

### 3. AGRICULTURAL ENGINEERING

#### SCHEMES UNDER AGRICULTURAL ENGINEERING DEPARTMENT

SCHEME NO.1	
Name of Scheme	<b>Soil and Water Conservation in the catchments of River Valley Project</b>
Funding Pattern	90:10 (Centre : State ) (Macro Management of Agriculture)
Project Area	South Pennaiyar and Mettur Catchments in Vellore, Thiruvannamalai, Dharmapuri, Krishnagiri, Salem and Villupuram Districts.
Objectives	<ul style="list-style-type: none"> <li>❖ Prevention of soil loss from the catchments to reduce siltation of multipurpose reservoirs</li> <li>❖ Prevention of land degradation and watershed management in the catchment areas.</li> <li>❖ Improvement of land capability and moisture regime in the watersheds.</li> <li>❖ Promotion of land use to match land capability.</li> </ul>
Details of Works	<ul style="list-style-type: none"> <li>❖ Contour bunding.</li> <li>❖ Horticultural plantations</li> <li>❖ Drainage line treatment</li> <li>❖ Farm ponds</li> <li>❖ Agro Forestry and Afforestation</li> <li>❖ Silt Detention Structure</li> </ul>
Benefits offered (Subsidy)	100% Grant is provided for all soil conservation measures. However, works to individual farmer such as land leveling, individual farm ponds etc., are executed with 25% farmer's contribution.
Eligibility	All the farmers whose lands are covered in the selected watersheds in South Pennaiyar and Mettur catchment are eligible.
Time-limit for Implementation	Programme will be completed with in the financial year.
Officer to be approached	<p>Assistant Executive Engineer, River Valley Project , 210 C, Salem Main Road, Backside of Raghupathi Hospital, Krishnagiri-635 001.</p> <p>Assistant Executive Engineer, River Valley Project , No.250, Thiru Vi.Ka.Nagar, Harur-636 903, Dharmapuri District.</p> <p>Assistant Executive Engineer, River Valley Project -Unit-I, 4/494 (1) First Floor, Railway station Road , Dharmapuri -636 701.</p> <p>Assistant Executive Engineer , River Valley Project – Unit II, Collectorate Complex, Dharmapuri -636 701.</p> <p>Assistant Executive Engineer ,River Valley Project , 98 - Raja Ganapathy Nagar, Mettur –636 401, Salem District.</p> <p>Assistant Executive Engineer ,River Valley Project , Sivagamiammal illam , Senthamil Nagar, Terkupet(Post), Chengam-606 709, Tiruvannamalai District.</p> <p>Executive Engineer, RVP, Dharmapuri.</p> <p>Superintending Engineer, AED, Salem</p> <p>Chief Engineer, Agricultural Engineering Department, Nandanam, Chennai-35. Phone 2435 2686 , 2435 2622</p>

## SCHEME NO.2

Name of Scheme	<b>Agricultural Mechanisation Programme</b>						
Funding Pattern	90:10 (Centre : State) (Macro Management of Agriculture)						
Project Area	All Districts						
Objectives	<ul style="list-style-type: none"><li>❖ To promote mechanisation in agriculture</li><li>❖ To popularise the Agricultural Machinery / implements among the farmers</li><li>❖ To meet out the shortage of agricultural labourers</li><li>❖ To ensure timeliness in carrying out farm operations</li><li>❖ To supplement the available farm power</li></ul>						
Details of Works	Subsidy assistance is provided to farmers for procuring Agricultural Machinery and implements such as Tractors, Power Tillers, Tractor drawn Rotavators etc.,.						
Benefits offered (Subsidy)	<table border="1"><tr><td>Tractor</td><td>25% of the cost limited to Rs. 45000/- upto 40 HP</td></tr><tr><td>Power Tillers</td><td>40%of the cost limited to Rs. 45000/- ( 8 HP &amp; above)</td></tr><tr><td>Tractor drawn Rotavators</td><td>25% of the cost limited to Rs. 20000/-</td></tr></table>	Tractor	25% of the cost limited to Rs. 45000/- upto 40 HP	Power Tillers	40%of the cost limited to Rs. 45000/- ( 8 HP & above)	Tractor drawn Rotavators	25% of the cost limited to Rs. 20000/-
Tractor	25% of the cost limited to Rs. 45000/- upto 40 HP						
Power Tillers	40%of the cost limited to Rs. 45000/- ( 8 HP & above)						
Tractor drawn Rotavators	25% of the cost limited to Rs. 20000/-						
Eligibility	All farmers						
Time-limit for Implementation	Programme will be completed within the financial year.						
Officer to be approached	Assistant Executive Engineer, AED in the Revenue Division. Executive Engineer, AED in the District. Superintending Engineer, AED in the Region. Chief Engineer, Agricultural Engineering Department, Nandanam, Chennai-35. Phone 2435 2686 , 2435 2622						

**SCHEME NO.3**

Name of Scheme **Command Area Development and Water Management Programme**

Funding Pattern 50:50 (Centre : State ) (Equally Shared Scheme)

Project Area

Sl.No.	Name of the Command	Districts Covered
1.	Wellington Reservoir Project	Cuddalore
2.	Thirukoilur Anicut Project	Villupuram
3.	Kodiveri Anicut Project	Erode
4.	Gundar Chittar Karuppanadhi Reservoir Project	Tirunelveli
5.	Vaniyar Reservoir Project	Dharmapuri
6.	Ichambadi Anaicut Project	Dharmapuri

Objectives

- ❖ To bridge the gap between the irrigation potential created and utilized
- ❖ To improve the water use efficiency in canal irrigated areas.
- ❖ To ensure equity distribution of irrigation water from head reach to tail end.
- ❖ To ensure Participatory Irrigation Management

Details of Works

- ❖ Construction of field channels.
- ❖ Construction of Field drains.
- ❖ Rotational Water Supply Works
- ❖ Formation of Farmers Associations at sluice level, farmer's council at distributory level and farmer's federation at project level.

Benefits offered (Subsidy)

- ❖ Field Channels works are executed with 50% contribution from Government of India, 40% contribution from State & 10% from beneficiary farmers.
- ❖ Field drains works are executed with equal contribution (50:50) from Central and State Governments.
- ❖ Rotational Water Supply works are executed from 100% State Fund.
- ❖ Financial assistance is provided in the form of one time functional grant to registered farmers councils at Rs.600.00 per ha. (State Government share of Rs.270/- Central Government share of Rs.270/- and Farmers council share of Rs.60/- )

Eligibility All the farmers whose lands are covered in the selected Command area in the programme are eligible.

Time-limit for Implementation Programme will be completed with in the financial year.

Officer to be approached Assistant Executive Engineers located exclusively for implementing Command Area Development Programme in the above districts. Executive Engineer, AED in the District.

Superintending Engineer, AED in the Region.

Chief Engineer, Agricultural Engineering Department, Nandanam, Chennai-35. Phone 2435 2686 , 2435 2622

**SCHEME NO.4**

Name of Scheme	<b>Demonstration of Agricultural Machinery and Implements</b>
Funding Pattern	Fully funded (100 %) by Government of India
Project Area	All Districts (Except Chennai)
Objectives	To popularize the newly developed Agricultural Machinery and implements among the farmers
Details of Works	Demonstrations of Agricultural Implements / Machinery are taken up in the Farmers' Fields.
Eligibility	All farmers
Time-limit for Implementation	Programme will be completed within the financial year.
Officer to be approached	Assistant Executive Engineer, AED in the Revenue Division. Executive Engineer, AED in the District. Superintending Engineer, AED in the Region. Chief Engineer, Agricultural Engineering Department, Nandanam, Chennai-35. Phone 2435 2686 , 2435 2622

## SCHEME NO.5

Name of Scheme	<b>Training Programme to Farmers in handling and maintenance of Agricultural machinery</b>
Funding Pattern	Fully funded (100 %) by Government of India
Project Area	All districts (Except Chennai)
Objectives	<ul style="list-style-type: none"><li>❖ To impart training to farmers and rural youth in handling and maintenance of agricultural machinery.</li><li>❖ To improve the quality of manpower engaged in the field of Agricultural Mechanisation</li><li>❖ To accelerate the pace of Agricultural Mechanisation in the State.</li></ul>
Details of Works	Refresher training programmes on handling and maintenance of newly developed agricultural machinery to farmers and rural youth are conducted.
Eligibility	All farmers and rural unemployed youth between the age group of 18 to 40
Time-limit for Implementation	Programme will be completed within the financial year.
Officer to be approached	Assistant Executive Engineer, AED in the Revenue Division. Executive Engineer, AED in the District. Superintending Engineer, AED in the Region. Chief Engineer, Agricultural Engineering Department, Nandanam, Chennai-35. Phone 2435 2686 , 2435 2622

**SCHEME NO.6**

Name of Scheme	<b>Rain Water Harvesting and Runoff Management Programme</b>
Project Area	All Districts (Except Chennai and Nilgiris)
Funding Pattern	State Plan Scheme
Objectives	<ul style="list-style-type: none"><li>❖ To harvest rain water for ground water recharge</li><li>❖ To increase the soil moisture regime of the watersheds</li><li>❖ To prevent soil erosion</li></ul>
Details of Works	<ul style="list-style-type: none"><li>❖ Percolation ponds with Recharge Shaft</li><li>❖ Major, medium and minor check dams</li><li>❖ Farm Ponds</li><li>❖ Rejuvenation of unused wells</li><li>❖ Village tanks /Ooranies</li><li>❖ Recharge Shaft</li></ul>
Benefits offered (Subsidy)	Beneficiaries are required to contribute 10% towards maintenance of the works in community lands (it is 5% in case of SC/ST) in cash which will be deposited in the name of the Village Development Association / Watershed Association. The accrued interest will be utilised for the maintenance of the assets created. Works in patta lands are taken up with 90 % grant and the remaining 10% is collected as beneficiary share (it is 5% in case of SC/ST) in the form of Cash / labour / material.
Eligibility	All the farmers in the selected watersheds in the respective district.
Time-limit for Implementation	Works will be completed within the financial year.
Officer to be approached	Assistant Executive Engineer, AED in the Revenue Division. Executive Engineer, AED in the District. Superintending Engineer, AED in the Region. Chief Engineer, Agricultural Engineering Department, Nandanam, Chennai-35. Phone 2435 2686 , 2435 2622

**SCHEME NO.7**

Name of Scheme	<b>Soil and Water Conservation under Hill Area Development Programme</b>
Funding Pattern	State Plan Scheme implemented with special Central Assistance from Union Planning Commission
Project Area	Nilgiris District.
Objectives	<ul style="list-style-type: none"><li>❖ To maintain and restore the ecology of the Nilgiris district</li><li>❖ To control soil erosion</li><li>❖ To improve the socio economic condition of the local people.</li><li>❖ To create public awareness on the benefits of the soil conservation works</li><li>❖ Prevention of landslides.</li></ul>
Details of Works	<ul style="list-style-type: none"><li>❖ Bench Terracing</li><li>❖ Drainage line treatment works</li><li>❖ Water Harvesting Structures.</li><li>❖ Collection Wells</li><li>❖ Terrace support works</li><li>❖ Stream training works</li><li>❖ Silt detention tanks</li><li>❖ Landslide treatment works.</li></ul>
Benefits offered (grant)	The beneficiaries are required to contribute at the rate of 10% of the cost of works taken up in their patta lands and it is 5% in case of SC/ST beneficiaries. For community works, 5% of the cost of works is collected as beneficiary contribution. The balance expenditure is met by the Government. The landslide treatment measures are executed with 100% grant.
Eligibility	All the farmers whose lands are covered in the selected watersheds are eligible.
Time-limit for Implementation	Works will be completed within the financial year.
Officer to be approached	Assistant Executive Engineer , AED, IGBP Complex, Botanical Garden Road, Udagamandalam-643 001, Nilgiris District.  Assistant Executive Engineer , AED Mysore Road, Selvipettai, Gudalur-643 312, Nilgiris District.  Assistant Executive Engineer, AED, Land Slide, Hill area Development Programme, 117. Brindavan School Road, Wellington Bazaar, Wellington, Coonoor-643 102, Nilgiris District.  Executive Engineer , AED Joint Director of Horticulture Office Complex, Vijayanagaram, Udagamandalam-643 001, Nilgiris District.  Superintending Engineer, AED, Coonoor, Nilgiris District.  Chief Engineer, Agricultural Engineering Department, Nandanam, Chennai-35. Phone 2435 2686 , 2435 2622

**SCHEME NO.8**

Name of Scheme	<b>Soil and Water Conservation under Western Ghats Development Programme</b>
Funding Pattern	State Plan Scheme implemented with special Central Assistance from Union Planning Commission.
Project Area	Coimbatore, Erode, Madurai, Theni, Dindigul, Virudhunagar, Tirunelveli and Kanyakumari District.
Objectives	<ul style="list-style-type: none"><li>❖ To ensure eco-restoration, eco-development and eco-protection.</li><li>❖ To maintain ecological balance by controlling soil erosion</li><li>❖ To create awareness of the necessity for protecting and developing the eco system among the farmers.</li><li>❖ Economical upliftment of the local people.</li></ul>
Details of Works	<ul style="list-style-type: none"><li>❖ Staggered contour trenching</li><li>❖ Gabion structure</li><li>❖ Drainage line treatment works</li><li>❖ Contour rubble bund</li><li>❖ Contour / Compartmental bunds</li><li>❖ Check dam.</li><li>❖ Village ponds</li><li>❖ Water harvesting structures</li><li>❖ Farm ponds</li><li>❖ Land shaping</li></ul>
Benefits offered (Subsidy)	The beneficiaries are required to contribute 10% of the cost of works taken up in their patta lands and it is 5% in case of SC/ST beneficiaries. For community works, 5% of the cost of works is collected as beneficiary contribution. The balance expenditure is met by the Government.
Eligibility	All the farmers whose lands are covered in the selected Watersheds are eligible for subsidy.
Time-limit for Implementation	Works will be completed within the financial year in the selected watersheds.
Officer to be approached	Assistant Executive Engineer, AED in the Revenue Division. Executive Engineer, AED in the District. Superintending Engineer, AED in the Region. Chief Engineer, Agricultural Engineering Department, Nandanam, Chennai-35. Phone 2435 2686 , 2435 2622



**SCHEME NO.9**

Name of Scheme **Soil Conservation in Tribal Areas under Integrated Tribal Development Programme**

Funding Pattern State Plan Scheme

Project Area

District	Project Area
Villupuram	Kalrayan Hills
Vellore	Jawadhu Hills
Tiruvannamalai	Jawadhu Hills
Salem	Kalrayan Hills & Shervarayan Hills
Namakkal	Kolli Hills
Dharmapuri	Sitheri Hills
Trichy	Patchai Hills

Objectives

- ❖ To control soil erosion in the lands of the tribals and prevent land degradation
- ❖ To improve the ground water potential
- ❖ To improve the productivity of the lands of tribals
- ❖ To improve the socio economic status of tribal farmers

Details of Works

- ❖ Contour Rubble Bund /Contour Stone wall
- ❖ Land Shaping
- ❖ Pipe laying
- ❖ Disc ploughing
- ❖ Irrigation Check dams
- ❖ Major and Minor Check dams

Benefits offered (Subsidy) Works are executed in the lands of tribal farmers in the selected tribal areas with 100% grant from Government.

Eligibility Land Owning Scheduled Tribal farmers in the seven districts where the scheme is being implemented are eligible.

Time-limit for Implementation Works will be completed within the financial year in the selected areas.

Officer to be approached Assistant Executive Engineer, AED in the Revenue Division.  
Executive Engineer, AED in the District.  
Superintending Engineer, AED in the Region.  
Chief Engineer,  
Agricultural Engineering Department,  
Nandanam, Chennai-35.  
Phone 2435 2686 , 2435 2622

**SCHEME NO.10**

Name of Scheme	<b>Replacement of old Pumpsets with new Pumpsets.</b>		
Funding Pattern	State Plan Scheme		
Project Area	All Districts (except Chennai)		
Objectives	<ul style="list-style-type: none"> <li>❖ To improve the energy efficiency of the farm pump sets</li> <li>❖ To save electrical energy</li> </ul>		
Details of Works	<ul style="list-style-type: none"> <li>❖ Replacement of old, inefficient electrical pumpsets with new ISI pumpsets and</li> <li>❖ Renewal of Electrical accessories.</li> </ul>		
Benefits offered (Subsidy)	<b>Description</b>	<b>For SC/ST Farmers</b>	<b>For Other Farmers</b>
	Pump sets below 5 HP	Subsidy of Rs.3500 or 50% of the cost of the pump set whichever is less.	Subsidy of Rs.2500 or 25% of the cost of the pump set whichever is less.
	Pump sets of 5 HP & above	Subsidy of Rs.6000 or 50% of the cost of the pump set whichever is less.	Subsidy of Rs.5000 or 25% of the cost of the pump set whichever is less.
	Cost of renewal of panel and other electrical accessories	Subsidy of Rs.1500 or 50% of the cost of panel whichever is less.	
Eligibility	The farmers having agricultural wells with old, inefficient Electrical pump sets of Energy Index more than 0.75 in all the districts of Tamil Nadu (except Chennai)		
Time-limit for Implementation	Programme will be completed within the financial year.		
Officer to be approached	Assistant Executive Engineer, AED in the Revenue Division. Executive Engineer, AED in the District. Superintending Engineer, AED in the Region. Chief Engineer, Agricultural Engineering Department, Nandanam, Chennai-35. Phone 2435 2686 , 2435 2622		

**SCHEME NO.11**

Name of Scheme **World Bank aided Tamil Nadu Irrigated Agriculture Modernization and Water bodies Restoration and Management (TN IAMWARM) Project**

Funding Pattern State Plan Scheme

Objectives To increase Irrigated Agriculture productivity in a sustainable water resources management framework

Project Area :

Sl. No	Name of Sub-basin	Districts covered
<b>A</b>	<b>Ongoing projects</b>	
1	Varaga Nadhi	Villupuram, Tiruvannamalai
2	Upper Vellar	Salem
3	Palar (PAP)	Coimbatore, Erode
4	Aliyar (PAP)	Coimbatore
5	South Vellar	Pudukottai
6	Pambar	Pudukottai, Sivagangai
7	Manimuthar	Sivagangai
8	Kottakarayar	Sivagangai, Ramnad
9	Arjunanadhi	Virudunagar
10	Pennaiyar	Krishnagiri
11	Swethanadhi	Salem
12	Anaivari odai	Ariyalur
13	Chinnar	Perambalur
14	Agniyar-Upper part	Thanjavur, Pudukottai
15	Ambuliyar	Thanjavur, Pudukottai
16	Upper Vaigai	Theni
17	Varattar-Nagalar	Theni
18	Upper Gundar	Madurai
19	Therkar	Madurai
20	Nichabanadhi	Tirunelveli
21	Kalingalar	Tirunelveli
22	Sindapalli Uppodai	Virudunagar
23	Sinkottaiar	Virudunagar
24	Koundanyanadhi	Vellore
25	Poiney	Vellore
<b>B</b>	<b>New projects</b>	
1	Gadilam	Villupuram, Cuddalore
2	Pullampadi/Kambainallur	Dharmapuri

Sl. No	Name of Sub-basin	Districts covered
3	Kosasthalaiyar	Tiruvallur, Vellore
4	Pambar to Thirukovilur	Tiruvannamalai
5	Gomukinadhi	Cuddalore & Villupuram
6	Thurinjalur	Tiruvannamali, Villupuram
7	Sevalaperiyar / Mudangiar	Virudunagar
8	Vallampatti Odai	Virudunagar
9	Nagariar	Virudunagar
10	Palar	Ramanathapuram
11	Vaippar Main river	Thoothukudi, Virudunagar
12	Lower Gundar	Ramanathapuram
13	Ongur	Kanchipuram, Tiruvannamalai, Villupuram
14	Uppodai	Thoothukkudi
15	Salikulamar-Kallar	Thoothukkudi
16	Uthirakosamangaiyar	Ramanathapuram
17	Kovilar	Dharmapuri
18	Araniyar	Tiruvallur, Chennai
19	Markandanadhi	Krishnagiri
20	Theniar	Theni
21	Pambanar & Varattar	Tiruvannamalai
22	Nallavur	Villupuram
23	Vembar	Ramanathapuram, Virudunagar, Thoothukudi
24	Gundar Kanalodai	Virudunagar, Sivagangai & Madurai
25	Korampallam	Thoothukudi
26	Deviyar	Virudunagar & Tirunelveli
27	Uppaththurar	Thoothukudi, Virudunagar
28	Hanumanadhi	Tirunelveli
29	Karumeniyar	Thoothukudi, Tirunelveli
30	Girdhamal	Ramanathapuram, Virudunagar, Sivagangai, Madurai

- Details of Works
- ❖ Installation of Drip and Sprinkler Irrigation systems.
  - ❖ Farm mechanization
  - ❖ Construction of Farm ponds
  - ❖ Information, Education, Communication and Capacity Building

Benefits offered (Subsidy)	Installation of Drip and Sprinkler Irrigation systems.	50% subsidy to farmers subject to the ceiling fixed by Government of India
	Farm mechanization	100% subsidy to Water Users Association
	Construction of Farm ponds	90% subsidy to General Category farmers. 95% subsidy to SC/ST farmers.

Eligibility All farmers in the selected sub-basins.

Time-limit for Implementation Programme will be completed within the financial year.

Officer to be approached Assistant Executive Engineer, AED in the Revenue Division.  
Executive Engineer, AED in the District.  
Superintending Engineer, AED in the Region.  
Chief Engineer,  
Agricultural Engineering Department,  
Nandanam, Chennai-35.  
Phone 2435 2686 , 2435 2622

**SCHEME NO.12**

Name of Scheme	<b>National Agriculture Development Programme</b>
Funding Pattern	State Plan Scheme
Objectives	To achieve 4% annual growth in the agriculture sector during XI Plan period by ensuring a holistic development of Agriculture and allied sectors.
Details of Works	

Sl. No.	Component	Details of Works	Districts covered
1	Agricultural Mechanisation	a) Distribution of Farm implements and machinery for Agricultural Machinery Service Centre in each block. b) Providing subsidy assistance to farmers for the purchase of Agricultural Machinery/ implements, High cost Farm Machinery / implements and Gender friendly implements c) Purchase of tractor drawn implements for hiring out to farmers.	All Districts
2	Dry Land Development	a) Compartmental Bunding, b) Construction of Bentonite clay lined farm pond c) Providing 50% subsidy assistance to farmers for the purchase of diesel engine pumpsets d) Providing 50% subsidy assistance to farmers for the purchase of farm implements for Dry Land Development.	Selected 30 blocks in Sivagangai, Pudukkottai, Virudhunagar, Theni, Tirunelveli, Cuddalore, Vellore, Trichy and Erode Districts.

Benefits offered (Subsidy)

**Agricultural Mechanisation:**

- a) Distribution of farm implements /machinery at 33% subsidy subject to a maximum ceiling limit Rs.4.00 lakhs for Agricultural Machinery Service Centre in each block.
- b) Providing 50% subsidy assistance to farmers for the purchase of Agricultural Machinery / implements subject to the ceiling limit prescribed for each implement.
- c) Providing 33% subsidy assistance subject to maximum ceiling limit of Rs.4.00 lakhs to farmers for the purchase of High cost Farm Machinery / implements
- d) Providing 50% subsidy assistance to farmers for the purchase of Gender friendly implements.

**Dry Land Development**

- a) Compartmental Bunding and construction of Bentonite clay lined farm pond at 90% subsidy
- b) Providing 50% subsidy assistance to farmers for the purchase of diesel engine pumpsets and farm implements.

Eligibility	All Farmers
Time-limit for Implementation	Works will be completed within one year from the date of issue of Government orders.
Officer to be approached	Assistant Executive Engineer, AED in the Revenue Division Executive Engineer, AED in the District. Superintending Engineer, AED in the Region. Chief Engineer, Agricultural Engineering Department, Nandanam, Chennai-35. Phone 2435 2686, 2435 2622

## SCHEME NO.13

Name of Scheme	<b>Programme for Artificial recharge to Ground water</b>
Project Area	All Districts (Except Chennai, Kanyakumari & Nilgiris)
Funding Pattern	State Plan Scheme
Objectives	<ul style="list-style-type: none"><li>❖ To harvest rain water for ground water recharge</li><li>❖ To conserve and increase the soil moisture regime</li><li>❖ To harvest and store the excess runoff for giving life irrigation during critical periods.</li></ul>
Details of Works	<ul style="list-style-type: none"><li>❖ Percolation ponds with Recharge shafts</li><li>❖ Major, medium and minor check dams</li><li>❖ Farm Ponds</li><li>❖ Village tanks /Ooranies</li></ul>
Benefits offered (Subsidy)	Beneficiaries are required to contribute 10% towards maintenance of the works in community lands (it is 5% in case of SC/ST) in cash which will be deposited in the name of the Village Development Association / Watershed Association. The accrued interest will be utilised for the maintenance of the assets created. Works in patta lands are taken up with 90 % grant and the remaining 10% is collected as beneficiary share (it is 5% in case of SC/ST) in the form of Cash / labour / material.
Eligibility	All the farmers in the selected watersheds in the respective district.
Time-limit for Implementation	Works will be completed within the financial year.
Officer to be approached	Assistant Executive Engineer , AED in the Revenue Division Executive Engineer, AED in the District. Superintending Engineer, AED in the Region. Chief Engineer, Agricultural Engineering Department, Nandanam, Chennai-35. Phone 2435 2686, 2435 2622

**SCHEME NO.14**

Name of Scheme	<b>Minor Irrigation Scheme</b>
Funding Pattern	State - Non Plan Scheme
Area of operation	All District (Except Nilgiris and Kanyakumari District)
Objectives	<ul style="list-style-type: none"> <li>❖ To help farmers in locating suitable site through Geo-physical survey for sinking of open wells and tube wells.</li> <li>❖ To bring new areas under irrigation by creation of additional irrigation facilities.</li> <li>❖ To stabilize the areas already under irrigation</li> <li>❖ Promoting conjunctive use of surface water and ground water by harnessing ground water resources</li> </ul>
Details of Works	<ul style="list-style-type: none"> <li>❖ Selection of sites for construction of openwell and Borewells.</li> <li>❖ Construction of tubewells in alluvial soil.</li> <li>❖ Revitalisation of wells by side boring and blasting in hard rock areas</li> <li>❖ Construction of Borewells in hard rock areas.</li> </ul>
Benefits offered	Agricultural Engineering Department hires out machinery as per Government approved hire charges and execute the above works. (Hire Charges of machinery are furnished below.)
Eligibility	All Farmers.
Time-limit for sanction/ rejection	Machinery are allotted on priority basis.
Officer to be approached	<p>Assistant Executive Engineer, AED in the Revenue Division.</p> <p>Executive Engineer, AED in the District.</p> <p>Superintending Engineer, AED in the Region.</p> <p>Chief Engineer,</p> <p>Agricultural Engineering Department,</p> <p>Nandanam, Chennai-35.</p> <p>Phone 2435 2686 , 2435 2622</p>

**Details of Hire Charges of Minor Irrigation Machinery****Hire Charges (in Rupees)**

Sl. No.	Name of the Machinery	Unit	Agriculture purpose	Non-Agriculture purpose
1.	Percussion Drill	Day	300	600
2.	Rotary Drill 8" ( 200 mm ) dia	Metre	130	195
3.	Rock Blasting Unit	Blasting	250	500
4.	Long Hole Equipment	Day	250	500
5.	Hand Boring Set 6" (150 mm ) dia 8" ( 200 mm ) dia	Metre	30	60
6.	Inwell Drill	Metre	100	200
7.	Air Compressor Unit (100 psi & 150 psi )	hour	300	500
8.	Mini Drill 6" dia (150 mm) 8" dia (200 mm)	Metre Metre	60 70	120 140
9.	Resistivity meter	Point	500	1000
10.	Electrical logger	Tube Well	1000	2000



**SCHEME NO.15**

Name of Scheme	<b>Land Development Scheme</b>
Funding Pattern	State - Non Plan Scheme
Area of operation	All Districts
Objectives	<ul style="list-style-type: none"> <li>❖ To make irrigation and other farm operations efficient and easier, land leveling and land shaping are taken up in farmers lands and thereby to increase more area under cultivation and to increase food production.</li> <li>❖ To supplement the “Farm Power” requirements of farmers for taking up timely cultivation operation.</li> </ul>
Details of Works	<ul style="list-style-type: none"> <li>❖ Land Shaping</li> <li>❖ Land Levelling</li> <li>❖ Land Reclamation</li> <li>❖ Ploughing, Puddling</li> <li>❖ Paddy Harvesting by Combine Harvester.</li> </ul>
Benefits offered (Subsidy)	Agricultural Engineering Department hires out machinery to farmers as per Government approved hire charges and execute the above works.(Hire charges of machinery are furnished below.)
Eligibility	All Farmers.
Time-limit for sanction/ rejection	Machinery are allotted on priority basis.
Officer to be approached	<p>Assistant Executive Engineer, AED in the Revenue Division.</p> <p>Executive Engineer, AED in District.</p> <p>Superintending Engineer, AED in the Region.</p> <p>Chief Engineer, Agricultural Engineering Department, Nandanam, Chennai-35. Phone 2435 2686 , 2435 2622</p>

**Details of hire charges of Land Development Machinery**

Sl. No.	Name of Machinery	Hire Charges ( Rs. per hour) (With Diesel)
1	Bulldozer	655
2	Tractor	255
3	Combine Harvester ( rubber track type)	1110
4	Combine Harvester ( Wheel type)	770
5	Hydraulic Excavator (BE 71)	565

Note: The hire charges are subject to change based on the market rate of the diesel.