

New Generation Tenderbooks

Quick User Guide

V 1.0

New Generation Tenderbooks

*Thank you for your interest in the
NCS NG Tenderbooks for Building, Data Centre & FTTO*

Three files (Zipped) are available:

- Building tenderbook
- Data Centre tenderbook
- FTTO tenderbook

Content of the ZIP files

The NG Building tenderbook zip file contains

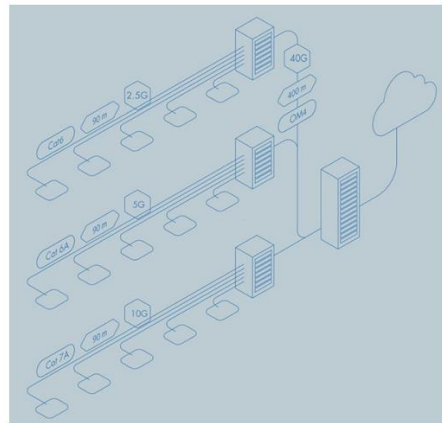
- The Master Building tenderbook document
- This Quick User Guide

Building Structured Cabling System

Request For Proposal

Modular master document to be tailored according to the requirements for the considered project

Prepared for
Cat. n / Class m – x/x TP copper sub-systems
&
Oyn fibre sub-system



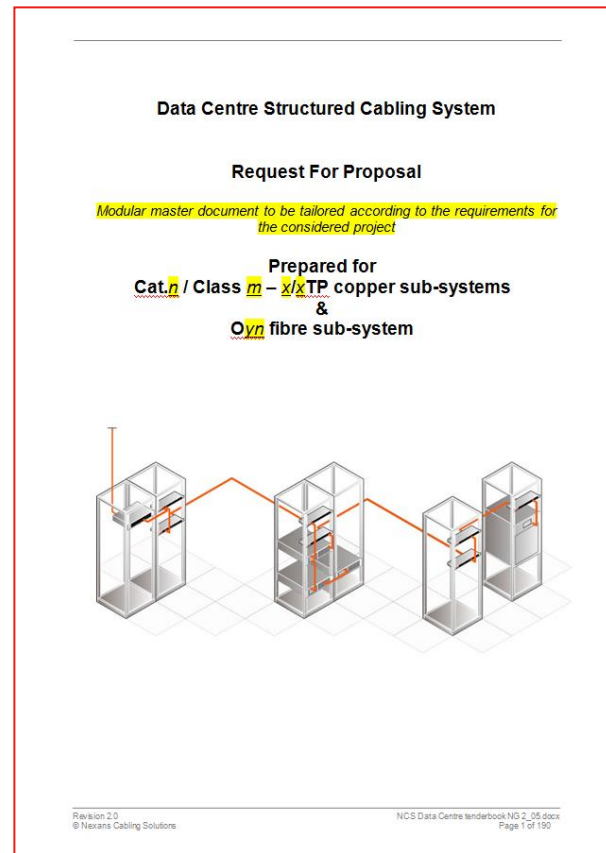
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Content of the ZIP files

The NG Data Centre tenderbook zip file contains

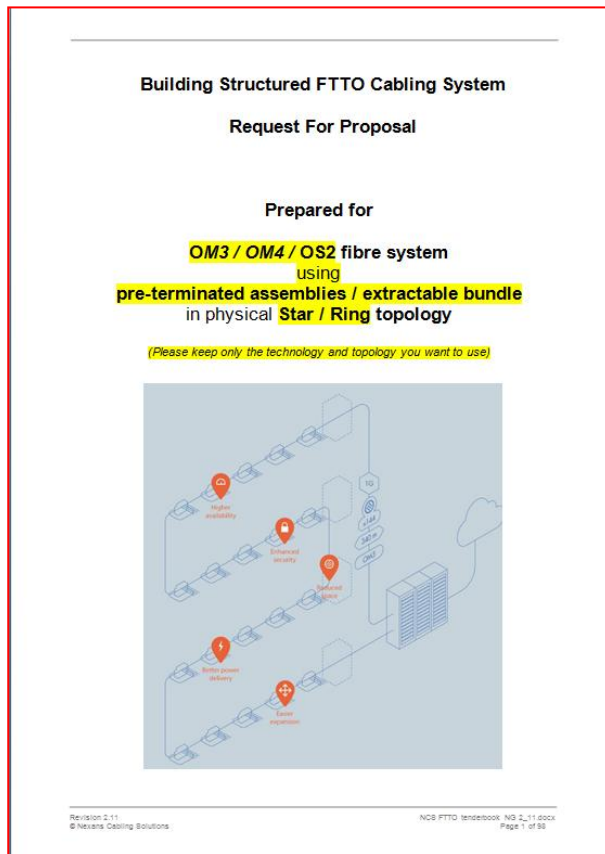
- The Master DC tenderbook document
- This Quick User Guide



Content of the ZIP files

The NG FTTO tenderbook zip file contains

- The Master FTTO tenderbook document
- This Quick User Guide



How to create a tenderbook?

- The master document contains every chapter for all tender types
- You review and tailor it according to your own needs
- You'll also find instructions or notes highlighted in yellow all along the master document

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5. Automated Infrastructure Management System

A complete Automated Infrastructure Management System (AIMS) solution consisting of the hardware and software that is capable of providing real-time, end-to-end monitoring and reporting on the physical layer and end-to-end control and management of services that require urgent 2, 3 and 4 or 5 (SLA) service, must be included in the tender response.

7. Zone Distribution (ZD) cabling

Zone Distribution (ZD) cabling is defined as the cabling system that is used to connect the equipment to the equipment. The choice is to be made according to the specific requirements of the cabling system. The choice is to be made according to the specific requirements of the cabling system. The choice is to be made according to the specific requirements of the cabling system. The choice is to be made according to the specific requirements of the cabling system.

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7.1. ZD copper fibre (Termination details)

7.1.1. Copper Zone Distribution cable

7.1.1.1. Cat 6A / 10GTP cable

The proposed cable shall meet Category 6A / 10GTP to meet the quality and performance of the network. The proposed cable shall meet Category 6A / 10GTP to meet the quality and performance of the network. The proposed cable shall meet Category 6A / 10GTP to meet the quality and performance of the network.

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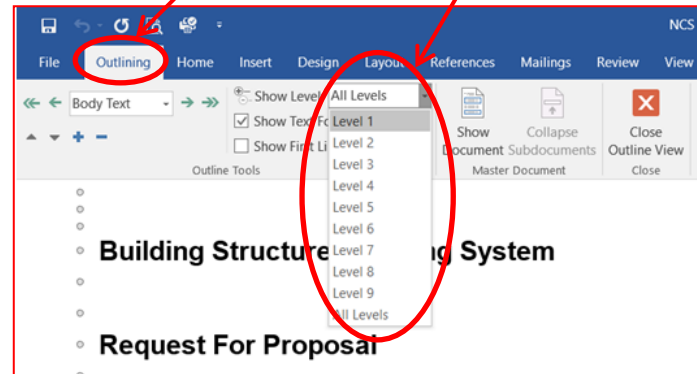
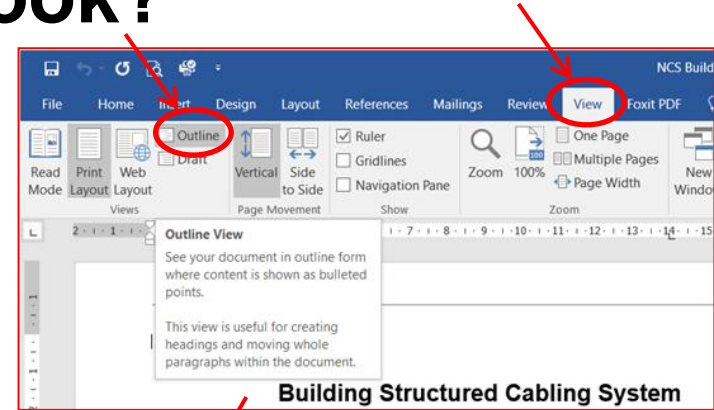
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How to create a tenderbook?

- All possible versions are contained into the master document
- Using the “outline view” mode of MS word the content of the document can be reduced to the main chapter headings or be expanded level by level



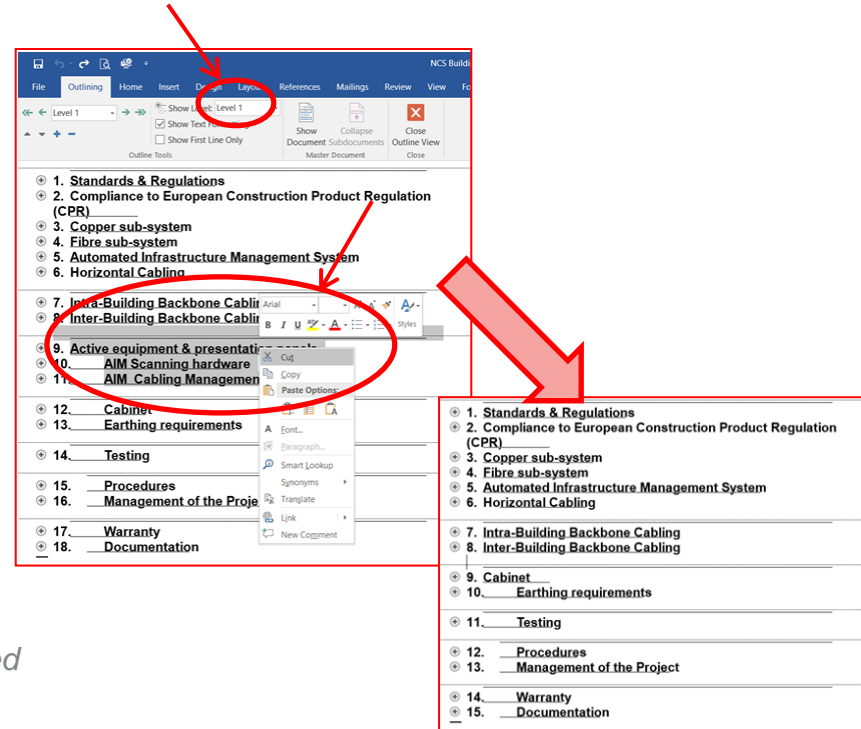
How to create a tenderbook?

- First select the level 1 to reduce the document to the main chapters headings
- Select and delete the chapters you don't need for your project.

Note: In the “outline view” mode deleting a chapter heading will delete its full content

For instance if an intelligent cabling system is not needed delete the chapters 5, 9, 10 and 11

Note: The numbering of the chapters is automatically updated

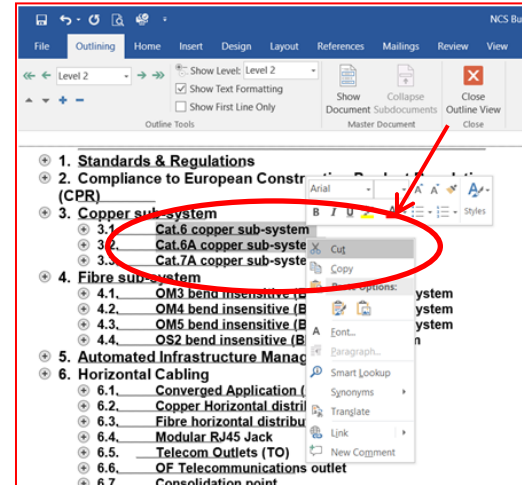
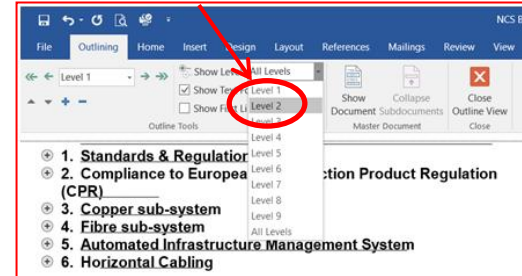


How to create a tenderbook?

- Select level 2 to expand the document to the next level
- Select and delete the sub-chapters you don't need for your project

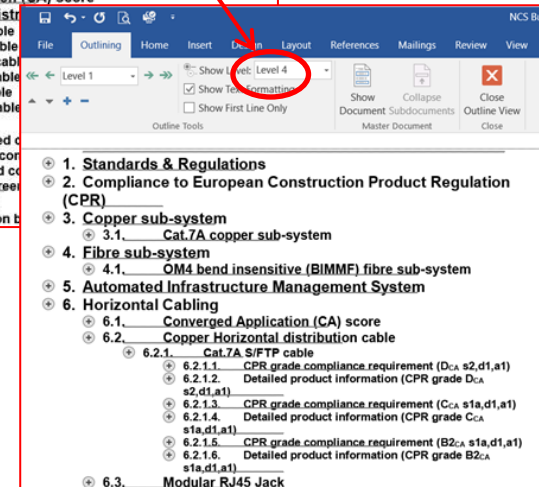
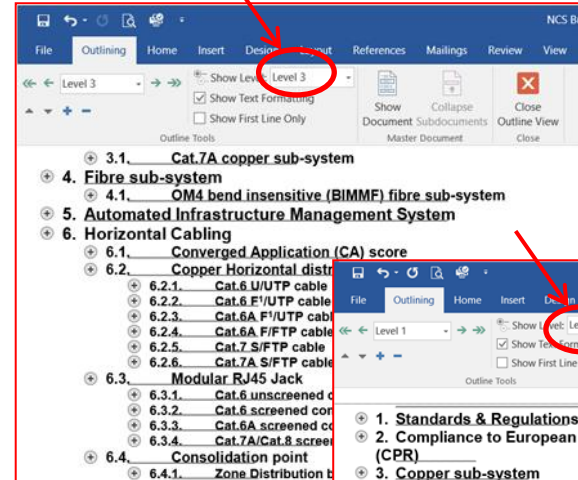
For instance if you need a cat.7A copper sub-system delete all sub-chapters related to the copper categories you don't need.

Note: The numbering of the chapters is automatically updated



How to create a tenderbook?

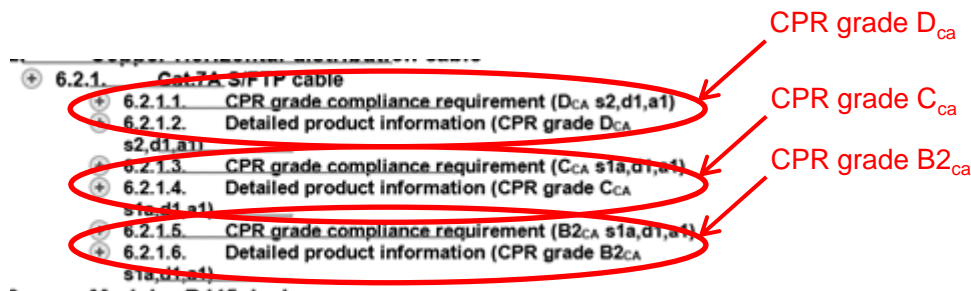
- Continue the process with the next levels
 - Building tenderbook: 4 levels
 - Data Centre tenderbook: 5 levels
 - FTTO tenderbook: 4 levels



How to create a tenderbook?

- About CPR grades of the cables and pre-terminated assemblies
 - For some products several grades are available
 - Just delete the ones you don't need

Note: See the chapter 2 of any tenderbook to learn more about the new European CPR regulation



How to create a tenderbook?

- About the “*detailed product information*” sub-chapters
 - For every proposed product specific sub-chapters presenting pictures of the products and some examples of Nexans product references and description are now included
 - If it is not needed or not allowed for your project just delete all the sub-chapters named “*detailed product information*”

7.3.4.1. Detailed product information



Example of product

LANmark-OF Preloaded Patch Panel 48 LC Multimode Sliding Black
Nexans reference: N439.2B48LCMM

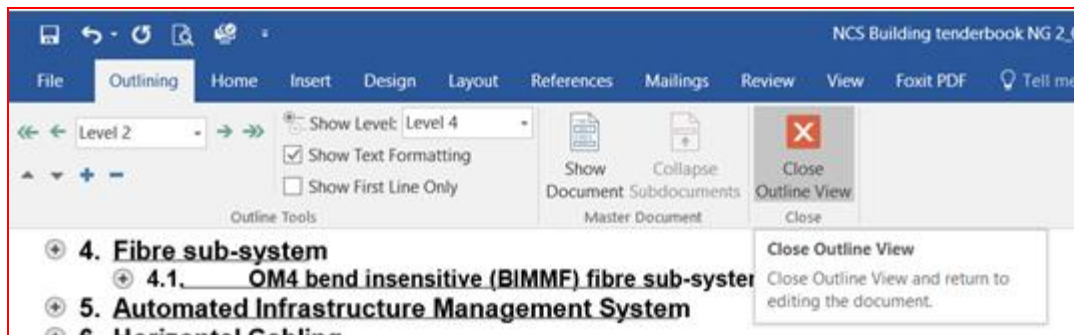
LANmark-OF Preloaded Patch Panel 48 LC Singlemode Sliding Black
Nexans reference: N439.2B48LCSM

LANmark-OF Preloaded Patch Panel 96 LC Multimode Sliding Black
Nexans reference: N439.2B96LCMM

LANmark-OF Preloaded Patch Panel 96 LC Singlemode Sliding Black
Nexans reference: N439.2B96LCSM

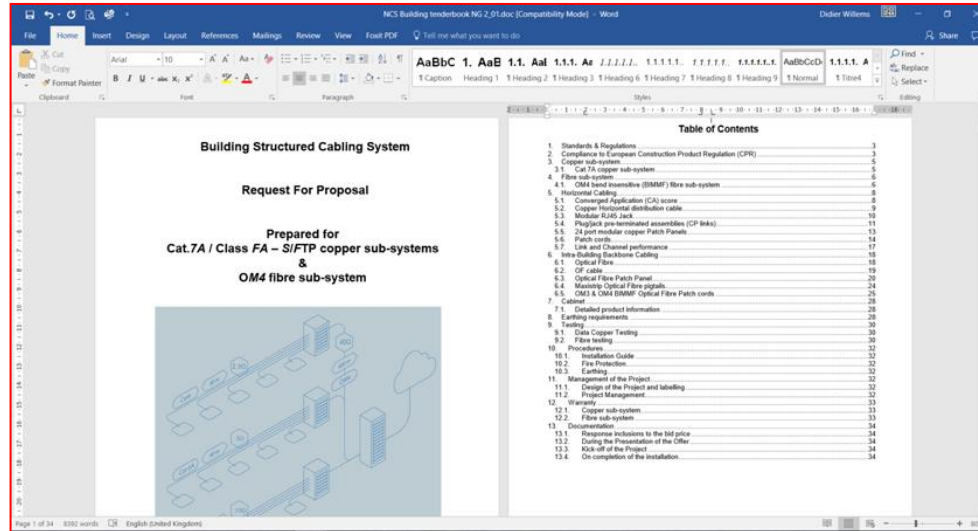
How to create a tenderbook?

- At the end of the process close the outline view



How to create a tenderbook?

- Delete all instruction texts and the first instruction page
- Update the cover page with the selected solutions
- Right click into the table of content and select 'update field' and choose 'update entire table'



How to create a tenderbook?

To change and/or update the headers and footers:

- Just double click on it and you'll gain access to the texts
- Changes will be applied to the whole document

defined in the latest editions of the standards: ISO/IEC DIS 11801 Ed.3 or EN 50173 Ed.2.

Diagram: A network diagram showing a 'Fiber horizontal cable' connected to a 'CP link' and a 'CP cable'. A 'Permanent link' connects to a 'Work area cord'. A 'Patch cord/jumper' connects to a 'Channel=100 m max.' and a 'TE' (Terminal Equipment). A 'Connection' symbol is shown at the bottom.

Table: Macroband loss

Multimode fibres / Wavelength	850nm	1300nm
100 turns on a 37.5 mm radius mandrel	≤ 0.5 dB	≤ 0.1
2 turns on a 15 mm radius mandrel	≤ 0.1 dB	≤ 0.1
2 turns on a 7.5 mm radius mandrel	≤ 0.2 dB	≤ 0.1

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Header: All proposed components including the patch cords have to be produced by the same manufacturer. This issue will ensure that a « Class EA Channel Warranty » can be obtained from the manufacturer.

3.3. Cat.7A copper sub-system
This Tender document covers the design, supply, installation, testing and commissioning of a Category 7A cabling system.

Tenders shall propose and submit a Category 7A universal cabling system which will function for voice, data and LAN communications, for video applications etc.

The data sheets and warranty modules showing the features and the guaranteed requirements of this RFP will be attached by the vendor to his tender documents.

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The cabling system is also open to new applications which require an OM3 cabling the latest editions of the standards: ISO/IEC DIS 11801 Ed.3 or EN 50173 Ed.2.

Context Menu: Cut, Copy, Paste, Update Field, Edit Field..., Toggle Field Codes, Font..., Paragraph..., Bullets, Numbering.

Support and feedback

Should you need support or have any comments
Please be in touch with the Central NCS Support Department

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