

Sustainable Public Procurement-fiche: advanced

1) Subject matter

Environmental friendly printing service

“For <.....> (name of the public authority), the care for the environment and social aspects is important. It is stated in her <strategic policies>, <mission>, <vision>, <procurement policy>, ...”

2) Exclusion criteria

Non compliance with environmental and social legislation, which has been the subject of a final judgment or a decision having equivalent effect, may be considered an offence concerning the professional conduct of the economic operator concerned or grave misconduct, permitting to exclude the party concerned from competing for the contract

Ref:

Art. 53 and 54 of Directive 2004/17/EC and Art. 45 of Directive 2004/18/EC

3) Technical capacity (not exclusive)

The EMAS certificate, the Nordic Ecolabeling label for printing services, the ISO 14.001 certificate or equivalent certificates covering the printing service asked for, can serve as possible means of proof for companies to demonstrate their technical capacity to perform the environmental management measures. Equivalent certificates are issued by bodies conforming to Community law or the relevant European or international standards concerning certification and based on relevant European or international environmental management standards. Also all other means of evidence provided by the company that can prove this technical capacity will be accepted.



4) Technical specifications

Used paper:

The used paper will comply with the technical specifications for the following product groups as mentioned in www.gidsvoorduurzameaankopen.be:

- a) the product groups 'publication paper' in case the printing service concerns newspapers, magazines, supplements, catalogues and prospectuses;
- b) the product groups 'copying and graphic paper' in case the printing service concerns other publications than mentioned under a). This kind of paper is used in writing pads, drawing books, calendars, manuals, etc.

[Level: Basic + Medium + Advanced]

Chemicals and materials:

The requirement below covers only the following categories: printing inks, foils, laminates, varnishes, adhesives, toners, inks, washing agents, dampening solution additives (e.g. alcohol) and algicides used in the production of printed matter and purchased during the course of the year

Recyclability etc., printing inks, varnish, toners and inks

No other than one of the following inks or varnishes is used:

- a) vegetable printing inks or varnishes
- b) non-energy curable water-based inks or varnishes
- c) mineral oil-based printing inks or varnishes

[Vegetable printing inks and varnishes have a maximum of 2.0% by weight solvent that is mineral oil-based. "Mineral oil-based" means that the printing ink's oil or solvent base comes from mineral oil.]

[Level: Basic + Medium + Advanced]

Adhesives:

No other than one of the following adhesives is used:

- a) No adhesives used
- b) Adhesives that do not lead to problems in the recycling process
- c) Hot-melt adhesives or PUR adhesives (polyurethane adhesive)
- d) Water-soluble adhesives (e.g. dispersion adhesive)

[Level: Basic + Medium + Advanced]



Washing agents:

No other than one of the following washing agents is used:

- a) no washing agents
- b) washing agents that are not volatile (vapour pressure < 0.01 kPa)
- c) washing agents that are volatile (vapour pressure 0.01 – 0.05 kPa)

[Level: Basic + Medium + Advanced]

Dampening solution additives

No other than one of the following dampening solution additives is used:

- a) no dampening solution additives
- b) dampening solution additives that are not classified as allergenic (risk phrases R42 or R43), or which, in accordance with the manufacturer's recommended dosage, must be diluted so much in use that the strongest usage solution could not be classified as allergenic

[Level: Basic + Medium + Advanced]

Page and printing form production at the printer

No other than one of the following solutions is used

- a) technology without the use of film and printing forms (e.g. digital printing and photocopying)
- b) technology without the use of film (e.g. Computer to plate)

[Level: Basic + Medium + Advanced]

Evidence:



The compliance with all the criteria mentioned above can be proved with the following label:



Nordic Swan
Labeling

in case that the tendering company can present this label, any further proof is not necessary. Any other suitable evidence from a recognized body can also be used.

5) Awarding the contract:

	<i>Criterion</i>	<i>Weight</i>
1	Price <i>Calculation (e.g.):</i> Lowest offered price/ stated price x 0,70	e.g. 70%
2	Environmental criteria (The public authority formulates the points it wants to assign to the below mentioned criteria) <i>Calculation (e.g.):</i> Total scored points / maximum number of points x 0,20	e.g. 20%
3	...	e.g. 5 %
4	...	e.g.

Environmental criteria

Recyclability etc., printing inks, varnish, toners and inks

If vegetable printing inks or varnishes are used: (10 points)

If non-energy curable water-based inks or varnishes are used: (9 points)

If mineral oil-based printing inks or varnishes are used: (7 points)

[Vegetable printing inks and varnishes have a maximum of 2.0% by weight solvent that is mineral oil-based. "Mineral oil-based" means that the printing ink's oil or solvent base comes from mineral oil.]

[If several types are used, the points score is calculated on the basis of a weighting of the quantities purchased]

[Level: Basic + Medium + Advanced]



Metals as drying agents in printing inks and varnishes

- If printing inks and varnishes without metals as oxidising binders are used (energy inks, e.g. UV inks/varnishes, shall not be classified as dangerous for the environment to be awarded points): (2 points)
- If printing inks and varnishes with metals as oxidising binders without cobalt drying agent are used: (2 points)

[If several types are used, the points score is calculated on the basis of a weighting of the quantities purchased]

[Level: Basic + Medium + Advanced]

Adhesives:

- No adhesives used: (3 points)
- Adhesives that do not lead to problems in the recycling process are used: (3 points)
- Hot-melt adhesives or PUR adhesives (polyurethane adhesive) are used: (2 points)
- Water-soluble adhesives (e.g. dispersion adhesive) are used: (1 point)
- Self-adhesive adhesives are used: (0 points)

[If several types are used, the points score is calculated on the basis of a weighting of the quantities purchased]

[Level: Basic + Medium + Advanced]

Washing agents:

- No washing agents used: (3 points)
- If washing agents that are not volatile (vapour pressure < 0.01 kPa) are used: (2 points)
- If volatile washing agents (vapour pressure 0.01 – 0.05 kPa) are used: (1 point)

[If several types are used, the points score is calculated on the basis of a weighting of the quantities purchased]

[Level: Basic + Medium + Advanced]

Dampening solution additives

- No dampening solution additives are used: (2 points)
- If dampening solution additives that are not classified as allergenic (risk phrases R42 or R43) are used, or which, in accordance with the manufacturer's recommended



dosage, must be diluted so much in use that the strongest usage solution could not be classified as allergenic: (1 point)

[If several types are used, the points score is calculated on the basis of a weighting of the quantities purchased]

Page and printing form production at the printer

- If technology without the use of film and printing forms (e.g. digital printing and photocopying) is used: (5 points)
- If technology without the use of film (e.g. Computer to plate) is used: (3 points)

[If use is made of several types of technology at the practising company, points are scored for the poorest technology.]

[Level: Basic + Medium + Advanced]

Volatile organic compounds - VOC

Calculate points for VOC in kg per ton of paper consumption on an annual basis:
points = $30 \times (10 - \text{VOC used})/10$

maximum 30 points

[Level: Basic + Medium + Advanced]

6) Performance clauses:

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References

[Information of the public authority that used these clauses in a procurement case]

