

WBS Code	Title	Expected Start	Expected End	Expected Costs	2017				2018				2019				2020				2021				2022				2023				2024			
					Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
1.4	▼ Time Domain Software Plan v2.1	Nov 19, 2018	Jun 10, 2022	\$1,997,267.59	Time Domain Software Plan v2.1																															
1.4.1	▷ Operational Concept Definition	Feb 21, 2019	May 15, 2019	\$12,319.70	Operational Concept Definition																															
1.4.2	▼ Scheduler	May 16, 2019	Dec 22, 2021	\$623,737.92	Scheduler																															
1.4.2.1	► Requirements and initial prototype	May 16, 2019	Oct 30, 2019	\$35,878.50	Requirements and initial prototype																															
1.4.2.2	▷ Initial Prototype and Architecture definition	Oct 31, 2019	Feb 19, 2020	\$72,745.60	Initial Prototype and Architecture definition																															
1.4.2.3	▷ Implementation	Feb 20, 2020	Oct 28, 2020	\$113,025.60	Implementation																															
1.4.2.4	► OCS Support Infrastructure	Oct 31, 2019	Dec 23, 2020	\$128,263.04	OCS Support Infrastructure																															
1.4.2.5	▷ Scheduler Testing	Oct 29, 2020	Apr 14, 2021	\$29,494.70	Scheduler Testing																															
1.4.2.6	▷ Cleanup	April 15, 2021	Dec 22, 2021	\$244,330.48	Cleanup																															
1.4.3	▼ TDA APIs	July 15, 2019	July 27, 2020	\$212,890.28	TDA APIs																															
1.4.3.1	▷ Operational Requirements	July 15, 2019	July 29, 2019	\$5,628.00	Operational Requirements																															
1.4.3.2	▷ TOM APIs Implementation	July 29, 2019	Nov 18, 2019	\$118,561.74	TOM APIs Implementation																															
1.4.3.3	▷ Scheduler Interfaces Implementation	Nov 18, 2019	Mar 9, 2020	\$50,275.44	Scheduler Interfaces Implementation																															
1.4.3.4	▷ API testing	3/9/20, 1:00 PM	May 4, 2020	\$16,884.00	API testing																															
1.4.3.5	▷ Cleanup	5/4/20, 1:00 PM	July 27, 2020	\$21,541.10	Cleanup																															
1.4.4	▼ Gemini Plugin for TOM Toolkit	July 27, 2020	Apr 21, 2021	\$119,025.60	Gemini Plugin for TOM Toolkit																															
1.4.4.1	▷ TOM Plugin and UI Implementation	July 27, 2020	Dec 30, 2020	\$77,676.00	TOM Plugin and UI Implementation																															
1.4.4.2	▷ TOM Testing	Dec 31, 2020	Feb 24, 2021	\$23,163.20	TOM Testing																															
1.4.4.3	▷ Cleanup	Feb 25, 2021	Apr 21, 2021	\$18,186.40	Cleanup																															
1.4.5	▼ Real Time Pipelines	April 1, 2019	Jun 10, 2022	\$573,604.92	Real Time Pipelines																															
1.4.5.1	► Data Reduction Software	April 1, 2019	Jun 10, 2022	\$510,185.00	Data Reduction Software																															
1.4.5.2	► Operations Tools for Automation	April 8, 2019	Jun 30, 2020	\$63,419.92	Operations Tools for Automation																															
1.4.6	▼ Product Distribution	Nov 15, 2019	Aug 3, 2020	\$85,928.21	Product Distribution																															
1.4.6.1	▷ Updates to DRAGONS software	Nov 15, 2019	Dec 16, 2019	\$8,918.52	Updates to DRAGONS software																															
1.4.6.2	▷ Updates to Fitsstore (archive) software	Dec 3, 2019	Feb 18, 2020	\$15,988.60	Updates to Fitsstore (archive) software																															
1.4.6.3	▷ Test and deployment	Feb 18, 2020	May 27, 2020	\$36,666.67	Test and deployment																															
1.4.6.5	▷ Cleanup	May 27, 2020	Aug 3, 2020	\$24,354.42	Cleanup																															
1.4.7	▼ Integration and commissioning	Oct 16, 2020	Dec 22, 2021	\$222,283.68	Integration and commissioning																															
1.4.7.1	▷ Deployment of Quicklook Mode	Oct 16, 2020	Jan 25, 2021	\$21,349.28	Deployment of Quicklook Mode																															
1.4.7.2	▷ OCS Integration	April 15, 2021	Oct 27, 2021	\$150,700.80	OCS Integration																															
1.4.7.3	▷ Cleanup	Oct 28, 2021	Dec 22, 2021	\$50,233.60	Cleanup																															
1.4.8	► Documentation, Training and Ops Handover	April 22, 2021	Dec 8, 2021	\$57,582.40	Documentation, Training and Ops Handover																															
1.4.9	▷ Project Management and Administration	Nov 19, 2018	June 2, 2022	\$89,894.88	Project Management and Administration																															