

ICT services specification, project-specific specification**1. Basic** (text in the basic section cannot be deselected)

This *Project-specific specification* shall apply together with the bips *F202, ICT services specification, standard specification* for the digital services for the construction project.

2. Digital communication <i>Re (1)</i>	Special conditions:	Selected
Communications on the construction project in accordance with the <i>ICT technical communications specification</i>	Digital communication is based on the "Group 2 contract"	

2.1 Scope of digital communication

<i>Re (1)</i>	Special conditions	Selected
All communication is to be exchanged digitally		X
<i>Re (2)</i>		
All document types associated with the following must be exchanged digitally:	Special conditions	Selected
Construction brief	Dropbox is used	
Programmes	Dropbox is used	
Documentation to be submitted to the authorities	Dropbox is used	
Minutes of meetings between parties	Dropbox is used	
Building models	Autodesk Revit is used	
Drawings	Dropbox is used	
Construction project and works specifications	Dropbox is used	
Design documentation	Dropbox is used	
QA documentation	Dropbox is used	
Environmental documentation	Dropbox is used	
Documentation of quantities	Dropbox is used	
Inspection notes	Dropbox is used	
E-mails (see 2.5 (1))	Dropbox is used	
Other (specified):	Dropbox is used	
2.2 Party responsible <i>Re (1).</i> The digital communication manager is	Anni Veske	

Company: A&A

<i>Re (2)</i>	Special conditions	Selected
The client must approve the <i>ICT technical communications specification</i>		X

2.3. Data structure



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<i>Re (1).</i> Data structure in accordance with bips standard	Special conditions	Selected
		X
<i>Re (2).</i> Metadata	Special conditions	Selected
		X
<i>Re (3).</i> Document classification	Special conditions	Selected
		X

2.4 Project web

<i>Re (1).</i> Designers	Special conditions	Selected
	Asia Jankowska and Anni Veske	
<i>Re (2).</i> Contractor	Special conditions	Selected
	Main contractor	
<i>Re (3)</i> Internet and A3 printing facilities on construction site	Special conditions	Selected
	VIA University College	
<i>Re (4).</i> Project web functionality	Special conditions	Selected
		X
<i>Re (5).</i> Project web to be provided by the client	Special conditions	Selected
	Project web provided by the communications manager	
Project web to be provided by the communications manager		X
Project web can be accessed until	14 th of January 2016	
<i>Re (6).</i> Parties to the construction project have free access to the project web	Special conditions	Selected
		X
Parties to the construction project must meet the costs of use of using the project web themselves		X

2.5 E-mail

<i>Re (1).</i> E-mails on project web	Special conditions	Selected
		X
<i>Re (2).</i> E-mails in accordance with C206	Special conditions	Selected
		X



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3. CAD

3.1 General

Special conditions Selected

Re (1).
CAD in accordance with
the *ICT technical CAD specification*

	X
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Re (2).
The designers will make discipline
models available to the parties to the
construction project

Special conditions Selected

	X
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3.2 Project CAD manager
Re (1).
The project CAD manager is

Asia Jankowska	
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Company: A&A

Re (2).
The client must approve
the *ICT technical CAD specification*

Special conditions Selected

	X
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3.3 Production

Re (1).
2D building model, geometry

Special conditions Selected

Autodesk Revit 3D model is used	
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Re (2).
3D building model, geometry

Special conditions Selected

Autodesk Revit 3D model is used	
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Re (3).
3D building model with construction
objects

Special conditions Selected

	X
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Re (4).
Classification of building elements
- in accordance with the product factor
- in accordance with the form factor
- in accordance with the location factor
- in accordance with the function factor

Special conditions Selected

	X
	X
	X
	X

3.4 The use of CAD models

3.4.1. Drawing production	Selected
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<i>Re (1)</i> Design drawings	Scope: Design agreement in terms of services Phase: Authorities File format: Digital Info. Level: DD2 Prepared by: Asia Jankowska	X
<i>Re (2)</i> Working drawings legible in A3 format	Scope: Phase: New design File format: A3, paper Info. Level: DD2 Prepared by: Asia Jankowska	
3.4.2. Simulation		Selected
<i>Re (1)</i> Purpose and scope	Phase: SDP File format: Digital Info. Level: High Prepared by: Asia Jankowska	
3.4.3. Digital consistency control		Selected
Purpose and scope	Phase: All phases File format: Digital Info. Level: High Prepared by: Asia Jankowska	X
3.4.4. Visualisation		Selected
Purpose and scope	Phase: For client File format: Digital Info. Level: High quality Prepared by: Anni Veske	X
3.4.5. Data extracts		Selected
Purpose and scope	Phase: Client/Contractor File format: Excel Info. Level: High Prepared by: Asia Jankowska	X
3.4.6. Aggregate model		Selected
Purpose and scope of discipline models	Phase: All phases File format: Digital Info. Level: High Frequency of updating: Daily Prepared by: Pear Charles	
3.4.7. Other uses		Selected
Purpose and scope	Phase File format Info. Level Prepared by	

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4. Electronic call for tenders

Special conditions

Selected

Re (1).

Electronic calls for tenders in accordance with the *ICT technical tender specification*

	X
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4.1 Call for tenders platform and tendering platform

Re (1).

Special conditions

Selected

Invitations to tender will be issued via the call for tenders platform

	X
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Re (2).

Special conditions

Selected

Tenders must be submitted via the tendering platform

	X
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Re (3).

Special conditions

Selected

The call for tenders platform/tendering platform will be provided by the client
The call for tenders platform/tendering platform will be provided by the electronic tendering manager

Provided by the electronic tendering manager	
	X

4.2 Electronic tendering manager

Re (1).

The electronic tendering manager is

Anni Veske

Company: A&A

Re (2).

The client must approve the *ICT technical tender specification*

Special conditions

Selected

	X
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4.3 Structure of the tender documents

Re (1).

The tender documents are classified in accordance with DBK* (*Danish Buildgin Component)

Special conditions

Selected

	X
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Re (2).

Specifications in accordance with bips B1.000

Special conditions

Selected

	X
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Re (3).

The tender documents include 3D-building models, which as a minimum contain geometry

Special conditions

Selected

2D Drawings, not the entire 3D model	
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Re (4).

The tender documents include 3D building models based on construction objects

Special conditions

Selected

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4.4 Bills of quantities

Special conditions

Selected

Re (1).

The bills of quantities contain quantities

	X
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5. Digital handover

Re (1).

Digital handover must be in accordance with the *ICT technical handover specification*

Special conditions

Selected

	X
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5.1 Scope of digital O&M documentation

Re (1).

All O&M* documentation must be handed over digitally (*Operation and maintenance)

Special conditions

Selected

	X
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Re. (2).

Only the O&M documentation listed must be handed over digitally:

Special conditions

Selected

	X
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5.2 Digital handover manager

Re (1).

The digital handover manager is

Anni Veske

Company: A&A

Re (2).

The client must approve the *ICT technical handover specification*

Special conditions

Selected

	X
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5.3 Purpose, format, method and time of digital handover

5.3.1. Data structure		Selected
Objective	File format: pdf Method: Digital Time: Stated in master time schedule Prepared by: Anni Veske	X

5.3.2. O&M documentation		Selected
Objective	File format: Method: Time: Prepared by:	

5.3.3 'As built' documents		Selected
Objective	Format: pdf	X

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	Method: Digital Time: Stated in the master time schedule Prepared by: Anni Veske	
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5.3.4. Data model		Selected
Objective	File format: pdf Method: Digital Time: Stated in the master time schedule Prepared by: Anni Veske	X

5.4 Digital snagging lists

Re (1).

Snagging lists in accordance with bips C207

Special conditions Selected

	X
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6. Other services

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