**Annex F**

**Technical Specifications for Saffron bulb and Saffron bulb toolkits**

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| **S/N** | **LOT Number/ Location** | **Physical attributes Specs of the Saffron Bulbs.** |
| 1 | Saffron Bulb 8 gr and 6 gr for Herat and Farah. | * The Saffron bulbs should be of high quality with country of origin being Afghanistan. * Big size Saffron bulbs should be 8 gr or diameter of 3cm or medium size of 6 gr or diameter of 2.5cm. * Saffron bulbs for planting should come from 2- to 4-year-old saffron hot air-dried corm bank or saffron multiplication field. * Saffron bulbs should be healthy with no injuries, wilted and scorched, or scratched * Saffron bulbs should be free from pests and diseases (*fusarium oxysporum, rhizoctonia violacea, macrophomina phaseolina, penicillium corymbiferum, phoma crocophila, burkholderia gladioli*). * The saffron bulb should be dry and not withered * The saffron bulb should be covered with its natural brown fiber which protects the saffron bulb against environmental factors and vulnerability. * Saffron bulbs should be disinfected technically using suitable disinfectant spices. * Drought resistant Saffron bulbs. * The Saffron bulbs should be treated * The Saffron bulbs should be free from muds or soil. |
| Packaging and Transportation of the Safron Corms Pac |
| Saffron bulb should be packed and labeled with stickers, labels, tags with the following information:   * The package contents (saffron and its quality classification) * Moisture content of the Saffron bulbs * Weight of the Saffron bulbs. * The Saffron bulbs should be certified, quality commercial seed with germination rate of 80% and above (Germination rate labeling should be visible. * Any additives (presumably none in the case of saffron) * Net weight of the saffron bulbs. * Saffron bulb treatment used if any. * Name, address, telephone, e-mail of importer (i.e. who to contact if there is a problem with the saffron) * A lot number to identify the source of the saffron, as close to origin as possible (to trace the cause of any problem). * A date of removing from filed (production date which will vary depending on the date of harvesting). * Saffron corms to be packed in plastic baskets (nets) or carton boxes. * A maximum load of 15 – 20 kg per box is recommended. |
| 3 | DAP for Herat and Farah | The Diammonium Phosphate (DAP) should be composed as follows:   * Nitrogen: 15-18% * Phosphorus: 42-46% * Particle size: 1-4 mm * pH value: 6-7.2 |
| 4 | Urea for Herat and Farah | The Urea should be as per Below standard requirements:   * Nitrogen: 46% * Biuret: 1.5% * Moisture: 0.5% * Particle size: 2-4 mm |
| 5 | Saffron bulb toolkits for Herat and Farah, please see the attached picture in Annex A 3.1 and Annex A 4.1 | * Shovel with high quality 1 unit * Sickle high quality 1 unit * Garden Rake high quality 1 unit * Plastic basket with high quality for saffron flower picking, big size 2 unit * Plastic dishes with high quality for keeping saffron stigma small size 2 unit. * Sterilize gloves 1 box (100 pcs) * Stainless steel Tray with high-quality medium size 2 pcs. |