



Electricity from renewable sources or high efficiency cogeneration – part 2 (reopening of the competition)

Republic of Slovenia, Ministry of Public Administration

- The amount of renewable energy was increased by 10 percentage points compared to the tender that led to the framework agreement (80% from renewable energy sources or high efficiency cogeneration instead of 70 %)
- 28,4 % reduction of CO₂e



Last tender

- 70% green electricity
- 8,652 t CO₂e/year

GPP 2020 tender

- 80% green electricity
- 6,193 t CO₂e/year

Results

4,917 t CO₂e savings for the remaining 2 years of the framework agreement

Contract tendered

- Tender for a 48 months framework agreement for the supply of electricity, principally from renewable energy sources or high efficiency cogeneration plants by the Public Procurement Directorate of the Ministry of Finance, Slovenia, in November 2013. The tender was published as an open procedure.
- After two years, the competition was reopened between all suppliers which have signed the general framework agreements, to again determine the most favourable tenderer. The results and the additional savings of the reopening are included in this document.
- Framework agreement to cover 210 contracting authorities (2,918 measurement sites). Contracting authorities are ministries, constituent bodies of the Government, Government offices, individual local self-government and public institutions that have authorised the Ministry of Finance to execute the tender on their behalf.
- Approximate quantity of electric energy put up for tender for all contracting authorities for four years was 428,854,205 kWh
- Total cost: 24,252,317 € (including VAT).

Procurement approach

Type of procurement procedure: Open procedure

Subject matter: Supply of electricity from renewable energy sources or high efficiency cogeneration sources for the needs of administrative authorities of the Republic of Slovenia

Specifications: At least 40% of the electricity supplied must be produced from renewable sources or high efficiency cogeneration sources.

Award criteria: The contract was awarded on the basis of the most economically advantageous tender. Each additional percentage of green electricity was awarded an additional 0.07% in tender evaluation, up to a maximum of 2.8%.

Contract clauses

Supplied energy contains a minimum of 40% (percentage from the bid) energy that must be produced from renewable sources of energy or high efficiency cogeneration sources. This must be proven by the supplier within one calendar year of the expiry of this contract. The supplier must prove this by providing an appropriate amount of attestations of origin of the electric energy on the account of the contracting authority. These attestations must be issued by state or regional bodies or independent organisations, mandated for the issuance of such attestations. Only this will be accepted as a proof that the goods meet the contractual demands.

Criteria development

This tender follows requirements included in the Decree on Green Public Procurement (Official Gazette of the Republic of Slovenia, No. 102/2011 and changes: <http://www.pisrs.si/Pis.web/pregledPredpisa?id=URED5194>). The Decree establishes the 40% minimum percentage green electricity, however the award criteria are determined by the individual authority.

Results

	CO ₂ emissions (t CO ₂ /year)	Energy consumption (toe/year)
Low Carbon Solution: 80% green electricity	6,193	6,453
Last tender – benchmark: 70% green electricity	8,652	6,453
Annual Savings	2,459	0.0
Savings (2 years)	4,917	0.0

Calculation basis

Calculation based on GPP 2020 Carbon and energy savings calculator for energy contracting:

- Total quantity of energy for the two years that remain of the 4-years-framework agreement is 150.098.972 kWh (75.049.486 kWh/year),
- Low carbon solution: 80% green electricity,
- Last tender (= first tender for the framework agreement): 70% green electricity,
- Slovenian electricity mix emissions: 0,345 kg CO₂/kWh,
- Green electricity: 0017 kg CO₂/kWh.

The energy consumption doesn't change as the quantity of energy consumed is the same.

Lessons learned

Setting additional demands, and not only the minimum demands set by the Decree on green public procurement (at least 40% of supplied electric energy must be produced from



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renewable sources), makes sense, as bidders are able to meet up higher standards and competitiveness is not compromised.

In the future the minimum percentage of supplied energy from renewable sources could be increased above 40%, and the percentage that that gives additional points could be lowered.

Contact

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Tender accessible at: <http://www.djn.mju.gov.si/javna-narocila/arhiv-javnih-narocil>

About GPP 2020



GPP 2020 aims to mainstream low-carbon procurement across Europe in support of the EU's goals to achieve a 20% reduction in greenhouse gas emissions, a 20% increase in the share of renewable energy and a 20% increase in energy efficiency by 2020.

To this end, GPP 2020 will implement more than 100 low-carbon tenders, which will directly result in substantial CO₂ savings. Moreover, GPP 2020 is running a capacity building programme that includes trainings and exchange. – www.gpp2020.eu



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About PRIMES



Across six countries in Europe; Denmark, Sweden, Latvia, Croatia, France and Italy, PRIMES project seeks to help municipalities overcome barriers in GPP processes, many of which lack capacity and knowledge.

PRIMES aims to develop basic skills and provide hands-on support for public purchasing organisations in order to overcome barriers and implement Green Public Purchasing. This will consequently result in energy savings and CO₂ reductions. – www.primes-eu.net



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