

Drinking water system for all the schools having student strength more than 75

Cost, supply, erection, installation and testing of Drinking water unit with the following sub units:
Design : up to 500 students

If there are more than 500 students install extra such system in the school at different location

No of fillings : 1-3 depending on the number of students and season

- 1. Raw water storage tank:** This tank having 500 lts capacity and size of
 - 765 mm shell dia
 - 1050 mm shell height
 - 500 mm dia lid (manhole) on top with locking system
 - made with 304 grade 16 gauge (1.6/1.5 mm) stainless steel sheet (Jindal/Tata/salem SAIL/ Vizag steel)
 - 4Nos of 550mm height, 25mm x 25 mm size **3mm** thickness SS angles legs with 25mmx25mm size **3mm** thickness SS angles including necessary pipeline arrangements with 1½” outlet and inlet and drain pipeline



2. Treated watered tank :

This tank having 300 lts capacity and size of

- 765 mm shell dia
- 550 mm shell height
- 500 mm dia lid (manhole) on top with locking system
- made with 304 grade 16 gauge(1.6/1.5 mm) stainless steel sheet (Jindal/Tata/Salem SAIL)
- 4Nos of 1250 mm height, 25mm x 25 mm size 3mm thickness SS angles legs with 25mmx25mm size 3mm thickness SS angles including necessary pipeline arrangements with 1" inlet and 1 & ½" outlet and drain pipeline



3. ULTRA VOILET SYSTEM FOR WATER TREATMENT UNIT :

- 1) Vessel / dual Media of 255 mm dia and 1370 mm height
10"x54" (Make: Pentair)
- 2) 40 kg Quartz sand (3mm- 5 mm size) make
- 3) Activated carbon 25kg- coconut shell based (2-5 mm size)
MAKE Activated carbon india/ SR carbon
- 4) 25 nb multiport valve - UKL Make
- 5)Jumbo filter housing with 5/10 micron - pratam make
- 6) Uv system with 1000 lph capacity with stainless steel 0.5 m
height -make ALFA, Philips lamp (15l model) 1000 lph
- 7)40mm 304 grade square pipe stand with compact equip
ment skid mounted
- 8)Cpvc pipe line with necessary fittings -Make Birla Airocon.



Coconut shell based Activated Carbon



Quarzite sand

4. Stainless steel Sink: 18 gauge (1.20mm thick), 304 grade SS sink of size 3000x 300 at 800mm height from floor level to taps and **900 mm** height with 8Nos of SS coated GM push taps with 38.11mm dia CPVC connecting pipe upto 30' length with necessary CPVC clamps at every 1.00mt 40mm x 40mm size **SS 304 square** tubes at bottom of legs for level adjustment.





- (1) RAW WATER STORAGE TANK 500 LITRES
1.6 MM THK -SS 304 GRADE
765DIA *1050SHELL HEIGHT**
- (2) ULTRA VIOLET (UV) SYSTEM WITH 40 MM
SKID SS304 TUBE**
- (3) PRODUCT WATER STORAGE TANK
300 LITRES - 765 DIA & 550MM SHELL
HEIGHT 1.6 MM THICK & SS 304 GRADE**
- (4) WATER DISPENSER WITH 8 TAPS WITH SS 304
3000 MM WIDTH AND 1000 MM
HEIGHT FROM FLOOR . 1.2 MM THICKNESS**

COMMERCIAL TERMS AND CONDITIONS for the above specifications)

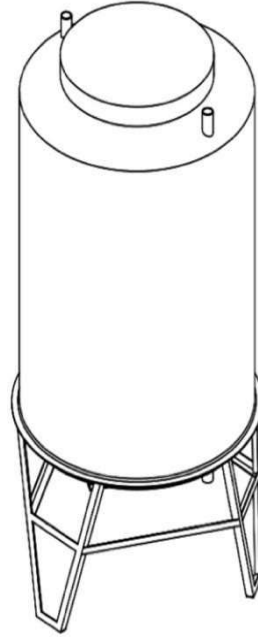
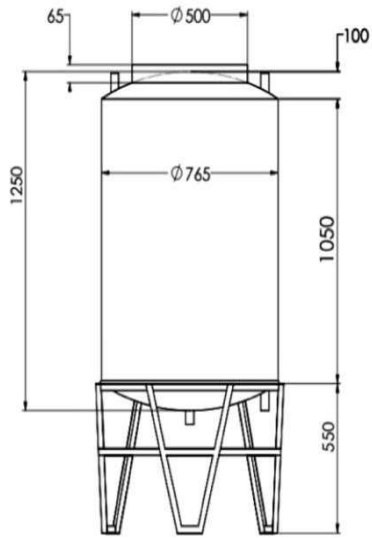
| | |
|---|-------------|
| 1. SS 500 litres raw water tank 1.6mm 304 – | |
| | Rs.26,000 |
| 2. SS 300 litres product water tank 1.6mm- | |
| | Rs.22,000 |
| 3. Filter system with UV system | |
| with skid of 40mm 304 square tube (with two cartridge filter) | |
| | Rs.28,000 |
| 4. 304 grade Water dispenser - | |
| 8 taps 1.2mm thick | Rs 33,000 |
| 5. Stainless steel centrifugal Pump 0.5 HP CRI/LUBI/Leo with 2 | |
| years warranty | Rs 4000 |
| 6. Transport anywhere in Andhra Pradesh | |
| including commissioning | Rs. 8000 |
| | ----- |
| | Total |
| | Rs 1,21,000 |
| | GST |
| | Rs 21,780 |
| | ----- |
| | Total |
| | unit cost |
| | Rs 1,42,780 |

Terms & conditions

1. Advance 30 % with work order
2. Balance payment at the time of commissioning
3. Warranty : 2 years for all items from the date of commissioning

Dimensions :

500 lits SS tank



300 lits SS tank :



Water Dispenser :

