

ANNEX 2 - TECHNICAL SPECIFICATIONS

EXTREMELY URGENT SIMPLIFIED OPEN PROCEDURE FOR THE PURCHASE AND DISTRIBUTION OF EQUIPPED SCHOOL DESKS AND CHAIRS THROUGHOUT ALL OF ITALY

The tender concerns the supply and installation of 3,000,000,000 (three million) individual desks in the following lots:

- **Lot A: up to 1,500,000 (one million, five hundred thousand) individual traditional type desks** (excluding chairs) for first, middle and secondary school students, with the characteristics and measurements prescribed by standard UNI EN 1729: 2016 **and up to 700,000 chairs for standard type desks** in the measurements corresponding to the height of the desks.
- **Lot B: up to 1,500,000 (one million, five hundred thousand) innovative type school seats**, of extremely flexible use, for middle and secondary schools.

It is specified that the quantities indicated above for each type are approximate only, under the scope of the comprehensive need for three million desks and will be defined more precisely in the contract, together with the indication of the recipient schools, on the basis of the respective needs, as declared by the Ministry of Education.

The award may be made to multiple economic operators, depending on the quantitative and territorial availability they can offer.

Common characteristics

All products must have the following minimum essential characteristics, compliant with current UNI EN standards for the respective types and categories and meet at least the following additional minimum safety requirements:

- Minimum fire reaction, according to current standards;
- Classification in Class E 1, relative to the risk of formaldehyde emissions (in accordance with standards UNI EN 13986 - 2015);
- Compliance with the MEC (minimum environmental criteria) envisaged to guarantee the environmental sustainability of PA consumption;
- Total washability of surfaces and guarantee of their suitability to withstand frequent cleaning and sanitisation with products normally used to this end.

The above mentioned requirements must be suitably certified by the competent accredited independent entities.

Common complementary services

The supply must in any case include the transport and assembly of the furniture items at the recipient schools, **and the timely replacement of any that may be faulty or in any case do not comply with the characteristics required, under the scope of the guarantees specifically defined in the contract (see point 4, letter g of the tender notice), save the effects of the express termination clause (see point 13 of the tender notice).**

Characteristics of the traditional type desks and chairs

Compliance with the formal, dimensional and safety requirements UNI EN 1729: 2016 – part I and part II.

The desktops shall be 50 cm deep and between 60 cm and 70 cm wide. They will be coated in laminate and fitted with book trays underneath the tops.

The heights of the desks and chairs will be in the range provided for by UNI rules for the primary schools, as well as the first degree and second degree secondary schools.

The supporting structure of the desks and chairs will be painted metal, according to UNI rules.

In addition to that envisaged generally, under point 8 of the Tender notice will also be appreciated:

- a) the offer of variable height desks, without prejudice to the solidity of the construction and ease of use;
- b) the development of the desktops and chairs in multilayer wood;
- c) any construction requirements that improve on the minimums required by UNI standards;
- d) the offer of other aesthetic-functional improvements, such as easy movements, ease of storage, multifunctional use, etc.

Characteristics of the innovative type equipped teaching chairs

Multi-purpose equipped teaching seats fitted with at least five wheels, large movable work surface and suitably sized book or rucksack shelf.

Dimensional, safety, design, stability during use, resistance to rolling and resistance and duration requirements must be at least those prescribed by standards UNI-EN 13761: 2003, insofar as applicable.

In particular:

- chair height from floor: between 420 mm and 480 mm;
- seat depth: between 380 mm and 470 mm;
- seat width: at least 400 mm;
- dimensions of the mobile desk top: no less than 500 mm by 30 mm;
- height of the desk top from the floor: at least 710 mm.

As these are products that are not yet classified by UNI EN standards in the category of school desks, the functional fitness for use in sub-university educational institutes must be suitably certified by the persons responsible for the institutes in which said seats have already been used (Please see Attach no. 3 “Domanda di Partecipazione”).

In addition to that envisaged generally, under point 8 of the Tender notice, the following will also be appreciated when evaluating the offers:

- a) resting on six wheels;

- b) wheel lock;
- c) variability of the height of the chair and desk top;
- d) availability in multiple pastel colours.