Annexure-1

Technical Data Sheet for Tanks without Inner Lining

| Sl.No. | Description/Designation | Fresh Water Tank | Emergency Overhead Tank |  |
| --- | --- | --- | --- | --- |
| 1 | Installation | Outdoor at ground level | Outdoor at elevated level of 45mtr |  |
| 1a | Area | FGTR plant area | FGTR plant area |  |
| 2 | Type | Covered and Vertical cylindrical | Covered and Vertical cylindrical |  |
| 3 | Qty. | One (1) | One (1) |  |
| 4 | Storage Medium | Filter quality water | Filter quality water |  |
| 5 | Material of construction | IS 2062 Gr B | IS 2062 Gr B |  |
| 6 | Thickness of Inner Lining | Inner Lining Not required | Inner Lining Not required |  |
| 7 | Internal Fasteners and reinforcement MOC | Carbon Steel | Carbon Steel |  |
| 8 | External Fasteners and reinforcement | Carbon Steel | Carbon Steel |  |
| 9 | Internal ladder MOC | As per GA drg attached | As per GA drg attached |  |
| 10 | External ladder | As per GA drg attached | As per GA drg attached |  |
| 11 | Not used |  |  |  |
| 12 | Capacity  (Net) | 25.0 M3 | 5.0 M3 |  |
| 13 | DIA X HEIGHT ( M X M ) | 3.0 X 3.6 | 2.0 X 2.0 |  |
| 14 | Thickness, mm (Bottom plate, Shell, Roof ) | 10,6,6 | 10,6,6 |  |
| 15 | Design Standard | IS-803 or Equivalent | IS-803 or Equivalent |  |
| 16 | Design Pressure | Atmospheric | Atmospheric |  |
| 17 | Design Temp. | 60 Deg C | 60 Deg C |  |
| 18 | Manholes with lifting lug, cover, bolts, nuts, gaskets | Yes | Yes |  |
| 19 | All nozzles with counter flanges | Yes | Yes |  |
|  |  |  |  |  |
| 20 | Earthing pad | Yes | Yes |  |
|  |  |  |  |  |
| 21 | Nozzle sizes& qty. | Yes | Yes |  |
|  |  |  | | |
| 22 | Instruments | No | No |  |