PWS Section	PWS Title	PM, Fleet, Mission	Support Required	Products Developed	Sample Provided
4.1.2	Reliability Engineering Services	Fleet, Mission	Assessing Commercial Launch Provider's Reliability Plan - one (1) per launch vehicle certification or as updates are made Performing Reliability Analysis on launch vehicle components/subsystems/systems - approximately an average of two (2) analyses per mission or as required	Assessments and analyses	
4.2	Site Support Quality Engineering Services	Fleet, Mission	The Contractor will provide Quality Engineering Services at the Denver, CO location. Participate in reviews and meetings associated with ULA provided launch vehicles: • Pedigree Reviews – average six (6) per mission • Vehicle Subsystem Turnover Reviews (VSTR) – average six (6) per mission • Hardware Acceptance Reviews (HARs) - average six (6) per mission • Mission Success Reviews (MSR) – average six (6) per mission • Non-conformance data reviews - daily or as required • Preventive/Corrective Action Boards – average 40 per mission • LS Division SMA Readiness Reviews (SARR I & II, SMSR) - one (1) each per mission • IRT Training Meeting - one (1) per mission • SMA Lessons Learned – one (1) per mission Participation in Launch countdowns – one (1) per mission	Surveillance Plans Assessments and analyses Charts for SMA Readiness Review	

LSP Mission Life Cycle Phase	Activity Acronym	Activity Name	Frequency	PWS WBS
	SMSR	Safety & Mission Success Readiness Review	1/Mission	4.0, 5.0
	Reviews	Mission readiness reviews (e.g.; pre-vehicle on-stand, systems reviews, L/V mission readiness review)	3-5/Mission	4.0, 5.0, 6.0, 7.0, 10.0
Phase VI: Launch	Review	Mission Dress Rehearsal	1/Mission; A/R	4.0, 5.0, 6.0, 7.0, 8.0, 10.0
	Review	Mission readiness reviews /briefings (e.g.; LV FRR, LRR, LMCM)	3-5/Mission; A/R	4.0, 5.0, 6.0, 7.0, 8.0, 10.0
Phase VII: Post Launch	Review	Post Launch Assessment Review	1/Mission	10.0
	Assessment	Mission Success Determination	1/Mission	10.0

* notes As Required (A/R)

Engineering Reviews	# Per Year	PWS Section
ERS	average of 250	6.0, 10.0
ERBs	average of 200	6.0, 10.0