One Russian engine, three ion engines, and three payloads. This can be modeled as an integer linear program:

$$\begin{array}{l} \max \ 200E1 + 100E2 + 50IE + 25PL \\ \text{subject to} \ 400E1 + 400E2 + 150IE + 50PL \leq 1000 \\ E1 \geq E2 \\ E1 \leq 1 \\ E2 \leq 1 \\ IE \leq 6 \\ PL \leq 4 \\ E1, E2, IE, PL \geq 0 \\ E1, E2, IE, PL \in \mathbb{Z} \end{array}$$

I wrote an Octave program to solve this, *solution.m.* The results are one Russian engine, three ion engines, and 3 fuel payloads for a total discount of 425 days.