**SPECIFICATION FOR LABORATORY GLASSWARE WASHER/DISINFECTOR/DRYER UNIT :**

**Essential Specification:**

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| 1. | Chamber volume of Washer/Dryer | Option 1: 150 – 200 liters capacity  Option 2: 200 – 275 liter capacity.  Please quote for both the above options |
| 2. | Internal chamber type | Inner chamber, washing arms and tank filters made of high quality AISI 316 L stainless steel. |
| 3. | Front Glass Door | Glass Door version – Inside chamber must be visible,  while in washing/drying run. |
| 4. | Control System | Soft touch LCD display. Microprocessor controlled. |
| 5. | Cleaning Liquid Dispenser | Minimum two automatic internal liquid dispenser |
| 6. | Standard pre-programmed cycle | At least 10 pre-programmed standard cycles. |
| 7. | Internal wash temperature control | Fully adjustable wash temp. up to 90deg C |
| 8. | External tap water filtering system | Must include all external tap water filtering system  Preferably from local supplier |
| 9. | Internal Baskets for placement of glassware inside | Must include basic 3 or 4 multipurpose baskets for storing test tubes, beakers, conical flasks, round bottom flasks, pipettes and petri dishes. |
| 10. | Built in Dryer Unit | Built in forced air dryer unit for drying entire glassware content after the wash/rinse cycle. |
| 11. | Consumables required for washing/ drying cycle | Must provide all necessary washing chemicals for 100 wash run cycle.  All quality washing chemicals must be easily available in Indian market at reasonable price (Indian Rupees). Imported washing chemicals/ consumables are discouraged. |
| 12. | Installation and Commissioning | The vendor must carry out the installation and commissioning at site, including the installation of tap water filter system. The tap water inlet and drain will be provided at site. |
| 13. | Warranty Period | Minimum TWO years full comprehensive warranty must be provided for all parts in this equipment. |
| 14. | End User Training at site | Necessary end user training and instructions must be provided to all users at site. |
| 15. | List of present users in India | Must provide the list of users/ customers of this equipment in India. |

**Desirable Specification:**

1. Telescopic bearing railing for loading the basket.
2. Operator and Service manual with all spare parts list.
3. Availability of all spare parts and service support in India for the next 10 years.