Annex No. 1

to the Framework agreement

**Registered by the Buyer under No. \_\_/ /**

**Registered by the Seller under No. \_\_\_\_\_\_\_\_\_\_**

**Technical specification of the subject of performance:**

1. Prelaminates must be made of:

* PVC ([polyvinyl chloride](https://slovnik.seznam.cz/preklad/anglicky_cesky/polyvinyl%20chloride))
* PC (polycarbonate)
* or from another material agreed by both parties in advance (material shall always be specified in the partial order) and equipped with a chip module according to the production needs and requirements of the Contracting Authority (type and encapsulation of the chip module shall always be specified in the partial order).

1. The antenna must be wound from copper wire and its operating frequency must be in accordance with the recommendations of the manufacturers of the relevant chip modules, in the range of 11.5 - 18.5 MHz for High frequency chips (exact frequency including tolerance shall always be specified in the partial order) and 125 + / -6 kHz for low frequency chips. The operating frequency of the antenna must be constant for at least the entire warranty period so that the contactless chip card works reliably with fixed readers. No printed antenna is allowed. The value of the resonant capacitor of the chip in the supplied Prelaminates is 17 pF.
2. Defective Prelaminates must be physically degraded on the sheet (eg. by drilling, by cutting the antenna, etc.) and at the same time clearly and unmistakably marked.
3. The sheets must have dimensions of 435 +/- 1 mm x 295 +/- 1 mm for 3 x 7 positions or 330 +/- 1 mm x 295 +/- 1 mm for 3 x 5 positions (dimensions shall always be specified in the partial order). This dimensional requirement allows easy and fast positioning of the individual layers of the card sandwich and precise finishing of the sheets on the fixed pins of the collating plates. A material thickness of max. 0.420 +/- 0.030 mm applies to both dimensions.
4. The method of placing the antenna in the Prelaminate must guarantee the permanently required operating frequency of the antenna and reliable operation of the card.
5. The participant shall submit a drawing/cross-section method of antenna´s position which shall be a part of offer. In the bid the participant shall submit a drawing/ [cross](https://slovnik.seznam.cz/preklad/anglicky_cesky/cross)-[section](https://slovnik.seznam.cz/preklad/anglicky_cesky/section) method of pacing the antenna:
   1. Low frequency chip into Prelaminate,
   2. High frequency chip into Prelaminate,
   3. Low frequency and High frequency chip on a single Prelaminate.

A maximum of 2 defective Prelaminates is permitted on one sheet in 3x5 Prelaminate formats and a maximum of 3 defective Prelaminates is permitted on one sheet in 3x7 Prelaminate formats. It is not permitted to exceed 2 % of defective Prelaminates delivered within one partial delivery.