7. Appendixes.

7.1 A. Economical calculations on project

Here there will be some calculations showing how economical values are and would be in 2 different situations, the 2 situations are:

1: Overweight of 0,2kg where not allowed.

2: Overweight of 0,2 kg is allowed, how this proposal are put together.

Comments to the 2 solutions:

1:

If this had been this solution that had to be developed then it was demanded to develop some new components. We had decided to make some development on the dispensers. But by doing development on the dispensers we would have 2 things that had changed:

- The quality in the project would be a little more unsecured because we had to make changes on a product that we have used for at number of projects without any problems so far.
- Economical would it be more expensive for our company and our profit would then go down.

2:

When an overweight of 0,2kg are allowed then we can use our standard products, which have proven there stability in a number of projects. This will lead to:

- Better quality, because standard well known products are used.
- Economical a more interesting project for our company.

1: First calculation, overweight not allowed:

	Number	Weight	Total / item	
pod harness	1	20	20	kg
pod stuc	1	175	175	kg
PCU	1	25	25	kg
ECU	1	18,2	18,2	kg
4 x DSS	4	5	20	kg
4 x Dispencer	4	3	12	kg
Total weight			270,2	kg
Overweight			0,2	kg
When we chose to reduce weight of the				
dispenser, then it shall be reduced by			0,2	% per dispenser
To be sure to be below maximum weight we reduce with			1,0	%
That will add to the cost 2 x the reduction i percentage of weight				
Cost would then be raised with			2,0	%
Original costprice			5000	kr
New costprice			5100	kr
Cost for development 15 x original costprice			75000	kr
Economical numbers				
Cockpit unit	1	112.000	112.000	kr
pod harness	1	2.000.000	2.000.000	kr
pod structure	1	100.000	100.000	kr
PCU	1	30.000	30.000	kr
ECU	1	0	0	kr
4 x DSS	4	50.000	200.000	kr
4 x Dispenser	4	5100	20400	kr
Total			2.462.400	kr
Development cost normal			4.000.000	kr
extra development cost			75.000	kr
Total cost of development			6.537.400	kr
Contract sum			8.000.000	kr
Profit			1.462.600	kr
No less than 15% is an amount of			1.200.000	kr
Goal of 20% is an amount of			1.600.000	kr
Actual profit			18,28	%

2: Second calculation, overweight of 0,2kg allowed:

	Number	Weight	Total / item	
pod harness	1	20	20	kg
pod structure	1	175	175	kg
PCU	1	25	25	kg
ECU	1	18,2	18,2	kg
4 x DSS	4	5	20	kg
4 x Dispenser	4	3	12	kg
Total weight			270,2	kg
Overweight			0,2	Kg accepted
Cockpit unit	1	112.000	112.000	kr
pod harness	1	2.000.000	2.000.000	kr
pod structure	1	100.000	100.000	kr
PCU	1	30.000	30.000	kr
ECU	1	0	0	kr
4 x DSS	4	50.000	200.000	kr
4 x Dispenser	4	5000	20.000	kr
Total			2.462.000	kr
Development cost normal			4.000.000	kr
Total cost			6.462.000	kr
Contract sum			8.000.000	kr
Profit			1.538.000	kr
No less than 15% is an amount of			1.200.000	kr
Goal of 20% is an amount of			1.600.000	kr
Actual profit			19,23	%