

**Price for set of elements, suitable to erect a house type "Bård", 177m<sup>2</sup>, is 48 800 EUR, (VAT 0,00%), EXW Ääsmäe, EE.**

**Freight cost from Ääsmäe, EE – (...)**EUR, VAT 0,00%, ~3 trucks per one set of elements.

### General

1. All prefabricated elements shall constitute the entire length of the structure (max. 13,0m and max 3,0m high). Vertically the house gables are divided into groundfloor and first floor.
2. Room height according to cross- section drawings.
3. Tubes and boxes for electrical installation according to the electricity plan.
4. All primerly paintings made by "Teknol 1881" or suitable similar like Pinja Pro / Primer.
5. Final floor height is 15mm (?).
6. House shall be erected on the plate type concrete foundation.

#### • **External wall elements for the ground floor and gable walls elements for the first floor**

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- Gypsum board 13 mm, standard, loose material to be installed on SITE.
- OSB-3 board 10 mm, moisture resistant
- Wooden frame 45\*45mm, C16/C24, c/c600mm, **pine/spruce**.
- Insulation, "**ROCKWOOL**", 50mm,.
- PE folio 0,2mm, as vapourblock.
- Wooden frame 45\*145mm, C16/C24, c/c600mm, **spruce**.
- Insulation, "**ROCKWOOL**", 100+50mm.
- Gypsum board 9mm, wind screen.
- Tyvek Solid, (DuPont), reaches 150- 200mm over the element on perimeter + 10-20mm on top of the window frame, overlappings 100mm clued with double sided tape.

#### **Facade Cover:**

- Battens (list) 28\*70mm (**vertical**), c/c 600mm.
- Battens (list) 28\*70mm (**horizontal**), c/c 600mm, behind vertical boards only
- **Horizontal** external boards **PINE/SPRUCE**, profile **BLANK (uncut wavy edges) 22-26 x 100-220**, overlapping 20 -50mm, (bottom edge of the upper board covers upper edge of the lower board) fine sawn surface, majority nailed to the elements in the factory, finishing: once primerly, painted once painted, **Tone: ??? (NCS system)**.
- **Vertical** external upper boards **PINE/SPRUCE**, profile **BLANK (uncut wavy edges) 22-26x100-220**, overlapping 20 -50mm, not grinded, sawn surface, majority nailed to the elements in the factory, finishing: once primerly painted, once painted, **Tone: ??? (NCS system)**.
- **Vertical** external boards, behind upper boards, **SPRUCE**, profile SH (rectangular) 21\*95 mm, overlapping 20- 50mm, fine sawn surface, majority nailed to the elements in the factory, finishing: once primerly painted, once painted, **Tone: ??? (NCS system)**.
  
- External window sills – sheet metal over and under the window, Pural cover, installation works in factory, **Tone: ??? RAL system**.
- Window / Door reveals outside - wooden boards right and left to the windows, **SPRUCE** 21\*45/50mm, roughened/fine sawn, once primerly painted/once painted, **Tone: ??? (NCS System)**.
- **No boards around windows and doors on the facade.**
- **Board in corners of the house, vertical, PINE**, profile **SHk 21x95/120mm**, fine sawn surface, majority nailed to the elements in the factory, finishing: once primerly painted, once painted, **Tone: ??? (NCS system)**.
- **Windows** shall be even with wind block gypsum board 9mm Tyvek solid reache 10-20 mm on top of the external surface of the window frame.
- Windows not to be sealed in the factory.
  
- Mouseblock: metal wired cold Zn covered wired mesh 0,6mm, cell size 6\*6mm.

#### • **External wall elements of the ground floor for the "BOD"**

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- OSB-3 board 10 mm, moisture resistant
- Wooden frame 45\*145mm, C16/C24, c/c600mm, **spruce**.

- Insulation, "ROCKWOOL", 100+50mm.
- Gypsum board 9mm, wind screen.
- Tyvek Solid, (DuPont), reaches 150- 200mm over the element on perimeter + 10-20mm on top of the window frame, overlappings 100mm clued with double sided tape.

#### **Facade Cover:**

- Battens (list) 28\*70mm (**vertical**), c/c 600mm.
- Battens (list) 28\*70mm (**Horizontal**), c/c 600mm.
- **Vertical** external boards **PINE**, profile **BLANK (uncut wavy edges) 22-26 x 100-220**, overlapping 20 -50mm, not grinded, sawn surface, majority nailed to the elements in the factory, finishing: once primerly painted, once painted, **Tone: ??? (NCS system)**.
- Window / Door reveals outside - wooden boards right and left to the windows, **SPRUCE** 21\*45/50mm, roughened/fine sawn, once primerly painted/once painted, **Tone: ??? (NCS System)**.
- **No boards around windows and doors on the facade.**
- Mouseblock: metal wired cold Zn covered wired mesh 0,6mm, cell 6\*6mm.

#### **• Load bearing internal wall elements between „BOD“ and the „SOV/Gjesterom“:**

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- Gypsum board 13 mm, standard, "Sov" room.
- OSB-3 board 10 mm, moisture resistant
- Wooden frame 45\*45mm, C16/C24, c/c600mm, **pine/spruce**.
- Insulation, "ROCKWOOL", 50mm,.
- PE folio 0,2mm, as vapourblock.
- Wooden frame 45\*145mm, C16/C24, c/c600mm, **spruce**.
- Insulation, "ROCKWOOL", 100+50mm.
- OSB-3 board 10 mm, moisture resistant, "BOD" side

#### **• Load bearing internal wall elements:**

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- Gypsum board 13 mm, standard.
- Wooden frame 45\*95mm, C16/C24, c/c600mm, **spruce**.
- Insulation, "ROCKWOOL", 100mm.
- OSB 3, 10mm, moisture resistant, to the side of kitchen furniture and staircases
- Gypsum board 13 mm, standard.

#### **• Light weight internal wall elements.**

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- Gypsum board 13 mm, standard, loose material to be installed on SITE.
- Wooden frame 45\*70mm, C16/C24, c/c600mm, **spruce**.
- Insulation, "ROCKWOOL", 75mm.
- Gypsum board 13 mm, standard.

#### **• Inserted ceiling panels over ground floor ~71.72m<sup>2</sup>**

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##### **Element:**

- Chipboard 22mm, TG, moisture resistant, grooves clued.
- Wooden frame 45\*220/245mm, c/c600mm, **spruce**.
- Insulation, rockwool "ROCKWOOL", 100mm.

##### **Loose material:**

- Battens 28\*70mm, c/c400mm, for ceiling.
- Gypsum board 13 mm, standard, for ceiling.

#### **• Roof elements and materials, (considered for snowload + grass roof 750kg/m<sup>2</sup>)**

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- Materials for grass roof to be delivered by Client

##### **Element:**

- SBS underlayement "Plano Underlay" from "ICOPAL", 1.0 - 3 mm, nailed and overlappings cold glued.
- OSB-3, 15mm, TG, moisture resistant.
- Wooden battens 45\*45mm, c/c600mm, on top of Gypsum board 9mm, as ventilation space, **pine/spruce**.
- Gypsum board 9mm, wind screen, on the rafters.
- Nailplate connected double rafters 45\*145+195mm (340mm), C16/C24, c/c 600mm, **spruce**, according to statical calculations.
- Insulation, "Paroc 565-UNS-37", 300mm (100+100+100mm).
- PE folio 0,2mm, as vapour block.

##### **Loose materials:**

- Battens 28\*70mm, c/c 400mm, for ceiling, **pine/spruce**.
- Gypsum board 13 mm, standard, for ceiling, to be installed on SITE.

- Eaves boards **SPRUCE**, profile **SH 21\*145mm** overlapping 5-10 mm, (see profile: <http://www.raitwood.ee/tootekataloog/profiil.php?prid=129> ), fine sawn, once primery painted, once painted, **Tone: Black (?) NCS System**.
- Soffit boards **SPRUCE** (ceiling of the eave) HS 28\*45mm, (see profile: <http://www.raitwood.ee/tootekataloog/profiil.php?prid=129> ), once primery painted, once painted, fine sawn, **Tone: ??? (NCS system)**, loose materials.

- **Terrace elements ~13.5m<sup>2</sup> NB!**

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- Terrace panels PHL 28\*120mm, **PINE**, narrow grooves, deep impregnated, brownish.
- Terrace frame 45\*145mm, c/c 600mm, deep impregnated, greenish.
- Railings/banisters not included.

- **Windows; Balcony doors**

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- Windows and balcony doors according to the specification. See specification enclosed to this offer. Windows are installed into the wall elements where possible (excluding large windows on the south facade)

- **External doors**

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- External doors according to the specification. See specification enclosed to this offer.

**NB! External doors and balcony doors are not installed into wall elements.**

- **Montage materials**

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- Laminated wooden beams and posts, pine/spruce.
- Deep impregnated sills
- BMF metal joints
- Woollen seal/ribbon/hydroinsulation

**The price includes the following:**

- Drawings: product drawings, specifications and details, montage manuals, general montage manual in English).
- Export transportation package, elements are packed as one element per pack.
- Loading works of the elements in SELLERS factory.
- Strength, rigidity and load calculations for the GOODS, unformal.

**The price does not include:**

- Architectural drawings, details and specifications.
- Montage works and expenses on SITE (to be agreed separately)
- Unloading works and crane expenses on SITE (unloading to be agreed separately).
- Drawings and specifications for special works.
- Roof covering material and rainwater systems.
- Foundation and other concrete elements and works.
- Interior finishing materials and works, internal doors.
- Special works (water, heating, sewerage, ventilation, and electricity).
- Taxes in Norway.
- The price offer does not include VAT.