Introduction to Circular Public Procurement - CPP

Project manager
Birgitte Krebs Schleemann

Procura+ Seminar, Oslo, 22th March 2018
<table>
<thead>
<tr>
<th>Project</th>
<th>Description</th>
<th>Amount</th>
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</thead>
<tbody>
<tr>
<td>PP1</td>
<td>City of Aalborg</td>
<td>671.990,00</td>
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<tr>
<td>PP2</td>
<td>City of Malmo</td>
<td>285.520,00</td>
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<td>PP3</td>
<td>Aalborg University</td>
<td>219.270,00</td>
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<tr>
<td>PP4</td>
<td>Saint Petersburg campus of National Research, University Higher School of</td>
<td>105.588,00</td>
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<tr>
<td></td>
<td>Economics</td>
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<td>PP5</td>
<td>Latvian Environmental Investment Fund</td>
<td>225.388,00</td>
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<td>PP6</td>
<td>Rzeszow Regional Development Agency</td>
<td>185.288,00</td>
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<td>PP7</td>
<td>Rijkswaterstaat – Ministry of Infrastructure and the Environment</td>
<td>362.350,00</td>
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<td>PP8</td>
<td>Finnish Environment Institute</td>
<td>161.416,00</td>
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<td>PP9</td>
<td>Latvian Chamber of Commerce and Industry</td>
<td>58.130,00</td>
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<td>PP10</td>
<td>NorthDenmark EU-Office</td>
<td>176.680,00</td>
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<td></td>
<td><strong>Total in 3 years</strong> <em>(project period: 30 September 2017 – 30 September 2020)</em></td>
<td><strong>2,453,620,00 Euro</strong></td>
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Work package 1 - 5

WP 1: Project management and administration
Lead partner and project manager: City of Aalborg

WP 2: Research of state of the art in circular procurement and identification of improvement potentials
WP leader: Aalborg University

WP3: Capacity building activities
WP leader: Rijkswaterstaat

WP 4: Delivery of pilot circular procurements
WP leader: City of Malmo

WP 5: Communication
WP leader: Rzeszow Regional Development Agency
Pilots circular procurement

City of Malmo: 
Non new furniture (second hand, refurbish, re-make) test case the Environmental Department

City of Aalborg: 
ICT – lifetime expansion 
Furnitures / Playground

Latvian municipality: 
School furniture 
Office equipment 
Indoor/outdoor lightning 
Catering service
Circular procurement?

- Need change of mind set
- Procure services – learning environment, lighting etc.
- Non technical specification
- Long life time
- Service and maintenance
- Reuse
- Retrofitting
- Material recycling
Circular Economy

Extended product lifetime
- Guarantee on lifetime
- User manual
- Easy maintenance
- Durability
- Multi-functional
- Modular design
- Choice of materials
- Classical design

Service and maintenance
- Spare part guarantee
- Easy disassembly
- Service agreement
- Leasing / renting
- Upgrading and small repairs
- Standard components
- Labelling (model/components)

Reuse
- Take-back system
- Sale of second hand product
- Traceability
- Storage
- Donation/charity

Retooling / remanufacturing
- Change of parts
- Refurbishment (for sale)
- Short cycles first (transport)
- Overall repair
- Second hand spare-parts
- Production based on take-back materials/components

Material recycling
- Product passport
- Sorting of materials
- No hazardous substances
- Separation of different types of plastic
- Documentation for material recycling

Original product

Retrofitted product

Separated materials