**Commodity Description**

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| Item No. | Product Description | Unit | Q’ty |
| 1 | > 1200L Single Door Steam Steriliser (Autoclave) | Set | 1 |

1. **General Description**
   1. Description: Single Door Steam Steriliser (Autoclave)
   2. General Specification
      * 1. Overall size: W1,620 x H1,900 x D2,173 mm (approximate)
        2. Chamber volume: greater than 1,200L
        3. Working temperature range: 110 - 134⁰C adjustable
        4. Various sterilisation cycles
        5. Various validation test programs such as;
           1. Bowie-Dick test program
           2. Vacuum pump test program
           3. Leak test program
        6. Steam should be supplied using an electric boiler
   3. Component
      1. Main body
         1. > 1200L Single door steam steriliser (Autoclave) – 1 set
      2. Accessories
         1. Loading trolley with castors for transporting the sterilisation material before or after the sterilisation process.
         2. Bio-seal
         3. USB Port
         4. Vacuum break filter/ air filter
         5. Vacuum breaker
         6. Door gasket
         7. Chamber & jacket pressure gauge
         8. Liquid temperature sensor
         9. Inbuilt printer for tracking and documentation of sterilisation process and receipt paper rolls
         10. Drain cooling system
         11. User-friendly control system
         12. Safety device
         13. Audio visual alarm system
         14. Operating manual
2. **Remarks**
   1. 2-year warranty service for spare parts and 15-year warranty for the chamber should be provided.
   2. The product should satisfy all criteria outlined in the imported pressure vessel regulations by Korea Energy Agency, if necessary.
   3. The supplier should attach an inspection report of the pressure vessel issued by Korea Energy Agency in the manufacturing report and submit it to IVI. The supplier should submit the inspection report on the structure of the pressure vessel issued by Korea Energy to IVI upon installation, if necessary.
   4. The chamber of the steriliser must be inspected and approved by Korea Energy Agency, if necessary.
   5. The supplier should visit the installation site and provide detailed information on utility requirements for installation of the equipment in advance. The supplier should provide guidelines on utility connection.
   6. The supplier should check and confirm the floor plan. The supplier should install the equipment in accordance with the site conditions and associated fees (delivery fee, installation fee, waste disposal fee, etc) should be covered by the supplier.
   7. Installation and maintenance of the equipment must be performed by an accredited engineer.
   8. Installation and operation must be performed and tested at the end user’s site by the supplier.
   9. An acceptance test should be run after installation. The test should be confirmed by the final user at IVI.
   10. Training should be provided for users.
   11. A detailed user manual should be provided.
   12. The equipment should be delivered within 3 months from the date of purchase.

**\*\*비고**

1. 납품자는 계약일로부터 180일 이내에 발행된 압력용기 용접 검사증을 한국 에너지관리공단으로부터 취득하여 장비 생산 상황 보고서에 첨부해 국제백신연구소에 제출해야 하며, 납품 시에는 한국 에너지공단으로부터 발행된 압력용기 구조 검사증을 제출해야 한다.
2. 장비의 구조는 한국 에너지관리공단에 제출한 도면 및 강도 계산서와 일치하여야 하며, 만약 제출 서류와 장비의 구조가 상이할 시 개조 검사를 수행하여야 한다. 이와 관련하여 발생하는 모든 금액은 납품자의 부담으로 한다.
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4. 설치 완료 이후 한국 에너지관리공단 설치검사 대행을 포함한다.