

APPENDIX A

**CONSTRUCTION PROGRAMME AND
PROACTIVE ENVIRONMENTAL
PROTECTION PROFORMA**

Construction Programme

(Jan 2024 – Mar 2025)

Total Slack	Time Risk
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	Baseline Milestone		Milestone		Manual Task		Start-only		
	Baseline Summary		Summary		Duration-only		Finish-only		
	Task		Inactive Milestone		Manual Summary Rollup		External Tasks		
	Critical Task		Inactive Summary		Manual Summary		External Milestone		

Total Slack	Time Risk
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[illegible]

ID	Task	Duration	Start	Finish	Total Slack	Time Risk Allowance	Programme																																																				
							2023												2024												2025												2026												2027				
1158	Site Execution	1137 d	Wed 21/12/22	Fri 30/1/26	247 d		Site Execution																																																				
1553	External Works	812 d	Sat 22/7/23	Fri 10/10/25	359 d		External Works																																																				
1554	Section 1 Works	570 d	Sat 22/7/23	Mon 10/2/25	601 d		Section 1 Works																																																				
1555	Trainning Ground	545 d	Sat 22/7/23	Thu 16/1/25	626 d		Trainning Ground																																																				
1556	2-WD Training Ground (Block 3)	309.5 d	Sat 22/7/23	Sun 26/5/24	861.5 d		2-WD Training Ground (Block 3)																																																				
1557	Excavation for Underground Service and Utilities Works	30 d	Sat 22/7/23	Sun 20/8/23	0 d		Excavation for Underground Service and Utilities Works																																																				
1558	NICE001 - 14 days EOT Claimed	14 d	Mon 21/8/23	Sun 3/9/23	0 d		NICE001 - 14 days EOT Claimed																																																				
1559	NICE002 - 4 days EOT Claimed	4 d	Mon 4/9/23	Thu 7/9/23	0 d		NICE002 - 4 days EOT Claimed																																																				
1560	NICE003 - 10 days EOT Claimed	10 d	Fri 8/9/23	Sun 17/9/23	0 d		NICE003 - 10 days EOT Claimed																																																				
1561	NICE004 - 3.5 days EOT Claimed	3.5 d	Mon 18/9/23	Thu 21/9/23	0 d		NICE004 - 3.5 days EOT Claimed																																																				
1562	NICE005 - 20 days EOT Claimed	20 d	Thu 21/9/23	Wed 11/10/23	0 d		NICE005 - 20 days EOT Claimed																																																				
1563	NICE006 - 5.5 days EOT Claimed	5.5 d	Wed 11/10/23	Mon 16/10/23	0 d		NICE006 - 5.5 days EOT Claimed																																																				
1564	U/G Drainage Installation	45 d	Thu 26/10/23	Sun 10/12/23	0 d		U/G Drainage Installation																																																				
1565	U/G Drainage Installation	45 d	Thu 26/10/23	Sun 10/12/23	0 d		U/G Drainage Installation																																																				
1566	Concrete Surround Works	14 d	Sun 10/12/23	Sun 24/12/23	0 d		Concrete Surround Works																																																				
1567	Earthing Installation Works	35 d	Sun 22/10/23	Sat 25/11/23	0 d		Earthing Installation Works																																																				
1568	Backfill	30 d	Sun 17/12/23	Tue 16/1/24	0 d		Backfill																																																				
1569	U/G Cable Pits / Ducts for BS / SFH / Plumbing Pipes / Rainwater Harvesting System / Irrigation Pipes	100 d	Tue 16/1/24	Thu 25/4/24	0 d		U/G Cable Pits / Ducts for BS / SFH / Plumbing Pipes / Rainwater Harvesting System / Irrigation Pipes																																																				
1570	Complete U/G Services & Utilities Works	0 d	Thu 25/4/24	Thu 25/4/24	0 d		Complete U/G Services & Utilities Works																																																				
1571	Backfilling Works	45 d	Sun 25/2/24	Wed 10/4/24	0 d		Backfilling Works																																																				
1572	Driving Ground Concreting Works	30 d	Wed 10/4/24	Fri 10/5/24	859.5 d		Driving Ground Concreting Works																																																				
1573	Finishing Works and Road Painting	16 d	Fri 10/5/24	Sun 26/5/24	848.5 d		Finishing Works and Road Painting																																																				
1574	Parking and Trainning Facilities	301 d	Wed 10/1/24	Tue 5/11/24	698 d		Parking and Trainning Facilities																																																				
1575	Excavation for Underground Service and Utilities Works	40 d	Wed 10/1/24	Sun 18/2/24	0 d		Excavation for Underground Service and Utilities Works																																																				
1576	U/G Drainage Installation	60 d	Thu 25/1/24	Sun 24/3/24	0 d		U/G Drainage Installation																																																				
1577	Concrete Surround Works	14 d	Wed 20/3/24	Tue 2/4/24	0 d		Concrete Surround Works																																																				
1578	Earthing Installation Works	30 d	Sat 24/2/24	Sun 24/3/24	0 d		Earthing Installation Works																																																				
1579	Backfill	30 d	Wed 27/3/24	Thu 25/4/24	0 d		Backfill																																																				
1580	U/G Cable Pits / Ducts for BS / SFH / Plumbing Pipes / Rainwater Harvesting System / Irrigation Pipes	60 d	Fri 26/4/24	Mon 24/6/24	0 d		U/G Cable Pits / Ducts for BS / SFH / Plumbing Pipes / Rainwater Harvesting System / Irrigation Pipes																																																				
1581	Complete U/G Services & Utilities Works	0 d	Mon 24/6/24	Mon 24/6/24	0 d		Complete U/G Services & Utilities Works																																																				
1582	Backfilling Works	45 d	Wed 5/6/24	Fri 19/7/24	0 d		Backfilling Works																																																				
1583	Driving Ground Concreting Works	30 d	Sat 20/7/24	Sun 18/8/24	764 d		Driving Ground Concreting Works																																																				
1584	Finishing Works and Road Painting	15 d	Tue 22/10/24	Tue 5/11/24	685 d		Finishing Works and Road Painting																																																				
1585	Braking Training (Block 4)	282 d	Tue 17/10/23	Wed 24/7/24	802 d		Braking Training (Block 4)																																																				
1586	Excavation for Underground Service and Utilities Works	55 d	Tue 17/10/23	Sun 10/12/23	0 d		Excavation for Underground Service and Utilities Works																																																				



Baseline Milestone
Baseline Summary
Task
Critical Task



Milestone Summary

Inactive Milestone

Inactive Summary



Manual Task

Duration-only

Manual Summary Rollup

Manual Summary



Start-only

Finish-only

External Tasks

External Milestone



Path Driving Predecessor Milestone Task

Path Driving Predecessor Summary Task

Path Driving Predecessor Normal Task

Baseline



Path Driving Predecessor Milestone Task

Path Driving Predecessor Summary Task












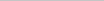
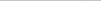
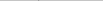

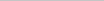
Path Driving Predecessor Normal Task

Baseline

Total Slack	Time Risk
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ID	Task	Duration	Start	Finish	Total Slack	Time Risk Allowance
1587	Excavation for Underground Service and Utilities Works	45 d	Tue 17/10/23	Thu 30/11/23	0 d	
1588	NICE003 - 10 days EOT Claimed	10 d	Fri 1/12/23	Sun 10/12/23	0 d	
1589	U/G Drainage Installation	60 d	Sat 16/12/23	Tue 13/2/24	0 d	
1590	Concrete Surround Works	14 d	Fri 9/2/24	Thu 22/2/24	0 d	
1591	Earthing Installation Works	40 d	Wed 6/12/23	Sun 14/1/24	0 d	
1592	Backfill	30 d	Fri 16/2/24	Sat 16/3/24	0 d	
1593	U/G Cable Pits / Ducts for BS / SFH / Plumbing Pipes / Rainwater Harvesting System / Irrigation Pipes	60 d	Sun 17/3/24	Wed 15/5/24	870 d	
1594	Complete U/G Services & Utilities Works	0 d	Wed 15/5/24	Wed 15/5/24	870 d	
1595	Backfilling Works	45 d	Fri 26/4/24	Sun 9/6/24	800 d	
1596	Driving Ground Concreting Works	30 d	Mon 10/6/24	Tue 9/7/24	800 d	
1597	Finishing Works and Road Painting	15 d	Wed 10/7/24	Wed 24/7/24	800 d	
1598	Skid Pan (Block 5)	227 d	Fri 1/12/23	Sun 14/7/24	812 d	
1599	Excavation for Underground Service and Utilities Works	40 d	Fri 1/12/23	Tue 9/1/24	0 d	
1600	U/G Drainage Installation	50 d	Sat 16/12/23	Sat 3/2/24	0 d	
1601	Concrete Surround Works	14 d	Tue 30/1/24	Mon 12/2/24	0 d	
1602	Earthing Installation Works	35 d	Mon 15/1/24	Sun 18/2/24	0 d	
1603	Backfill	30 d	Tue 6/2/24	Wed 6/3/24	0 d	
1604	U/G Cable Pits / Ducts for BS / SFH / Plumbing Pipes / Rainwater Harvesting System / Irrigation Pipes	60 d	Thu 7/3/24	Sun 5/5/24	0 d	
1605	Complete U/G Services & Utilities Works	0 d	Sun 5/5/24	Sun 5/5/24	880 d	
1606	Backfilling Works	45 d	Tue 16/4/24	Thu 30/5/24	810 d	
1607	Driving Ground Concreting Works	30 d	Fri 31/5/24	Sat 29/6/24	799 d	
1608	Finishing Works and Road Painting	15 d	Sun 30/6/24	Sun 14/7/24	799 d	
1609	4-WD Training Ground (Block 6 and Block 9)	272 d	Sat 30/3/24	Thu 26/12/24	647 d	
1610	Excavation for Underground Service and Utilities Works	40 d	Sat 30/3/24	Wed 8/5/24	0 d	
1611	U/G Drainage Installation	45 d	Sun 14/4/24	Tue 28/5/24	0 d	
1612	Concrete Surround Works	14 d	Fri 24/5/24	Thu 6/6/24	0 d	
1613	Earthing Installation Works	30 d	Tue 14/5/24	Wed 12/6/24	0 d	
1614	Backfill	30 d	Fri 31/5/24	Sat 29/6/24	0 d	
1615	U/G Cable Pits / Ducts for BS / SFH / Plumbing Pipes / Rainwater Harvesting System / Irrigation Pipes	150 d	Sun 30/6/24	Tue 26/11/24	0 d	
1616	Complete U/G Services & Utilities Works	30 d	Wed 28/8/24	Thu 26/12/24	645 d	
1617	Backfilling Works	45 d	Fri 9/8/24	Sun 22/9/24	698 d	
1618	Driving Ground Concreting Works	27 d	Mon 23/9/24	Sat 19/10/24	687 d	
1619	Finishing Works and Road Painting	15 d	Sun 20/10/24	Sun 3/11/24	687 d	
1620	2-WD and 4-WD Training Ground (Block 7)	312 d	Mon 19/2/24	Thu 26/12/24	647 d	

Total Slack	Time Risk
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	Baseline Milestone		Milestone		Manual Task		Start-only		Path Driving Predecessor Milestone Task	
	Baseline Summary		Summary		Duration-only		Finish-only		Path Driving Predecessor Summary Task	
	Task		Inactive Milestone		Manual Summary Rollup		External Tasks		Path Driving Predecessor Normal Task	
	Critical Task		Inactive Summary		Manual Summary		External Milestone		Baseline	

Layout Plan with major construction activities

Legend:

Foundation construction and associated works

- Soil Storage

- Excavation
- Soil removal
- U.U. Lead in and Pipe Duct Connection
- Construction of footings
- MIC installation

- Open cut excavation
- Soil removal
- Construction of footings

- Excavation
- Soil removal
- U.U. Lead in and Pipe Duct Connection
- MIC installation

- Open cut excavation
- Soil removal/ Soil Storage
- Backfilling
- U.U. Lead in and Pipe Duct Connection
- Construction of footings

- Excavation
- Soil removal
- U.U. Lead in and Pipe Duct Connection
- MIC installation

- Excavation
- Soil removal
- U.U. Lead in and Pipe Duct Connection
- MIC installation

- Open cut excavation
- Soil Removal

- Open cut excavation
- Soil Removal
- Construction of footings

- Construction of superstructure

- Excavation
- Soil removal
- Construction of superstructure
- MIC installation

- Construction of footbridge

- Construction of substructure and superstructure
- U.U. Lead in and Pipe Duct Connection
- Backfilling

Major construction activities carried out in period of January 2025

Legend:

Foundation construction and associated works



- MIC installation
- U.U. Lead in and Pipe Duct Connection

- Excavation
- Soil removal
- U.U. Lead in and Pipe Duct Connection
- MIC installation

- Excavation
- Soil removal
- U.U. Lead in and Pipe Duct Connection
- MIC installation

- Soil Storage

- Excavation
- Soil removal
- U.U. Lead in and Pipe Duct Connection
- Construction of fence wall
- Painting

- Excavation
- Soil removal
- U.U. Lead in and Pipe Duct Connection
- MIC installation

- Excavation
- Soil removal
- U.U. Lead in and Pipe Duct Connection
- MIC installation

- Open cut excavation
- Soil removal
- Plate load test
- Construction of footings

- Open cut excavation
- Soil removal
- Construction of footings

- Backfilling
- Construction of superstructure

- Facade installation
- E&M installation

- Construction of footbridge

- Construction of substructure and superstructure
- U.U. Lead and Pipe Duct Connection
- Backfilling

Major construction activities carried out in period of Feb ~ Apr 2025

Proactive Environmental Protection Proforma

Proactive Environmental Protection Proforma

Ref*	Proposed Construction Method	Location/Working Period	Anticipated Major Impacts	Recommended Mitigation Measures
EIA 3.9.1; EM&A Log 2.2	Open cut excavation	Kong Nga Po Site	Dust impact from excavation activities and earth moving	<ul style="list-style-type: none"> • Use of regular water spraying (once every 1.25 hours or 8 times per day) at all active works area exposed site surfaces and unpaved roads, particularly during dry weather • Deploy water bowser for regular water spraying to enhance dust suppression • Manual water spraying for dusty operation where inaccessible by water bowser • Speed control of site transportation • Stockpile of dusty materials will be covered by tarpaulin sheets to avoid wind-blown dust • Vehicles used for transporting dusty materials/spoils will be covered by mechanical cover before leaving the site • Wheel washing facilities will be provided and cleaning the wheel of all vehicles before leaving the site
EIA 4.4.6; EM&A Log 3.2			Noise Control	<ul style="list-style-type: none"> • Regular inspection and maintenance of plant & equipment in good condition

				<ul style="list-style-type: none"> • Enclose the noisy part of machineries with noise enclosure • Adopt of Quality Powered Mechanical Equipment (QPME) if possible
			Working in Restricted Hours	<ul style="list-style-type: none"> • Valid construction noise permit should be obtained and displayed on site • In case of non-compliance with the construction noise criteria, more frequent monitoring and action should be carried out
EIA 5.6.1.2; EM&A Log 4.2			Water Pollution Control	<ul style="list-style-type: none"> • Cover the stockpiles of construction materials to reduce the potential for water pollution • Provide wastewater treatment facilities prior to discharge of wastewater • Regular inspection and maintenance of wastewater treatment facilities • Wastewater pumped out of the excavation areas will be treated to remove suspended solids prior to discharge • Hard paving or well-compact of main haul road to minimize washout of soil • Wheels of all vehicles and plants will be cleaned before leaving the work areas to remove sediment, soil and debris from the tracked. The wastewater will be treated and reused on site or discharged.
EIA 7.5.1.1 &			Waste Generation	<ul style="list-style-type: none"> • Training of site personnel in proper waste management and

7.5.1.2; EM&A Log 6.2				<p>chemical handling procedures</p> <ul style="list-style-type: none"> • Proper storage and sorting of excavated inert materials to maximize on site reuse for backfilling • Surplus inert C&D materials will be disposed of at designated Government's PFRF.
EIA 7.5.1.4; EM&A Log 6.2			Chemical Waste	<ul style="list-style-type: none"> • Chemical waste should be stored at chemical waste container and collected by a licensed collector to transport and dispose of at the approved Chemical Waste Treatment Centre • Drip tray and chemical spillage kit will be provided on site
EIA 9.7.1 and EM&A Log 8.3			Ecology Concern	<ul style="list-style-type: none"> • Provide training to frontline workers for the conservative species • Provision of protective fence for the conservative species • Regular inspection for concerned vegetation and conservative species
EIA Table 10.11; EM&A Table 9.1			Landscape and Visual Impact	<ul style="list-style-type: none"> • Preservation of existing trees will be undertaken in accordance with DEVB TC(W) 7/2015 and Guidelines for Tree Risk Assessment and Management Arrangement • Restrict construction area to minimize the impact on existing retained trees
EIA 3.9.1; EM&A Log 2.2	Soil Removal	Kong Nga Po Site	Dust impact from excavation activities and earth	<ul style="list-style-type: none"> • Use of regular water spraying (once every 1.25 hours or 8 times per day) at all active works area exposed site surfaces and unpaved roads, particularly during dry weather

			moving	<ul style="list-style-type: none"> • Water spraying during loading and unloading of excavated materials • Vehicles used for transporting dusty materials/spoils will be covered by mechanical cover before leaving the site • Deploy water bowser for regular water spraying to enhance dust suppression • Speed control of site transportation • Stockpile of dusty materials will be covered by tarpaulin sheets to avoid wind-blown dust • Wheel washing facilities will be provided and cleaning the wheel of all vehicles before leaving the site
EIA 4.4.6; EM&A Log 3.2			Noise Control	<ul style="list-style-type: none"> • Regular inspection and maintenance of plant & equipment in good condition • Enclose the noisy part of machineries with noise enclosure • Adopt of Quality Powered Mechanical Equipment (QPME) if possible
			Working in Restricted Hours	<ul style="list-style-type: none"> • Valid construction noise permit should be obtained and displayed on site • In case of non-compliance with the construction noise criteria, more frequent monitoring and action should be carried out
EIA 5.6.1.2; EM&A Log 4.2			Water Pollution Control	<ul style="list-style-type: none"> • Cover the stockpiles of excavated materials to reduce the potential for water pollution

				<ul style="list-style-type: none"> • Provide wastewater treatment facilities prior to discharge of wastewater • Regular inspection and maintenance of wastewater treatment facilities • Wheels of all vehicles and plants will be cleaned before leaving the work areas to remove sediment, soil and debris from the tracked. The wastewater will be treated and reused on site or discharged.
EIA 7.5.1.1 & 7.5.1.2; EM&A Log 6.2			Waste Generation	<ul style="list-style-type: none"> • Training of site personnel in proper waste management and chemical handling procedures • Proper storage and sorting of excavated inert materials to maximize on site reuse for backfilling • Surplus inert C&D materials will be disposed of at designated Government's PFRF.
EIA 7.5.1.4; EM&A Log 6.2			Chemical Waste	<ul style="list-style-type: none"> • Chemical waste should be stored at chemical waste container and collected by a licensed collector to transport and dispose of at the approved Chemical Waste Treatment Centre • Drip tray and chemical spillage kit will be provided on site
EIA 9.7.1 and EM&A Log 8.3			Ecology Concern	<ul style="list-style-type: none"> • Provide training to frontline workers for the conservative species • Provision of protective fence for the conservative species • Regular inspection for concerned vegetation and conservative

				species
EIA Table 10.11; EM&A Table 9.1			Landscape and Visual Impact	<ul style="list-style-type: none"> • Preservation of existing trees will be undertaken in accordance with DEVB TC(W) 7/2015 and Guidelines for Tree Risk Assessment and Management Arrangement • Restrict construction area to minimize the impact on existing retained trees
EIA 3.9.1; EM&A Log 2.2	Construction of footings	Kong Nga Po Site	Air	<ul style="list-style-type: none"> • Regular inspection and maintenance of plant and equipment in good condition • Regularly clean up stockpiles and debris to avoid accumulation of materials • Dusty materials exceeding 20 bags shall be stored in area sheltered on top and the three sides or covered entirely by impervious sheeting.
EIA 4.4.6; EM&A Log 3.2			Noise Control	<ul style="list-style-type: none"> • Regular inspection and maintenance of plant & equipment in good condition • Enclose the noisy part of machineries with noise enclosure • Adopt of Quality Powered Mechanical Equipment (QPME) if possible
			Working in Restricted Hours	<ul style="list-style-type: none"> • Valid construction noise permit should be obtained and displayed on site • In case of non-compliance with the construction noise criteria, more frequent monitoring and action should be carried out

EIA 5.6.1.2; EM&A Log 4.2			Water Pollution Control	<ul style="list-style-type: none"> Wheels of all vehicles and plants will be cleaned before leaving the work areas to remove sediment, soil and debris from the tracked. The wastewater will be treated and reused on site or discharged. Designated location for residual concrete washout Provide wastewater treatment facilities prior to discharge of wastewater
EIA 7.5.1.4; EM&A Log			Chemical Waste	<ul style="list-style-type: none"> Drip tray and chemical spillage kit shall be provided on site
EIA 9.7.1 and EM&A Log 8.3			Ecology Concern	<ul style="list-style-type: none"> Provide training to frontline workers for the conservative species Provision of protective fence for the conservative species Regular inspection for concerned vegetation and conservative species
EIA Table 10.11; EM&A Table 9.1			Landscape and Visual Impact	<ul style="list-style-type: none"> Preservation of existing trees will be undertaken in accordance with DEVB TC(W) 7/2015 and Guidelines for Tree Risk Assessment and Management Arrangement Implement temporary traffic arrangement which control construction area to minimize landscape and visual impacts
EIA 3.9.1; EM&A Log 2.2	Construction of substructure and	Kong Nga Po Site	Air	<ul style="list-style-type: none"> Regular inspection and maintenance of plant and equipment in good condition Regularly clean up stockpiles and debris to avoid

	superstructure			<p>accumulation of materials</p> <ul style="list-style-type: none"> Dusty materials exceeding 20 bags shall be stored in area sheltered on top and the three sides or covered entirely by impervious sheeting.
EIA 4.4.6; EM&A Log 3.2			Noise Control	<ul style="list-style-type: none"> Regular inspection and maintenance of plant & equipment in good condition Enclose the noisy part of machineries with noise enclosure Adopt of Quality Powered Mechanical Equipment (QPME) if possible
			Working in Restricted Hours	<ul style="list-style-type: none"> Valid construction noise permit should be obtained and displayed on site In case of non-compliance with the construction noise criteria, more frequent monitoring and action should be carried out
EIA 5.6.1.2; EM&A Log 4.2			Water Pollution Control	<ul style="list-style-type: none"> Cover the stockpiles of construction materials to reduce the potential for water pollution Provide wastewater treatment facilities prior to discharge of wastewater Wastewater generated from surface runoff shall be treated prior to discharge Manholes should be temporarily sealed to prevent silt, construction materials or debris from entering the drainage system.

EIA 7.5.1.1; EM&A Log 6.2			Waste Management	<ul style="list-style-type: none"> • Cover stockpiles of C&D materials by impervious sheets to avoid wind-blown dust. • Spray water on all dusty materials including C&D materials immediately prior to any loading transfer operation • Segregation and storage of different types of waste in different containers or skips to enhance reuse or recycling of materials and their proper disposal
EIA 7.5.1.4; EM&A Log 6.2			Chemical Waste	<ul style="list-style-type: none"> • Drip tray and chemical spillage kit shall be provided on site
EIA 9.7.1 and EM&A Log 8.3			Ecology Concern	<ul style="list-style-type: none"> • Provide training to frontline workers for the conservative species • Provision of protective fence for the conservative species • Regular inspection for concerned vegetation and conservative species
EIA Table 10.11; EM&A Table 9.1			Landscape and Visual Impact	<ul style="list-style-type: none"> • Preservation of existing trees will be undertaken in accordance with DEVB TC(W) 7/2015 and Guidelines for Tree Risk Assessment and Management Arrangement • Implement temporary traffic arrangement which control construction area to minimize landscape and visual impacts
EIA 3.9.1; EM&A Log 2.2	Construction of footbridge	Kong Nga Po Site	Air	<ul style="list-style-type: none"> • Regular inspection and maintenance of plant and equipment in good condition

				<ul style="list-style-type: none"> • Water spraying during loading and unloading of excavated materials • Regularly clean up stockpiles and debris to avoid accumulation of materials • Dusty materials exceeding 20 bags shall be stored in area sheltered on top and the three sides or covered entirely by impervious sheeting.
EIA 4.4.6; EM&A Log 3.2			Noise Control	<ul style="list-style-type: none"> • Regular inspection and maintenance of plant & equipment in good condition • Adopt of Quality Powered Mechanical Equipment (QPME) if possible
			Working in Restricted Hours	<ul style="list-style-type: none"> • Valid construction noise permit should be obtained and displayed on site • In case of non-compliance with the construction noise criteria, more frequent monitoring and action should be carried out
EIA 5.6.1.2; EM&A Log 4.2			Water Pollution Control	<ul style="list-style-type: none"> • Cover the stockpiles of construction materials to reduce the potential for water pollution • Provide wastewater treatment facilities prior to discharge of wastewater • Wastewater generated from surface runoff shall be treated prior to discharge
EIA 7.5.1.1;			Waste	<ul style="list-style-type: none"> • Cover stockpiles of C&D materials by impervious sheets to

EM&A Log 6.2			Management	<p>avoid wind-blown dust.</p> <ul style="list-style-type: none"> Spray water on all dusty materials including C&D materials immediately prior to any loading transfer operation Segregation and storage of different types of waste in different containers or skips to enhance reuse or recycling of materials and their proper disposal
EIA 7.5.1.4; EM&A Log 6.2			Chemical Waste	<ul style="list-style-type: none"> Drip tray and chemical spillage kit shall be provided on site
EIA Table 10.11; EM&A Table 9.1			Landscape and Visual Impact	<ul style="list-style-type: none"> Preservation of existing trees will be undertaken in accordance with DEVB TC(W) 7/2015 and Guidelines for Tree Risk Assessment and Management Arrangement Implement temporary traffic arrangement which control construction area to minimize landscape and visual impacts
EIA 3.9.1; EM&A Log 2.2	Backfilling	Kong Nga Po Site	Air	<ul style="list-style-type: none"> Deploy water bowser for regular water spraying to enhance dust suppression Manual water spraying for dusty operation where inaccessible by water bowser Speed control of site transportation Stockpile of dusty materials will be covered by tarpaulin sheets to avoid wind-blown dust Vehicles used for transporting dusty materials/spoils will be covered by mechanical cover before leaving the site

				<ul style="list-style-type: none"> Wheel washing facilities will be provided and cleaning the wheel of all vehicles before leaving the site
EIA 4.4.6; EM&A Log 3.2			Noise Control	<ul style="list-style-type: none"> Regular inspection and maintenance of plant & equipment in good condition Enclose the noisy part of machineries with noise enclosure Adopt of Quality Powered Mechanical Equipment (QPME) if possible
			Working in Restricted Hours	<ul style="list-style-type: none"> Valid construction noise permit should be obtained and displayed on site In case of non-compliance with the construction noise criteria, more frequent monitoring and action should be carried out
EIA 5.6.1.2; EM&A Log 4.2			Water Pollution Control	<ul style="list-style-type: none"> Cover the stockpiles of construction materials to reduce the potential for water pollution Provide wastewater treatment facilities prior to discharge of wastewater Regular inspection and maintenance of wastewater treatment facilities Wastewater pumped out of the excavation areas will be treated to remove suspended solids prior to discharge Hard paving or well-compact of main haul road to minimize washout of soil Wheels of all vehicles and plants will be cleaned before


				leaving the work areas to remove sediment, soil and debris from the tracked. The wastewater will be treated and reused on site or discharged.
EIA 7.5.1.1 & 7.5.1.2; EM&A Log 6.2			Waste Generation	<ul style="list-style-type: none"> • Training of site personnel in proper waste management and chemical handling procedures • Proper storage and sorting of excavated inert materials to maximize on site reuse for backfilling • Surplus inert C&D materials will be disposed of at designated Government's PFRF or reuse at other contracts.



**EIA Ref/ EM&A Log/ Design Document Ref*



***Details of equipment, vehicles, plants, processes, technologies for the construction method*


Design and Construction of Kong Nga Po Police Training Facilities
Proactive Environmental Protection Proforma



Working Period: January 2025



Ref*	Proposed Construction Method	Location/Working Period	Anticipated Major Impacts	Recommended Mitigation Measures	Photo Records (Partial)
EIA 3.9.1; EM&A Log 2.2	Open cut excavation	Kong Nga Po Site	Dust impact	<ul style="list-style-type: none"> Manual water spraying for dust suppression Regular inspection and maintenance of plant and equipment in good condition Cover stockpile with impervious sheets or grout Provide wheel washing facility at site entrance 	 <p>By subcontractor at KNP site</p>



					 <p>15.01.2025</p> <p>By subcontractor at KNP site</p>
EIA 4.4.6; EM&A Log 3.2			Noise	<ul style="list-style-type: none"> Regular inspection and maintenance of plant & equipment in good condition Deploy Quality Powered Mechanical Equipment (QPME) if possible Valid construction noise permit should be displayed at site entrance. 	 <p>07.01.2025</p> <p>By main contractor at KNP site</p>


					 <p>By main contractor at KNP site</p>
EIA 9.7.1 and EM&A Log 8.3			Ecology Concern	<ul style="list-style-type: none"> • Provide training to workers about the conservative species • Provision of protective fence for the conservative species • Regular inspection for concerned vegetation and conservative species 	 <p>By main contractor at KNP site</p>


					<div data-bbox="1543 240 2116 624"></div> <div data-bbox="1543 635 1912 667">By subcontractor at KNP site</div> <div data-bbox="1543 678 2116 1061"></div> <div data-bbox="1543 1072 1912 1104">By subcontractor at KNP site</div>
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<p>EIA 3.9.1; EM&A Log 2.2</p>	<p>Soil Removal</p>	<p>Kong Nga Po Site</p>	<p>Air</p>	<ul style="list-style-type: none"> • Deploy water bowser for regular water spraying to enhance dust suppression • Cover dusty materials with impervious sheets • Exposed slopes covered with waterproof layers such as tarpaulin sheets or grout to reduce the potential for sediment laden runoff entering the drainage system. • The speed of the trucks within the site should be controlled to about 10km/hour in order to reduce adverse dust impacts and secure the safe movement around the site. 	<div data-bbox="1559 242 2063 624">  <p>By main contractor at KNP site</p> </div> <div data-bbox="1545 678 2049 1059">  <p>By main contractor at KNP site</p> </div>
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					 <p>By main contractor at KNP site</p>
EIA 4.4.6; EM&A Log 3.2			Noise	<ul style="list-style-type: none"> Regular inspection and maintenance of plant & equipment in good condition Deploy Quality Powered Mechanical Equipment (QPME) if possible 	 <p>By main contractor at KNP site</p>



<p>EIA 5.6.1.2 and EM&A Log 4.2</p>			<p>Water Quality</p>	<ul style="list-style-type: none"> • Cover exposed slopes with impervious sheets or cement grout. • Wastewater pumped out of the excavation areas shall be treated to remove suspended solid prior to discharge. • Provide desilting/ sedimentation devices for wastewater treatment prior to discharge. • Provide drip tray to prevent spillage of fuels 	<div data-bbox="1541 240 2047 624">  <p>By main contractor at KNP site</p> </div> <div data-bbox="1541 724 2063 1107">  <p>By main contractor at KNP site</p> </div>
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					 <p>By main contractor at KNP site</p>
EIA Table 10.11; EM&A Table 9.1			Landscape and Visual Impact	<ul style="list-style-type: none"> • Preservation of existing trees will be undertaken in accordance with DEVB TC(W) 7/2015 and Guidelines for Tree Risk Assessment and Management Arrangement • Implement temporary traffic arrangement which control construction area to 	 <p>By main contractor at KNP site</p>

				<p>minimize landscape and visual impacts</p> <ul style="list-style-type: none"> • Minimize visual impact during construction stage. Site office not visually prominent from public room and surrounding • Planting will take place as soon the planting area is installed with subsoil drainage • Decorative hoarding is provided (Refer to photo). 	 <p>By main contractor at KNP site</p>
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<p>EIA 3.9.1; EM&A Log 2.2</p>	<p>Construction of footings, substructure and superstructure</p>	<p>Kong Nga Po Site</p>	<p>Air</p>	<ul style="list-style-type: none"> • Cover dusty materials with impervious sheets • Exposed slopes covered with waterproof layers such as tarpaulin sheets or grout to reduce the potential for sediment laden runoff entering the drainage system. • Provide wheel washing facility at site entrance 	<div data-bbox="1541 242 2047 624">  </div> <p>By main contractor at KNP site</p> <div data-bbox="1541 676 2007 1058">  </div> <p>By subcontractor at KNP site</p>
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					 <p>By subcontractor at KNP site</p>
EIA 4.4.6; EM&A Log 3.2			Noise	<ul style="list-style-type: none"> Valid construction noise permit should be obtained and displayed on site 	 <p>By main contractor at KNP site</p>

<p>EIA 5.6.1.3 and EM&A Log 4.2</p>			<p>Water Quality</p>	<ul style="list-style-type: none"> • Surface water from concrete batching areas and the rest of the site should be separated as far as possible. • Temporary drainage is free of obstruction. • Gullies are sealed to prevent silt or debris from entering the drainage system. 	 <p>By subcontractor at KNP site</p>  <p>By subcontractor at KNP site</p>
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					<div data-bbox="1543 244 2047 625"></div> <div data-bbox="1543 635 1939 670"><p>By main contractor at KNP site</p></div> <div data-bbox="1543 679 2047 1061"></div> <div data-bbox="1543 1070 1939 1106"><p>By main contractor at KNP site</p></div>
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					<div data-bbox="1529 234 2047 624" data-label="Image">A photograph showing several green sandbags and a blue tarp laid out on a grey paved surface. A concrete curb is visible in the background. An orange date stamp '24.01.2025' is in the bottom right corner.</div> <div data-bbox="1529 624 2047 671" data-label="Caption"><p>By main contractor at KNP site</p></div> <div data-bbox="1529 671 2047 1058" data-label="Image">A photograph taken from a first-person perspective showing two white plastic bottles held up in front of a blue metal gate. The gate has 'KNP' and 'Kuala Lumpur' written on it. Yellow and red striped safety barriers are in the foreground. An orange date stamp '17.01.2025' is in the bottom right corner.</div> <div data-bbox="1529 1058 2047 1107" data-label="Caption"><p>By main contractor at KNP site</p></div>
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<p>EIA 7.5.1.2 and EM&A Log 6.2</p>			<p>Waste Management</p>	<ul style="list-style-type: none"> • Segregation and storage of different types of waste in different containers or skips or stockpiles to enhance reuse or recycling of materials and their proper disposal • Sort non-inert C&D materials to recover any recyclable portions 	 <p>By main contractor at KNP site</p>  <p>By main contractor at KNP site</p>
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