

WATER SUPPLIES DEPARTMENT

STANDARD SPECIFICATION EM-00-05

GREEN PROCUREMENT

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1. General

This specification covers the green specifications for a list of 183 items of products commonly purchased by bureaux and departments as recommended by Environmental Protection Department (EPD) in 2021. In line with the Government's commitment to promote green procurement, Bureaux and departments are encouraged to adopt the respective green specifications whenever they purchase items on the list as far as possible. Details of the list of products and services and the recommended green specifications are stipulated in the Environment Bureau Circular Memorandum (EBCM) No. 1/2021 on "Green Procurement in the Government".

In addition to the above, products and services that can reduce carbon footprint during their manufacturing and operational processes are desirable and shall be adopted for use as far as possible if the functional requirements can be complied. Examples of such products may include natural organic products, high energy efficient equipment, B5 diesel oil, etc.

2. Green Procurement Requirements

The recommended green specifications of the prevailing 183 items as well as their verification methods can be downloaded from the following website at http://www.epd.gov.hk/epd/english/how_help/green_procure/green_procure1.html#a2. The list of items with green specifications may be reviewed and expanded by EPD from time to time.

According to EBCM No. 1/2021, if the products and services that are planned to be purchased are on EPD's green product/service list, the recommended green specifications for these items shall be adopted and included in the tender specifications.

The recommended green specifications in EPD's green product/service list are divided into mandatory requirements and desirable requirements. When there are three or more models meeting the green specifications for each product/service, it is considered that there is an adequate supply of that product/service in the market. In this connection, the product/service shall be specified as "mandatory" green requirements in the tender specifications. However, for green specifications with uncertain market availability, it shall be specified as "desirable" green requirements.

The following specification is prepared with reference to the recommended green specifications promulgated by EPD.

3. **Product List with Green Specifications**

With reference to the recommended green specifications promulgated by EPD, the design and construction of the following 27 products (out of the 183 items) to be purchased under the M&E contracts shall comply with the green specifications:

Code	Item Description
B02	PVC pipe and fitting
B05	Adhesives and sealants
B10	Photovoltaic panel
B16	Thermal insulation
B18	Varnish and wax polish
B26	Chiller
B27	Water pump / Pool pump
D01	Desktop computer
D02	LCD & LED monitor
D03	Network products (including LAN switches, routers, cables, etc.)
D04	Notebook computer
D05	Printer
D06	Server
D07	All-in-one multifunctional devices
D08	Scanner
D09	Computer keyboard & mouse
D11	External hard disk
F01	Domestic exhaust fan
F02	Electric fan
F05	Room air conditioner
F07	Dehumidifier
F19	Transformer
H01	Electronic ballast for fluorescent tube / lamp
H02	Fluorescent tube / Compact fluorescent lamp
H03	LED lamp
I02	Lubricating oil / Grease
M03	Fire extinguisher

The above list is by no means exhaustive. The green procurement requirements shall be specified in the Particular Specification of each contract.

– End of this Specification –