

Russell Offices R1-5-A019 Department of Defence CANBERRA ACT 2600 Tel: 02 6265 4414 Fax: 02 6265 2923

19 June 2007

Dr Kris Veenstra Secretary Joint Committee of Public Accounts and Audit Parliament House CANBERRA ACT 2600

Fri

Dear Dr Veenstra

I am pleased to enclose responses to questions on notice from the 1 March 2007 hearing into Financial Management and Equipment Acquisition at Defence and the DMO. These responses have been cleared by the Minister for Defence.

If you have any questions or concerns, please contact Ms Sarah Tink, A/g Director Statutory Reporting and Accountability, on (02) 6265 6277.

Yours sincerely

Tony Corcoran Assistant Secretary Ministerial and Executive Support Coordination and Public Affairs Division Tel: (02) 6265 4414

Joint Committee on Public Accounts and Audit

Inquiry into Financial Management and Equipment Acquisition at Defence and the DMO

Hearing 1 March 2007 – Responses to Questions taken on Notice

Question 1

ARH

Dr Jensen, Hansard 1 March 2007, p. 6

Could you provide the Committee with a list of variations to the Armed Reconnaissance Helicopter contract after the initial contract was signed?

RESPONSE

Table 1.A, Acquisition Contract Change Proposals (All) details the variations to the Armed Reconnaissance Helicopter Acquisition contract since the contract was signed. Table 1.B, Through Life Support Change Proposals (All), provides similar details for the Through Life Support Contract. In total there have been 73 changes to the acquisition contract and seven changes to the Through Life Support Contract approved by the Commonwealth after the initial contract was signed. Eighty-two per cent of the agreed changes are administrative in nature and incurred no cost. All cost increases have been within Project Approval and are addressed in the response to Question 2.

Table 1.A - ACQUISITION CONTRACT CHANGE PROPOSALS (ALL)	Initiated	Approved	Cost
EWMSS (OPS) Operating System Change from Windows 2000 to Windows XP	AA	No	\$164,888
Provision of Digital High Speed Cameras for the IARH (under review)	AA	No	\$191,040
Provision of Video Telemetry capability for the IARH (under review)	AA	No	\$344,802
Digital High Speed Camera Interface for the IARH (under review)	AA	No	\$483,152
Provision of a Differential GPS System for the IARH (under review)	AA	No	\$661,276
Interface between JEWD and the EWMSS Component	AA	No	\$1,613,298
Approved S&TE PL2	AA	No	\$15,000,000
Approved Provisioning Spares List RPSL 3-1	AA	No	\$57,000,000
CMP Delivery Schedule	AA	No	No
CM-001 Delivery Schedule	AA	No	No
CDRL - Configuration Management CDRs	AA	No	No
Shift in Milestone 73	AA	No	No
Contract Change Associated with Payment of Incentives	AA	No	No
Change of IARH Serial Number from ARH 11 to ARH 1	AA	No	No
ATD Rotor Blade Malfunctions	AA	No	No
ATD Blown Tyre Effects Changes	AA	No	No
Update of United States PV Indices (under review)	AA	No	No
Amendment Required to Intellectual Property Records Attachment Q Annex A CDR(ACQ)-COM- 004 (under review)	AA	No	No
Virtual Avionics System Trainer and Mechanical System Trainer	СоА	No	No
Formal Qualification Review	CoA	No	No

Declassification1 CoA No No Visual Database Operational Area CoA No No No Low Fidelity Areas CoA No No No Visual Database Simple Airfield Simulation CoA No No Admin Changes to ATD Spec CoA No No Admin Changes to ATD Spec CoA No No CME Power Options AA Yes \$229,596 EVMSS (OPS) RLM Library Generation AA Yes \$3,246,000 Approved RPSL 2B AA Yes \$3,264,001 Enhanced ARH FFMS FoV & FFMS-BC Motion AA Yes \$3,700,000 UET Functional Specification Change CoA Yes \$70,000 UET Functional Specification Change CoA Yes \$883,377 Aeronautical Data CoA Yes \$217,503 GME Hardware List CoA Yes \$17,600 Gockwell Colins removal from Norminated Sub CoA Yes No Charados Eubstontractors names <	GME #10 MIL-STD-2525B	CoA	No	No
Visual Database Operational Area CoA No No Low Fidelity Areas CoA No No Visual Database Simple Alrifield Simulation CoA No No Admin Changes to ATD Spec CoA No No Army Pilot Continuum AA Yes \$229.596 EWMSS (OPS) RLM Library Generation AA Yes \$2245.081 Enhanced ARH FEMS FoV & FFMS-BC Motion AA Yes \$37.486.683 Ground Communications Suite Courseware CoA Yes \$27.486.683 Development CoA Yes \$917.500 GME Hardware List CoA Yes \$27.78.534 GME Video Replay CoA Yes \$4.917.946 Rockwell Collins removal from Nominated Sub AA Yes No Change to Subcontractors names AA Yes No Change to Subcontractors names AA Yes No Change to Sub				
Low Fidelity Areas CoA No No Visual Database Simple Airfield Simulation CoA No No Admin Changes to ATD Spec CoA No No Admin Changes to ATD Spec CoA No No Admin Changes to ATD Spec CoA No No GME Power Options AA Yes \$229,596 Sand Fitters for ARH AA Yes \$2,33,880 Highlight frightness AA Yes \$3,246,001 Approved RPSL 2B AA Yes \$3,246,001 Enhanced ARH FFMS FoV & FFMS-BC Motion AA Yes \$3,246,001 Envalued Communications Suite Courseware CoA Yes \$7,486,683 Ground Communications Suite Courseware CoA Yes \$237,852 Introduction of the new crypto component source for CoA Yes \$227,8534 GME Video Replay CoA Yes \$27,78,534 GME Video Substances and Ozone Depleting AA Yes No Auzardous Substances and Ozone Depleting AA Yes No Substances AA Yes No Creation of CDR EM-087 AA Yes OCreation of CDR EM-087 AA Yes No <				······································
Visual Database Simple Airfield Simulation CoA No No Admin Changes to ATD Spec CoA No No Army Pilot Continuum AA Yes \$229,596 EVMISS (OPS) RLM Library Generation AA Yes \$865,894 GME Power Options AA Yes \$229,596 EMMSS (OPS) RLM Library Generation AA Yes \$22,33,880 GME Power Options AA Yes \$3,264,001 Approved RPSL 2B AA Yes \$3,264,001 Enhanced ARH FFMS FoV & FFMS-BC Motion AA Yes \$3,264,001 Ground Communications Suite Courseware CoA Yes \$7,486,683 Ground Communications Suite Courseware CoA Yes \$237,852 Introduction of the new crypto component source for CoA Yes \$2178,534 GME Video Replay CoA Yes \$21,785,534 GME Video Replay CoA Yes \$21,786,534 GME Video Replay CoA Yes No Rockwell Collins removal from Nominated Sub AA Yes No Charge to Subcontractors names AA Yes No Charge to Subcontractors names AA Yes No Charge t				
Admin Changes to ATD Spec CoA No No Army Pilot Continuum AA Yes \$229,596 EVMMSS (OPS) RLM Library Generation AA Yes \$2665,894 GME Power Options AA Yes \$277,238 Sand Filters for ARH AA Yes \$23,346,000 Approved RPSL 2B AA Yes \$3,246,000 Approved RPSL 2B AA Yes \$3,246,001 Enhanced ARH FFMS Fov & FFMS-BC Motion AA Yes \$37,486,683 Ground Communications Suite Courseware CoA Yes \$70,000 UET Functional Specification Change CoA Yes \$237,852 Introduction of the new crypto component source for CoA Yes \$217,500 GME Video Replay CoA Yes \$217,500 GME Video Replay CoA Yes \$4917,946 Rockwell Collins removal from Nominated Sub AA Yes No Hazardous Substances and Ozone Depleting AA Yes No Creation of DR EM-087 AA Yes No Creation of CDR EM-087 AA Yes No Creation of CDR EM-087 AA Yes No Creation of CDR EM-087 AA				
Army Piot ContinuumAAYes\$229,996EWMSS (OPS) RLM Library GenerationAAYes\$666,894GME Power OptionsAAYes\$5707,238Sand Filters for ARHAAYes\$2,33,880Highlight BrightnessAAYes\$3,264,000Approved RPSL 2BAAYes\$3,264,000Conum Communications Suite CoursewereCoAYes\$7,466,683Ground Communications Suite CoursewereCoAYes\$227,7852Introduction of the new crypto component source forCoAYes\$283,777Aeronautical DataCoAYes\$22,778,534GME Hardware ListCoAYes\$4,917,946Rockwell Collins removal from Nominated SubAAYesNoCharget of Repair Analysis (LORA) - CDR(ACQ)-ILS-AAYesNoCostact ListAAYesNoHazardous Substances and Ozone DepletingAAYesNoConage to Subcontractors namesAAYesNoChanget to Subcontractors namesAAYesNoADAASS COR(ACQ)-ILS-014AAYesNoAGM SUBSYS DISP ACQUISITAAYesNoAAYesNoCharge to Verification method of ARH-TIGERAAYesNoFF Auxillary CPAAYesNoEverel UpingAAYesNoIFF Auxillary CPAAYesNoEverel Of Repair Analysis (LORA) - CDR(ACQ)-ILS-AA<				
EVMNSS (OPS) RLM Library Generation AA Yes \$666,894 GME Power Options AA Yes \$770,239 Sand Fitters for ARH AA Yes \$2,333,880 Highlight Brightness AA Yes \$3,246,000 Approved RPSL 2B AA Yes \$3,246,001 Enhanced ARH FFMS FoV & FFMS-BC Motion AA Yes \$3,7486,683 Ground Communications Suite Courseware CoA Yes \$237,852 Introduction of the new crypto component source for GPS receiver CoA Yes \$8683,377 Aeronautical Data CoA Yes \$2,778,534 GME Video Replay CoA Yes \$4,778,534 Rockwell Collins removal from Nominated Sub AA Yes No Hazardous Substances and Ozone Depleting AA Yes No Chreation of CDR EM-087 AA Yes No Chrage to Subcontractors names AA Yes No Chrage to Subcontractors names AA Yes No Chrage to CDR EM-087		+		
CME Power Options AA Yes \$77,238 Sand Filters for ARH AA Yes \$\$2,333,880 Highlight Enghtness AA Yes \$\$3,246,000 Approved RPSL 2B AA Yes \$\$3,264,081 Enhanced ARH FFMS FoV & FFMS-BC Motion AA Yes \$\$7,486,683 Ground Communications Suite Courseware CoA Yes \$\$70,000 UET Functional Specification Change CoA Yes \$\$237,852 Introduction of the new crypto component source for CoA Yes \$\$217,853 GME Hardware List CoA Yes \$\$2,778,634 Gockwell Collins removal from Nominated Sub AA Yes No Hazardous Substances and Ozone Depleting AA Yes No Change to Subcontractors names AA Yes No Change to Havellary CP <td></td> <td></td> <td></td> <td></td>				
Sand Fitters for ARHAAYes\$2,33,880Highlight BrightnessAAYes\$3,264,000Approved RPSL 2BAAYes\$3,264,001Enhanced ARH FFMS FoV & FFMS-BC MotionAAYes\$7,486,683Ground Communications Suite CoursewareCoAYes\$70,000UET Functional Specification ChangeCoAYes\$237,852Introduction of the new crypto component source for GPS receiverCoAYes\$683,377Aeronautical DataCoAYes\$2,778,634GME Hardware ListCoAYes\$2,778,634Gokevell Collins removal from Nominated Sub Contractor ListAAYesNoHazardous Substances and Ozone Depleting SubstancesAAYesNoCreation of CDR EM-087AAYesNoCreation of CDR EM-087AAYesNoDASS CDR(ACQ)-ILS-014AAYesNoIFF Auxiliary CPAAYesNoExternal LightsAAYesNoAGM SUBSYS DISP ACQUISITAAYesNoHaranonised Verification method of ARH-TIGERAAYesNoAPresentation of the imageryAAYesNoAAYesNo </td <td></td> <td></td> <td></td> <td></td>				
Highlight Brightness AA Yes \$3,246,000 Approved RPSL 2B AA Yes \$3,246,001 Enhanced ARH FFMS FoV & FFMS-BC Motion AA Yes \$3,748,683 Ground Communications Suite Courseware CoA Yes \$70,000 Deter Functional Specification Change CoA Yes \$237,852 Introduction of the new crypto component source for GPS receiver CoA Yes \$817,500 GME Hardware List CoA Yes \$2,778,534 GME Video Replay CoA Yes \$17,500 GME Hardware List CoA Yes \$4,917,946 Rockwell Collins removal from Nominated Sub AA Yes No Charge to Subcontractors names AA Yes No Level Of Repair Analysis (LORA) - CDR(ACQ)-ILS- 003 AA Yes No Coharge to Subcontractors names AA Yes No Charge to Subcontractors names AA Yes No Cotal CIP CLACQ)-ILS-014 AA Yes No EVEN Threat Display AA Yes No EVEN Threat Display AA Yes No EVEN Threat Display AA Yes No EVEN Startactors names				
Approved RPSL 2B AA Yes \$3.264,081 Enhanced ARH FFMS FoV & FFMS-BC Motion AA Yes \$7.486,683 Ground Communications Suite Courseware CoA Yes \$70,000 UET Functional Specification Change CoA Yes \$237,852 Introduction of the new crypto component source for GPS receiver CoA Yes \$683,377 Aeronautical Data CoA Yes \$217,852 GME Hardware List CoA Yes \$22,778,634 Gokevell Collins removal from Nominated Sub CoA Yes No Hazardous Substances and Ozone Depleting AA Yes No Level Of Repair Analysis (LORA) - CDR(ACQ)-ILS- AA Yes No Change to Subcontractors names AA Yes No Creation of CDR EM-087 AA Yes No Creation of CDR EM-087 AA Yes No External Lights AA Yes No External Lights AA Yes No Add SUBSYS DISP ACQUISIT AA Yes No FF auxiliary CP AA Yes No External Lights AA Yes No Admonosed Verification method of ARH-TIGER AA		4		
Enhanced ARH FFMS FoV & FFMS-BC Motion AA Yes \$7,486,683 Ground Communications Suite Courseware Development CoA Yes \$70,000 UET Functional Specification Change CoA Yes \$237,852 Introduction of the new crypto component source for GPS receiver CoA Yes \$683,377 Aeronautical Data CoA Yes \$217,854 GME Video Replay CoA Yes \$21,778,534 Rockwell Collins removal from Nominated Sub Contractor List AA Yes No Hazadous Substances and Ozone Depleting Substances AA Yes No Change to Subcontractors names AA Yes No Change to Subcontractors names AA Yes No Creation of CDR EM-087 AA Yes No Change to Subcontractors names AA Yes No IFF Auxillary CP AA Yes No External Lights AA Yes No AGM SUBSY DISP ACQUISIT AA Yes No HFF Auxillary CP AA Yes No Presentation of the				
Ground Communications Suite Courseware DevelopmentCoAYes\$70,000UET Functional Specification ChangeCoAYes\$237,852Introduction of the new crypto component source for GPS receiverCoAYes\$683,377Aeronautical DataCoAYes\$917,500GME Hardware ListCoAYes\$917,500GME Hardware ListCoAYes\$4,917,946Rockwell Collins removal from Norninated Sub Contractor ListAAYesNoHazardous Substances and Ozone Depleting SubstancesAAYesNoCreation of CDR Repair Analysis (LORA) - CDR(ACQ)-ILS- 003AAYesNoCreation of CDR EM-087AAYesNoADAASS CDR(ACQ)-ILS-014AAYesNoIFF Auxillary CPAAYesNoEWS Threat DisplayAAYesNoEWS Threat DisplayAAYesNoExternal LightsAAYesNoAGM SUBSYS DISP ACQUISITAAYesNoAA Payment Milestone ScheduleAAYesNoIP Deed UpdateAAYesNoChange of HERP Standard for GCSAAYesNoChange of HERP Standard for GCSAAYesNoTD ScleanupAAYesNoContactor, Armentine Raze, Fog & StormAAYesNoChange of HERP Standard for GCSAAYesNoChange of HERP Standard for GCSAAYesNo <t< td=""><td></td><td></td><td></td><td>······································</td></t<>				······································
DevelopmentCoAYes\$70,000UET Functional Specification ChangeCoAYes\$237,852Introduction of the new crypto component source for GPS receiverCoAYes\$893,377Aeronautical DataCoAYes\$917,500GME Hardware ListCoAYes\$2,778,534GME Video ReplayCoAYes\$2,778,534GME Video ReplayCoAYes\$4,917,946Rockwell Collins removal from Nominated Sub Contractor ListAAYesNoHazardous Substances and Ozone Depleting SubstancesAAYesNoChange to Subcontractors namesAAYesNoChradtor CDR Eth-087AAYesNoADAASS CDR(ACQ)-ILS-014AAYesNoExternal LightsAAYesNoAGM SUBSYS DISP ACQUISITAAYesNoAGM SUBSYS DISP ACQUISITAAYesNoAParent Milestone ScheduleAAYesNoIP Deed UpdateAAYesNoChange of HERP Standard for GCSAAYesNoChange of HERP Standard for GCS<		<u>^</u>	165	\$7,400,003
Introduction of the new crypto component source for GPS receiver CoA Yes \$683,377 Aeronautical Data CoA Yes \$917,500 GME Hardware List CoA Yes \$2,778,534 GME Video Replay CoA Yes \$2,778,534 GME Video Replay CoA Yes \$4,917,946 Rockwell Collins removal from Nominated Sub AA Yes No Hazardous Substances and Ozone Depleting Substances AA Yes No Level Of Repair Analysis (LORA) - CDR(ACQ)-ILS- 003 AA Yes No Change to Subcontractors names AA Yes No Creation of CDR EM-087 AA Yes No ADAASS CDR(ACQ)-ILS-014 AA Yes No EVX5 Threat Display AA Yes No EXternal Lights AA Yes No AGM SUBSYS DISP ACQUISIT AA Yes No AGM SUBSYS DISP ACQUISIT AA Yes No APayment Milestone Schedule AA Yes	Development			·
GPS receiver CoA Yes \$400,377 Aeronautical Data CoA Yes \$917,500 Aeronautical Data CoA Yes \$2,778,534 GME Hardware List CoA Yes \$2,778,534 GME Video Replay CoA Yes \$24,917,946 Rockwell Collins removal from Nominated Sub AA Yes No Hazardous Substances and Ozone Depleting AA Yes No Substances AA Yes No Level Of Repair Analysis (LORA) - CDR(ACQ)-ILS- AA Yes No O3 Change to Subcontractors names AA Yes No Change to Subcontractors names AA Yes No Creation of CDR EM-087 AA Yes No IFF Auxiliary CP AA Yes No External Lights AA Yes No AGM SUBSYS DISP ACQUISIT AA Yes No Presentation of the imagery AA Yes No Presentation of the imagery AA Yes No Harmonised Verification method of ARH-TIGER AA Yes No IP Deed Update AA Yes No TDFS Cleaup <		CoA	Yes	\$237,852
GME Hardware ListCoAYes\$2,778,534GME Video ReplayCoAYes\$4,917,946Rockwell Collins removal from Nominated Sub Contractor ListAAYesNoHazardous Substances and Ozone Depleting SubstancesAAYesNoLevel Of Repair Analysis (LORA) - CDR(ACQ)-ILS- 003AAYesNoChange to Subcontractors namesAAYesNoChange to Subcontractors namesAAYesNoDADASS CDR(ACQ)-ILS-014AAYesNoIFF Auxiliary CPAAYesNoExternal LightsAAYesNoAGM SUBSYS DISP ACQUISITAAYesNoPresentation of the imageryAAYesNoPresentation ModeAAYesNoAPayment Milestone ScheduleAAYesNoIP Deed UpdateAAYesNoChange of HERP Standard for GCSAAYesNoTDFS CleanupAAYesNoSimulationAAYesNoSea state and ship modellingAAYesNoSimulationAAYesNoChange of HERP Standard for GCSAAYesNoSimulationAAYesNoNoSea state and ship modellingAAYesNoSimulationAAYesNoSimulationAAYesNoChange of HERP Standard for GCSAAYesNoSimulatio		CoA	Yes	\$683,377
GME Video ReplayCoAYes\$4,917,946Rockwell Collins removal from Nominated Sub Contractor ListAAYesNoHazardous Substances and Ozone Depleting SubstancesAAYesNoLevel Of Repair Analysis (LORA) - CDR(ACQ)-ILS- 003AAYesNoChange to Subcontractors namesAAYesNoChange to Subcontractors namesAAYesNoDADASS CDR(ACQ)-ILS-014AAYesNoIFF Auxiliary CPAAYesNoEWS Threat DisplayAAYesNoEXternal LightsAAYesNoAGM SUBSYS DISP ACQUISITAAYesNoPresentation of the imageryAAYesNoHarmonised Verification method of ARH-TIGERAAYesNoIP Deed UpdateAAYesNoChange of HERP Standard for GCSAAYesNoChange of HERP Standard for GCSAAYesNoSimulationAAYesNoSimulation, Ammunition and fuel freezeAAYesNoSea state and ship modellingAAYesNoSimulation, Ammunition and fuel freezeAAYesNoSimulation, Ammunition and fuel freezeAAYesNoSimulationAYesNoSimulationAYesNoSimulationAYesNoGTD CDR Milestone 42AAYesNo <td>Aeronautical Data</td> <td>CoA</td> <td>Yes</td> <td>\$917,500</td>	Aeronautical Data	CoA	Yes	\$917,500
Rockwell Collins removal from Nominated Sub Contractor ListAAYesNoHazardous Substances and Ozone Depleting SubstancesAAYesNoLevel Of Repair Analysis (LORA) - CDR(ACQ)-ILS- 003AAYesNoChange to Subcontractors namesAAYesNoCreation of CDR EM-087AAYesNoADAASS CDR(ACQ)-ILS-014AAYesNoIFF Auxiliary CPAAYesNoEWS Threat DisplayAAYesNoExternal LightsAAYesNoAGM SUBSYS DISP ACQUISITAAYesNoHarmonised Verification method of ARH-TIGERAAYesNoAA PesNoAAYesNoSimulation ModeAAYesNoAAAA PesNoAAYesNoIP Deed UpdateAAYesNoAAChange of HERP Standard for GCSAAYesNoSimulationAAYesNoAASimulationAAYesNoSea state and ship modellingAAYesNoSea state and ship modellingAAYesNoSplit of Payment Milestone 42AAYesNoSplit of Payment Milestone 42AAYesNoATD Visual Database ChangeAAYesNoClarification of Harmonised Verification Method of ARH-TigerAAYesNoChange of Data List Delivery RequirementsAAYes <td>GME Hardware List</td> <td>CoA</td> <td>Yes</td> <td>\$2,778,534</td>	GME Hardware List	CoA	Yes	\$2,778,534
Contractor ListAAYesNoHazardous Substances and Ozone Depleting SubstancesAAYesNoLevel Of Repair Analysis (LORA) - CDR(ACQ)-ILS- 003AAYesNoChange to Subcontractors namesAAYesNoCreation of CDR EM-087AAYesNoADAASS CDR(ACQ)-ILS-014AAYesNoIFF Auxiliary CPAAYesNoEWS Threat DisplayAAYesNoExternal LightsAAYesNoAGM SUBSYS DISP ACQUISITAAYesNoPresentation of the imageryAAYesNoHarmonised Verification method of ARH-TIGERAAYesNoAP ayment Milestone ScheduleAAYesNoIP Deed UpdateAAYesNoChange of HERP Standard for GCSAAYesNoSimulationAAYesNoSimulation, Ammunition and fuel freezeAAVisibility Requirements Haze, Fog & StormAAYesNoSimulation, Ammunition and fuel freezeAAYesNoSimulation, Ammunition and fuel freezeAAYesNoATD Visual Database ChangeAAYesNoAuthorised Data List Delivery RequirementsAAYesNoChange of HERP Strong Verification Method of ARH-TigerAAYesNoChange of HERP Standard for GCSAAYesNoChange of HERP Standard for GCSAAYesNo<	GME Video Replay	CoA	Yes	\$4,917,946
SubstancesAATesNoLevel Of Repair Analysis (LORA) - CDR(ACQ)-ILS- 003AAYesNoChange to Subcontractors namesAAYesNoCreation of CDR EM-087AAYesNoADAASS CDR(ACQ)-ILS-014AAYesNoIFF Auxiliary CPAAYesNoEWS Threat DisplayAAYesNoExternal LightsAAYesNoAGM SUBSYS DISP ACQUISITAAYesNoAGM SUBSYS DISP ACQUISITAAYesNoAGM SUBSYS DISP ACQUISITAAYesNoAAYesNoNoArmonised Verification method of ARH-TIGERAAYesNoIP Deed UpdateAAYesNoIP Deed UpdateAAYesNoChange of HERP Standard for GCSAAYesNoSimulationAAYesNoSimulationAAYesNoSimulationAAYesNoSimulationAAYesNoSimulationAAYesNoSimulationAAYesNoSimulationAAYesNoSimulationAAYesNoSimulationAAYesNoSimulationAAYesNoSimulationAAYesNoSimulationAAYesNoSimulationAAYesNoCost Performance Reporting C		AA	Yes	No
003AAYesNOChange to Subcontractors namesAAYesNoCreation of CDR EM-087AAYesNoADAASS CDR(ACQ)-ILS-014AAYesNoIFF Auxillary CPAAYesNoEWS Threat DisplayAAYesNoEvernal LightsAAYesNoAGM SUBSYS DISP ACQUISITAAYesNoPresentation of the imageryAAYesNoHarmonised Verification method of ARH-TIGERAAYesNoAPyment Milestone ScheduleAAYesNoIP Deed UpdateAAYesNoChange of HERP Standard for GCSAAYesNoTDFS CleanupAAYesNoSimulationAnd freezeAAYesNoSimulationAnd freezeAAYesNoSimulationand fuel freezeAAYesNoSimulationAnd freeseNoAAYesNoATD Visual Database ChangeAAYesNoATD Visual Database ChangeAAYesNoAuthorised Data List Delivery RequirementsAAYesNoClarification of Harmonised Verification Method of ARH-TigerAAYesNoArmendment of Ownership of Foreground Intellectual Property of GTDs from TT&S to AAAYesNoArmendment of Ownership of Foreground Intellectual Property of GTDs from TT&S to AAAYesNoArmendment of Cow		AA	Yes	No
Creation of CDR EM-087AAYesNoADAASS CDR(ACQ)-ILS-014AAYesNoIFF Auxiliary CPAAYesNoEWS Threat DisplayAAYesNoExternal LightsAAYesNoAGM SUBSYS DISP ACQUISITAAYesNoPresentation of the imageryAAYesNoHarmonised Verification method of ARH-TIGERAAYesNoAPayment Milestone ScheduleAAYesNoIP Deed UpdateAAYesNoChange of HERP Standard for GCSAAYesNoVisibility Requirements Haze, Fog & StormAAYesNoSimulationAAYesNoNoSimulationAAYesNoNoOtisbility Requirements Haze, Fog & StormAAYesNoSimulationAAYesNoNoSea state and ship modellingAAYesNoSplit of Payment Milestone 42AAYesNoATD Visual Database ChangeAAYesNoAuthorised Data List Delivery RequirementsAAYesNoClarification of Harmonised Verification Method of ARH-TigerAAYesNoGTD CDR Milestone Payment 27 SplitAAYesNoAmendment of Ownership of Foreground Intellectual Property of GTDs from TL&s to AAYesNoRemoval of "ADF TLS Measures in Place" in ISDAAYesNo		AA	Yes	No
Creation of CDR EM-087AAYesNoADAASS CDR(ACQ)-ILS-014AAYesNoIFF Auxiliary CPAAYesNoEWS Threat DisplayAAYesNoExternal LightsAAYesNoAGM SUBSYS DISP ACQUISITAAYesNoPresentation of the imageryAAYesNoHarmonised Verification method of ARH-TIGERAAYesNoAPayment Milestone ScheduleAAYesNoIP Deed UpdateAAYesNoChange of HERP Standard for GCSAAYesNoVisibility Requirements Haze, Fog & StormAAYesNoSimulationAAYesNoNoSimulationAAYesNoNoOtisbility Requirements Haze, Fog & StormAAYesNoSimulationAAYesNoNoSea state and ship modellingAAYesNoSplit of Payment Milestone 42AAYesNoATD Visual Database ChangeAAYesNoAuthorised Data List Delivery RequirementsAAYesNoClarification of Harmonised Verification Method of ARH-TigerAAYesNoGTD CDR Milestone Payment 27 SplitAAYesNoAmendment of Ownership of Foreground Intellectual Property of GTDs from TL&s to AAYesNoRemoval of "ADF TLS Measures in Place" in ISDAAYesNo	Change to Subcontractors names	AA	Yes	No
IFF Auxiliary CPAAYesNoEWS Threat DisplayAAYesNoExternal LightsAAYesNoAGM SUBSYS DISP ACQUISITAAYesNoPresentation of the imageryAAYesNoHarmonised Verification method of ARH-TIGERAAYesNoSimulation ModeAAYesNoAA Payment Milestone ScheduleAAYesNoIP Deed UpdateAAYesNoChange of HERP Standard for GCSAAYesNoTDFS CleanupAAYesNoVisibility Requirements Haze, Fog & StormAAYesNoSimulationAAYesNoSimulation, Ammunition and fuel freezeAAYesNoSimulation, Ammunition and fuel freezeAAYesNoSplit of Payment Milestone 42AAYesNoATD Visual Database ChangeAAYesNoAuthorised Data List Delivery RequirementsAAYesNoClarification of Harmonised Verification Method of ARH-TigerAAYesNoGTD CDR Milestone Payment 27 SplitAAYesNoAmendment of Ownership of Foreground Intellectual Property of GTDs from TT&S to AAYesNoRemoval of "ADF TLS Measures in Place" in ISDAAYesNo	Creation of CDR EM-087	AA	Yes	No
EWS Threat DisplayAAYesNoExternal LightsAAYesNoAGM SUBSYS DISP ACQUISITAAYesNoPresentation of the imageryAAYesNoHarmonised Verification method of ARH-TIGERAAYesNoSimulation ModeAAYesNoAPayment Milestone ScheduleAAYesNoIP Deed UpdateAAYesNoChange of HERP Standard for GCSAAYesNoTDFS CleanupAAYesNoVisibility Requirements Haze, Fog & StormAAYesNoSimulationAAYesNoSea state and ship modellingAAYesNoSimulation, Ammunition and fuel freezeAAYesNoSplit of Payment Milestone 42AAYesNoAttorised Data List Delivery RequirementsAAYesNoAuthorised Data List Delivery RequirementsAAYesNoClarification of Harmonised Verification Method of ARH-TigerAAYesNoGTD CDR Milestone Payment 27 SplitAAYesNoAmendment of Ownership of Foreground Intellectual Property of GTDs from TT&S to AAAAYesNoRemoval of "ADF TLS Measures in Place" in ISDAAYesNo	ADAASS CDR(ACQ)-ILS-014	AA	Yes	No
EWS Threat DisplayAAYesNoExternal LightsAAYesNoAGM SUBSYS DISP ACQUISITAAYesNoPresentation of the imageryAAYesNoHarmonised Verification method of ARH-TIGERAAYesNoSimulation ModeAAYesNoAPayment Milestone ScheduleAAYesNoIP Deed UpdateAAYesNoChange of HERP Standard for GCSAAYesNoTDFS CleanupAAYesNoVisibility Requirements Haze, Fog & StormAAYesNoSimulationAAYesNoSea state and ship modellingAAYesNoSimulation, Ammunition and fuel freezeAAYesNoSplit of Payment Milestone 42AAYesNoAttorised Data List Delivery RequirementsAAYesNoAuthorised Data List Delivery RequirementsAAYesNoClarification of Harmonised Verification Method of ARH-TigerAAYesNoGTD CDR Milestone Payment 27 SplitAAYesNoAmendment of Ownership of Foreground Intellectual Property of GTDs from TT&S to AAAAYesNoRemoval of "ADF TLS Measures in Place" in ISDAAYesNo	IFF Auxiliary CP	AA	Yes	No
External LightsAAYesNoAGM SUBSYS DISP ACQUISITAAYesNoPresentation of the imageryAAYesNoHarmonised Verification method of ARH-TIGERAAYesNoSimulation ModeAAYesNoAA Payment Milestone ScheduleAAYesNoIP Deed UpdateAAYesNoChange of HERP Standard for GCSAAYesNoTDFS CleanupAAYesNoVisibility Requirements Haze, Fog & StormAAYesNoSimulationAAYesNoSea state and ship modellingAAYesNoSimulation, Ammunition and fuel freezeAAYesNoSplit of Payment Milestone 42AAYesNoAttorised Data List Delivery RequirementsAAYesNoClarification of Harmonised Verification Method of ARH-TigerAAYesNoGTD CDR Milestone Payment 27 SplitAAYesNoAmendment of Ownership of Foreground Intellectual Property of GTDs from TT&S to AAYesNoRemoval of "ADF TLS Measures in Place" in ISDXaYanNo		AA	Yes	No
Presentation of the imageryAAYesNoHarmonised Verification method of ARH-TIGERAAYesNoSimulation ModeAAYesNoAA Payment Milestone ScheduleAAYesNoIP Deed UpdateAAYesNoChange of HERP Standard for GCSAAYesNoTDFS CleanupAAYesNoVisibility Requirements Haze, Fog & StormAAYesNoSimulationAAYesNoSea state and ship modellingAAYesNoSimulation, Ammunition and fuel freezeAAYesNoSplit of Payment Milestone 42AAYesNoATD Visual Database ChangeAAYesNoAuthorised Data List Delivery RequirementsAAYesNoClarification of Harmonised Verification Method of ARH-TigerAAYesNoGTD CDR Milestone Payment 27 SplitAAYesNoArendment of Ownership of Foreground Intellectual Property of GTDs from TT&S to AAAaYesNoRemoval of "ADF TLS Measures in Place" in ISDAaYesNo	External Lights	AA	Yes	No
Harmonised Verification method of ARH-TIGERAAYesNoSimulation ModeAAYesNoAA Payment Milestone ScheduleAAYesNoIP Deed UpdateAAYesNoChange of HERP Standard for GCSAAYesNoTDFS CleanupAAYesNoVisibility Requirements Haze, Fog & StormAAYesNoSimulationAAYesNoSea state and ship modellingAAYesNoSimulation, Ammunition and fuel freezeAAYesNoSplit of Payment Milestone 42AAYesNoATD Visual Database ChangeAAYesNoAuthorised Data List Delivery RequirementsAAYesNoClarification of Harmonised Verification Method of ARH-TigerAAYesNoGTD CDR Milestone Payment 27 SplitAAYesNoAmendment of Ownership of Foreground Intellectual Property of GTDs from TT&S to AAAAYesNoRemoval of "ADF TLS Measures in Place" in ISDAAYesNo	AGM SUBSYS DISP ACQUISIT	AA	Yes	No
Simulation ModeAAYesNoAA Payment Milestone ScheduleAAYesNoIP Deed UpdateAAYesNoChange of HERP Standard for GCSAAYesNoTDFS CleanupAAYesNoVisibility Requirements Haze, Fog & StormAAYesNoSimulationAAYesNoSea state and ship modellingAAYesNoSimulation, Ammunition and fuel freezeAAYesNoSplit of Payment Milestone 42AAYesNoAthorised Data List Delivery RequirementsAAYesNoClarification of Harmonised Verification Method of ARH-TigerAAYesNoGTD CDR Milestone Payment 27 SplitAAYesNoAmendment of Ownership of Foreground Intellectual Property of GTDs from TT&S to AAAAYesNoRemoval of "ADF TLS Measures in Place" in ISDAAYesNo	Presentation of the imagery	AA	Yes	No
Simulation ModeAAYesNoAA Payment Milestone ScheduleAAYesNoIP Deed UpdateAAYesNoChange of HERP Standard for GCSAAYesNoTDFS CleanupAAYesNoVisibility Requirements Haze, Fog & StormAAYesNoSimulationAAYesNoSea state and ship modellingAAYesNoSimulation, Ammunition and fuel freezeAAYesNoSplit of Payment Milestone 42AAYesNoAthorised Data List Delivery RequirementsAAYesNoClarification of Harmonised Verification Method of ARH-TigerAAYesNoGTD CDR Milestone Payment 27 SplitAAYesNoAmendment of Ownership of Foreground Intellectual Property of GTDs from TT&S to AAAAYesNoRemoval of "ADF TLS Measures in Place" in ISDAAYesNo		AA	Yes	No
AA Payment Milestone ScheduleAAYesNoIP Deed UpdateAAYesNoChange of HERP Standard for GCSAAYesNoTDFS CleanupAAYesNoVisibility Requirements Haze, Fog & StormAAYesNoSimulationAAYesNoSea state and ship modellingAAYesNoSimulation, Ammunition and fuel freezeAAYesNoSimulation, Ammunition and fuel freezeAAYesNoSplit of Payment Milestone 42AAYesNoATD Visual Database ChangeAAYesNoAuthorised Data List Delivery RequirementsAAYesNoClarification of Harmonised Verification Method of ARH-TigerAAYesNoGTD CDR Milestone Payment 27 SplitAAYesNoAmendment of Ownership of Foreground Intellectual Property of GTDs from TT&S to AAAaYesNoRemoval of "ADF TLS Measures in Place" in ISDAAYesNo		AA		No
IP Deed UpdateAAYesNoChange of HERP Standard for GCSAAYesNoTDFS CleanupAAYesNoVisibility Requirements Haze, Fog & StormAAYesNoSimulationAAYesNoSea state and ship modellingAAYesNoSimulation, Ammunition and fuel freezeAAYesNoSimulation, Ammunition and fuel freezeAAYesNoEVM Cost Performance Reporting CycleAAYesNoATD Visual Database ChangeAAYesNoAtthorised Data List Delivery RequirementsAAYesNoClarification of Harmonised Verification Method of ARH-TigerAAYesNoGTD CDR Milestone Payment 27 SplitAAYesNoAmendment of Ownership of Foreground Intellectual Property of GTDs from TT&S to AAAAYesNoRemoval of "ADF TLS Measures in Place" in ISDAAYesNo		f		
Change of HERP Standard for GCSAAYesNoTDFS CleanupAAYesNoVisibility Requirements Haze, Fog & StormAAYesNoSimulationAAYesNoSea state and ship modellingAAYesNoSimulation, Ammunition and fuel freezeAAYesNoEVM Cost Performance Reporting CycleAAYesNoSplit of Payment Milestone 42AAYesNoATD Visual Database ChangeAAYesNoAuthorised Data List Delivery RequirementsAAYesNoClarification of Harmonised Verification Method of ARH-TigerAAYesNoGTD CDR Milestone Payment 27 SplitAAYesNoAmendment of Ownership of Foreground Intellectual Property of GTDs from TT&S to AAAAYesNoRemoval of "ADF TLS Measures in Place" in ISDAAYesNo		AA		No
TDFS CleanupAAYesNoVisibility Requirements Haze, Fog & StormAAYesNoSimulationAAYesNoSea state and ship modellingAAYesNoSimulation, Ammunition and fuel freezeAAYesNoEVM Cost Performance Reporting CycleAAYesNoSplit of Payment Milestone 42AAYesNoATD Visual Database ChangeAAYesNoAuthorised Data List Delivery RequirementsAAYesNoClarification of Harmonised Verification Method of ARH-TigerAAYesNoGTD CDR Milestone Payment 27 SplitAAYesNoAmendment of Ownership of Foreground Intellectual Property of GTDs from TT&S to AAAAYesNoRemoval of "ADF TLS Measures in Place" in ISDAAYesNo		\$		No
Visibility Requirements Haze, Fog & StormAAYesNoSimulationAAYesNoSea state and ship modellingAAYesNoSimulation, Ammunition and fuel freezeAAYesNoEVM Cost Performance Reporting CycleAAYesNoSplit of Payment Milestone 42AAYesNoATD Visual Database ChangeAAYesNoAuthorised Data List Delivery RequirementsAAYesNoClarification of Harmonised Verification Method of ARH-TigerAAYesNoGTD CDR Milestone Payment 27 SplitAAYesNoArmendment of Ownership of Foreground Intellectual Property of GTDs from TT&S to AAAAYesNoRemoval of "ADF TLS Measures in Place" in ISDAAYesNo		AA		
Sea state and ship modellingAAYesNoSimulation, Ammunition and fuel freezeAAYesNoEVM Cost Performance Reporting CycleAAYesNoSplit of Payment Milestone 42AAYesNoATD Visual Database ChangeAAYesNoAuthorised Data List Delivery RequirementsAAYesNoClarification of Harmonised Verification Method of ARH-TigerAAYesNoGTD CDR Milestone Payment 27 SplitAAYesNoAmendment of Ownership of Foreground Intellectual Property of GTDs from TT&S to AAAAYesNoRemoval of "ADF TLS Measures in Place" in ISDAAYesNo	Visibility Requirements Haze, Fog & Storm			
Simulation, Ammunition and fuel freezeAAYesNoEVM Cost Performance Reporting CycleAAYesNoSplit of Payment Milestone 42AAYesNoATD Visual Database ChangeAAYesNoAuthorised Data List Delivery RequirementsAAYesNoClarification of Harmonised Verification Method of ARH-TigerAAYesNoGTD CDR Milestone Payment 27 SplitAAYesNoAmendment of Ownership of Foreground Intellectual Property of GTDs from TT&S to AAAAYesNoRemoval of "ADF TLS Measures in Place" in ISDAAYesNo		AA	Yes	No
EVM Cost Performance Reporting CycleAAYesNoSplit of Payment Milestone 42AAYesNoATD Visual Database ChangeAAYesNoAuthorised Data List Delivery RequirementsAAYesNoClarification of Harmonised Verification Method of ARH-TigerAAYesNoGTD CDR Milestone Payment 27 SplitAAYesNoAmendment of Ownership of Foreground Intellectual Property of GTDs from TT&S to AAAAYesNoRemoval of "ADF TLS Measures in Place" in ISDAAYesNo				
Split of Payment Milestone 42AAYesNoATD Visual Database ChangeAAYesNoAuthorised Data List Delivery RequirementsAAYesNoClarification of Harmonised Verification Method of ARH-TigerAAYesNoGTD CDR Milestone Payment 27 SplitAAYesNoAmendment of Ownership of Foreground Intellectual Property of GTDs from TT&S to AAAAYesNoRemoval of "ADF TLS Measures in Place" in ISDAAYesNo		L		
ATD Visual Database ChangeAAYesNoAuthorised Data List Delivery RequirementsAAYesNoClarification of Harmonised Verification Method of ARH-TigerAAYesNoGTD CDR Milestone Payment 27 SplitAAYesNoAmendment of Ownership of Foreground Intellectual Property of GTDs from TT&S to AAAAYesNoRemoval of "ADF TLS Measures in Place" in ISDAAYesNo				
Authorised Data List Delivery RequirementsAAYesNoClarification of Harmonised Verification Method of ARH-TigerAAYesNoGTD CDR Milestone Payment 27 SplitAAYesNoAmendment of Ownership of Foreground Intellectual Property of GTDs from TT&S to AAAAYesNoRemoval of "ADF TLS Measures in Place" in ISDAAYesNo				
Clarification of Harmonised Verification Method of ARH-TigerAAYesNoGTD CDR Milestone Payment 27 SplitAAYesNoAmendment of Ownership of Foreground Intellectual Property of GTDs from TT&S to AAAAYesNoRemoval of "ADF TLS Measures in Place" in ISDAAYesNo				
GTD CDR Milestone Payment 27 Split AA Yes No Amendment of Ownership of Foreground Intellectual Property of GTDs from TT&S to AA AA Yes No Removal of "ADF TLS Measures in Place" in ISD AA Yes No	Clarification of Harmonised Verification Method of			ann an
Amendment of Ownership of Foreground Intellectual AA Yes No Property of GTDs from TT&S to AA Removal of "ADF TLS Measures in Place" in ISD AA Yes No		ΔΔ	Vac	No
Removal of "ADF TLS Measures in Place" in ISD	Amendment of Ownership of Foreground Intellectual			· · · · ·
		AA	Yes	No

Draft Certificate of Conformance for Aircraft Delivery and Acceptance	AA	Yes	No
Armoured Personnel Carrier and Building Type Targets Specification Modifications	AA	Yes	No
GME Requirement 5766 Means of Compliance	AA	Yes	No
ATD Visual Entity Model Change	AA	Yes	No
Update of French Price Variation Indices	AA	Yes	No
Changes to Payment Milestone 119	AA	Yes	No
Removal of Marshalling Training Competency Requirement	AA	Yes	No
ATD Visual Entity Model Change	AA	Yes	No
Additional Computers for CBT Classrooms	AA	Yes	No
COC (ACQ) Attachment J Part 1 Table 1 (IP Schedule)	AA	Yes	No
GTD Milestone 58 Payment Split	AA	Yes	No
Deletion of requirement 5797 and deletion of GTO 261 Environmental Control System	CoA	Yes	No
Aircraft 1 and 2 Delivery and Acceptance	CoA	Yes	No
EWMSS (Ops): Removal of Requirement 473	СоА	Yes	No
LSAR DED Population Tailoring	CoA	Yes	No
Administrative Amendments	CoA	Yes	No
Human Engineering CAWG No.1	CoA	Yes	No
Incorrect reference within CDR(ACQ)-EM-042 ASIMP	СоА	Yes	No
Establishment of Price Variation Formula Indice and Variation to French Material Index	CoA	Yes	No
20 litre water requirement	CoA	Yes	No
Collective Jettison Button Guard	CoA	Yes	No
LRFD Returned Energy	CoA	Yes	No
Removal of ACP123 Support from GME	CoA	Yes	No
HDLC	CoA	Yes	No
ASMTF	CoA	Yes	No
ACSI 61(C)	CoA	Yes	No
KY-100	CoA	Yes	No
MIL-STD-464	CoA	Yes	No
VPLGR	CoA	Yes	No
Incentive Payment - Performance of Hellfire System	CoA	Yes	No
Use of CAMM2	CoA	Yes	No
Admin Changes to GTDSpec	CoA	Yes	No

Table 1.B - THROUGH LIFE SUPPORT CONTRACT CHANGE PROPOSALS (ALL)	Initiated	Approved	Cost
TLS CCP Attachment R	AA	No	No
MMS - CAMM to CAMM2	AA	No	No
Draft Relocation of ASSC -Tiger From Sydney to Brisbane	AA	No	No
Replacement of Contents of Attachment J to CAPO 338397	AA	No	No
Attachment F (Price Basis)	AA	No	No
RETURN OF DK/FAK – time frame for return of FAK /DK	AA	No	No
Attachment A, Section 2, Annex J – INTELLECTUAL PROPERTY (IP) RECORDS (under review).	AA	No	No

Correction to TF2! Pre-Implementation Costing - Feb 02 to Mar 02	AA	No	\$900,000
Approved S&TE PL2	AA	No	\$4,800,000
Contract Changes to Attachment E "Pricing Schedule" (TF!2)	AA	No	\$11,200.000 p.a (Year 5 mature stage)
Contract Changes to Attachment A Statement of Work and Attachment E Pricing Schedule (TF!2)	AA	No	\$12,400,000 p.a (Year 5 mature stage)
TLS Attachment A Statement of Work and Attachment E Pricing Schedule (TF!2)	AA	No	\$33,200,000 p.a (Year 5 mature stage)
Corrections of Errors to Attachment A 'Statement of Work" and Attachment E 'Pricing" Schedule (TF!2)	AA	No	\$400,000 p.a (Year 5 mature stage)
Support for the IAC	AA	No	\$800,000 p.a (Year 5 mature stage)
CAMM2	CoA	No	No
GME Hardware List (Deployable)	CoA	No	No
Administrative Changes	AA	Yes	No
Attachment F "Price Basis"	AA	Yes	No
Change of Nominated point of contact for Delivery of AIR 87 CAPO 338397 Correspondence	AA	Yes	No
Removal of Certificate of Possession requirement and inclusion of Stocktake program deliverable	AA	Yes	No
COC (TLS) Attachment G Part 1 Table 1 (IP Schedule)	AA	Yes	No
TLS CCP Attachment R Support & Test Equipment	AA	Yes	\$8,000,000
GME Video Replay	CoA	Yes	\$50,000 p.a (mature stage)

ACTION AREA: CEO DMO

Question 2

Contract change proposals – costs

Miss Jackie Kelly, Hansard 1 March 2007, p. 23

Could you provide the Committee with a breakdown of the cost of contract change proposals for the Armed Reconnaissance Helicopter? Could this be broken down into requests for change by Defence and by industry?

RESPONSE

Table 2.A, Acquisition Contract Change Costs, details the cost variations to the Armed Reconnaissance Helicopter Acquisition contract that have been agreed since the contract was signed. Table 2.B, Through Life Support Change Costs, provides similar details for the Through Life Support contract.

In total there have been 73 changes to the acquisition contract and seven changes to the Through Life Support Contract approved by the Commonwealth after the initial contract was signed.

Thirteen changes to the Acquisition contract have been agreed to the value of \$27.538m, which represents 2 per cent of the original approved contract budget of \$1.2 billion. The remaining 60 changes are administrative in nature and incurred no cost. Six of the changes were requested by Defence and seven by industry.

Two changes to the Through Life Support Contract have been agreed, comprising a one-off payment of \$8.0m and an ongoing cost of \$0.05m per year. One change was requested by Defence and the other by industry. All increases have been within Project Approval.

Table 2.A Acquisition Contract Change Costs	Initiated	Approved	Cost
Army Pilot Continuum	AA	Yes	\$229,596
Sand Filters for ARH	AA	Yes	\$2,333,880
GME Power Options	AA	Yes	\$707,238
Highlight Brightness	AA	Yes	\$3,246,000
Enhanced ARH FFMS FoV & FFMS-BC Motion	AA	Yes	\$7,486,683
EWMSS (OPS) RLM Library Generation	AA	Yes	\$665,894
Approved RPSL 2B	AA	Yes	\$3,264,081
Introduction of the new crypto component source			
for GPS receiver	CoA	Yes	\$683,377
UET Functional Specification Change	CoA	Yes	\$237,852
GME Hardware List	CoA	Yes	\$2,778,534
Ground Communications Suite Courseware			
Development	CoA	Yes	\$70,000
GME Video Replay	CoA	Yes	\$4,917,946
Aeronautical Data	CoA	Yes	\$917,500
Total			\$27,538,582

Table 2.B Through Life Support Change Costs	Initiated	Approved	Cost
TLS CCP Attachment R Support & Test Equipment	AA	Yes	\$8,000,000
GME Video Replay	CoA	Yes	\$50,000 p.a (mature stage)

5