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GOVERNMENT OF ODISHA

DEPARTMENT OF WATER RESOURCES

RESOLUTION

The 3rd January 2015

SUBJECT— “Implementation of a New Scheme : “Rooftop Rainwater Harvesting & Ground Water Recharge in Urban Areas.”

Government of Water Resources Department (DoWR) has decided to launch a new State Sector Scheme for rainwater conservation and ground water recharge through adoption of Rooftop Rainwater Harvesting Systems (RRHS) in private buildings in ULBs and Government buildings in the State. Due to rapid urbanization, the scope of natural ground water recharge is being reduced day by day. Such a situation will eventually lead to water table depression and water quality degradation. Rainwater conservation and ground water recharge practices are essentially required to be adopted for sustainable ground water management in these areas.

Keeping the above objective in view, the new Scheme has been formulated to be implemented over a period of five years i. e. from 2014-15 to 2018-19. The Scheme is to be launched on pilot basis, within the urban local areas of Bhubaneswar, Berhampur, Titilagarh, Balangir and Jharsuguda, Subsequently, towns facing acute shortage of drinking water will also be covered. This is a subsidy based Scheme which is to be implemented by the Directorate of Ground Water Survey & investigation (GWS&I).

Salient features of the Scheme :

Any person, in the specified ULBs, owning a building having a roof area less than 200 Sqm. and not more than three floors will be eligible to apply under the Scheme.

Initially building owners shall construct the RRHS at their own cost. Building owners shall choose one of the specified RRHS Models. In case any components such as roof water drain pipes, rainwater filter, water storage tank or sump and well exist in the building premises, the same can be suitably modified to be incorporated into the RRHS. The maintenance cost of these RRHS shall be borne by the building owners. The RRHS should have a suitable Recharge Unit (well) which is compulsory under the Scheme for claim of subsidy.

After completion and testing of the RRHS by the authorized officers, the State Government shall release 50% of the cost investment actually made (limited to the typical cost of adopted model) by the building owner or Rs. 45,000 whichever is less, as subsidy through GWS&I.

Government buildings in ULBs shall also be covered under the Scheme in a phased manner by GWS&I. The average cost of RRHS for Government building has been considered @ Rs. 3.50 lakhs per building. The total cost of the installation of RRHS in these building shall be met from the budgetary allocation under the Scheme. The work can be also entrusted to other competent departments by the DoWR, if required, considering the workloads of GWS&I. The maintenance cost of these RRHS shall be borne by the building authorities.

To implement the Scheme at ULB level, Roof Water Harvesting Consultants (RWHC) will be trained and empanelled for creating public awareness, providing technical guidance for installation of RRHS. After completion and testing of the RRHS by the authorized officers of GWS&I, the RWHC will be paid @ Rs. 5,000 per building under the Scheme.

Besides, GWS&I will also train the technical personnel of Departments like H&UD/Works/P.R./R.D. on all aspects of Rooftop Rainwater Harvesting System (RRHS) for developing trainers of respective organizations.

A Rooftop Rainwater harvesting Monitoring Committee will be constituted at ULB level which will review the progress of the Scheme and submit its feedback to DoWR and Collectors of the respective Districts. The DoWR will monitor the implementation of the Scheme and appraise the State Government about the status from time to time.

The cost of implementation of the Scheme will be met from the @ 2% of provision made under the Works & Subsidy component of the Scheme.

Financial Arrangements :

The total cost of the Scheme is estimated to be Rs. 100.00 crore for five years i. e. up to 2018-19. In order to implement the Scheme a provision of Rs. 1.00 crore has been made in the Budget Estimate for 2014-15.

Yearwise and componentwise break up of cost is mentioned below and it may be revised at the time of mid term review as per actual requirement of the programme.

(Rs. in Crore)

| Year/Component | 2014-15 | 2015-16 | 2016-17 | 2017-18 | 2018-19 | Total |
|---------------------------------|-------------|--------------|--------------|--------------|--------------|---------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| Manpower & Training | 0.16 | 0.16 | 0.14 | 0.09 | 0.07 | 0.62 |
| Works & Subsidy | 4.50 | 19.21 | 24.13 | 24.24 | 24.27 | 96.35 |
| Monitoring & Impact Assessment. | 0.21 | 0.21 | 0.21 | 0.16 | 0.16 | 0.95 |
| Tools & Plants | 0.04 | 0.04 | 0.04 | 0.02 | 0.01 | 0.15 |
| Scheme Implementation | 0.09 | 0.38 | 0.48 | 0.49 | 0.49 | 1.93 |
| Total | 5.00 | 20.00 | 25.00 | 25.00 | 25.00 | 100.00 |

ORDER—Ordered that this Resolution be published in the extraordinary issue of the *Odisha Gazette*.

By order of the Governor

P. K. JENA

Principal Secretary to Government