

APPENDIX N – INDICATIVE PLANT USED IN CONSTRUCTION PHASE

PHASE	BS5228		Activity	Notes	Plant Description	No.	% On-Time	Shift Duration (hrs)	Duration of Activity (Hrs)	Uncorrected Sound Pressure Level @10m dB(A)
	Table	Ref No								
Mobilisation	C.2.	7	Clearing Site		Tracked excavator (14t),	1	75	12	10	70
	C.4	4			9T Dumper	1	75	12	10	76
	C.2.	34	Material Distribution		Lorry (4-axle wagon)	2	30	12	10	80
	OTHER	2			Caterpillar D6 Bulldozer	1	40	12	10	83
	C.2.	39	Rolling and Compaction		Vibratory roller (4t)	1	25	12	10	74
	C.4	53	Welfare set up		Rigid flat bed HIAB	1	10	12	10	77
	C.4	86		Power for temp welfare	Diesel generator 15 kW	1	100	12	10	65
Haul Track	C.2.	7	Clearing Site		Tracked excavator (14t),	2	75	12	10	70
	C.2.	3			Tracked excavator (22t),	2	75	12	10	78
	C.4	4			9T Dumper	2	75	12	10	76
	C.2.	34	Material Distribution		Lorry (4-axle wagon)	4	20	12	10	80
	OTHER	2			Caterpillar D6 Bulldozer	2	40	12	10	83
	C.2.	39	Rolling and Compaction		Vibratory roller (4t)	2	25	12	10	74
	C.6	21	Temporary Bridge	Haulage	Road lorry (full) 39 t	1	10	12	10	80
	C.4	38		Lifting	Mobile crane (250t)	1	60	12	10	78
Kerbing	C.4.	70	Cutting		Petrol hand-held circular	1	5	12	10	91

	C.4	21	PS17 Structural concrete	Mixing Concrete	Large concrete mixer	2	20	12	10	77
	C.4	54		Lifting	Telescopic handler (4t)	1	50	12	10	79
Surfacing	C.5.	32	Paving		Asphalt paver (+ tipper lorry)	1	25	12	10	84
	C.5.	19	Rolling and Compaction		Road roller 22t	1	25	12	10	80
	C.2.	34	Material Distribution		Lorry (4-axle wagon)	2	15	12	10	80
	C.2.	8	Clearing Site		Wheeled backhoe loader (8t)	1	10	12	10	68
	C.4.	70	Cutting		Petrol hand-held circular	1	5	12	10	91
Haul Track Movements	C.11	9	Haul Track Movements		32 Tonne Lorry	76 per day	6 movements per hour	12	10	82