VDL TBP ELECTRONICS

"focus on cost drives out quality...
focus on quality drives out cost"

Design for Cost (DfC)
Design for Logistics (DfL)

project

kick-off → proto-type → pilot run → R4V

phase 0 (face to face)

customer delivers VDL TBP Electronics
- business case
- product lifetime
- product lifecycle figures and yearly increment
- redesign planning
- key components (growth BOM)
- target prices
- Approved Vendor List (AVL)
- order for LLI components (PO)
- definition of deliverables (housing, documents, etc.)
- rolling planning/project planning

VDL TBP Electronics delivers customer
- obsolescence
- obtainability
- packaging, tape and reel information (reel/stick = MOQ)
- open calculation of key components (costed BOM)
- budgetary quote

phase 1

customer delivers VDL TBP Electronics
- requirements described in phase 0
- project based purchasing (no rest stock, flexibility) or MOQ/VPE purchasing (rest stock)
- test strategy for proto- and series production
- order for proto-type (PO)

VDL TBP Electronics delivers customer
- planning
- selection menu for test
- quote for proto-type
- budgetary quote (pilot run and volume production)
- B- & C-components report (MOQ)
- proto-evaluation report

phase 2

customer delivers VDL TBP Electronics
- requirements described in phase 1
- order for production and/or test tooling (PO)
- order for pilot run (PO)

VDL TBP Electronics delivers customer
- quote for pilot run and volume production
- B- & C-components report (MOQ)
- product according TPD
- First-Off Inspection report (FOI) (FAT)

phase 3

customer delivers VDL TBP Electronics
- requirements described in phase 2
- rolling forecast
- order for volume production (PO)
- agreements (general, logistics, quality, etc.)

VDL TBP Electronics delivers customer
- quote for volume production
- delivery flexibility (at targeted cost)
- delivery performance
- product according TPD
- VPE/MOQ list (periodic)
- agreements (general, logistics, quality, etc.)