LUNAR – I rover

Mission Design and Development plan

First we must define the purpose of the mission. The purpose of the mission is to send the moonship and LUNAR-I rover to moon’s south pole, collect the samples and study the area with scientific equipment and bring back the samples to earth.

After the mission handover,

1-3 weeks – recruiting the team.

2-3 months – advanced designing of the proposed systems

5-6 months – building process begins.

Within first 10 months – finish the first prototype.

10 month – start building robotic arm.

10 -12 months – start first stage of testing.

12 -15 months – testing, identifying, and correcting the issues.

13 – 18 months – building the scientific equipment that will be placed in the rover.

18 – 20 months – second stage of testing

20 – 24 months – correcting the issues.

24 months – final stage of testing.

25- 28 months (2 year and 4months from the kick-off) – completing the project.