PME usage (With Silenced Equipments)

Task		PME	No of Equipment	% on time	Indentification code	SWL	Addition for number of machine	Reduction due to % on time	Reduction for at-source mitigation	Resulting SWL	Subtotal SWL
A	**Establishment of Wetland Nature Reserve (WNR)**										
A1	Drain, remove bunds and install water controls at Sector 1	Excavator	1	100%	Table C.3/90	104	0.0	0.0	0.0	104.0	
		Bulldozer	1	100%	Table C.9/2	104	0.0	0.0	0.0	104.0	
		Dump Truck	1	50%	Table C.9/39	103	0.0	-3.0	0.0	100.0	
		Compactor	1	100%	CNP 050	105	0.0	0.0	0.0	105.0	**109.6**
A2	Drain, remove bunds and install water controls at Sector 2	Excavator	1	100%	Table C.3/90	104	0.0	0.0	0.0	104.0	
		Bulldozer	1	100%	Table C.9/2	104	0.0	0.0	0.0	104.0	
		Dump Truck	1	50%	Table C.9/39	103	0.0	-3.0	0.0	100.0	
		Compactor	1	100%	CNP 050	105	0.0	0.0	0.0	105.0	**109.6**
A3	Land formation and construction of water control structures of marshland	Excavator	1	100%	Table C.3/90	104	0.0	0.0	0.0	104.0	
		Bulldozer	2	100%	Table C.9/2	104	+3.0	0.0	0.0	107.0	
		Dump Truck	2	50%	Table C.9/39	103	+3.0	-3.0	0.0	103.0	
		Compactor	2	100%	CNP 050	105	+3.0	0.0	0.0	108.0	**112.0**
A4	Drain, remove bunds and install water controls at Sector 3	Excavator	1	100%	Table C.3/90	104	0.0	0.0	0.0	104.0	
		Bulldozer	1	100%	Table C.9/2	104	0.0	0.0	0.0	104.0	
		Dump Truck	1	50%	Table C.9/39	103	0.0	-3.0	0.0	100.0	
		Compactor	1	100%	CNP 050	105	0.0	0.0	0.0	105.0	**109.6**
B	**Construction works for development area**										
B1	Site Clearance	Bulldozer	1	100%	Table C.9/2	104	0.0	0.0	0.0	104.0	
		Excavator	1	100%	Table C.3/90	104	0.0	0.0	0.0	104.0	
		Dump Truck	2	50%	Table C.9/39	103	+3.0	-3.0	0.0	103.0	**108.5**
B2	Pond draining and dredging	Bulldozer	1	100%	Table C.9/2	104	0.0	0.0	0.0	104.0	
		Excavator	1	100%	Table C.3/90	104	0.0	0.0	0.0	104.0	
		Dump truck	1	50%	Table C.9/39	103	0.0	-3.0	0.0	100.0	**107.8**
B3	Pond filling	Bulldozer	2	100%	Table C.9/2	104	+3.0	0.0	0.0	107.0	
		Dump truck	2	50%	Table C.9/39	103	+3.0	-3.0	0.0	103.0	**108.5**
B4	Spreadnig and compaction of fill material at built area	Bulldozer	1	100%	Table C.9/2	104	0.0	0.0	0.0	104.0	
		Grader	1	100%	Table C.9/11	110	0.0	0.0	0.0	110.0	
		Compactor	1	100%	CNP 050	105	0.0	0.0	0.0	105.0	**112.0**
B5a	Foundation Works - Bored Piling	Piling, large diameter bored, oscillator	2	100%	CNP 165	115	+3.0	0.0	0.0	118.0	
		Piling, large diameter bored, reverse circulation drill	3	100%	CNP 166	100	+4.8	0.0	0.0	104.8	
		Generator	2	100%	CNP 103	95	+3.0	0.0	0.0	98.0	
		Excavator	2	100%	Table C.3/90	104	+3.0	0.0	0.0	107.0	
		Lorry	2	50%	CNP 141	112	+3.0	-3.0	0.0	112.0	**119.4**
B5b	Foundation works - Remaining works	Mobile crane	2	100%	Table C.7/114	101	+3.0	0.0	0.0	104.0	
		Concrete Lorry Mixer	1	50%	CNP 044	109	0.0	-3.0	0.0	106.0	
		Dump Truck	2	50%	Table C.9/39	103	+3.0	-3.0	0.0	103.0	
		Compactor/ Concrete Vibrator	2	100%	CNP 050	105	+3.0	0.0	0.0	108.0	
		Concrete pump	1	100%	CNP 047	109	0.0	0.0	0.0	109.0	
		Compressor<10m^3 / min	2	100%	CNP001	100	+3.0	0.0	0.0	103.0	
		Excavator	2	50%	Table C.3/90	104	+3.0	-3.0	0.0	104.0	**114.4**
B6	Superstructure and steel-bending at work area	Mobile crane	2	100%	Table C.7/114	101	+3.0	0.0	0.0	104.0	
		Compressor<10m^3 / min	2	100%	CNP001	100	+3.0	0.0	0.0	103.0	
		Concrete pump	1	100%	CNP 047	109	0.0	0.0	0.0	109.0	
		Hoist, Material	1	100%	CNP 122	95	0.0	0.0	0.0	95.0	
		Crane (Tower)	2	100%	CNP 049	95	+3.0	0.0	0.0	98.0	
		Steel bending machine	1	100%	CNP 021	90	0.0	0.0	0.0	90.0	
		Concrete Lorry Mixer	2	50%	Table C.6/35	100	+3.0	-3.0	0.0	100.0	
		Generator	2	100%	CNP 103	95	+3.0	0.0	0.0	98.0	**111.8**
B7	Constuction of sewage pumping station	Concrete Lorry Mixer	1	50%	Table C.6/35	100	0.0	-3.0	0.0	97.0	
		Vibratory poker	3	100%	Table C.6/40	98	+4.8	0.0	0.0	102.8	**103.8**
B8	Laying of drainage, sewerage and utilities	Excavator	1	100%	Table C.3/90	104	0.0	0.0	0.0	104.0	
		Concrete Lorry Mixer	1	50%	Table C.6/35	100	0.0	-3.0	0.0	97.0	
		Vibratory poker	2	100%	Table C.6/40	98	+3.0	0.0	0.0	101.0	
		Trench compactor	2	100%	CNP 050	105	+3.0	0.0	0.0	108.0	**110.3**
B9	Paving of internal access road	Lorry	1	50%	Table C.8/25	101	0.0	-3.0	0.0	98.0	
		Asphalt Paver	1	100%	Table C.8/24	101	0.0	0.0	0.0	101.0	
		Road Roller	1	100%	Table C.8/30	101	0.0	0.0	0.0	101.0	**105.0**
C	**Widening works of the Access Road leading to the Site**										
C1	Site Clearance and formation	Bulldozer	1	100%	Table C.9/2	104	0.0	0.0	0.0	104.0	
		Excavator	1	100%	Table C.3/90	104	0.0	0.0	0.0	104.0	
		Dump Truck	1	50%	Table C.9/39	103	0.0	-3.0	0.0	100.0	**107.8**
C2	Laying of drainage, sewerage and utilities	Excavator	1	100%	Table C.3/90	104	0.0	0.0	0.0	104.0	
		Dump Truck	1	50%	Table C.9/39	103	0.0	-3.0	0.0	100.0	
		Vibratory poker	1	100%	Table C.6/40	98	0.0	0.0	0.0	98.0	
		Trench compactor	1	100%	CNP 050	105	0.0	0.0	0.0	105.0	**108.6**
C3	Formation of road sub-base, levelling and compaction	Grader	1	100%	Table C.9/11	110	0.0	0.0	0.0	110.0	
		Road Roller	1	100%	Table C.8/30	101	0.0	0.0	0.0	101.0	**110.5**
C4	Road paving and installation of road furniture	Lorry	1	50%	Table C.8/25	101	0.0	-3.0	0.0	98.0	
		Asphalt Paver	1	100%	Table C.8/24	101	0.0	0.0	0.0	101.0	
		Road Roller	1	100%	Table C.8/30	101	0.0	0.0	0.0	101.0	**105.0**