

**GOVERNMENT OF TELANGANA**  
**IRRIGATION DEPARTMENT**

**Office of the Chief Engineer,  
Minor Irrigation, Jalasoudha Bldg.  
Errummanzil, Hyderabad.**

**Circular Memo.No.DCE-II/OT1/TO2/Mission Kakatiya/Guidelines/2014,  
Dt.31.12.2014.**

**Sub:** Minor Irrigation – Restoration of Minor Irrigation Tanks – “Mission Kakatiya” – Guidelines & Finalization of rate to be adopted for silt removal – Communicated – Reg.

**Ref:** Hon’ble Chief Minister’s Meeting dt.25.09.2014 & dt.26.10.2014.

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Hon’ble Chief Minister of Telangana during the one day workshop held on 25.09.2014 with Minor Irrigation dept. has announced a prestigious programme for restoration of Minor Irrigation Sources in the State under the name “Chinna Neeti Vanarula Punaruddarana”. Later the name of the programme was changed to “Mission Kakatiya”. Under the above programme a total of 46531 Minor Irrigation Sources are proposed to be restored to their original standards in a span of 5 years. In the current financial year 2014-15 about 9363 No. of M.I. Sources including desilting of sources are proposed to be restored in the entire State.

For timely and proper implementation of this prestigious programme a set of guidelines were framed and finalized in consultation with Engineer-in-Chief (Irrigation). A copy of guidelines are herewith enclosed.

**Procedure for implementation of Silt Removal / Silt Application:**

- ▶ Desilting of tanks is taken up for the first time in the minor irrigation therefore after due deliberations with the field officials and the Engineer-in-Chief (Irrigation) a procedure for excavation of silt and application of the silt is evolved and is as follows:
- ▶ The total quantity of silt to be excavated from the tank is to be assessed in the first instance.
- ▶ The basic rate of excavation of silt from the tank bed is Rs.40.10/Cum without any lead.
- ▶ Out of the total quantity of silt to be excavated, based on the site condition, the quantity of silt which is not useful to the farmers is to be assessed and should be dumped within a distance of not more than 1Km. The rate for excavation and dumping within 1 Km. is to be adopted as Rs.71.50/Cum (40.10+31.40) for 1 Km. lead). The above quantity is to be included in the agreement and executed with the above rate.



- ▶ Out of the balance, if the soils are suitable to be used for strengthening of the bund the same may be proposed with a rate structure as per IRR DAW 5-5, i.e., Rs.141.00+22.00 (Seignorage)/Cum including excavation. The bed of the tank is to be used as a quarry for bund improvement.
- ▶ The balance silt is proposed with excavation rate only i.e., Rs.40.10/Cum, assuming farmers should transport the silt to their fields with their own transportation cost.
- ▶ Provision of transporting the silt to a dumping yard not more than 1Km. is to be provided in the estimate in case, the farmers does not come forward for transportation of silt to their fields while execution of work. This lead should not be included in the agreement. Depending on the farmers willingness to transport silt, the situation will be assessed and further orders of the Chief Engineer, Minor Irrigation may be obtained and the supplement agreement for dumping of soil.
- ▶ If more lead is required that extent may be proposed with inspection of concerned Superintending Engineer/ Executive Engineer.
- ▶ It may be permitted to mention lead charges in estimate and relaxation to conclude supplemental agreement when required.

**Example for Silt Removal / Silt Application:**

Suppose silt proposed to be removed from bed of a tank is 1000 Cum

- a. Say 100 Cum of un-useful is assessed as pe the site conditions, propose it to dump @ 1 Km. lead with rate structure of Rs.71.50/Cum and has to be included in the agreement.
- b. Useful soils if any say 300 Cum proposed to be used for Strengthening of the bund, the rate structure to be followed is IRR DAW 5-5 i.e., basic rate is Rs.141.00+22.00 (Seignorage) including excavation. The bed of the tank is to be used as a quarry for bund improvement.
- c. The balance silt quantity is  $1000 - (100+300) = 600$  Cum Qty, only excavation rate of Rs.40.10 is to be propped.
- d. Separate lead charges for the above "C" item i.e., 600 Cum is to be proposed in the estimate. These lead charges should not be included in calling of tenders. This will be allowed in the estimate only.



S. No.	Description	Items proposed in the DATA 2014-15	Rate Proposed
1.	Un-useful silt	Rate is proposed with 1 Km. initial lead	71.50/Cum
2.	Useful soils if any proposed to be used for strengthening of bund.	Rate is proposed with 1 Km. initial lead including excavation & Banking	141.00/Cum + 22.00 (Seignorage)/ Cum
3.	Silt to be transported by the farmers	Rate is proposed excavation without any initial lead	40.10/Cum

The detailed data is herewith enclosed for information.

**Sd/-**  
**Chief Engineer,**  
**Minor Irrigation.**

**Example for Silt Removal / Silt Application:**

- Suppose silt proposed to be removed from bed of a tank is 1000 Cum
- Say 100 Cum of un-useful is assessed as per the site conditions, propose it to dump @ 1 Km. lead with rate structure of Rs.71.50/Cum and has to be included in the agreement.
  - Useful soils if any say 300 Cum proposed to be used for strengthening of the bund, the rate structure to be followed is IRR DAW 2-2 i.e., basic rate is Rs.141.00+22.00 (Seignorage) including excavation. The bed of the tank is to be used as a quarry for bund improvement.
  - The balance silt quantity is  $1000 - (100+300) = 600$  Cum Qty, only excavation rate of Rs.40.10 is to be proposed.
  - Separate lead charges for the above "C" item i.e., 600 Cum is to be proposed in the estimate. These lead charges should not be included in calling of tenders. This will be allowed in the estimate only.

