# *ANNEX II + III:* TECHNICAL SPECIFICATIONS + TECHNICAL OFFER

**Contract title: Supply of sound equipment** **p 1 /5**

**Publication reference: CB007.2.12.158-PP3-TD02**

**Columns 1-2 should be completed by the contracting authority**

**Columns 3-4 should be completed by the tenderer**

**Column 5 is reserved for the evaluation committee**

Annex III - the contractor's technical offer

The tenderers are requested to complete the template on the next pages:

* Column 2 is completed by the contracting authority shows the required specifications (not to be modified by the tenderer),
* Column 3 is to be filled in by the tenderer and must detail what is offered (for example the words ‘compliant’ or ‘yes’ are not sufficient)
* Column 4 allows the tenderer to make comments on its proposed supply and to make eventual references to the documentation

The eventual documentation supplied should clearly indicate (highlight, mark) the models offered and the options included, if any, so that the evaluators can see the exact configuration. Offers that do not permit to identify precisely the models and the specifications may be rejected by the evaluation committee.

The offer must be clear enough to allow the evaluators to make an easy comparison between the requested specifications and the offeredspecifications.

| **1.**  **Item number** | **2.**  **Specifications required** | **3.**  **Specifications offered** | **4.**  **Notes, remarks,  ref to documentation** | **5.**  **Evaluation committee’s notes** |
| --- | --- | --- | --- | --- |
| **1** | **Audio digital mixer:**   * minimum 16ch   + l2x mic / line inputs plus   + 4x mic / stereo inputs |  |  |  |
| **2** | **Loudspeaker minimum 350 W**   * B&C Custom 380mm (15”) neodymium woofer with 75mm (3”) voice coil * B&C 36mm (1.4”) compression driver with 64mm (2.5”) coil |  |  |  |
| **3** | **Loudspeaker minimum 600 W**   * Frequency response: 38Hz – 120Hz (@-6dB) * Low frequency woofer: 18” / 3” coil |  |  |  |
| **4** | **Active speaker monitor minimum 520 W**   * B&C Custom 380mm (15”) neodymium woofer with 75mm (3”) voice coil * B&C 36mm (1.4”) compression driver with 64mm (2.5”) coil * XLR input and XLR link * 3-band EQ (bass, mids, lows) |  |  |  |
| **5** | **Amplifier minimum 2x1800 W** |  |  |  |
| **6** | **Audio connection panel**   * 19-inch rack size- IU * Number of channels - 2 * 2 x XLR line-in, 2x XLR line-out and speakON speaker-connectors for Low, Mid/High and bi-amping operation |  |  |  |
| **7** | **Transport rack case**   * Minimum 6 unit |  |  |  |
| **8** | **Set of vocal microphones**   * dynamic * CooaectorXLR-3 * Frequency range: 20 - 20,000 HzImpedance: 146 Ω11-52 V Phantom power * Frequency range: 50 - 16,000 HzMaximum sound pressure level: 140.5 dBOutput impedance: 290 Ohm * Directivity: CardioidFrequency range: 50 - 15,000 HzOutput impedance: 300 Ohm * Frequency response: 40-15000 HzOutput Impedance: 310 Ohm Cardioid |  |  |  |
| **9** | **Wireless microphone**   * RF Carrier Range174 - 216 MHz, 470 - 865 MHz, 1492 - 1525 MHz, 1785 - 1805 MHz, varies by region * RF Sensitivity−97 dBm at 10−5 BER * With body pack |  |  |  |
| **10** | **Di- box**   * Audio circuit type: Passive, transformer based * Frequency response: 20Hz ~ 20KHz (± 0.2dB) * Dynamic range: 135dB * Total harmonic distortion: 0.05% from 20Hz ~ 20kHz @-10dB |  |  |  |
| **11** | **Loudspeaker cable - 15m** |  |  |  |
| **12** | **Loudspeaker cable- 1,5 m** |  |  |  |
| **13** | **Microphone cable, 10 FM — 10 m** |  |  |  |
| **14** | **Microphone cable, 1,5 FM - 1,5m** |  |  |  |
| **15** | **Microphone cable, 1 FM, lm** |  |  |  |
| **16** | **Instrumental cable** |  |  |  |
| **17** | **Microphone stand**   * Chrome plated * classic mic stand with boom arm, heavy base, folding tripod feet. |  |  |  |