

## **Agartala Tour Report**

**By Mr. S.S. Narula (Water Supply & Sewerage Engineer) 18<sup>th</sup> to 19<sup>th</sup> June 2013**

Works of water supply of Agartala town have been split into 3 Tranches. Under Tranche-I construction of 22 tube wells and under Tranche-II works of over head Service reservoirs, Ground water treatment plants, rising main from tube wells and distribution system of one zone (South) with other appurtenant works have been approved. So far work of tube wells of Tranche-I could have been started. Work of tube wells is being in 4 lots. In the 1<sup>st</sup> lot, 6 tube wells with all civil & mechanical works have been completed & commissioned but due to heavy iron contents water is being supplied from only 2 tube wells where iron removal plants are functional. The remaining will be put on use after construction of WTPs. In lot 2 and 3 work of 8 tube wells each are being done where as construction of pump houses for all the 16 tube wells has been taken up in lot 4.

### **Status of Tranche-I**

Following officials were present during site visit

1. Mr. M. L. Sarkar, Advisor, SIPMIU
2. Mr. A. Chakraborty, Project manager, SIPMIU
3. Mr. D. Dhar Assistant Engineer, SIPMIU

### **Tube well wise status is as below:**

#### **A. Lot 2:**

1. Sree Nagar: Tube well has been bored in May. Test report of water sample was awaited. It will be connected to the water Treatment plant proposed in PHE complex. The work of pump house for this tube well has also been started.
2. Sreepalli: this tube well was also bored in May. Test report of water sample was awaited. It will also be connected to the water Treatment plant proposed in PHE complex.
3. PHE Complex: Status is same as of Sreepalli.
4. Gajaria: Tube well has been bored. Test report of water sample was awaited. It will be connected to the Water Treatment Plant proposed at Swami Daya Nand Ashram.
5. Beltali: Tube well has been bored. Test report of water sample was awaited. It will be connected to the water Treatment plant proposed at Swami Daya Nand Ashram. The work of pump house for this tube well is also started.
6. Near Pragati School: Tube well has been bored. Test report of water sample was awaited. It will be connected to the water Treatment plant proposed at the same campus.

## B. Lot 3:

1. Rantus Colony: Tube well has been bored. Test report of water sample was awaited. It will be connected to the water Treatment plant proposed at Aralia 2.
2. Mahashakti: Drilling of tube well is in progress. Lowering of casing pipe is expected within a week. It will also be connected to the water Treatment plant proposed at Aralia 2.

Thus so far work of boring of 6 tube wells of lot 2 and 1 of lot 3 is complete and 1 of lot 3 was in progress. Contractor has yet to go for supply of pumping plants. It was informed that the rig machine, being used for lot 2, is in repair/service and hope that it will also be put on work by next week. It seems that proper attention in finalisation of alignment is not being given at DSMC level. **Even during visits for tube wells under lot 1, it was suggested that because of constrained of availability of limited area, alignment of pump house should be marked at site prior to putting the rig machine so that tube well could be bored at defined point in the pump house. SIPMIU/DSMC is again advised to follow it so to maintain uniformity.**

Note; SIPMIU has informed that water sample test reports for 4 tube wells have been received.

## Status of Tranche-II

The works proposed under this Tranche have been divided in 8 packages. 6 packages have already been awarded but work at ground is yet to start. It was informed that testing of soil, structural design of reservoirs has been received and is being checked by DSMC and will be finalised by end of this month. Similarly contractor for WTP has also submitted the basic engineering and hydraulic design of WTPs. **SIPMIU is advised to get them finalised on priority so that work of execution could be started at the earliest.** However contractor of WTP has started to mobilise its resources and started some activities at this site. In the package of distribution network, excise exemption certificate for pipes supply has been made available to contractor. As far as under package for bulk flow meters, material is received but installation work is yet to start. For the remaining 2 packages, one is in process of bidding and the other of repair of steel tanks is to be re-bid later on.

(S. S. Narula)