FILE: 3M63 (Rev.00) 3-Months Rolling Programme (ER Part 5 & SCC 27(9)) Layout HZMB - (3M63 Rolling Prog) Sheet 1 of 9 TASK filters: 3M63, HZMB No Level Effort (Aug 2017 to Oct 2017) Activity ID Activity Name 3 MONTHS PROGRAMME HY/2011/03 (Aug 2017 to Oct 2017)(Rev0) WORKS IN SOUTH AREA - CH 13+516 to CH 15+050 (SCENIC HILL TUNNEL, MT & CCT) **Reclamation Works** Outstanding Reclamation Works - SWCH 0+000 to SWCH 0+450 **Seawall Construction** SWCH 0+000 to SWCH 0+080 - 80m South Area - Seawall, Trimming & Laying Geotextile along seawall line SW1550 South Area - Seawall, Trimming & Laying Geotextile along seawall line South Area - Seawall, Rockfill Core South Area - Seawall, Rockfill Core SW1560 South Area - Seawall, Underlayer Rock South Area - Seawall, Underlayer Rock SW1570 SW1580 South Area - Seawall, Rock armour (1st layer) South Area - Seawall, Rock armour (1 st layer) SWCH 0+080 to SWCH 0+150 - 70m South Area - Seawall, Trimming & Laying Geotextile along seawall line SW1590 South Area - Seawall, Trimming & Laying Geotextile along seawall line SW1640 South Area - Seawall, Rockfill Core South Area - Seawall, Rockfill Core South Area - Seawall, Underlayer Rock South Area Seawall, Underlayer Rock SW1650 South Area - Seawall, Rock armour (1st layer) SW1660 South Area - Seawall, Rock armour (1st layer) Area 1: Outstanding Remedial Works to Seawall - SWCH 0+530 to SWCH 0+800 (270m) **Permanent Seawall** A1121 South Area Remedial Works - Trimming & Laying Geotextile along seawall line, 2nd half South Area Remedial Works - Excavation for Pipe Piles Cutting A1120 A1122 South Area Remedial Works - Pipe piles cutting South Area Remedial Works - Seawall, Rockfill core A1143 South Area Remedial Works - Seawall, Rockfill core A1123 South Area Remedial Works - Seawall, Underlayer Rock South Area Remedial Works - Seawall, Underlayer Rock A1133 South Area Remedial Works - Seawall, Rock armour (1st layer) South Area Remedial Works - Seawall, Rock armour (1st layer) **PR10 Box Culvert Construction** Pre-Work A4990 Backfilling from Shaft 3 Backfilling from Shaft 3 Mass Filling to Blinding Level A5000 Mass Filling to Blinding Level A5010 Blinding layer placement (by other sub-contractor) Blinding layer placement (by other sub-contractor) Spill Trap (Stage 1) Structure Base Slab A238784 Outer Formwork Erection Outer Formwork Erection 🚍 . Rebar Fixing A238794 Rebar Fixing A238804 Kicker Formwork Erection Kicker Formwork Erection Concreting A238814 Concreting Wall & Top Slab A238824 Falsework Erection Falsework Erection A238834 Rebar Fixing Rebar Fixing Formwork Erection A238844 Formwork Erection Concreting A238854 Concreting PR10 Box Culvert Extension (Stage 1) Structure Construction (Bay 1-6) Bay 1 (7.79m length) Base Slab Outer Formwork Erection A4860 Outer Formwork Erection A4870 Rebar Fixing Rebar Fixing Kicker Formwork A4940 Concreting Concreting A5020 Concreting Concreting Wall & Top Slab A4950 Falsework Erection Falsework Erection Rebar Fixing A4960 Rebar Fixing Formwork Er A4970 Formwork Erection Bay 2 (12m length) Base Slab Outer Formwork Erection A238304 Outer Formwork Erection Rebar Fixing A238314 Rebar Fixing Kicker Formwork A238324 Kicker Formwork Erection Bay 4 (19.65m length) Base Slab A238464 Outer Formwork Erection Outer Formwork Erection A238474 Rebar Fixing Repar Fixing Kicker Formwork Erection A238484 Kicker Formwork Erection Concreting A238494 Concreting Wall & Top Slab A238504 Falsework Erection Falsework Erection A238514 Rebar Fixing Formwork Erection A238524 Formwork Erection Concreting A238534 Concreting Bay 5 (10m length) Base Slab Outer Formwork Erection A238544 Outer Formwork Erection A238554 Rebar Fixing Rebar Fixing A238564 Kicker Formwork Erection Kicker Formwork Erection Concreting A238574 Concreting Wall & Top Slab A238584 Falsework Erection Rebar Fixing Rebar Fixing A238594 A238604 Formwork Erection Formwork Erection Concreting A238614 Concreting Bay 6 (9.454m length) Base Slab A238624 Outer Formwork Erection Outer Formwork Erection Rebar Fixing A238634 Rebar Fixing A238644 Kicker Formwork Erection Kicker Formwork Erection A238654 Concreting Concreting Wall & Top Slab A238664 Falsework Erection Falsework Erection A238674 Rebar Fixing Rebar Fixing China State Construction Engineering (Hong Kong) Ltd -Prepared by MM Works Programme Date Revision Checked Approved Works Programme 31-Jul-17 WC SYT Contract No. HY/2011/03 - HZMB, Hong Kong Link Road ♦ Works Programme 中國建築工程(春港)有限公司 Milestone , Section between Scenic Hill and HKBCF CHINA STATE CONSTRUCTION ENGRG. (HONG KONG) LTD. Milestone Works Programme

FILE: 3M63 (Rev.00) Layout HZMB - (3M63 Rolling Prog) 3-Months Rolling Programme (ER Part 5 & SCC 27(9)) Sheet 2 of 9 TASK filters: 3M63, HZMB No Level Effort (Aug 2017 to Oct 2017) Activity ID Activity Name 13 | 20 | 27 | 03 Formwork Erection A238684 Formwork Frection A238694 Concreting Concreting Bay 7-8 (9.155m length) Base Slab A238704 Outer Formwork Erection Outer Formwork Erection Rebar Fixing A238714 Rebar Fixing Kicker Formwork Erection A238724 Kicker Formwork Erection Concreting A238734 Concreting Wall & Top Slab A238744 Falsework Erection Falsework Erection Rebar Fixing Rebar Fixing A238754 A238764 Formwork Erection Formwork Erection Concreting A238774 Concreting Reinstatement for temporary diversion, to Highway (Stage 2) Reinstatement for Bay 1-2 Isolation panel installation A238864 Isolation panel installation Dewatering A238874 Dewatering A238884 Coring holes on existing box culvert for rebar lapping Coring holes on existing box culvert for rebar lapping **Base Slab** A238894 Outer Formwork Erection Outer Formwork Erection A238904 Rebar Fixing Rebar Fixing A238914 Kicker Formwork Erection Kicker Formwork Erection Concreting A238924 Concreting Wall & Top Slab A238934 Falsework Erection Falsework Erection A238944 Rebar Fixing Rebar Fixing Formwork Erection A238954 Formwork Erection A238964 Concreting Concreting A238974 Isolation panel demolition Isolation panel demol Reinstatement for Bay 3-4 Isolation panel installation Isolation panel ins SHT Mined Tunnel Works at Scenic Hill Mined Tunnel through Scenic Hill [480m Approx.] To Zhuhai-Macao [4-Lane] Carriageway - T001 T001 OHVD SHT5110-130 SHT T001 Bay 24 OHVD [483m/483m] - Formworks, rebar fixing, concreting (Except CP5) **T001 Tunnel Black Paint** SHT7510-665 SHT T001 Black Paint [483m/483m] T001 Utility Trough SHT 7001 U-trough [900m/966m] - Formworks, rebar fixing, concreting SHT7510-315 SHT T001 U-trough [900m/966m] - Formworks, rebar fixing, concreting SHT7510-325 SHT T001 U-trough [966m/966m] - Formworks, rebar fixing, concreting SHT 7001 U-trough [966m/966m] - Formworks, rebar fixing, concreting T001 Base Slab SHT T001 base slab [320m/483m] - Waterproofing, rebar fixing, formworks, concreting SHT4080 SHT T001 base slab [320m/483m] - Waterproofing, rebar fixing, formworks, concreting SHIT T001 base slab [440m/483m] - Waterproofing, rebail fixing, formworks, concreting SHT4090 SHT T001 base slab [440m/483m] - Waterproofing, rebar fixing, formworks, concreting SHT T001 base slab [483m/483m] - Waterproofing, rebar fixing, formworks, concreting SHT4100 SHT T001 base slab [483m/483m] - Waterproofing, rebar fixing, formworks, concreting **T001 Roadworks** SHT T001 Road surfacing [220m/483m] SHT7510-535 SHT7510-515 SHT T001 Road formation work [440m/483m] SHT T001 Road formation work [440m/483m] SHT T001; Road surfacing [440m/483m] SHT7510-545 SHT T001 Road surfacing [440m/483m] SHT T001 Road formation work [483m/483m] [Last Bay] SHT T001 Road formation work [483m/483m] [Last Bay] SHT7510-615 SHT TOOL Road surfacing [460m/483m] SHT7510-635 SHT T001 Road surfacing [460m/483m] SHT7510-625 SHT T001 Road surfacing [483m/483m] [Last Bay] SHT 7001 Road surfacing [483m/483m] [Last Bay] SHT 1001. Stone mastic asphalt, road marking, & furnitures SHT7510-925 SHT T001 - Stone mastic asphalt, road marking, & furnitures T001 Tunnel Cladding SHT T001 Cladding VE panels (lower part), 240m/483m SHT7510-755 SHT T001 Cladding VE panels (lower part), 240m/483m SHT T001 Cladding brackets, 360m/483m SHT7510-705 SHT T001 Cladding brackets, 360m/483m SHT7510-765 SHT T001 Cladding VE panels (lower part), 360m/483m SHT T001 Cladding VE panels (lower part), 360m/483m SHT T001 Cladding brackets, 483m/483m SHT7510-715 SHT T001 Cladding brackets, 483m/483m SHT 1001 Cladding VE panels (lower part), 488m/483m SHT T001 Cladding VE panels (lower part), 483m/483m SHT7510-775 SHT 7001 Cladding VE panels (upper part), 120m/483m SHT7510-875 SHT T001 Cladding VE panels (upper part), 120m/483m SHT 7001 Cladding VE panels upper part), 240m/4 SHT T001 Cladding VE panels (upper part), 240m/483m SHT7510-725 SHT T001 Cladding VE pa SHT7510-885 SHT T001 Cladding VE panels (upper part), 360m/483m SHT7510-895 SHT T001 Cladding VE panels (upper part), 483m/483m To HKBCF [3-Lane] Carriageway - T002 T002 Roadworks SHT7510-495 SHT T002 Road surfacing [485m/485m] [Last Bay] SHT7510-555 SHT T002 - Stone mastic asphalt, road marking, & furnitures **T002 Tunnel Cladding** SHT7510-815 SHT T002 Cladding brackets, 485m/485m SHT T002 Cladding brackets, 485m/485m SHT7510-845 SHT T002 Cladding VE panels (lower part), 485m/485m SHT T002 Cladding VE panels (lower part), 485m/485m SHT 7002 Cladding VE panels (upper part), 120m/485m SHT T002 Cladding VE panels (upper part), 120m/485m SHT7510-905 SHT T002 Cladding VE panels (upper part), 240m/485m SHT7510-915 SHT T002 Cladding VE panels (upper part), 240m/485m SHT7510-855 SHT T002 Cladding VE panels (upper part), 360m/485m SHT 1002 Cladding VE panels (upper part), 360m/485m SHT T002 Cladding VE panels (upper part), 485m/485m SHT7510-865 SHT T002 Cladding VE panels (upper part), 485m/485m SHT7510-825 SHT T002 Final Inspection \$HT T002 Final Inspection **Ventilation Building RC Works ABWF** Internal Finishing SHT Vent. Bldg. - 2/F - 3/F - Interior Finishes SHT10128 SHT10118 SHT Vent. Bldg. - G/F - 1/F - Interior Finishes SHT10138 SHT Vent. Bldg. - 4/F - 5/F - Interior finishes SHT Vent. Bldg. - 4/F - 5/F - Interior finishes SHT Vent. Bldg. - Roof finishes SHT Vent Bldg. - Roof finishes SHT10148 **E&M Works Building Services** SHT Vent. Bldg. - Building Services , 1st fix SHT8110.01 SHT Vent. Bldg. - Building Services, 2nd fix SHT Vent Bldg. - Building Services, 2nd fix SHT8110.09 Interface with CLP: CLP Substation Z (at G/F) SHT8421 SHT Vent. Bldg. - Tx Room Z Final Function Test & Power On (Stage 2) SHT Vent Bldg - Tx Room Z Final Function Test & Power On (Stage 2) SHT Vent. Bldg. - Achievement of KD08- Stage 7 (Power supply available for TCSS) SHT Vent. Bldg. - Achievement of KD08- Stage 7 (Power supply available for TCSS) SHT8130 **E&M Switch Rm Installation by Contractor** SHT Vent. Bldg. - E&M works Switch Rm (Area 3) SHT8124 SHT Vent Bldg - E&M works Switch Rm (Area 3) SHT8095 SHT Vent. Bldg. - Switch Rm / Transformer Rm Initial T&C SHT Vent. Bldg. - Switch Rm / Transformer Rm Initial T&C SHT Vent. Bldg. - E&M works Transformer Rm (Area 3) SHT Vent. Bldg. - E&M works Transformer Rm (Area 3) SHT8450 Lift Installation SHT Vent. Bldg. - Lift installation, 1st fix SHT8225 SHT Vent Bldg - Lift installation, 1st fix SHT Vent. Bldg. - Lift installation, 2nd fix and lift equipment installation SHT Vent. Bldg. - Lift installation, 2nd fix and lift equipment installation SHT8235 SHT Vent Bldg - E&M installation in lift Machine Room SHT8245 SHT Vent. Bldg. - E&M installation in lift Machine Room SHT Vent, Bldg. - Lift installation - ABWF SHT Vent. Bldg. - Lift installation - ABWF SHT8205 E&M Equipment /Plant Installation except Switch Room)

FILE: 3M63 (Rev.00) Layout HZMB - (3M63 Rolling Prog) 3-Months Rolling Programme (ER Part 5 & SCC 27(9)) Sheet 3 of 9 TASK filters: 3M63, HZMB No Level Effort (Aug 2017 to Oct 2017) Activity ID **Activity Name** 30 06 13 20 27 03 10 17 SHT8135 SHT Vent. Bldg. (2/F- 3/F) - E&M equipment/plant installation, Stage 2 SHT Vent. Bldg. (2/F- 3/F) - E&M equipment/plant installation, Stage 2 SHT Vent, Bldg (4/F) - E&M equipment/plant installation, Stage 2 SHT8155 SHT Vent. Bldg. (4/F) - E&M equipment/plant installation, Stage 2 SHT8175 SHT Vent. Bldg. (G/F- 1/F) - E&M equipment/plant installation, Stage 2 SHT Vent. Bldg. (G/F-1/F);- E&M equipment/plant installation, Stage 2 SHT Vent. Bldg. (5/F) - E&M equipment/plant installation, Stage 2 SHT Vent. Bldg. (5/F) 4 E&M equipment/plant installation, Stage 2 SHT8195 **E&M Testing and Commisioning** SHT8180.06 SHT Vent. Bldg. - Other E&M Equipment Final T& C , Stage 1 SHT Vent, Bldg. - Other E&M Equipment Final T&C, Stage 1 SHT8180.26 SHT Vent. Bldg. - Building Services Final T& C , Stage 1 SHT Vent. Bldg. - Building Services Final T& C , Stage 1 SHT Vent. Bldg. - Lift Final T& C , Stage 1 SHT Vent. Bldg. - Lift Final T& C, Stage 1 SHT8180.46 SHT Vent. Bldg. - Other E&M Equipment Final T& C , Stage 2 SHT Vent. Bldg. - Other E&M Equipment Final T&C, Stage 2 SHT8180.16 SHT Vent. Bldg. - Building Services Final T& C, Stage 2 SHT8180.36 SHT Vent. Bldg. - Building Services Final T& C , Stage 2 SHT Vent. Bldg. - Lift Final T& C , Stage 2 SHT Vent. Bldg. - Lift Final T& C., Stage 2 SHT8180.56 CCT Works across Airport Road at Ch 14+016 to 14+222 (206m) CCT [East Access Shaft] (Shaft 1) **Civil & Structurals Works ELS Works** SHT1089-99 SHT C&CT @ Shaft 1 - T001 - OHVD (Formworks, rebars, concrete) Mined Tunnel Under Airport Road between SHAFT 1 & SHAFT 2(by Drill & Break) Mined Tunnel Works - Drive from Shaft 2 (by Drill & Break) T002 - Utillities Trough SHT7702 Under Airport Rd T002 - Utility trough, 56/56m T001 Tunnel Slab, Lining, OHVD Under Airport Rd T001 - Undrained slab, 62/62m SHT2140-15 Under Airport Rd T001 - Lining, 30/62m SHT2140-18 Under Airport Rd T001 - Lining, 40/62m SHT2140-19 Under Airport Rd 7001 - Lining, 50/62m SHT2140-20 Under Airport Rd T001 - Lining, 50/62m Uhder Airport Rd T001 - OHVD, 20/62m Under Airport Rd T001 - OHVD, 20/62m SHT2140-22 Linder Airport Rd T001 - Lining, 62/62m SHT2140-21 Under Airport Rd T001 - Lining, 62/62m Under Airport Rd T001 - OHVD, 40/62m SHT2140-23 Under Airport Rd T001 - OHVD, 40/62m Junder Airport Rd T001 - OHVD, 62/62m Under Airport Rd T001 - OHVD, 62/62m SHT2140-24 T001 - Utilities Trough SHT7703 Under Airport Rd T001 - Utility trough, 30/62m Under Airport Rd T001 - Utility trough, 30/62m SHT7704 Under Airport Rd T001 - Utility trough, 62/62m Under Airport Rd T001; - Utility trough, 62/62m T001 - Black Paint SHT2140-62 Under Airport Rd T001 - Black Paint, (62m) Under Airport Rd T001 - Black Paint, (62m) **SHAFT 2 - Lining Works** T001 Tunnel Slab, Lining, OHVD SHT2140-28 Shaft 2 - T001 Base slab Shaft 2 - T001 Base slab SHT2140-29 Shaft 2 - T001 Wall & OHVD Shaft 2 - T001 Wall & OHVD SHT2140-30 Shaft 2 - T001 Top Slab Shaft 2 - T001 Top Slab Mined Tunnel Underneath AEL Ch 14+128 to Ch 14+175 Civil & Structural Works SHT Works under AEL(BOX JACKING) - By Double Jack - 7days 24 hrs Box Casting/Jacking - T001 (24 hours working period) T001 - Segment (Stitching and Grouting)-BXJ-15921 T001 - Saw cutting anchroage blocks, 5 of 15 nos. T001 - Saw cutting anchroage blocks, 9 of 15 nos. BXJ-15922 T001 - Base slab - Stitching and grouting work between the segments (3/5) BXJ-15901 T001 - Base slab - Stitching and grouting work between the segments (3/5) BXJ-15931 T001 - Saw cutting anchroage blocks, 13 of 15 nos. T001 - Saw cutting anchroage blocks, 13 of 15 nos. T001 - Base slab- Stitching and grouting work between the segments (5/5) BXJ-15911 T001 - Base slab - Stitching and grouting work between the segments (5/5) 1/5) 1/001 - Wall - Stitching and grouting work between the segments (1/5) BXJ-15941 T001 - Wall - Stitching and grouting work between the segments (1/5) T001 - Wall - Stitching and grouting work between the segments (2/5) T001 - Wall - Stitching and grouting work between the segments (2/5) BXJ-15951 7001 - Wall - Stitching and grouting work between the segments (3/5) BXJ-15961 T001 - Wall - Stitching and grouting work between the segments (3/5) T001 - Wall - Stitching and grouting work between the segments (4/5) BXJ-15971 T001 - Wall - Stitching and grouting work between the segments (4/5) T001 - Wall - Stitching and grouting work between the segments (5/5) T001 - Wall - Stitching and grouting work between the segments (5/5) BXJ-15981 T001 - OHVD-1001 - OHVD (20m/70m) Formworks / repar fixing, condreting BXJ-15991 T001 - OHVD (20m/70m) Formworks, rebar fixing, concreting BXJ-16001 T001 - OHVD (40m/70m) Formworks, rebar fixing, concreting T001 - OHVD (40m/70m) Formworks, rebar fixing, co BXJ-16011 T001 - OHVD (60m/70m) Formworks, rebar fixing, concreting T001 - OHYD (60m/70m) Form T001 - OHV BXJ-16021 T001 - OHVD (70m/70m) Formworks, rebar fixing, concreting SHAFT 3 - CCT RC Works for East Access Shaft (after completion of Box Jacking) T001 - RC Structure SHT2140-230 Shaft 3 (incl North & South Shaft) - RC Structure - base slab, T001 area (bay 3) Shaft 3 (incl North & South Shaft) - RC Structure - wall & OHVD, T001 area (bay 2/6) SHT2140-260 SHT2140-270 Shaft 3 (incl North & South Shaft) - RC Structure - wall & OHVD, T001 area (bay 3/6) Shaft 3 (incl North & South Shaft) - RC Structure - wall & OHVD, T001 area (bay 3/6) Shaft 3 (incl North & South Shaft) - RC Structure - wall & DHVD, T001 area (bay 4/6) SHT2140-280 Shaft 3 (incl North & South Shaft) - RC Structure - wall & OHVD. T001 area (bay 4/6) Shaft 3 (incl North & South Shaft) - RC Structure - wall & OHVD 7001 area (bay 5/6) Shaft 3 (incl North & South Shaft) - RC Structure - wall & OHVD, T001 area (bay 5/6) SHT2140-290 Shaft 3 (incl North & South Shaft) - RC Structure - wall & OHVD, T001 area (bay 6/6) SHT2140-300 Shaft 3 (incl North & South Shaft) - RC Structure - wall & OHVD, T001 area (bay 6/6) CCT Works over Reclaimed Area at Ch 14+212 to Ch 15+050 (828m) CCT Works - on New Reclamation [490m Approx.] CCT Works in Remaining Section [325m Approx.][Ch 14+375 to Ch 14+700] Civil & Structurals Works ELS - Tunnel SHT- C&CT (T1.9.1 + Ext. Ch14+315 to Ch14+452/(Ch14+322 to Ch14+474) CCT RC Works(T1.9.1+Extension) T001 (1.9.1) - Utilities Trough SHT1868-595 SHT C&CT (T1.9.1) - T001 (132m/132m) T002 (1.9.1) - Roadworks (Road formation, Surfacing and Road Marking) SHT9720-210 SHT C&CT (T1.9.1) - T002 - Road surfacing (stone mastic asphalt), 1st half SHT9720-220 SHT C&CT (T1.9.1) - T002 - Road surfacing (stone mastic as phalt), remaining half SHT C&CT (T1.9.1) - T002 - Road marking, furnitures, 1st half SHT9720-160 SHT C&CT (T1.9.1) - T002 - Road marking, furnitures, 1st half SHT9720-170 SHT C&CT (T1.9.1) - T002 - Road marking, furnitures, remaining half SHT C&CT (T1.9.1) -T002 - Road marking, furnitures, remaining half T001 (1.9.1) - Roadworks (Road formation, Surfacing and Road marking) SHT9730-100 SHT C&CT (T1.9.1) - T001 - Road formation (mass concrete), 1sthalf SHT9730-110 SHT C&CT (T1.9.1) - T001 - Road formation (mass concrete), 2nd half SHT C&CT (T1.9.1) - T001 - Road formation (mass concrete), 2nd half SHT C&CT (T1.9.1) - T001 - Road surfacing (base course), 1st half SHT C&CT (T1.9.1) - T001 - Road surfacing (base course), 1st half SHT9730-120 SHT9730-130 SHT C&CT (T1.9.1) - T001 - Road surfacing (base course), remaining half SHT C&CT (T1.9;1) - T001; - Road surfacing (base course), remaining half SHT C&CT (T1.9.1) - T001 - Road surfacing (stone mastic as phalt), 1st half SHT C&CT (T1.9.1) - T001 - Road surfacing (stone mastic as phalt), sthalf SHT9730-140 SHT C&CT (T1.9.1) - T001 - Read surfacing (stone mastic asphalt), remaining SHT C&CT (T1.9.1) - T001 - Road surfacing (stone mastic as phalt), remaining half SHT9730-150 SHT C&CT (11.9.1) - T001 - Road marking, furnitures, 1 st h SHT C&CT (T1.9.1) - T001 - Road marking, furnitures, 1st half SHT9730-160 SHT C&CT (T1.9.1) - T001 - Road marking, furnitures, remaining half SHT C&CT (T1.9.1) - T001 - Road mark ELS - Tunnel SHT- C&CT (T1.12 Ch 14+264 to Ch 14+315)/(Ch 14+257 to Ch 14+322) **T001 RC Structure** SHT1925-315 SHT C&CT (T1.12) - T001 Roof Slab, Formworks, rebars, concrete (bay 3/3) T001 - Utilities Trough SHT7710 SHT C&CT (T1.12) - T001 Utility Trough, 27/54m SHT C&CT (T1.12) - T001 Utility Trough 27/54m SHT7711 SHT C&CT (T1.12) - T001 Utility Trough, 54/54m SHT C&CT (T1.12) - T001 Utility Trough, 54/54m

FILE: 3M63 (Rev.00) Layout HZMB - (3M63 Rolling Prog) 3-Months Rolling Programme (ER Part 5 & SCC 27(9)) Sheet 4 of 9 TASK filters: 3M63, HZMB No Level Effort (Aug 2017 to Oct 2017) Activity ID Activity Name 10 17 T001 - Black Paint SHT7715 SHT C&CT (T1.12) - T001 Black Paint (54m) SHT C&CT (T1,12) - T001 Black Paint (54m) **T002 RC Structure** T002 - Utilities Trough SHT C&CT (T1.12) - T002 Utility Trough, 70/70m SHT7714 ELS - Tunnel SHT- C&CT (T1.9.2 Ch 14+452 to Ch 14+597)/(Ch 14+474 to Ch 14+612) Excavation & Lateral Support (T1.9.2) T001 (1.9.2) - Utilities Trough SHT C&CT (T1.9.2) - T001 (50 m/148m) SHT1868-825 SHT1868-795 SHT C&CT (T1.9.2) - T001 (100m/148m) SHT C&CT (T1.9.2) - T001 (100m/148m) SHT C&CT (T1.9.2) - T001 (148m/148m) SHT C&CT (T1.9.2) - T001 (148m/148m) SHT1868-805 ELS - Tunnel SHT- C&CT (T1.9.3 Ch 14+597to Ch 14+727)/(Ch 14+612 to Ch+14+739) RC Works (T1.9.3) **Backfilling Works** SHT1923-222 T1.9.3 - Waterproofing & Backfilling Works, 2nd Stage T1.9.3 - Waterproofing & Backfilling Works, 3rd Stage SHT1923-232 CCT Works for HAT East w/ Emergency Pedestrian Passage HAT Plant Building and Cut & Cover Tunnel, East Area [303m Approx.] RC CCT Work (Ch 0+768 to Ch0+940) Backfilling (Ch0+768 to Ch0+940) HAT 1869-100 HAT East C&CT - Waterproof, Backfilling and strut removal 100m/172m length HAT 1869-110 HAT East C&CT - Waterproof, Backfilling and strut removal 150m/172m length HAT East C&CT - Waterproof, Backfilling and strut removal 150m/172m length HAT East C&CT - Waterproof, Backfilling and strut removal 172m/172m length HAT East C&CT - Waterproof, Backfilling and strut removal 172m/172m length RC Works Access Shaft and Columns to GL **Access Shaft** HAT Maint. Access Shaft - Wall & Top Slab -Formworks, rebars, concrete, 2/3 bays(service shaft) HAT Maint Access Shaft - Wall & Top Slab - Formworks, rebars, concrete, 2/3 bays (service shaft) HAT 1071-160 HAT 1071-150 HAT Maint. Access Shaft - Wall & Top Slab -Formworks, rebars, concrete, 3/3 bays HAT Maint Access Shaft - Wall & Top Slab /- Formworks, rebars, concrete, 3/3 bays RC CCT Work(Ch 0+940 to Ch 1+140) Base slab(Ch 0+940 to Ch 1+140) HAT 1868-955 Base Slab - Formworks, Rebars, Concrete, 120m / 200m HAT 1868-965 Base Slab - Formworks, Rebars, Concrete, 160m / 200m HAT 1868-975 Base Slab - Formworks, Rebars, Concrete, 200m / 200m Base Slab Formworks, Rebars, Concrete, 200m / 200m Wall Stem + Top Slab (Ch 0+940 to Ch 1+140) Wall stem + Top slab - Formworks, Rebars, Concrete, 80m / 200m HAT 1868-995 HAT 1868-1005 Wall stem + Top slab - Formworks, Rebars, Concrete, 120m / 200m Wall stem + Top slab - Formworks, Rebars, Concrete, 120m / 200m HAT 1868-1015 Wall stem + Top slab - Formworks, Rebars, Concrete, 160m / 200m Wall stem + Top slab - Formworks, Rebars, Concrete, 160m / 200m Wall stem + Top slab - Formworks, Rebars, Concrete, 200m / 200m HAT 1868-1025 Wall stem + Top slab - Formworks, Rebars, Concrete, 200m / 200m ELS (Ch 0+940 to Ch 1+140) HAT East C&CT - ELS works - 26,068m3 / 26,068m3 HAT (Ch 0+768 to 1+195 -Utility Trough, E&M, TCSS (Works under Stage 7 & Section 2) HAT - E&M & Utilities Installation HAT [East C&CT] - Building services, 1st part A239174 HAT [East C&CT] - Building services, 1st part HAT [East C&CT] - Building services, 2nd part A239274 HAT [East C&CT] - Building services, 2nd part HAT [East C&CT] Building services 3rdbar HAT [East C&CT] - Building services, 3rdpart A239284 HAT [East C&CT] - signal cables, 1st half A239184 HAT [East C&CT] - sigi A239314 HAT [East C&CT] - signal cables, remaining half **HAT - Tunnel Cladding** HAT [East C&CT] - Cladding brackets, LHS, 1st half A239124 **HAT Utility Trough Utility Trough** HAT East C&CTI - Utility trough, 1st 75m A238274 HAT [East C&CT] - Utility trough, 1st 75m HAT [East C&CT] - Utility trough, next 75m (Cum =150m) A239244 ■ HAT [East C&CT] - Utility trough, next 75m (Cum =150n HAT [East C&CT] - Utility trough, next 75m (Cum =225m) A238214 HAT [East C&CT] - Utility trough, next 75m (Cum =225m) HAT [East C&CT] - Utility tr A238224 HAT [East C&CT] - Utility trough, next 80m (Cum =305m) TCSS Civil Prov. Works (under Stage 7) HAT [East C&CT] - TCSS civil prov. works, 1st 75 m (inside tunnel) HAT [East C&CT] - TCSS civil prov. works, 1st 75 m (inside tunnel) A239254 A239264 HAT [East C&CT] - TCSS civil prov. works, next 75 m, (Cum. = 150m) (inside tunnel) HAT (East C&CT) / TCSS civil prov. works, next 75 m, (Cum. = 150m) (inside A238264 HAT [East C&CT] - TCSS civil prov. works, next 75 m, (Cum. = 225m) (inside tunnel) HAT [East C&CT] - TCSS civil prov. works, next 75 m. (C HAT [East C&CT] - TCSS civil prov. HAT [East C&CT] - TCSS civil prov. works, next 80 m, (Cum. = 305m) (inside tunnel) A239104 HAT [East C&CT] TCSS civil prov. works, east ramp area A239114 Box Culvert Extension to outfall PR14 (457m Approx.) Box Culvert Extension to outfall PR14 (South Area, Bay S1 to S22) BC1110-162 PR14 South Area - Bas e Slab (Excavation), 22/22 bays BC1110-211 PR14 South Area - Backfilling works, 19/22 bays PR14 South Area - Backfiling works, 19/22 bays BC1110-122 PR14 South Area - Base Slab (formwork, rebars, concrete), 22/22 bays PR14 South Area - Base Slab (formwork, rebars, concrete), 22/22 bays PR14 South Area - Wall & roof slab (formwork, rebars, shuttering wall, concrete), 22/22 bays PR14 South Area - Wall & roof slab (formwork, rebars, shuttering wall, concrete), 22/22 bays BC1110-142 PR14 South Area - Connection to Existing outfall BC1110-181 PR14 South Area - Connection to Existing outfall PR14 South Area - Backfiling works, 22/22 bays BC1110-221 PR14 South Area - Backfilling works, 22/22 bays **Security Fence** LR.2010-2 Security Fence - Excavation, backfilling to formation & compaction 150/368 nos. LR.2010-76 Security Fence - Fence installation and fixing - 150/1,098 m Security Fence - Fence installation and fixing - 150/1,098 m LR.2010-22 Security Fence - Footing (bottom & upper part), Formworks, rebars, concrete - 150/368 nos. Security Fence - Footing (bottom & upper part), Formworks, rebars, concrete - 150/368 nos. Security Fence - Excavation, backfilling to formation & compaction 200/368 nos LR.2010-3 Security Fence - Excavation, backfilling to formation & compaction 200/368 nos. Security Fence - Excavation, backfilling to formation & compaction 250/368 nos LR.2010-4 Security Fence - Excavation, backfilling to formation & compaction 250/368 nos. LR 2010-33 Security Fence - Footing (bottom & upper part), Formworks, rebars, concrete - 200/368 nos. Security Fence - Footing (bottom & upper part), Formworks, rebars, concrete - 200/368 nos. LR.2010-86 Security Fence - Fence installation and fixing - 300/1,098 m. Security Fence - Fence installation and fixing - 300/1,098 m. LR.2010-5 Security Fence - Excavation, backfilling to formation & compaction 300/368 nos. Security Fence - Excavation, backfilling to formation & compaction 300/368 nos. Security Fence-Footing (bottom & upperpart), Formworks, rebars, concrete - 250/368 nos. LR 2010-44 Security Fence - Footing (bottom & upperpart), Formworks, rebars, concrete - 250/368 nos. LR.2010-96 Security Fence - Fence installation and fixing - 450/1,098 m. Security Fence - Fence installation and fixing - 450/1,098 m. LR.2010-6 Security Fence - Excavation, backfilling to formation & compaction 368/368 nos. Security Fence - Excavation, backfilling to formation & compaction 368/368 nd Security Fence - Fence installation and fixing - 600/1,098 m. LR.2010-106 Security Fence - Fence installation and fixing - 600/1.098 m. Security Fence - Footing (bottom part), Formworks, repars, concrete - 300/368 hos. LR.2010-55 Security Fence - Footing (bottom part), Formworks, rebars, concrete - 300/368 nos. LR.2010-116 Security Fence - Fence installation and fixing - 736/1,098 m. Security Fence - Fence installation and fixing - 736/1,098 m. Security Fence - Footing (bottom & upper part), Formworks, rebars, cond LR 2010-66 Security Fence - Footing (bottom & upper part), Formworks, rebars, concrete - 368/368 nos. Security Fence - Fence installation and fixing - 886/1,098 m. LR.2010-126 Security Fence - Fence installation and fixing - 886/1,098 m. Security Fence - Fence installation and fixing - 1,098/1,098 m LR.2010-136 Security Fence - Fence installation and fixing - 1,098/1,098 m. WORKS IN HAM(HIGHWAY OPERATION & MAINTENANCE AREA) & HAT CCT **Administration Building ABWF & External Works Builder Works** HMA4130 HMA Admin. Bldg. - Builders works for rel.Rms for TCSS (KD7-Stage 6), 2nd part HMA Admin Bldg / Builders works for rel Rms for TC\$S (KD7-Stage 6), 2nd part HMA Admin. Bldg.- R/F-all other area (blk work+rendering; screeding; part. walls; waterproofing(incl. H2O test) 1st part HMA4120 HMA Admin. Bldg.- G/F- all other area (blk work+rendering; screeding; part. walls; waterproofing(incl. H2O test)2nd Part HMA4091 HMA Admin. Bldg.- 1/F-all other area (blk work+rendering; screeding; part. walls; waterproofing(incl. H2O test) 2nd part HMA4101 HMA Admin. Bldg.- 1/F-all other area (blk work+rendering; screeding; part. walls; waterproofing(incl. H2O test) 3rd part HMA4102 HMA Admin, Bldg, - 1/F-all other area (blk work+rendering; screeding; part, walls; waterproofing(incl. H2O test) 3rd part HMA4121 HMA Admin. Bldg.- R/F-all other area (blk work+rendering; screeding; part. walls; waterproofing(incl. H2O test) 2nd part 🗏 HMA Admin. Bldg.- R/F-all other area (blk work+rendering, screeding, part, walls; waterproofing(ihcl, H2O test) 2nd pa HMA Admin. Bldg.- G/F- all other area (blk work+rendering; screeding; part. walls; waterproofing(incl. H2O test)3rd Part HMA Admin. Bldg.- G/F- all other area (blk work-rendering; screeding; part, walls, waterproofing(incl; H2O test)3rd Part HMA4092

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Bldg. - Southern Face - Glass curtain wall, doors, windows (incl. water test) HMA Admin. Bldg. - Northern Face - Glass curtain wall, doors, windows (incl. water test) HMA4150 HMA Admin. Bldg. - Northern Face - Glass curtain wall, doors, windows (incl. water test) HMA Admin. Bldg. - Western Face - Glass curtain wall, doors, windows (incl. water test) HMA4140 HMA Admin. Bldg. - Western Face - Glass curtain wall, doors, windows (incl. water test) HIMA Admin. Bldg. - Eastern Face - Spray granite textured coating HMA4160 HMA Admin. Bldg. - Eastern Face - Spray granite textured coating HMA Admin, Bldg. - Southern Face - Spray granite textured coating HMA Admin. Bldg. - Southern Face - Spray granite textured coating HMA4170 HMA Admin, Bldg. Western Face Spray granite textured coating HMA4180 HMA Admin. Bldg. - Western Face - Spray granite textured coating HMA Admin. Bldg. - Northern Face - Spray granite textured coating HMA Admin. Bldg. - Northern Face - Spray granite textured coating HMA4190 **E&M Works Building Services** 1st Fix HMA4214 HMA Admin. Bldg. - Building Services 1st fix - 1/F - East Zone HMA Admin, Bldg, - Building Services 1st fix - 1/F - East Zone HMA4210 HMA Admin. Bldg. - Building Services 1st fix - G/F - East Zone HMA Admin Bldg. Building Services 1st fix - G/F - East Zone HMA Admin. Bldg. - Building Services 1st fix - G/F - West Zone HMA4212 HMA Admin, Bldg. - Building Services 1st fix - G/F - West Zone HMA4216 HMA Admin. Bldg. - Building Services 1st fix - 1/F - West Zone HMA Admin Bldg. Building Services 1st fix - 1/F - West Zone 2nd Fix HMA4218 HMA Admin. Bldg. - Building Services 2nd fix - G/F - East Zone HMA Admin. Bldg. - Building Services 2nd fix - G/F - East Zone HMA Admin. Bldg. - Building Services 2nd fix - G/F - West Zone HMA4220 HMA Admin. Bldg. - Building Services 2nd fix - G/F - West Zone HMA Admin, Bldg. - Building Services 2nd fix - 1/F East Zone HMA4222 HMA Admin. Bldg. - Building Services 2nd fix - 1/F - East Zone HMA Admin. Bldg. - Building Services 2nd fix - 1/F - West Zone HMA Admin, Bldg, - Building Services 2nd fix - 1/F - West Zone HMA4224 E&M Works and Interface with HY2011/09 for SHM & MMS HMA1260-3 HMA Admin. Bldg. - SHM/MMS Rm - Building Services Work, 3rd Part HMA Admin, Bldg. - SHM/MMS Rm - Building Services Work, 3rd Part HMA Admin. Bldg. - SHM/MMS Rm - IT System + interior finishes, 3rd Part HMA Admin, Bldg. - SHM/MMS Rm - IT System + interior finishes, 3rd Part HMA1260-13 → HMA Admin, Bldg, - SHM/MMS Rm - Provide Access E&M Rm to Contract HY/2011/09's SHM & MMS - KD5 - Stage 4a HMA1260-21 HMA Admin. Bldg. - SHM/MMS Rm - Provide Access E&M Rm to Contract HY/2011/09's SHM & MMS - KD5 - Stage 4a E&M Works for Relevent Rms and Interface with TCSS Contractor HMA Admin. Bldg. - E&M relevant room for TCSS - interior finishes, 2nd part HMA Admin Bldg. - E&M relevant room for TCSS - interior finishes, 2nd part HMA1275-81 HMA1275-61 HMA Admin. Bldg. - E&M relevant room for TCSS - bldg services, 2nd part HMA Admin, Bldg., E&M relevant room for TCSS, bldg services, 2nd part HMA1275-91 HMA Admin. Bldg. - Provide Access E&M Rm to TCSS Contractor - KD7- Stage 6 HMA Admin, Bldg. - Provide Access E&M Rm to TCSS Contractor - KD7- Stage 6 **CLP Installation - Substation X** HMA4230 HMA Admin. Bldg. - Tx Room "X" Function Test & Power On HMA Admin. Bldg. - Tx Room "X" Function Test & Power On HMA Admin. Bldg. - Power Supply Available for TCSS Contractor [KD-8] - Stage 7 HMA Admin. Bldg. - Power Supply Available for TCSS Contractor [KD-8 - Stage 7) **HyD Workshop & Store Building Structure Works** HMA1060-1368 HMA HyD Workshop & Stores - Facade Wall, 1st half HMA HyD Workshop & Stores - Facade Wall, 1st half HMA1060-1518 HMA HyD Workshop & Stores - Facade Wall, remaining half HMA HyD Workshop & Stores - Facade Wall, remaining half **ABWF** HIMA HVD Workshop & Stores - general area (blkwrk+rendering; screeding; part, walls) wproofing (incl, water test), tem half HMA1060-1288 HMA HyD Workshop & Stores - general area(blkwrk+rendering; screeding; part. walls; wproofing(incl. water test), rem half HMA1060-1298 HMA HyD Workshop & Stores - Aluminum grille, doors, windows, 1st half HMA HyD Workshop & Stores - Alluminum grille, doors, windows, 1st half HMA1060-1538 HMA HyD Workshop & Stores - Canopy (install frame), 1st half HMA HyD Workshop & Stores - Canopy (install frame), 1st half HMA1060-1308 HMA HyD Workshop & Stores - Aluminum grille, doors, windows, remaining half HMA HyD Workshop & Stores Aluminum grille, doors, windows, remaining hal HMA1060-1548 HMA HyD Workshop & Stores - Canopy (install frame), remaining half HMA HyD Workshop & Stores + Canopy (install frame), remaining half HMA HyD Workshop & Stores - Canopy (install aluminum finishes), 1st half HMA HyD Workshop & Stores + Canopy (install aluminum finishes), 1st half HMA1060-1558 HMA1060-1568 HMA HyD Workshop & Stores - Canopy (install aluminum finishes), remaining half HMA HyD Workshop & Stores - Canopy (install aluminum finishes), remai **TD Workshop & Store Building TD Workshop RC Structure Works** HMA1060-1428 HMATD Workshop & Stores - Roof Slab + roof water test HMATD Workshop & Stores - Roof Slab + roof water test **TD Store RC Structure Works** HMATD Stores - Roof slab, remaining half HMA1060-1628 HMATD Stores - Roof slab, remaining half **ABWF** HMA1060-1438 TD Workshops - Builders works for general area(blkwrk+rendering; screeding), part. walls , waterproofing TD Workshops - Builders works for general area(blkwrk+rendering, screeding), part walls, waterproofing HMA1060-1498 TD Workshops - Canopy (install frame) TD Workshops - Canopy (install frame) HMA1060-1508 TD Workshops - Glass curtain wall, doors, windows (including water test) TD Workshops - Glass curtain wall, doors, windows (including water test) TD Workshops & Store - Glass curtain wall, doors, windows (including water test) HMA1060-1608 TD Workshops & Store - Glass curtain wall, doors windows (including water test) HMA1060-1728 TD Workshops - Fitout TO Workshops - Fitout TD Workshops - Canopy (install alum, fin.) HMA1060-1698 TD Workshops - Canopy (install alum. fin.) TD Workshops - Interior finishes HMA1060-1748 TD Workshops - Interior finishes HMA1060-1738 TD Workshops & Store - Aluminum louvres, doors TD Workshops & Store - Aluminum louvres, doors TD Workshops & Store - Builders works for general area(blkwrk+rendering; screeding), part. walls , waterproofing TD Workshops & Store - Builders works for general area(blkwrk+rei HMA1060-1758 TD Workshops & Store - Exterior painting TD Workshops & Store - Exterior painting HMA1060-1768 TD Workshops & Store - Spray gran HMA1060-1778 TD Workshops & Store - Spray granite textured coating - Western face TD Workshops & HMA1060-1788 TD Workshops & Store - Spray granite textured coating - Easter face Petrol Filling Station & Attendance Office/Dangerous Goods Store **Petrol Filling Station - RC Works** HMA1060-1448 Petrol Filling Stn. & Attendance Ofc .- Fuel Tank Roof (formworks, rebars, cast-in items, concrete) Petrol Filling Stn. & Attendance Ofc. - Fuel Tank Roof (formworks, rebars, cast-in items, concrete) HMA1060-1638 Petrol Filling Stn. & Attendance Ofc. - Ground slab (formworks, rebars, cast-in items, concrete) Petrol/Filling/Stn. & Attendance 'Ofc. - Ground slab (formworks, rebars, cast-in items, concrete HMA1060-1648 Petrol Filling Stn. & Attendance Ofc. - Columns (formworks, rebars, cast-in items, concrete), 1st half Petrol Filling Stn. & Attendance Ofc. - Columns (formworks, rebars, cast-in items, concrete), 1st half Petrol Filling Sth. & Attendance Ofc .- Columns (formworks, rebars, cast-in items, conc Petrol Filling Stn. & Attendance Ofc. - Columns (formworks, rebars, cast-in items, concrete), remaining half HMA1060-1658 HMA1060-1668 Petrol Filling Stn. & Attendance Ofc. - Roof (formworks, rebars, cast-in items, concrete), 1st half Petrol Filling Stn. & Attendance Ofc. - Roof (formworks, rebars, cast in items Petrol Filling Stn. & Attendance Ofc. - Roof (formworks, re HMA1060-1678 Petrol Filling Stn. & Attendance Ofc. - Roof (formworks, rebars, cast-in items, concrete), remaining half DG Store & FAO - RC Works HMA1060-1268 DG Store - Column/Wall (formworks, rebars, cast-in items, concrete) DG Store - Column/Wall (formworks, rebars, cast-in items, concrete) DG Store. - Roof Slab (formworks, rebars, concrete) DG Store. - Roof Slab (Iformworks, rebars, concrete) HMA1060-1458 DG Store. - Water Tank HMA1060-1688 DG Store. - Water Tank **ABWF** Petrol Filling Stn. & Attendance Ofc .- ABWF (blkwrk+rendering, screeding), Area HMA1060-1468 Petrol Filling Stn. & Attendance Ofc. - ABWF (blkwrk+rendering; screeding), Area 1 Petrol Filling Stn. & Attendance Ofc. - ABWF (blkwrk+rendering; screeding), Ar HMA1060-1708 Petrol Filling Stn. & Attendance Ofc. - ABWF (blkwrk+rendering; screeding), Area 2 Petrol Filling Stn. & Attendance Ofc. - ABWF (blkwrk+rendering; screeding), Area 3 Petrol Filling Stn. & Attendance Ofc - ABWF (blkwrk+re HMA1060-1718 External Works (Roadworks etc.) HMA3200 HMA - cable laying and other utilities, 1st half HMA-TCSS civil prov. works, 1st half HMA-TCSS civil prov. works, 1st half HMA3120 HMA3100 HMA - Drainage and watermain, remaining half HMA - Drainage and watermain, remaining half HMA3140 HMA-DPS9-Excavation HMA -DPS9 - Excavation HMA3110 HMA - cable laying and other utilities, remaining half HMA - cable laying and other utilities, remaining half HMA DPS10 - Excaviation HMA3170 HMA -DPS10 - Excavation HMA3230 HMA - Vehicle retention area/Training ground site formation, 1st half HMA - Vehicle retention area/Training ground site formation, 1st half HMA-DPS9-RCWorks HMA -DPS9 - RC Works HMA3150 HMA3180 HMA - DPS10 - RC Works HMA-DP\$10 - RC Works HMA3130 HMA -TCSS civil prov. works, remaining half HMA TCSScivil prov. works, remaining half HIMA-internal access and connecting roads, parking area, site formation and footing HMA - internal access and connecting roads, parking area, site formation and footing, 1st half HMA3210 HMA-Vehicle retention area/Training ground site formation, remaining half HMA3240 HMA - Vehicle retention area/Training ground site formation, remaining half HMA3160 HMA -DPS9 - E&M Installation/ T&C HMA-DPS9- E&M Installation/ T&C HMA-DES10 - E&M Installation/ T&C HMA3190 HMA - DPS10 - E&M Installation/ T&C HMA3220 HMA - internal access and connecting roads, parking area, site formation and footing, remaining half HMA internal access and conhecting roads, parking WORKS IN MIDDLE AREA CH15+050 to 15+500 (HKLR AT GRADE, HAT MT, BRIDGE A1 & A2) Reclamation Works - SWCH 0+960 to 1+400 (AHR 20mPD) & (12.5mPD) Seawall Construction (Middle Area) CH 0+980 to CH 1+400 - 420m SWCH 0+980 to SWCH 1+030 - 50m (PR14) Middle Area - Seawall - Removal of temporary seawall and sheet pile SW 1060 Middle Area - Seawall - Removal of temporary seawall and sheet pile SW1490 PR14 Box culvert Extension completed PR14 Box culvert Extension completed Middle Area - Seawall - Profile Excavation Middle Area - Seawall - Profile Excavation SW 1070 Middle Area - Seawall - Cutting Pipe pile Middle Area - Seawall - Cutting Pipe pile SW 1080 Middle Area - Seawall, Rock laying Middle Area Seawall, Rock laying SW1090 SWCH 1+280 to SWCH 1+400 - 120m Middle Area - Seawall - Rockfill Core SW 1140 Middle Area - Seawall - Rockfil Core

FILE: 3M63 (Rev.00) Layout HZMB - (3M63 Rolling Prog) 3-Months Rolling Programme (ER Part 5 & SCC 27(9)) Sheet 6 of 9 TASK filters: 3M63, HZMB No Level Effort (Aug 2017 to Oct 2017) Activity ID Activity Name 30 06 13 20 27 SW 1150 Middle Area - Seawall - Underlayer Rock Middle Area - Seawall - Underlayer Rock Middle Area - Seawall - Rock Armour SW1160 Middle Area - Seawall - Rock Armour Surcharge Middle Area - Remove surcharge [Sub-zone 9-2] (+ compaction to 5.5mPD), 2nd half RSC1054-6 Middle Area - Remove surcharge [Sub-zone 9-2], (+ compaction to 5.5mPD), 2nd half Area 2: Investigation and Remedial Works - SWCH 1+030 to SWCH 1+280 (250m) **Permanent Seawall** A1460 Middle Area Remedial Works - Seawall - Underlayer Rock Middle Area Remedial Works - Seawall - Underlayer Rock Middle Area Remedial Works -Seawall - Rock Armour Middle Area Remedial Works - Seawall - Rock Armovi A1470 Works in HAT Tunnel (Mined Tunnel and West CCT w/ Emergency Pedestrian Passage CCT for HAT across Airport Road [200m Approx.] **Civil & Structural Works** RC Works- HAT West CCT, Ch 0+270 to Ch 0+560 RC Works - Zone C (Ch 0+530 to Ch 0+394) Ch. 0+430 to Ch. 0+410. L=20 m HAT1612-2 HAT West C&CT(Zone C) - Wall & Roof - Formworks, rebars, concrete HAT West C&CT(Zone C) - Wall & Roof - Formworks, rebars, concrete HAT West C&CT(Zone C) - Wall & Root - Removal of formworks, waterproofing, backfilling works HAT1612-3 HAT West C&CT(Zone C) - Wall & Roof - Removal of formworks, waterproofing, backfiling works Ch. 0+490 to Ch. 0+470, L=20 m HAT1612-19 HAT West C&CT(Zone C) - Wall & Roof - Formworks, rebars, concrete HAT West C&CT(Zone C) - Wall & Roof - Formworks / rebars / concrete HAT West C&CT(Zone C) - Wall & Roof - Removal of formworks, water proofing, backfilling works HAT1612-29 HAT West C&CT(Zone C) - Wall & Roof - Removal of formworks, waterproofing, backfiling works Ch. 0+510 to Ch. 0+490, L=20 m HAT1612-39 HAT West C&CT(Zone C) - Base Slab - Waterproofing, formworks, rebars, concrete HAT West C&CT(Zone C) - Base Slab - Waterproofing, formworks, rebars, concrete HAT West C&CT(Zone C) - Wall & Roof - Formworks, rebars, concrete HAT1612-49 HAT West C&CT(Zone C) - Wall & Roof - Formworks, rebars, concrete HAT West C&CT Zone (2) - Wall & Roof - Removal of formworks waterproofing, backfilling works HAT1612-59 HAT West C&CT(Zone C) - Wall & Roof - Removal of formworks, waterproofing, backfilling works Ch. 0+530to Ch. 0+510, L=20 m HAT1612-69 HAT West C&CT(Zone C) - Base Slab - Waterproofing, formworks, rebars, concrete HAT West C&CT(Zone C) - Base Slab - Water proofing, formworks, rebars, concrete HAT1612-79 HAT West C&CT(Zone C) - Wall & Roof - Formworks, rebars, concrete HAT West C&CT(Zone C); Wall & Roof-Formworks, rebars, concrete HAT West; C&CT(Zone C) - Wall & Roof - Removal of formworks, waterproof HAT West C&CT(Zone C) - Wall & Roof - Removal of formworks, waterproofing, backfilling works HAT1612-89 Ch. 0+410 to Ch. 0+394, L=16 m HAT1612-99 HAT West C&CT(Zone C) - Base Slab - Waterproofing, formworks, rebars, concrete HAT West C&CT(Zone C) - Wall & Roof; Formworks, rebars, concrete HAT1612-109 HAT West C&CT(Zone C) - Wall & Roof - Formworks, rebars, concrete HAT West C&CT (Zone C) - Wall & Roof - Removal of formworks, waterproofing, backfilling works HAT1612-119 HAT West C&CT(Zone C) - Wall & Roof - Removal of formworks, waterproofing, backfilling works HAT West Ramp & Portal (Zone A, B1, B2 = 205m) under Stage 3 TTA HAT West Ramp - ELS (A, B1, B2), Part 5 = 85m, Cum. = 170m HAT1612-189 HAT West Ramp - ELS (A, B1, B2) , Part 5 = 35m , Cum. = 170m HAT1612-159 HAT West Ramp - ELS (A, B1, B2), Part 2 = 35m, Cum. = 70m HAT West Ramp - ELS (A, B1, B2) , Part 2 = 35m , Cum = 70m HAT West Ramp - ELS (A, B1, B2) , Part 3 = 30m , Cum. = 100m HAT1612-169 HAT West Ramp - ELS (A, B1, B2), Part 3 = 30m, Cum. = 100m HAT1612-199 HAT West Ramp - ELS (A, B1, B2) , Part 6 = 35m , Cum. = 205m HAT West Ramp - ELS (A, B1, B2) , Part 6 = 35m, Cum = 205m Mined Tunnel for HAT underneath AEL & at East Coast Road [198m-Drill & Break)(Ch0+557 to Ch0+756] **HAT Mined Tunnel Works** Drive from Zone D: HAT Tunnel Excavation - Heading(1st half & 2nd half) HAT2015-522 HAT MT heading- Excavation (drill & break), next 2m(@4d/m cycle), Cum. Total L = 49m/49m Drive from Zone D: HAT Tunnel Excavation - Bench(1st half & 2nd half) HAT2080 HAT MT Bench Excavation (drill & break), next 8m(@3d/m cycle), Cum. Total L = 20m/79m HAT2090 HAT MT Bench Excavation (drill & break), next 8m(@3d/m cycle), Cum. Total L = 24m/79m HAT3730 HAT MT Bench Excavation (drill & break), next 8m(@3d/m cycle), Cum. Total L = 28m/79m HAT3740 HAT MT Bench Excavation (drill & break), next 8m(@3d/m cycle), Cum. Total L = 32m/79m HAT3880 HAT MT Bench Excavation (drill & break), next 8m(@3d/m/cycle), Cum. Total L = 46m/79m HAT MT Bench Excavation (drill & break), next 8m(@3d/m cycle), Cum. Total L = 46m/79m HAT MT Bench Excavation (drill & break), next 8m(@3d/m cycle), Cum. Total L = 54m/79m HAT3890 HAT MIT Bench Excavation (drill & break), next 8m (@3d/m cycle), Cum. Total L = 54m/79m HAT MT Bench Excavation (drill & break), next 8m(@3d/m cycle), Cum. Total L = 62m/79m HAT3900 HAT MT Bench Excavation (drill & break), next 8m(@3d/m cycle), Cum. Total L = 62m/79m HAT MT Bench Excavation (drill & break), next 8m(@3d/m/cycle), Cum. Total L = 70m/79m HAT3910 HAT MT Bench Excavation (drill & break), next 8m(@3d/m cycle), Cum. Total L = 70m/79m HAT MT Bench Excavation (drill & break), next 8m(@3d/m cycle), Cum. Total L = 79-m/79m HAT3920 HAT MT Bench Excavation (drill & break), next 8m(@3d/m cycle), Cum. Total L = 79-m/79m Lining - Base Slab (From Shaft 4) HAT MT @ AEL base slab, Bay 7 [20m] - Water proofing, rebar fixing, formworks, concreting - 140/198m HAT3770 HAT MT dAEL base slab, Bay 8 [20m] - Water proding, rebar fixing, formworks, concreting - 160/198m HAT3780 HAT MT @ AEL base slab, Bay 8 [20m] - Waterproofing, rebar fixing, formworks, concreting - 160/198m HAT MT @ AEL base slab, Bay 9 [20m] - Water proofing, rebar fixing, formworks, concreting - 180/198m HAT3790 HAT MT @ AEL base slab, Bay 9 [20m] - Waterproofing, rebar fixing, formworks, concreting - 180/198m HAT3800 HAT MT @ AEL base slab, Bay 10 [20m] - Waterproofing, rebar fixing, formworks, concreting - 198/198m HAT MT @ AEL base slab Bay 10 [20m] - Wate proofing, rebar fixing, formworks, concreting - 198/198m Arch Lining (10m/bay) (From Shaft 4) HAT2250 HAT MT @ AEL lining Waterproofing, rebar fixing, formworks, concreting - Bay 10,11 & 12 (18m), 72/198m HAT3820 HAT MT @ AEL lining Waterproofing, rebar fixing, formworks, concreting - Bay 13, 14 & 15 (18m), 90/198m 😑 HAT MT @ AEL lining Waterproofing, tebar fixing, formworks, concreting - Bay 13,14 & 15 (18m), 90/198m HAT3830 $HAT\ MT\ @\ AEL\ lining\ Waterpro\ of ling,\ rebar\ fixing,\ formworks,\ concreting\ -\ Bay\ 16,17\ \&\ 18\ (18m),\ 108/198m$ 💳 HAT MT @ AEL lining Waterproofing, rebar fixing, formworks, concreting - Bay 16,17 & 18 (18m), 108/198m HAT MT @ AEL lining Waterproofing, rebar fixing, formworks, concreting - Bay 19,20 & 21 (18m), 126/198m 📑 HAT MT @AEL lining Waterproofing, rebar fixing, formworks, concreting - Bay 19,20 & 21 (18m), 126/19\$n HAT3840 HAT3850 HAT MT @ AEL lining Waterproofing, rebar fixing, formworks, concreting - Bay 22,23 & 24 (18m), 144/198m 🗏 HAT MT @ AEL lining Waterpilo offing, rebar fixing, formworks, concreting - Bay 22,23 & 24 (18m), 144/198m 🗎 HAT MT @ AEL lining Waterproofing, rebar lixing, formworks, concreting - Bay 25,26 & 27 (18m), 162/198m HAT3860 HAT MT @ AEL lining Waterproofing, rebar fixing, formworks, concreting - Bay 25,26 & 27 (18m), 162/198m HAT MT @ AEL lining Waterproofing, rebar fixing, formworks, concreting - Bay 28,29 & 30 (18m), 180/198m 🖶 HAT MT @ AEL lining Waterproofing, rebar fixing, formworks, concreting - Bay 28,29 & 30 (18m), 180 HAT3870 HAT MT @AEL liping Waterproofing, repartiving, formworks, concreting - Bay 32, 32, & 33 (18 HAT3930 HAT MT @ AEL lining Waterproofing, rebar fixing, formworks, concreting - Bay 32,32 & 33 (18m), 198/198m HAT MT @AEL lining - Dismantle lining shutter HAT MT @ AEL lining - Dismantle lining shutter HAT2260 **Box Culvert Extension to Outfall PR9 & PR14** Box Culvert Ext. to New Outfall PR14 (North Area, Bay N1 to N-13) PR14 North Area - Base Slab (blinding, formwork, rebars, concrete),11/13 bays BC1160-14 BC1160-15 PR14 North Area - Wall & roof slab (formwork, rebars, shuttering wall, concrete), 11/13 bays Leri4 North Area - Wall & roof slab (formwork, rebars, shuttering wall, concrete), 11/13 bays PR14 North Area - Base Slab (blinding, formwork, rebars, concrete),13/13 bays 2. PR14 North Area: Base Slab (blinding, formwork, rebars, concrete),13/13 bays BC1160-36 PR14 North Area: Wall & roof slab (formwork, rebars, shuttering wall, concrete), 13/13 bays PR14 North Area - Wall & roof slab (formwork, rebars, shuttering wall, concrete), 13/13 bays BC1160-46 BC1160-236 PR14 North Area - Connection to exiting outfall PR14 North Area - Connection to exiting outfall BC1160-56 PR14 North Area - Connection point (13/13 bays): Re-connection to existing PR14 North Area - Connection point (13/13 bays); Re-connection to existing BC1160-266 PR14 North Area - Backfilling, 13/13 bays PR14 North Area - Backfilling, 13/13 bays Security Fence CH 15+050 to CH 15+500, Length = 450 m. LR.2010-013 Security Fence - Footing (bottom & upper part), Formworks, rebars, concrete - 200/300 nos Security Fence - Footing (bottom & upper part), Formworks, rebars, concrete - 200/300 nos Security Fence - Excavation, backfilling to formation & compaction 250/300 nps. LR.2010-006 Security Fence - Excavation, backfilling to formation & compaction 250/300 nos Security Fence - Fence installation & fixing, 300/900 m. Security Fence - Fence installation & fixing, 300/900 m LR.2010-035 Security Fence - Fence installation & fixing, 450/900 m. LR.2010-045 Security Fence - Fence installation & fixing, 450/900 m Security Fence - Footing (bottom & upper part), Formworks, rebars, concrete - 250/1,420 nos Security Fence - Footing (bottom & upper part), Formworks, rebars, concrete - 250/1,420 nos LR.2010-014 Security Fence - Excavation, backfilling to formation & compaction 300/300 nos Security Fence - Excavation, backfilling to formation & compaction 300/300 nos LR.2010-115 Security Fence - Fence installation & fixing, 600/900 m. LR.2010-065 Security Fence - Fence installation & fixing, 600/900 m. Security Fence - Footing (bottom & upper part), Formworks, rebars, concrete - 300/300 nos. Security Fence - Footing (bottom & upper part), Formworks, rebars, concrete, 300/\$00 nos. LR.2010-015 Security Fence - Fence installation & fixing, 750/900 m. Security Fence - Fence installation & fixing, 750/900 m. LR.2010-075 Security Fence - Fence installation & fixing, 900/900 m. LR.2010-085 Security Fence - Fence installation & fixing, 900/900 m WORKS IN NORTH AREA - CH 15+500 to CH 16+223 (HKLR AT GRADE & ROADWORKS) Reclamation SWCH 1+400 to SWCH 1+830 (incl. Approach Lights Area, 430m Approx.) Reclamation SWCH 1+400 to SWCH 1+590)(incl. PR09 Temp. Diversion Area) Reclamation SWCH 1+400 to 1+500 (PR09 Temp. Diversion) Seawall Construction (Except Portion C & D) CH 1+400 to CH 1+850) SWCH 1+400 to SWCH 1+500 North Area (except Portion C&D)- Seawall, Trimming & Laying Geotextile along seawall line North Area (except Portion C&D); Seawall, Trimming & Laying Geotextile along seawall, line RSC1171 RSC1181 North Area (except Portion C&D) - Seawall, Rockfill Core North Area (except Portion C&D) - Seawall, Rockfill Core North Area (except Portion C&D) - Seawall, Underlayer Rock RSC1191 North Area (except Portion C&D) - Seawall, Underlayer Rock RSC1121 North Area (except Portion C&D) - Seawall, Rock armour (1st layer) North Area (except Portion C&D) - Seawall, Rock armour (1st layer) Toe Loading Platform (for Seawall & Reclamation) North Area (except Portion C&D)s - Toe Loading Platform, 1st Stage (Ch. 1+600 to 1+750) SWTL -120 North Area (except Portion C&D)s; Toe Loading Platform, 1st Stage (Ch. 1+600 to 1+750) SWTL -220 North Area (except Portion C&D)s - Toe Loading Platform, 2nd Stage (Ch. 1+600 to 1+750) North Area(except Portion C&D)s - Toe Loading Platform, 2nd Stage (Ch. 1+

3M63 (Rev.00) 9 of 9		ramme (ER Part 5 & SCC 017 to Oct 2017)	27(9))	Layout HZMB - (3M63 Rolling Pro
ID Activity I	/ Name	July 09 1	3 23 30 06	2017 August September October 1 13 20 27 03 10 17 24 01 08 15 22 25
A237974 M008:U	Underground utilities (watermain, CLP), 1st 50m Underground utilities (watermain, CLP), 2nd 50m		M008:U	Inderground utilities (watermain, CLP), 1st 50m M008:Underground utilities (watermain, CLP), 2nd 50m
A237994 M008:U	Underground utilities (watermain, CLP) 3rd 50m Underground utilities (watermain, CLP) 4th 50m			M008:Underground utilities (watermain, CLP) 3rd 50rh M008:Underground utilities (watermain, CLP)
A238004 M008:U Roadworks	Underground utilities (watermain, CLP) 5th 50m			Muoon Stunderground 1
A4380 M008: 1 Construct M007 Ch. 0+100 to Ch.	1st Half: Road formation, subbase, road base and precast kerbs, road lighting poles, 1st pa 0+483), L=383m	rt		
	1st Half: Drainage works +Underground utilities (watermain), 2nd 50m		M007: 1st Half: Drainage w	Norks +Underground utilities (watermain), 2nd 50m
A4730 M007: 1 A4900 M007: 1	1st Half: Drainage works +Underground utilities (watermain), 3rd 50m 1st Half: Drainage works +Underground utilities (watermain,), 4th 50m			1007: 1st Half: Drainage works +Underground utilities (watermain), 3rd 50m 1007: 1st Half: Drainage works +Underground utilities (watermain), 4th 50m
onstruct Remaining M009 and M0				
Construct M009 Ch 0+700 to Ch 1-				
A238054 M009: [Drainage works 60m/350m Drainage works 120m/350m Drainage works 180m/350m			M009: Drainage works 60m/350m M009: Drainage works 120m/350m
A238074 M009: [Drainage works 240m/350m Drainage works 300m/350m			M009: Drainage works 180m/350m M009: Drainage works 240m/350m M009: Drainage works 300m
	Drainage works 350m/350m			MOO9: DI
	Drainage works 350m/365m		M009: Drainage w	yorks 350m/365m
Construct M010 Ch 0+700 to Ch 1	1+415, L= 715m			
A238164 M010: [Drainage works + Underground utilities (watermain, TCSS, telecoms, etc) 175m/715m Drainage works + Underground utilities (watermain, TCSS, telecoms, etc) 350m/715m Drainage works + Underground utilities (watermain, TCSS, telecoms, etc) 350m/715m			
A238194 M010: [Drainage works + Underground utilities (watermain, TCSS, telecoms, etc) 525m/715m Drainage works + Underground utilities (watermain, TCSS, telecoms, etc) 500m/715m Drainage works + Underground utilities (watermain, TCSS, telecoms, etc) 600m/715m	[-		derground utilities (watermain, TCSS, telecoms, etc) 500m/715m nage works + Underground utilities (watermain, TCSS, telecoms, etc) 600m/715m
A239294 M010: I A4760 M010: F	Drainage works + Underground utilities (watermain, TCSS, telecoms, etc) 700m/715m Road formation, subbase, road base and precast kerbs, road lighting poles, 175m/715			M010: Drainage works + Underground utilities (watermain, TCSS, telecoms, etc.) 700m/715m M010: Road formation, subbase, toad base and precast kerbs, road lighting
A4820 M010: F	Road formation, subbase, road base and precast kerbs, road lighting poles, 350m/715 Road formation, subbase, road base and precast kerbs, road lighting poles, 5255m/715 Road formation, subbase, road base and precast kerbs, road lighting poles, 715m/715			M010: Road formation, subblase, road base and pre- M010: Road formation,
IVIO IO.	,, rodu succession product notice, rodu lighting poles, r tollirr to		x / / X / / / / / / / / / / / / / / / /	ALLILINITITI