

National Green Public Procurement Guidelines



Mobile Phones

National target	2012	2013	2014
	10%	20%	30%

Date	Version No.	Change
Jun 2012	1.1	Minor revision of text
Oct 2011	1.0	First national guidelines for Mobile Phones

Definition:

These product group criteria are applicable to the mobile phone itself, the charger (external power supply) and peripherals; spare batteries and headsets

List of product items:		Pages:
1	Mobile Phones	3
2	Mobile Phone Chargers (External Power Supplies)	4

Applying GPP criteria

The National Action Plan for Green Public Procurement (www.gpp.gov.mt) requires **all contracting authorities** to consider and reflect the parameters (GPP criteria) stipulated below in the tenders for products falling under this product group. As a minimum requirement, these parameters must be included in technical specifications / terms of reference / bills of quantities (whichever is applicable, depending on whether the contract is for works, services or supplies) and in the corresponding selection criteria. These parameters may also feature as part of the subject matter of the contract, and, if the Most Economically Advantageous Tender (MEAT) procedure is used – in the award (evaluation) criteria

Subject Matter	"Subject Matter" means the title of the tender - i.e. a short description of the product, works or service to be procured.
Technical Specifications	"Technical specifications", in the case of public works contracts means the totality of the technical prescriptions contained in the tender documents, defining the characteristics required of a work, material, product or supply, which describes in a manner that fulfils its intended use by the contracting authority. "Technical specifications", in the case of public supply or service contracts, means a specification in a document defining the required characteristics of a product or a service, <i>'Technical Specifications must be requested in accordance with regulation 46 of LN 296/2010.</i>
Award Criteria	"Award Criteria" (Variants) are criteria the contracting authority will consider when evaluating the quality of the different bids which meet the minimum requirements. These are only applicable using the Most Economically Advantageous Tender (MEAT) procedure for evaluation

National Green Public Procurement Guidelines

	<p>and their selection must be related to the subject matter of the contract. These criteria shall be included in the contract documents or, in the case of a competitive dialogue, in the descriptive document, indicating all the criteria which are to be applied in the award of the contract. Relative weighting must be indicated with a minimum total of 15% for the GPP criteria.</p> <p><i>Variants are regulated under regulation 47 of LN 296/2010.</i></p>
<p>Performance Contract Clauses</p>	<p>“Performance Contract Clauses” may lay down by contracting authorities, provided that these are compatible with Community law and are indicated in the contract notice or in the specifications. The conditions governing the performance of a contract may, in particular, concern social and environmental considerations.</p> <p><i>Contract Performance Clauses are regulated under regulation 31 of LN 296/2010.</i></p>
<p>Selection Criteria</p>	<p>“Selection Criteria” focus on the company’s ability to perform the contract.</p> <p><i>Selection Criteria are regulated under 51 and 52 of LN 296/2010.</i></p>
<p>Verification</p>	<p>“Verification” means the proof required from the supplier that the Specifications are met by the product or service.</p>
<p>Note: The standards, regulations, legislations and directives referred to in these guidelines may have been revised in which case procurers must refer to the latest updates and versions.</p>	

National Green Public Procurement Guidelines

Mobile Phones

1.1 Subject Matter

Purchase of efficient mobile phones using environmentally sound materials.

1.2 Technical Specification

Materials

The carrier material of printed circuit boards must not contain substances or preparations that are classified according to Directive 1999/45/EC and 67/548/CEE or Regulation (EC) No 1272/2008 as follows:

- R40(/H351) (limited evidence of a carcinogenic effect)
- R45(/H350) (may cause cancer)
- R46(/H340) (may cause heritable genetic damage)
- R48(/H372) (danger of serious damage to health by prolonged exposure)
- R50/53(/H400 and H410) (very toxic to aquatic organisms / may cause long-term adverse effects in the aquatic environment)
- R60(/H360F) (may impair fertility)
- R61(/H360D) (may cause harm to the unborn child)

Beryllium oxide (BeO) must not be used in electronic components

Verification: Products holding a relevant Type 1 ecolabel fulfilling the listed criteria will be deemed to comply. Other appropriate means of proof will also be accepted.

1.3 Contract Performance Clauses

In addition to the most important technical data and instructions for use, consumer information shall also include the following:

- The product manufacturer must publicly provide information on product take back for example in user guide documentation, embedded in the user interface of the device or on the internet
- Information on battery/accumulator disposal
- Instructions on how to avoid power draw of adaptors when the mobile phone battery is not being charged

Verification: Products holding a relevant Type 1 ecolabel fulfilling the listed criteria will be deemed to comply. Other appropriate means of proof will also be accepted.

National Green Public Procurement Guidelines

Mobile Phone Chargers (External Power Supplies)

2.1 Subject Matter

Purchase of energy efficient chargers (external power supplies).

2.2 Technical Specification

Mobile phone chargers (external power supplies) shall meet the following requirements for both no-load power consumption and energy efficiency for the active mode:

No-load Power Consumption for external power supplies up to 8W for mobile handheld battery driven applications¹:

Rated Output Power (Pno)	No-load power consumption
$\geq 0.3W$ and $\leq 8.0W$	0.25W

Average active efficiency for external power supplies shall not be less than the following limits²:

	AC-AC and AC-DC external power supplies, except low voltage external power supplies	Low voltage external power supplies ³
$P_{no} \leq 1.0$ Watt	$0.480 * P_{no} + 0.140$	$0.497 * P_{no} + 0.067$
1.0 Watt $< P_{no} \leq 51.0$ Watts	$[0.063 * \ln(P_{no})] + 0.622$	$[0.075 * \ln(P_{no})] + 0.561$
$P_{no} > 51.0$ Watts	0.870	0.860

Verification:	<p>The bidder must provide a written guarantee that this criterion will be met.</p> <p>Note: The no-load condition power consumption and the average active efficiency shall be established by a reliable, accurate and reproducible measurement procedure, which takes into account the generally recognised state of the art. Measurements of power of 0.50 W or greater shall be made with an uncertainty of less than or equal to 2 % at the 95 % confidence level. Measurements of power of less than 0.50 W shall be made with an uncertainty of less than or equal to 0.01 W at the 95 % confidence level.</p>
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¹ Based on Version 4 of the EU Code Conduct on Energy Efficiency for External Power Supplies

² Based on Energy Star requirements and the ecodesign regulation for external power supplies, which was published in April 2009 (Commission Regulation 278/2009)

³ A low voltage model is an external power supply with a nameplate output voltage of less than 6 volts and a nameplate output current greater than or equal to 550 milliamps