3.3.2   Kennedy Forward Return Link (KFRL)

The contractor is responsible for providing KFRL ground networks communications to support space flight operations, testing, and simulations.

In performance of these services, the contractor shall:

a.   Operate, maintain, and perform sustaining engineering for the KFRL system.

b.   Perform installation design, procure, and install new cabling, equipment, and associated hardware and software to extend and/or enhance existing services.

c.   Interface with NISN mission networks uplinks and down links.

d.   Provide interfaces to the Record and Playback System (RPS).

e.   Perform blocking and de-blocking, as required by PRD.

The current systems that support these services are referenced in Appendix 8 – Current Systems Descriptions – B.3.3.2 KFRL.

3.3.3   Department of Defense (DoD)/United States Air Force (USAF) Range Communications (CLIN 003)

The contractors is responsible for providing transmission services for timing, countdown, narrowband data, point-to-point (VDL), telephone, intercom, miscellaneous audio, teletype, wideband data, and video in accordance with KPRD/RD160. KPRD/RD-160 defines the support required for the Eastern Range (ER) sites on KSC during operations scheduled on the ER. The 1st Range Operations Squadron Scheduling (1 ROPS/DOUS) will request the support through the NASA Scheduling Office on behalf of the following ER launch programs and supporting agencies: Atlas V, Delta II, Delta IV, Shuttle, Pegasus, Taurus, Minotaur, ISTEF, Astrotech, BMRST, Navy, Super Loki and Space X.

The contractor is responsible for providing DoD/USAF Communications Support per CLIN ~~005~~ **003** on a Productive Hour Fully Burdened Cost basis.

In performance of these services, the contractor shall:

a.   Review KPRD/RD-160 and create support documentation.

b.   Assign circuits per requirement document.

c.   Perform all necessary steps to maintain circuits and verify services.

d.   Provide stand-by support to address any circuit failure or system anomaly.