074.1	20043.21
PR-055	Hand Push high Pressure Cold and Rubber Paint Marking Machine	Rs/Hr	531.08	974.23	1505.31	530.66	974.23	1504.89
PR-056	Aggregate Spreader Up to 3M Wide	Rs/Hr	7246.73	13460.22	20706.95	7244.5	13459.1	20703.6
PR-057	Asphalt Cutter	Rs/Hr	19.66	583.06	602.72	19.63	583.06	602.69
PR-058	Rock Crushing & Screening (200 T/Hr)	Rs/Hr	9853.46	5738.18	15591.64	9835.02	5731.73	15566.75
PR-060	Asphalt Recycling Machine 0 to 60mm depth - 3 to 4m width 120 tons/hr	Rs/Hr	36446.14	19696.89	56143.03	36435.54	19696.89	56132.43
PR-061	Hand Push Thermoplastic Road Marking Machine with double cylinder preheater	Rs/Hr	1016.5	1692.14	2708.64	1012.89	1692.14	2705.03
PR-062	Cordless Drill Machine	Rs/Hr	1.67	571.14	572.81	1.67	571.14	572.81
PR-063	Crawler Rock driller	Rs/Hr	2524.67	8121.13	10645.8	2523.05	8121.13	10644.18
PS-064	Grouting Machine(electric) out put 3.6 cum/hr	Rs/Hr	51.71	1294.79	1346.5	51.57	1294.79	1346.36
PS-065	Hydraulic jack with pump upto 2000 Ton	Rs/Hr	463.41	1328.28	1791.69	462.49	1328.28	1790.77
PR-066	Guard Rail Pile Driver Machine	Rs/Hr	257.28	2048.14	2305.42	254.68	2048.14	2302.82
PS-071	Concrete Batching Plant 25m3/hr	Rs/Hr	5282.54	5815.16	11097.7	5278.86	5813.88	11092.74
PS-072	Concrete Static Mixer 1 Cum	Rs/Hr	869.46	1175.76	2045.22	867.62	1175.12	2042.74
PS-073	Concrete Static Mixer 1/4 Cum	Rs/Hr	72.31	1059.27	1131.58	70.47	1058.63	1129.1
PS-074	Concrete Transit Mixer 6 Cum	Rs/Hr	2403.21	3099.33	5502.54	2401	3099.33	5500.33
PS-075	Concrete Transit Mixer 4 Cum	Rs/Hr	1469.68	2712.08	4181.76	1467.84	2712.08	4179.92
PS-076	Stressing Equipment for 6500 KN force with electric power	Rs/Hr	218.07	1346.29	1564.36	217.69	1346.29	1563.98
PS-077	Concrete Cutter	Rs/Hr	19.66	583.06	602.72	19.63	583.06	602.69
PS-078	Piling Rig (dia up to 1m)	Rs/Hr	13271.7	16075.31	29347.01	13212.71	16045.82	29258.53
PS-079	Piling Rig (Dia 1m to 2m)	Rs/Hr	28936.45	28883.2	57819.65	28910.94	28870.44	57781.38

OWNING AND OPERATING RATES FOR PLANT AND EQUIPMENT

Codes	Description	Unit	Toba Tek Singh			Vehari		
			Owning Cost	Operating Cost	Total Cost	Owning Cost	Operating Cost	Total Cost
PS-080	Vibrator (Poker 1.5 ")	Rs/Hr	4.49	661.12	665.61	4.49	661.12	665.61
PS-081	Percussion Boring Rig (Diesel)	Rs/Hr	2572.09	10319.69	12891.78	2557.35	10312.32	12869.67
PS-082	Concrete Pump 33 m with tuck chassis	Rs/Hr	2761.44	16373.94	19135.38	2727.52	16356.98	19084.5
PS-083	Girder Launcher (Erecting Capacity max 200 ton)	Rs/Hr	6759.88	5180.26	11940.14	6711.9	5161.55	11873.45
PS-084	Tripod & Chain Pulley (20 Ton)	Rs/Hr	104.67	889.85	994.52	101.72	889.85	991.57
PS-085	Shotcrete Machine 5-8 cum/hr	Rs/Hr	389.53	2387.22	2776.75	389.16	2387.08	2776.24
PS-086	Concrete Slip form Paver 2 to 6m for Road Pavement	Rs/Hr	13326.09	15157.7	28483.79	13320.19	15157.7	28477.89
PS-087	Concrete Slip form Paver for Barrier,curbs,sidewalk up to 3 m	Rs/Hr	5854.74	8856.69	14711.43	5849.28	8856.69	14705.97
PR-088	Asphalt Static Mixer 1 Cum	Rs/Hr	675.09	1107.73	1782.82	673.25	1107.09	1780.34
PS-089	Straight Rotary machine up to 250 mm dia with all tools	Rs/Hr	137.14	1662.52	1799.66	135.66	1660.47	1796.13
PX-090	Submersible Slug Pump with 65 ft Head	Rs/Hr	15.52	96.73	112.25	15.51	96.73	112.24
PX-091	Tractor 80 HP	Rs/Hr	166.71	2961.34	3128.05	166.15	2961.34	3127.49
PX-092	Tractor 50 HP	Rs/Hr	66.94	1891.02	1957.96	66.63	1891.02	1957.65
PX-093	Water Tank Bowser Type 12000 Liter	Rs/Hr	669.93	5990.05	6659.98	666.61	5990.05	6656.66
PX-094	Water Tank Tow Type 4000 Liter (Including Tractor)	Rs/Hr	168.94	2038.92	2207.86	167.34	2038.92	2206.26
PX-095	Flat Body Truck pay load upto 8 ton	Rs/Hr	373.57	5505.26	5878.83	372.74	5505.26	5878
PX-096	Sedan Car 1300 cc	Rs/Hr	252.34	2158.92	2411.26	252.11	2158.92	2411.03
PX-097	Sedan Car 1000 cc	Rs/Hr	201.93	1458.93	1660.86	201.74	1458.93	1660.67
PX-098	Pickup 2800 cc 4 x 4	Rs/Hr	643.41	2673.84	3317.25	643.03	2673.84	3316.87
PX-099	Pickup 2200 cc 4 x 2	Rs/Hr	356.19	1814.71	2170.9	355.81	1814.71	2170.52
PX-100	Pickup 800 cc 4 x 2	Rs/Hr	101.17	897.22	998.39	101.05	897.22	998.27
PX-101	Jeep 1300 cc 4 x 4	Rs/Hr	416.1	1543.17	1959.27	415.96	1543.17	1959.13
PX-102	Trailer Low Bed 30 ton	Rs/Hr	942.11	6560.08	7502.19	940.16	6560.08	7500.24
PX-103	Crane up to 55 Ton	Rs/Hr	3039.23	10577.52	13616.75	3033.05	10577.52	13610.57
PX-104	Crane Upto 25 ton	Rs/Hr	1912.52	9377.53	11290.05	1907.67	9377.53	11285.2
PX-105	Electric Diaphragm Pump	Rs/Hr	29.05	138.95	168	28.96	138.91	167.87
PX-106	Sand Blasting Machine	Rs/Hr	309	1000.41	1309.41	308.88	1000.41	1309.29
PX-107	Dump Truck 30 ton (18 cum)	Rs/Hr	2033.81	10297.72	12331.53	2032.04	10297.72	12329.76
PX-108	Tractor with Trolley (8 ton)	Rs/Hr	164.53	2674.13	2838.66	164.1	2674.13	2838.23
PX-109	Welding Plant	Rs/Hr	2.96	98.7	101.66	2.94	98.69	101.63
PX-110	Generator (Diesel) 150 kVa	Rs/Hr	169.94	7475.92	7645.86	169.64	7475.8	7645.44
PX-111	Generator (Diesel) 250 kVa	Rs/Hr	303.88	11134.91	11438.79	303.46	11134.75	11438.21
PX-112	Diesel Tanker 25000 Liter with Pump	Rs/Hr	663.39	7619.57	8282.96	658.23	7619.57	8277.8
PX-113	Forging /Shape Machine	Rs/Hr	31.83	659.9	691.73	31.74	659.9	691.64
PX-114	Generator (Diesel) 50 KVA	Rs/Hr	89.18	2711.71	2800.89	89.04	2711.66	2800.7
PX-115	Diesel Tanker 12000 Liter with Pump	Rs/Hr	338	4151.56	4489.56	334.31	4151.56	4485.87
PX-116	Diesel Tanker 5000 Liter with Pump	Rs/Hr	263.65	3218.56	3482.21	261.86	3218.56	3480.42
PX-117	Diesel Generator 20 KVA	Rs/Hr	64.62	2069.67	2134.29	64.52	2069.63	2134.15
PX-118	Diesel Generator 5 KVA	Rs/Hr	13.42	1030.9	1044.32	13.4	1030.89	1044.29
PX-119	Steel Rolling Machine	Rs/Hr	83.37	417.03	500.4	82.78	416.8	499.58
PX-120	Diesel Generator 13 KVA	Rs/Hr	63.03	1496.36	1559.39	63.01	1496.35	1559.36