# Digital Trigger , QM, Cost / FTE Estimation

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| item | amount | Price in € / single | Price in € / final | Remark |
| DTB | 265 | 250 | 66250 | Digital Trigger Backplane, Rev. 4 |
| DTB spares | 15 | 250 | 3750 |  |
| CTDB | 18 | 350 | 6300 | Clock & Trigger Distribution Board, Rev. 1 |
| CTDB spares | 2 | 700 | 1400 |  |
| L2CB | 1 | 500 | 500 | L2 Controller Board, Rev. 1 |
| L2CB spares | 1 | 500 | 500 |  |
| L2BP | 1 | 450 | 450 | L2 Backplane, Rev. 1 |
| L2BP spares | 1 | 450 | 450 |  |
| L2 Crate | 1 | 250 | 250 | L2 Crate, 6u, 160mm, 19” |
| L2 Crate spares | 1 | 250 | 250 |  |
| travelling | 3 | 2000 | 6000 |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  | Sum | 86100 |  |

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| --- | --- | --- | --- | --- |
| item | eng. FTEs | techn. FTEs |  | Remark |
| DT hardware | 0,12 | 0,08 |  |  |
| DT Firmware | 0,16 |  |  |  |
| DT software | 0,32 |  |  | L2CB, OPCUA server development |
|  |  |  |  |  |
| sum | 0,6 | 0,08 |  |  |

# Digital Trigger , 15 Cameras, Cost / FTE Estimation per Camera

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| item | amount | Price in € / single | Price in € / final | Remark |
| DTB | 265 | 200 | 53000 | Digital Trigger Backplane, Rev. 4 |
| DTB spares | 15 | 200 | 3000 |  |
| CTDB | 18 | 300 | 5400 | Clock & Trigger Distribution Board, Rev. 1 |
| CTDB spares | 2 | 600 | 1200 |  |
| L2CB | 1 | 400 | 400 | L2 Controller Board, Rev. 1 |
| L2CB spares | 1 | 400 | 400 |  |
| L2BP | 1 | 400 | 400 | L2 Backplane, Rev. 1 |
| L2BP spares | 1 | 400 | 400 |  |
| L2 Crate | 1 | 200 | 200 | L2 Crate, 6u, 160mm, 19” |
| L2 Crate spares | 1 | 200 | 200 |  |
| travelling | 2 | 2000 | 4000 |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  | Sum | 68600 |  |

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| item | eng. FTEs | techn. FTEs |  | Remark |
| DT hardware | 0,12 | 0,08 |  |  |
| DT Firmware | 0,08 |  |  |  |
| DT software | 0,02 |  |  | L2CB, OPCUA maintenance |
|  |  |  |  |  |
| sum | 0,22 | 0,08 |  |  |

3 cameras per year