

# Tamil Arasu

FORTNIGHTLY

1st FEB 1972

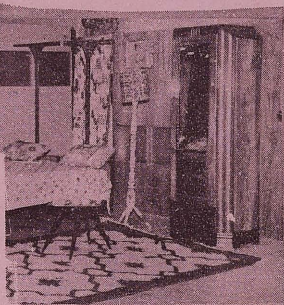
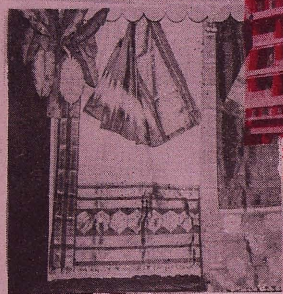
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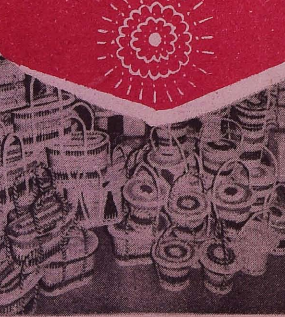
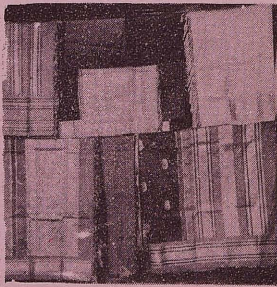
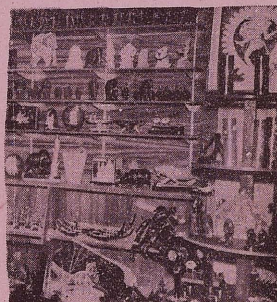
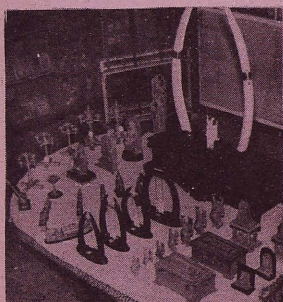
# KURALAGAM

*Madras-1*

## KHADI-KRAFT

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MUTHU



# Tamil Arasu

Vol. II      FEBRUARY 1, 1972      Issue 15

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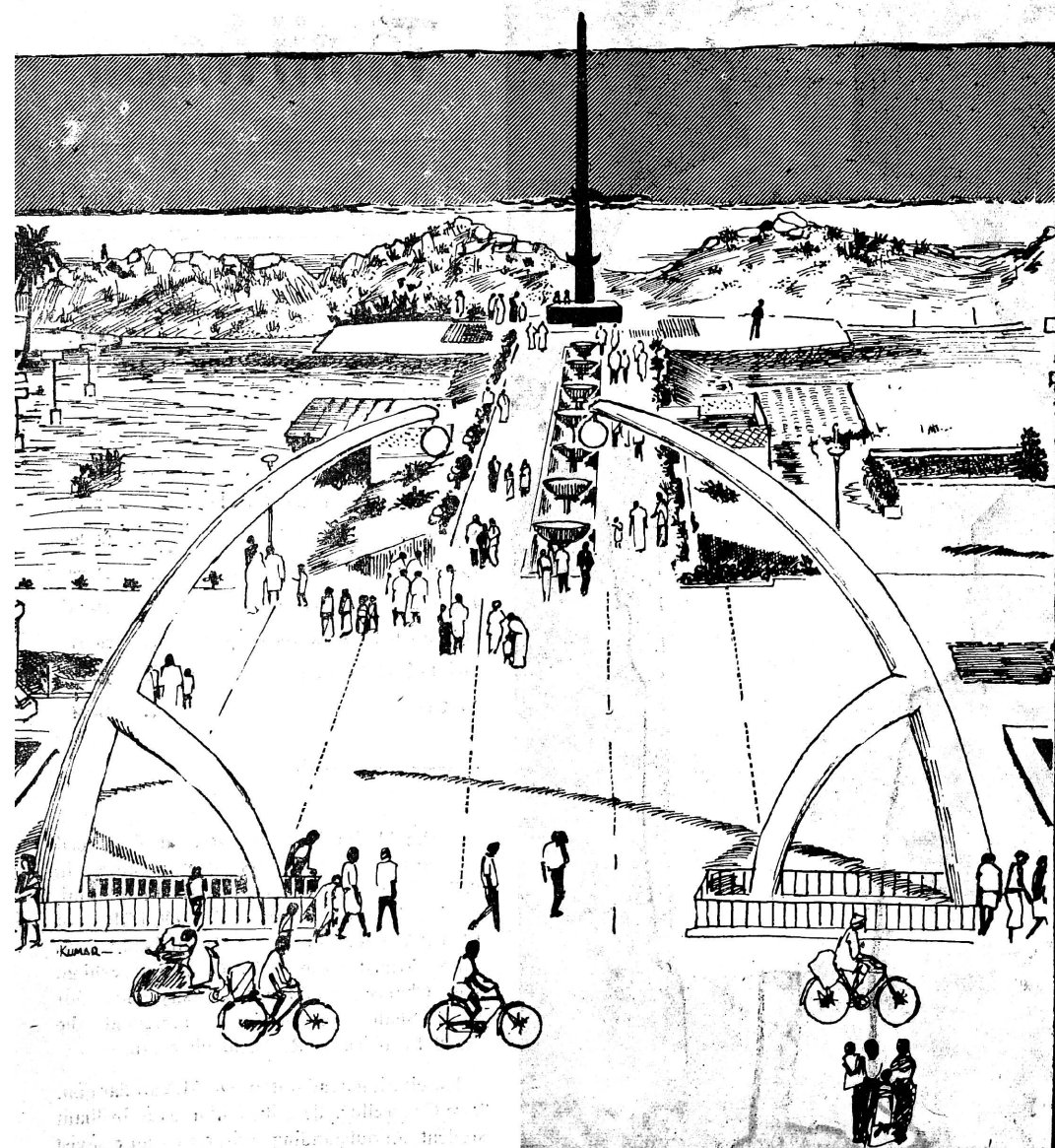
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The Madurai University, at a special convocation held at its new premises in Palkalai Nagar at Nagamalai—Pudukottai, conferred the degree of DOCTOR of LITERATURE upon the Tamil Nadu Education Minister Thiru V. R. Nedunchezian. The Chancellor of the University, Governor K. K. Shah, who presided, presented the scroll to Thiru V. R. Nedunchezian.

The citation, read out by Dr. M. Varadarajan, Vice-Chancellor, described him as a brilliant student, an outstanding orator and an essayist and a Tamil scholar of profound erudition.







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# ANNA—

## The Darling of the Masses

Exactly three years ago Anna—that vast ocean of knowledge, love, humility, affection, righteousness, integrity, truth and above all, Tamil left us and had mingled with the ocean of the Bay of Bengal. And yet he lives in our hearts and his spirit is still with us. He had now become a memory—a memory still green and fresh in many million hearts of Tamilians all over the world. It would not be an exaggeration to say that Anna will live amongst us as long as Tamil lives, to inspire us, to strengthen our faltering steps and to give us faith in ourselves and our people.

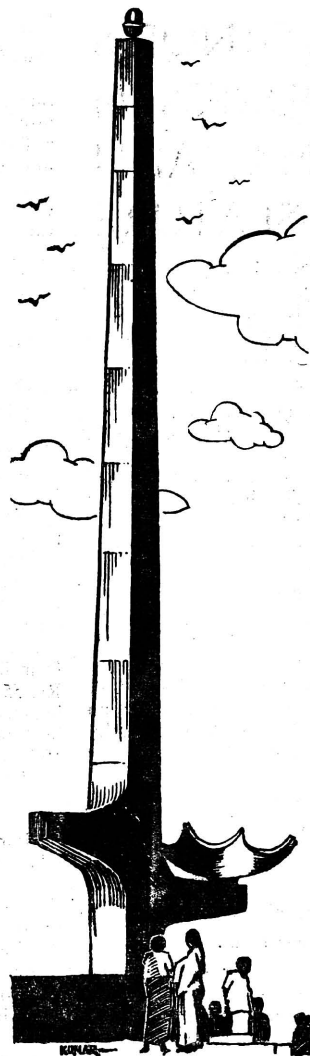
Anna wanted to create a special and spectacular niche for Tamil Nadu among the Indian States and the world as well and he spared nothing at his command to see, “a world without the beggars’ out-stretched palm, the misers’ heartless, stony stare, the piteous wail of want, the pallid face of crime, the livid lips of lies, the cruel eyes of scorn, a race without disease of flesh or brain, shapely and fair, the married harmony of form and use—where life lengthens, fear dies, joy deepens, love intensifies and Man regains his dignity”. But alas, Nature has bereft us of this fountain of Tamil at one fell stroke when he was at the prime of his popularity and set out on the road to fulfil his life-long cherished goals.

Anna, by any test, was the darling of the masses and no other leader in the world has been so dear and near to the heart of the masses of his country during his life time as Anna had been to Tamilians. The funeral procession of Anna’s mortal body was a telling and shining example to his popularity among the Tamilians.

Anna became a leader of world renown not by the accident of history, but by dint of his hard work and vast erudition. He was a many-sided personality. He was a politician, a statesman, a social reformer, a powerful speaker, a journalist, a dramatist, an actor and above all a man of the masses of another type which sets a noble example for other people of his stature—He was also a rationalist to the hilt.

Anna exhibited the fine original spirit of Tamilians and Tamil culture when he said that “we should not refuse to accept and assimilate the best thing in life no matter from whatever place it comes”.

Anna, by nature and temperament, was one “who seeks the friendship of all”. He held enmity towards none. Anna lived all his life for



‘brothers’ and wiped the tears of the poor and the down-trodden.

Anna was Tamil and Tamil was Anna. Every word and every breath of Anna was for Tamil. He brought out renaissance in Tamil language, Tamil culture and in everything that related to Tamilians. And the best homage that Tamilians could pay to Anna is to uphold his principles and pledge themselves to follow his path in the service of the people which was very near to his heart.



# GOVERNOR'S ADDRESS IN TAMILNADU LEGISLATURE

Addressing a Joint Session of the Tamil Nadu Legislature, Governor Thiru K. K. Shah pledged his "support to you in the service of the people of Tamil Nadu."

Proceeding he said :

"We are meeting at a time when as a nation we can legitimately take pride in fighting for and upholding the principles of democracy and socialism. The heroism, devotion to duty and spirit of sacrifice of our armed forces will continue to inspire generations.

## Unity of Purpose.

"The unity of the people in the recent struggle against the foreign invader has been unique and has changed the course of history. I have no doubt that in stepping up economy and in building prosperity the same unity will play a major role.

This Government's aspirations mirror the desires of the common man. This Government re-dedicates itself to the well-being and uplift of the masses in general and the struggling people in particular.

## Success in Food Front.

"During the year gone by, the State had a good season on the agricultural front. The rainfall during the south-west monsoon was, by and large, normal excepting in parts of Madras, Chingleput, North Arcot, Tiruchirappalli and Nilgiris. During the north-east monsoon, almost all districts received insufficient rains. However, the earlier rainfall and the better distribution of later rains in certain districts have specifically helped our dry land areas. It is our estimate that the production of foodgrains will reach a target of 73 lakh tonnes representing an increase of 3.84 per cent over the last year's level of 70.3

lakh tonnes. This compares well with the level of 50.6 lakh tonnes in 1968-69. I need hardly point out that this has been the effect of continued and sustained emphasis on the provision of necessary inputs such as fertilisers, pesticides, better seeds, more credit and better water management. Nearly 44.93 lakhs of acres were covered under high-yielding varieties of paddy in 1970-71. This represents nearly two-thirds of the area under paddy. Our target for 1971-72 is to cover 50 lakhs of acres under high yielding varieties of paddy. We have also stepped up our emphasis on multiple cropping. 12.99 lakh acres were brought under multiple cropping in 1970-71 as against 2.15 lakh acres in 1967-68. During the year, there was a sharp step-up in the demand for fertilisers. In fact, the total consumption of fertilisers has gone up to 1.73 lakh tonnes of Nitrogen, 0.72 lakh tonnes of Phosphorous and 0.51 lakh tonnes of Potassium. We have tried to improve the working of the co-operatives and increase the availability of short and medium term credit from Rs. 31.41 crores in 1966-67 to Rs. 55.00 crores in 1971-72 and the long term credit from Rs. 2.73 crores in 1966-67 to Rs. 21.00 crores in 1971-72. The revival and renovation of the co-operative movement continue apace.

"Pursuant to the goal of self-reliance in cotton, we have taken up an intensive programme for expansion of long staple cotton varieties to cover about 2.50 lakh acres. The development of the Kudumiamalai Agricultural Farm and the establishment of the Agricultural University at Coimbatore are important steps in the field of agricultural education and extension. As the House is aware, we have taken a number of steps to ensure that the small farmers and landless peasants are given adequate attention in the planning process. Small Farmers' Development Agencies and the Marginal Farmers' Development Agencies have started working in the districts of South Arcot, Madurai, Tirunelveli, North Arcot and Salem. Similarly, Dry Farming Projects have been started in Kovilpatti and Kudumiamalai.

## Rural Electrification.

"It is well-known that rural electrification plays an important role in the modernisation of our countryside. In spite of the paucity of financial resources and shortage of raw materials, we have increased the total number of villages electrified from 25,000 by the end of 1966-67 to 48,137 by the end of December 1971. If the present tempo of rural electrification continues, we hope to be able to cover 58,800 villages and hamlets by the end of 1972-73. The number of pumpsets electrified in the State during the last year 1971 was 63,416. The total number of pumpsets electrified in the State would go up from 2.57 lakhs in 1966-67 to 5.74 lakhs by the end of 1971 and by the end of 1972, the total number of pumpsets electrified will be 6.34 lakhs.

"This Government is aware of the importance of industrialisation of the State. The clearance of naphtha as a feed-stock for the project for the manufacture of fertilisers at Tuticorin is an important mile-stone in our industrial development. The fertiliser project at Tuticorin will cost Rs. 71 crores and is expected to produce 3,52,000 tonnes of ammonia and 5,12,000 tonnes of urea. It will also sustain a Soda Ash-cum-Ammonium Chloride Project which is expected to cost roughly Rs. 10 crores. The project for Soda Ash will also be set up by Tamil Nadu Industrial Development Corporation and Southern Petro-Chemical Industries Corporation together. As the House is aware, a linked project which is coming up in Tuticorin is the heavy water project which was initiated with the help of the late Dr. Vikram Sarabhai, the Chairman of the Atomic Energy Commission. It is unfortunate, that a top scientist of the calibre and devotion of Dr. Vikram Sarabhai should have passed away when he was needed most. However, I am confident that this project for manufacture of heavy water will go on stream as scheduled and stand as a living monument to that great Scientist.

## Rs. 100 Crores investment in Tuticorin

"As a result of the earnest steps taken by this Government and with



the assistance of Government of India and financial institutions, an investment of nearly Rs. 100 and odd crores will take place in the Tuticorin area. We are also writing to the Government of India about the urgent necessity to set up an Industrial Refinery at Tuticorin so as to rid the country of dependence on imported naphtha. Simultaneously, our request for the establishment of a massive petro-chemical complex at Manali continues to be validly reiterated. I hope that the Government of India will take an immediate decision on this very important request. This project would enable the employment of a very large number of educated young men and at the same time help to produce adequate quantities of plastics which would incidentally decrease to an extent our reliance on imports of non-ferrous metals.

In regards to the Salem Steel Plant, while the Consultants have submitted their report, I regret to say that action on this project continues to be rather slow. While I am aware that there is keen interest at the highest level in the Government of India in pushing through the project, I hope that this interest will be translated into expeditious action at all stages.

#### Industries in Offing.

A number of letters of intent have been received as a result of the incessant efforts made by the Tamil Nadu Industrial Development Corporation during the last few months—thanks to the assistance of the Union Minister for Industrial Development. The latest letter of intent which we have received is for production of 2,100 tonnes of nylon filament yarn. This is proposed to be set up in public sector. Other items covered by letters of intent are:—

B.C.T. powder, Borax and Boric Acid, Calcium Carbide, Potassium Chlorate, Cigarettes, Steering gears and Cigarette tissue. These letters of intent altogether involve a total investment of more than Rs. 21.35 crores. Action has already been taken to establish these industries in the joint sector. As has been announced already, our policy in the

field of industry is realistic and we wish to blend private initiative and Governmental control through the establishment of industries in the joint sector. We will consider most earnestly and sympathetically the approach of any entrepreneur inside the country with adequate managerial resources to participate in the expeditious establishment of new industries.

I am happy to say that the Southern Structurals Limited which had been revived under the Government management has today been put on a more sound footing and its order books have improved. The Textools Limited which the Government have taken over, has also revived. The Tamil Nadu Textile Corporation is doing well and expects to make a profit of Rs. 5.2 lakhs during 1971-72. In respect of six textile mills for which we had sought Government of India's concurrence to take over, we are still awaiting a positive response. The Small Industries Development Corporation which the Government had set up during the last year, is pursuing its policy of provision of scarce raw materials, technical consultancy and hire-purchase facilities for the purchase of machinery, besides construction of workshops. The State Industries Promotional Corporation of Tamil Nadu has also commenced operations and will be the agency for routing incentives to industries, particularly in backward areas.

“This Government attaches the highest importance to the maintenance of peaceful industrial relations. While I am happy to note that Tamil Nadu has had a record of industrial peace, in recent weeks there have been a few unpleasant developments. I hope and trust that the State will soon resume its steady path of peace and harmony in the industrial scene. In this context I wish to reiterate the views expressed by the Chief Minister regarding the imperative need to avert inter-union rivalry and to state that this Government believes in the policy of having one union for each industry. These unions should be led by persons chosen from amongst the workers

themselves. Industrial disputes should be settled by mutual discussion and bargaining and not through confrontation and conflict.

#### Unemployment Problem.

“During the year gone by Government approached the problem of unemployment from a number of directions. One of the most important steps taken in this direction was the setting up of the Youth Corps. This move has been hailed both inside the country and outside as imaginative. Nearly 2,000 youth corps volunteers have been recruited and trained and from the first results that are coming to me, I am confident that they are proving valuable assets to the work of social development in the State. The scheme for giving a loan of Rs. 1,000 to those trained in the Industrial Training Institutes has also been put into operation. With a view to tackling the problem of the educated unemployed, Government propose to utilise the scheme of Government of India for enabling technical entrepreneurs to start new industries. A sum of Rs. 43 lakhs has been allocated this year out of which Rs. 20 lakhs will be set apart for enabling hire-purchase of indigenous machinery, Rs. 7½ lakhs for industrial estates, Rs. 5 lakhs for commercial estates, Rs. 3 lakhs for Technician's co-operatives and Rs. 12.5 lakhs for providing Equity Capital for new industrial enterprises to be started by technically qualified persons. Besides, we have undertaken programmes for giving employment to the rural unskilled labourers through rural works projects. We have been able to secure clearance from the Government of India for an accelerated programme for rural works including the programme in chronically drought affected areas. In the current year alone, the total expenditure on these works will be Rs. 3.91 crores. Another important project which we have initiated is for the development of market complexes including roads in the districts of Thanjavur, Tiruchirappalli and South Arcot at a cost of Rs. 1.5 crores. During the current year, a sum of Rs. 50 lakhs

will be spent on the development of roads and market complexes in these districts.

#### *Slum Clearance.*

The Slum Clearance Board which we had set up last year has so far spent Rs. 2.80 crores in building 7,000 tenements and is expected to incur an expenditure of Rs. 3.65 crores this year. We expect to expand its activities by generating its own resources and getting increased assistance from the Government of India.

We have also prepared a metropolitan development plan for the next twenty years, which takes into account the problem arising from the development of Madras City. The details of this plan have to be integrated with the perspective plan for the State under preparation. The board strategy is to develop new nodes of urban growth and establish new towns around the city of Madras so as to alleviate the pressure on the city. Some of these details are under discussion with Government of India and we hope to initiate positive action on this plan expeditiously.

As the House is aware, Government have extended a number of facilities to the Harijans and the Backward Classes. The amounts allocated by the State Government for Harijan Welfare has increased from Rs. 3.59 crores in 1966-67 to Rs. 5.32 crores in 1971-72 notwithstanding the fact that earmarked assistance from the Government of India for these schemes has been stopped with effect from 1969-70. The total provision of funds for the specific benefit of Backward Classes has also expanded from Rs. 0.91 crores in 1966-67 to Rs. 3.03 crores in 1971-72.

#### **Steps to hold Price Line**

Due to various features of the national and international economic situation, the price situation has continued to cause anxiety. As mentioned in earlier addresses to this House, and as the House is aware this will depend on the decisions that are taken at the Central level. All that is feasible on our part is to keep the level of food production as high as possible and to ensure that when demand arises,

there will be a system for controlled distribution of essential commodities which we can bring into action. Government have also taken a decision to establish a separate machinery under the Department of Civil Supplies to ensure adequate quantities of foodgrains and other commodities and to establish buffer stocks so as to insulate the market to the extent possible from speculative influences. At the same time, I would like to reiterate, on behalf of this Government, the plea that timely decisions be taken by Government of India to import adequate quantity of industrial raw materials such as cotton and staple fibre, steel and drugs so that the price situation can be kept under control.

The Administrative Reforms Commission and the State Planning Commission have commenced work. The Administrative Reforms Commission has set up a number of groups to examine the procedures of Government. The Planning Commission has set up a number of Task Forces to look into various aspects of the State's economy, and I am confident that the reports of these two bodies will play a vital role in modernising the administration of the State and meet their economic level of development. I am also happy to note that the establishment of the State Planning Commission has been welcomed by experts both inside and outside the Government, as also by the Government of India and that it has been held forth as a model for other States to follow. I am hopeful that it will now be possible to draw up plans also at district level, which will help us particularly to step up the income of the lower-income group and accelerate the pace of economic growth.

"In earlier meetings, the Union Planning Commission and the State Government were not able to arrive at agreed decisions on the size of the Plan of the State. However, as a result of the discussions held by the Chief Minister with the Central Planning Commission and the Union Finance Minister in December 1971, it has been possible to arrive at certain agreed conclusions on the Plan for 1972-73.

It is now expected that the agreed Plan of the State for the current year will be of the order of Rs. 115 crores and for 1972-73 it will be Rs. 117 crores.

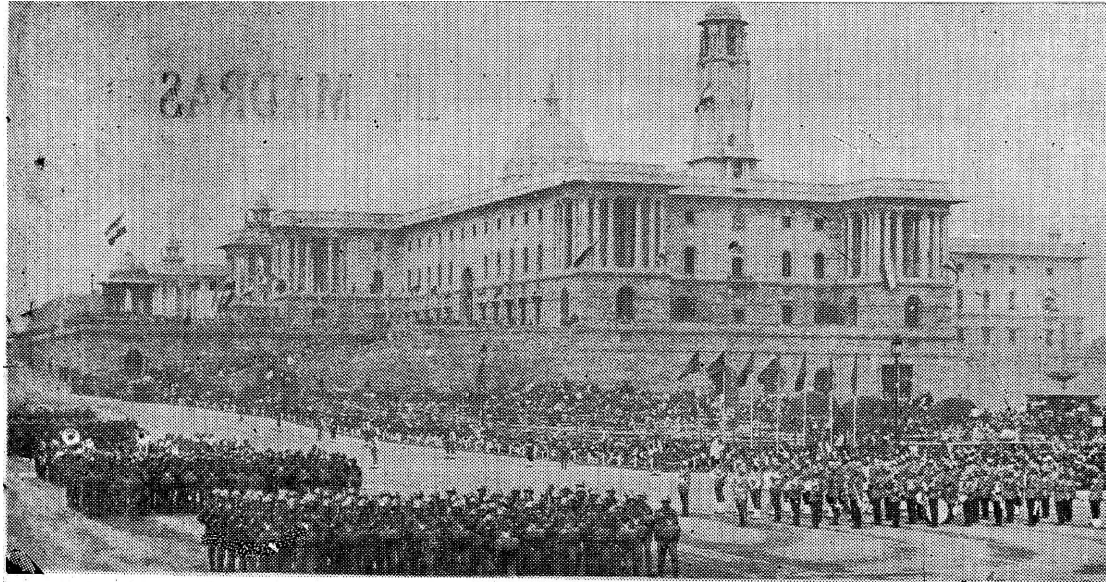
#### **Strain of debt repayment.**

You have been aware of the heavy financial burden arising from the repayment of debt to the Government of India. During the Five-Year Plan period, our total repayment to the Government of India comes to nearly Rs. 1,54.9 crores as against the anticipated loan from the Government of India of only Rs. 141 crores. This reverse flow of aid from the Centre to the State is one of the primary reasons for the financial stringency facing the State. Taking the year 1971-72 alone, our total repayment has come to a high figure of Rs. 43.03 crores on account of principal and Rs. 21.83 crores on account of interest. This has to be compared with the total Central assistance of Rs. 40.40 crores from the Government of India. The continuance of this imbalance in the flow of resources to the State has been high-lighted by the Chief Minister in his speech to the House while presenting the Interim Budget for 1971-72. I hope and trust that the Central Finance Ministry will set afoot an independent enquiry into the problem of debt burden of the States so that the existing debt is consolidated and that such part of debt as relates to financially unproductive but socially beneficial expenditure be written off as grants or converted into soft loans. This is only fit and proper because the benefits of these investments accrue not only to the State Governments but also to the country as a whole.

In this short session, while you do not have a heavy agenda of legislation, you have the important Constitution (Twenty-fifth Amendment) Bill, 1971 coming up for your approval.

Hon'ble Members are aware that we have to travel a long way before even the minimum requirements of the entire population can be met. It is only through the combined efforts of all of you that this difficult task can be fulfilled.



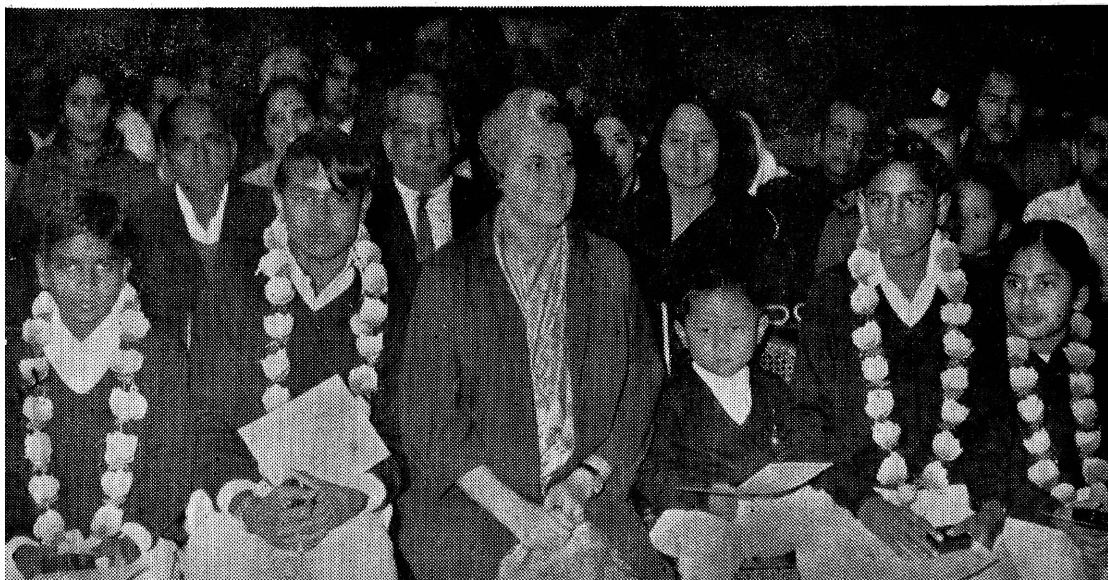


The 2nd Battalion of the Para Brigade, led by Lt. Col. Kulwant Singh Punnu, MVC, marching at the Republic Day parade in New Delhi on Wednesday, January 26, 1972.

The Bangla Dosh delegation present at the Republic Day parade cheered the paratroopers who were the first to enter Dacca during the recent operations.

The Prime Minister, Thirumathi Indira Gandhi, presented in New Delhi on January 25, 1972 the Indian Council for Child Welfare National Awards (1971) to five children for showing exceptional courage.

Photo shows (left to right) Master Rishikeshan Jena of District Ganjam (Orissa), Master S. Suryanarayanan of Kumbakonam (Tamil Nadu), Thirumathi Gandhi, Master Lala Gangte of Imphal, Kumar Durga Manyu Gaur of Hoshangabad (M.P.) and Kumari Pragna Zaveri of Delhi.



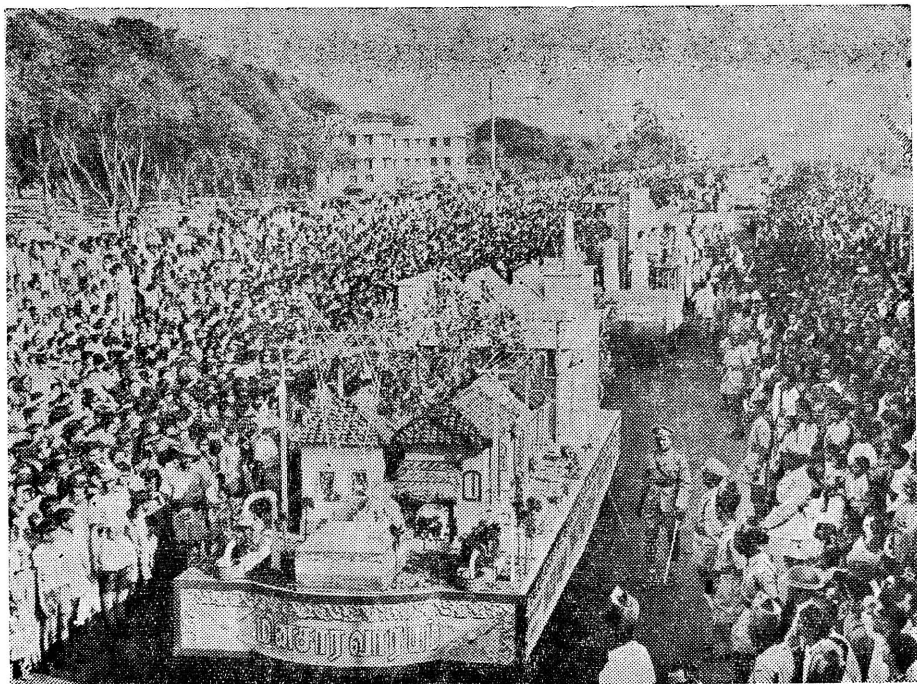
# THE REPUBLIC DAY IN MADRAS



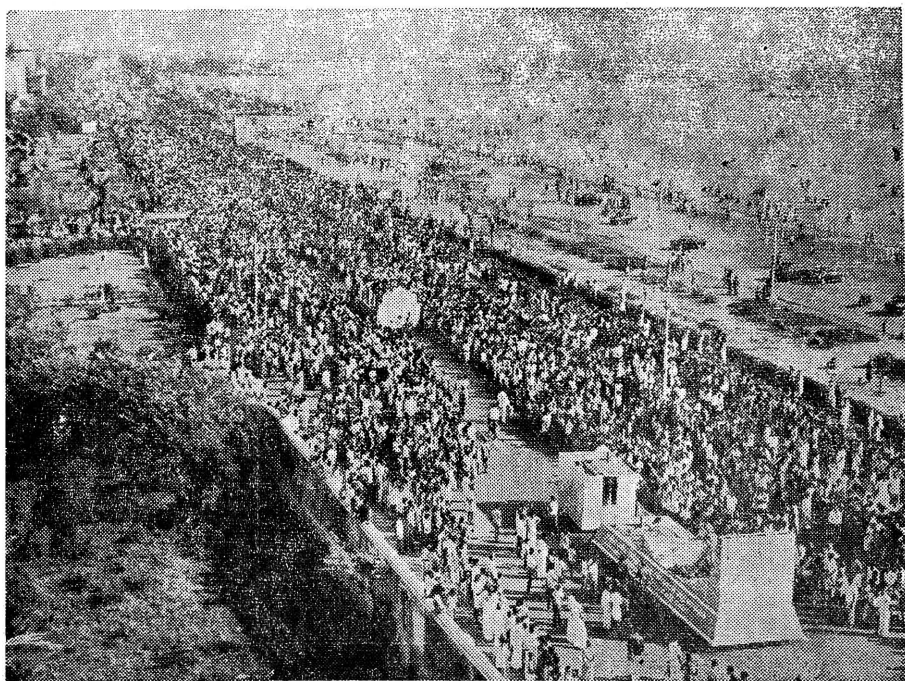
The REPUBLIC DAY PARADE was conducted at Marina (near Gandhiji's statue), Madras at 8-00 a.m. on Wednesday, the 26th January 1972 and the Governor of Tamil Nadu took the salute and the Chief Minister and all other State Ministers besides important dignitaries of the City took part in the function. The special feature of this year's function was that 12 Air-Force aircraft took part in the function and a "little atom" Gnat was also taken out in a float.

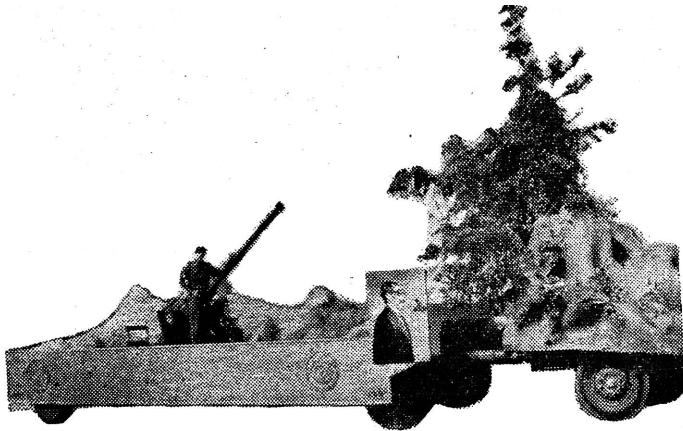
Among the 29 floats, the tableau contributed by the Public (Information and Public Relations) Department depicting Guerner Arumugam was awarded the first prize.



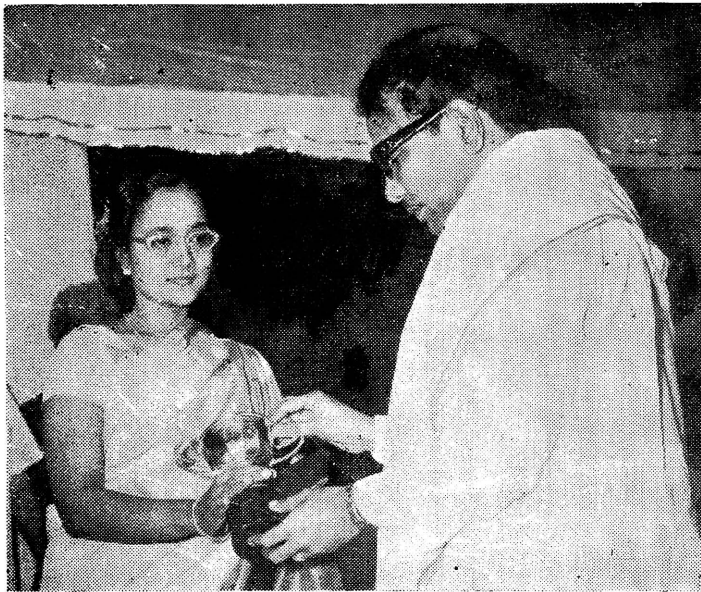


29 Floats added Lustre and Charm to the Republic day Function in Madras.



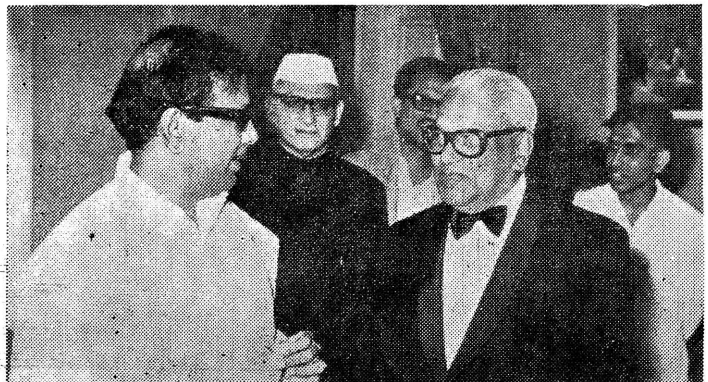


The tableau of the Information and public Relations Department depicts the heroic scene in the war-field of Gunner Arumugam from Tamil Nadu who stunned the enemy with his might of hand and heart.

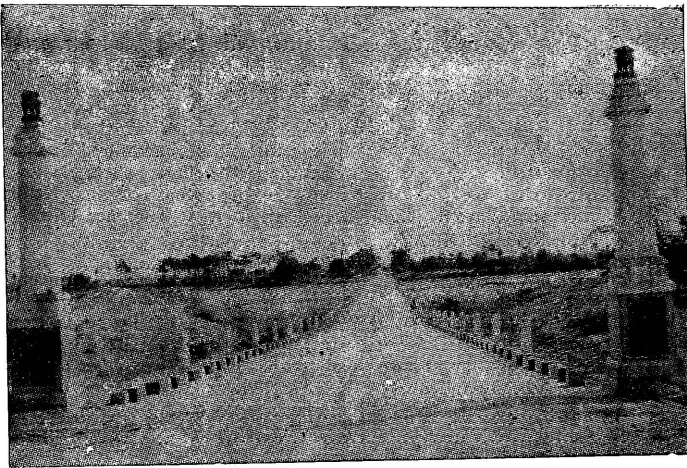


Lady doctor who did the best in the execution of Family Planning Scheme during 1970-71 was awarded the prize by Dr. M. Karunanidhi, Chief Minister of Tamil Nadu.

The Mauritius Prime Minister Dr. S. Ramgoolam, who was in Tamil Nadu on a three-day visit is seen with the Chief Minister of Tamil Nadu Dr. M. Karunanidhi.







Muthalapuram Bridge.

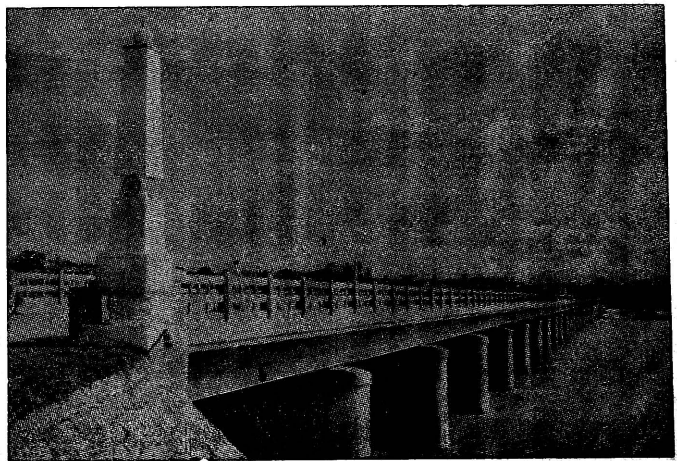
Tamil Nadu has spent 0.62 per cent of the State Income on road development. The vehicle utilisation factor at 98 per cent in 1969-70 was the highest of all the States in the country, reflecting the efficiency of the road system in Tamil Nadu.

Tamil Nadu has pioneered some novel experiments in road development. The first prestressed concrete bridge in India was constructed across the Palar on Great Southern Trunk (Madras-Trichy) Road.

In all, 118 major bridges, 3 subways and 2 overbridges were completed during the Plan periods. Under the Fourth Five-year Plan, it is proposed to improve the East Coast Road by providing missing links, by constructing culverts and bridges across drainage channels and by raising the riding surface. This road when developed will have a striking developmental impact on the agrarian districts. Another major work is the construction of a road across Pamban Strait connecting Rameshwaram Island with the main land at a cost of Rs. 4.35 crores.

Provision for road development during 1971-72 is budgeted at Rs. 378 lakhs of 3.54 per cent of the outlay aiming for improvement and expansion of the existing road system to meet the needs of the growing economy.

## WHY WE SPEND SO MUCH ON BRIDGES ?



**ASSISTANT WORKS MANAGER  
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MADRAS-600 002**

BY

**Thiru R. Thillainayagam, Director,  
Highways Research Station,  
Madras.**

A provision of Rs. 34 crores is made in the Fourth Plan for building up an adequate network of road system for the State. The proposed schemes when implemented, will increase the total road length in the State to 77.94 thousand kilometres at the end of 1973-74 and bring the intensity of road kilometrage to 0.60 from 0.55 km. per sq. km. at the beginning of the Fourth Plan.

The Bridge building activity in Tamil Nadu commenced during the period of the East India Company. Earlier bridges were mostly of the masonry arch type built by Military Engineers and later by the Public Works Department. The former built Three Centred Arches while

the latter adopted Segmental Arches. There seems to have been no rational design for these Arch bridge and they were based on "Instinct of Proportion" mostly. Later, steel bridges of wrought iron of lattice girder type came to be used. Reinforced Cement Concrete culvert with imparted cement and steel was constructed as early as 1907 for spans of 8 to 12 feet with very conservative values of stresses for the materials used. Later, Rolled Steel joist and Reinforced Cement Concrete slabs were adopted for bridges with higher working stresses for spans of 20 to 40 feet around 1927. The first prestressed concrete bridge in the country was constructed across Palar River in this State in 1952 and since then several other bridges have been constructed.

On any typical road in this State the following types of structures are met with, the first two forming the majority.

(a) Masonry and cut-stone arches.

(b) Cut-Stone slab culverts.

(c) Reinforced Cement Concrete slabs with or without Rolled Steel joists.

(d) Steel Trusses.

(e) Reinforced Cement Concrete Tee-beam-cum-slabs.

(f) Prestressed concrete, and

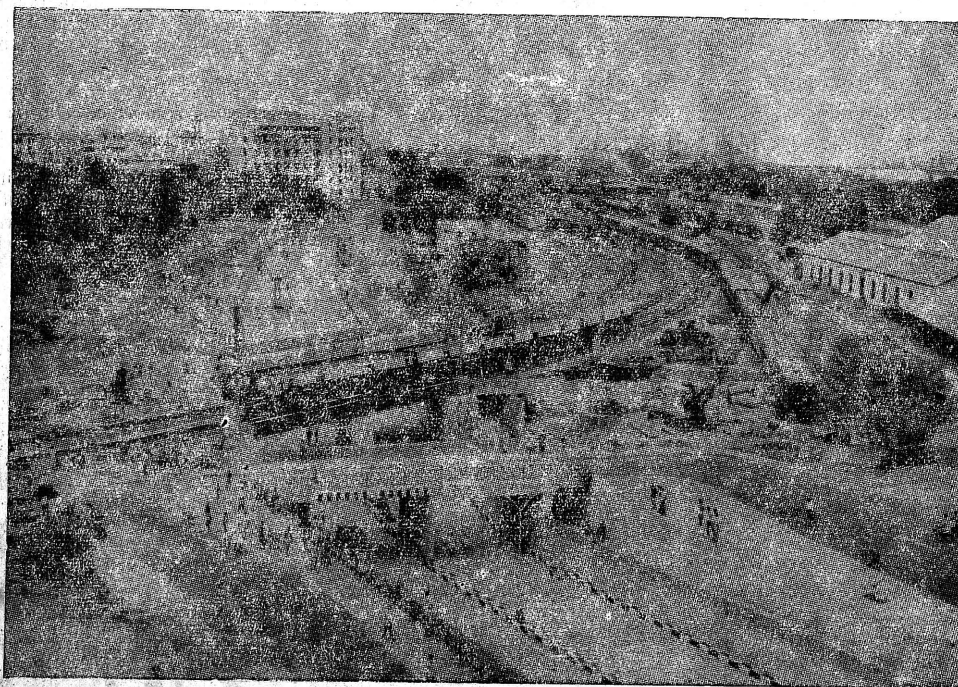
(g) Pipe culverts.

The road system in our country is ancient and has been handed over from generations. A typical example of an ancient road system of Tamil Nadu is Mangamma Salai. Maccadam and Telford Systems of road making came into being only after the advent of the British. The development of pavements and improvement in geometry have been mainly by stage construction. Each generation has added a bit to make the road system what it is today. There has never been any systematic design of pavements to

suit the traffic loads. It has therefore now become imperative to strengthen the pavement of our existing Highway system to suit the traffic making use of them. The science of soil mechanics and design of asphalt and cement concrete pavement is of recent origin. Here again truck weight comes into picture.

Generally more emphasis is given to the strengthening of road bridges than the road pavements for the simple reason that if a road pavement fails the traffic can still continue to use the road with resultant damages both to the vehicles and the road pavements. But if a bridge fails the consequences are more serious. The whole traffic comes to a stand still. However the importance of strengthening the road pavements cannot be neglected especially when heavier and heavier loads are permitted on the road pavements.

In earlier days the types of loads to be reckoned were only light. The bridges were mostly designed, by a

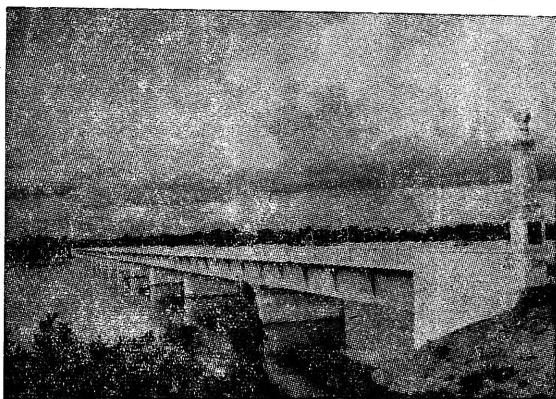


Sub-way at North Beach Road

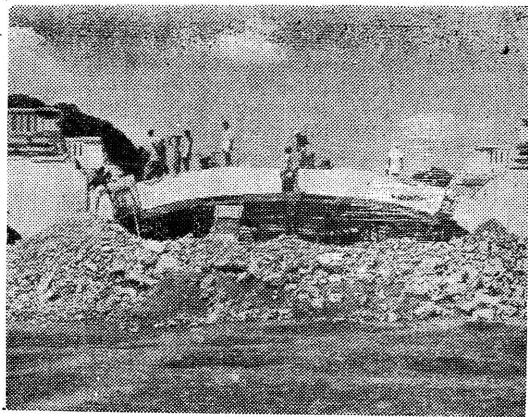


rule of thumb and from aesthetic considerations. During the period of East India Company, bridges were designed only to carry elephants, small artillery carriages and road rollers. In 1931 bridges were designed for the P.W.D., B Class loading consisting of a 10 Ton roller and a 3 ton lorry. From 1946 onwards bridges are designed for the Indian Road Congress 'A' Class loading consisting of a 28.2 tonnes lorry with two trailers of 1.36 tonnes each or 'AA' Class loading consisting of a tracked vehicle of 70 tonnes for a maximum load for the wheeled vehicle of 20 tonnes for a single axle or 40 tonnes for a bogie of two axles spaced not more than 1.2 metre centres.

Vehicle designs were developed to suit the type of haulage requirements. Though this tendency is still persisting a certain standardisation in the design of the motor vehicles have come into being largely because of the tyre manufacturers and other automobile accessory manufacturers. It has come to be recognised of late that regulation was necessary for the construction and use of road transport vehicles. There are international standards as well as national statutory instruments controlling the vehicle design. In general most countries adopt a wheel load of 5 tons and an axle weight of 10 tons. The gross load that can be carried over the axles depend on the axle configurations.



PALAR Bridge in North Arcot District.



The arch bridge at Kumbakonam being strengthened with concrete keys.

Owing to the advantages of effecting movements on the road, industries have come to rely more on road transport. Even weights of the order of 250 tons are now being carried on specially built road carriers to the industrial complexes. These heavy loads are indivisible in character and the frequency of their movements though not of the same order as ordinary trucks, are still to be considered.

In Tamil Nadu recently there had been occasions when such indivisible loads of the order of 101 to 150 tons were permitted under special permits, for Neyveli Lignite Corporation and for Manali Oil Refinery. The movement of such indivisible loads for

Madras Atomic Power Project and for Fertiliser Complex is also under consideration.

Because of the diversity of the aforesaid problems a systematic study to regulate the movement of loads on the Highways of the State was undertaken by the Highways Research Station and the practice of evaluating the strength of existing bridges were evaluated systematically. 3,543 bridges and culverts in a length of 1,000 miles of National Highways and 4,700 bridges and culverts in a length of 1,100 miles of State Highways were studied. As a result of this study it becomes apparent that a phased programme had to be drawn up to strengthen or to reconstruct weak structures. In National Highways 586 bridges and culverts comprising 16.5 per cent of the total bridges and culverts were selected for such urgent improvements at a cost of Rupees 5 crores. In State Highways 568 bridges and culverts comprising 12.1 per cent of the total bridges and culverts were selected for improvements at a cost of Rupees 2 crores. It has to be remembered that this represents only the urgent improvements required for allowing 12 tons vehicles and ultimately a further 2.5 crores will have to be spent to make the improvements thorough as originally envisaged. The work on the Major District Roads is still incomplete and it can be assumed that including Major District Roads, a total of not

less than Rupees 9 crores may have to be spent urgently if immediate improvements are to be carried out to allow 15 tonnes gross load vehicles. On the National Highways a number of weak bridges and culverts are being reconstructed and those structures which are found to be strong for the present day traffic are retained. Many structures are repaired and their life is extended. One such instance is the strengthening measures undertaken for restoring the arch bridge across Cauvery at Kumbakonam. The arch bridge was constructed 150 years ago by the British. The arch had a sag and had shown distress. 5 tons gross load was only permitted in the bridge and trucks were prohibited. As a result of study in the Highway Research Station a scheme was given to strengthen this bridge by providing concrete keys. After the scheme was implemented the bridge was test loaded and was certified as safe for an axle load of 20 tons. Now the bridge is thrown open to all heavy traffic.

The number of motor vehicles of all categories recorded a substantial increase by 137.5 per cent from 49,739 as on 31st March 1960 to 118,150 at the end of March 1970.

The number of contract carriages registered significant growth over the period under review. Among the contract the number of taxicabs have increased much faster than autorickshaws. While autorickshaws rose by 210.2 per cent from 527 as on 31st March 1960 to 1,635 as on 31st March 1970 the number of taxicabs shoot up by 355.6 per cent from 1,814 as on 31st March 1960 to 8,265 as on 31st March 1970.

The number of commercial vehicles including buses and trucks on road has grown markedly by 77.4 per cent from 14,609 as on 31st March 1960 to 25,923 as on 31st March 1970. The number of buses (stage carriages) registered a sharp increase by 65.8 per cent from 4,972 as on 31st March 1960 to an all time high level of 8,245 as on March 1970. The number of trucks (goods vehicles) rose steeply by 83.4 per cent from 9,637 as on 31st March 1960 to 17,678 as on 31st March 1970. The rapid pace of expansion in the number of commercial vehicles is an encouraging record of achievement for the road transport industry and reflects its inherent strength and vitality.

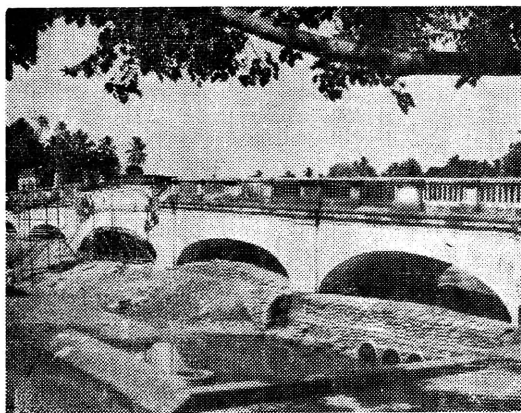
As compared to 1959-60 the number of motor-cars including

station wagons and jeeps on road as on 31st March 1970 showed distinct improvement. From 24,719 as on 31st March 1960, the number recorded a sharp increase by 92.5 per cent to 47,571 as on 31st March 1970. While out of 1,249 persons one owned a car/jeep or station wagon in 1961, in 1970 there was impressive development when one out of 826 persons owned a vehicle in Tamil Nadu.

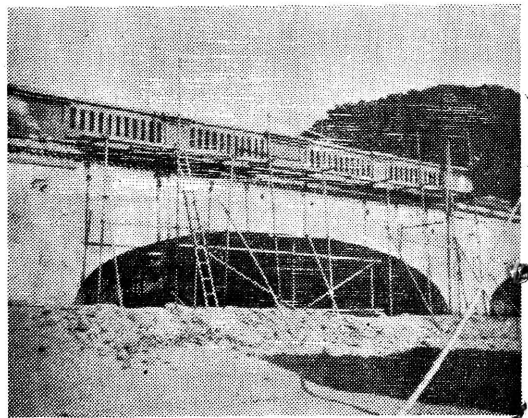
Motor cycles on road recorded a phenomenal growth of 382.8 per cent from 6,483 as on 31st March 1960 to 31,298 as on 31st March 1970.

Number of miscellaneous vehicles as on 31st March 1970 was 3,458 as against 1,587 as on 31st March 1960.

While the road transport industry has rapidly grown over the year under review, with the rural prosperity beginning to emerge, and several areas yet to be served by quick transport, the road transport has vast scope for further development in Tamil Nadu and Tamil Nadu is determined to give them better and more roads than ever before.



The Kumbakonam arch bridge with scaffolding.



The Bridge after strengthening is ready for test.



# A PEEP INTO A MASSIVE STERILISATION CAMP IN TAMIL NADU

Family planning is a vital programme which can ensure immediate welfare to each family which has taken to it. In Tamil Nadu it is popularised as a family Welfare Programme undertaken on a humane but massive scale. In implementing it, the authorities are not swayed by the immensity of the job; their motto is "There is no point in despair. There is every point simply in getting on with job". With this spirit of animation almost all districts in Tamil Nadu over-reached their targets in Family Planning sterilisation this year. In similar vein South Arcot, by the end of December 1971, was able to report 34,644 sterilisations, against the target of 18,287 for the year ending with March 1972.

A massive sterilisation campaign was conducted in December by pooling doctors and para-medical personnel from adjoining districts and by organising local leadership for motivation and extra expenses. Almost all Government personnel from the Collector down to the Karnam were drawn into the drive. Details of how the district went about the job are given below :—

## **Preliminary Meetings :—Collector Took Leadership.**

For the year 1971-72 the Government of Tamil Nadu had fixed 18,287 Sterilisations as the Family Planning target of South Arcot district. Since the achievement in the first seven months of the year was very negligible, it was decided that a Mass Sterilisation Camp should be organised in the month of December, which was an agricultural slack season for the district.

To discuss and finalise the arrangements for the camp, two meetings were organised at the District Headquarters on 1st and 7th October 1971. The Medical, Public Health, Revenue and Panchayat Union staff of the district along with the Non-officials and officials of the Public Relations Department, both State Government and Government of India, participated in the meeting. At this meeting a target of 25,000 sterilisation was fixed for the camp. It was also decided that this camp would be organised under the supervision and control of the Collector.

The details of the Organisation for the camp were thereafter taken up immediately. The Revenue and Community Development machineries were fully geared-up almost immediately for the challenging task ahead. The district and taluk level Village Officers Associations and the District and Taluk level School Teachers Associations came forth with the voluntary and whole hearted co-operation. A large measure of encouragement and enthusiasm was received from the non-officials of the district.

## **Daily Reports.**

Almost simultaneously, the registration and motivation of eligible couples were taken up. Daily reports were received in the Collectorate from the Panchayat Union Commissioners and Revenue Divisional Officers indicating the details of eligible couples in each village, the number of cases motivated and the number of acceptors for the sterilisation. Written consents were also obtained from the acceptors. Acceptors for T.V.T. were got checked up before final acceptance for Sterilisation. This moral feature of preliminary medical

check up and treatment before acceptance for Sterilisation has not been attempted in any other district so far.

## **Stocking of Medical Equipments.**

The district Family Planning Medical Officer in-charge Dr. M. Subramaniam, M.B.B.S., District Medical Officer, South Arcot assisted by his staff simultaneously took up an inspection and the assessment of the medical preparedness of the various Primary Health Centres and Government Hospitals for the camp. With reference to the target fixed for each centre, a detailed questionnaire was prepared indicating the medical requirement for each centre and stocking of medicines and equipments was also started nearly two months ahead of the camp. Training of all Doctors was also ensured with this inspection, as also the strengthening of the medical and para medical staff wherever necessary. Since a special feature of lodging and feeding the operated cases for a minimum period of 6 days was envisaged, the medical and revenue staff also took up the question of selecting suitable places for the stay of the operated cases. Each of these "Camps" was inspected by an officer of Revenue, Community Development side along with an Officer of Public Health Department. The suitability of the building from the comfort point of view of the operated cases and also from the Public Health point of view was assessed carefully. Special arrangements were also made for colour-washing and painting of the building and for making the building look pleasant and hospitable. Crash arrangements were also made for providing water supply and sanitary facilities to these camps. Apart from the locally mobilised cots, mats and pillows each centre was supplied with 50 new mats and 100 new pillows. The minimum recreational and other facilities by way of provision of radio sets and other amenities were planned well in advance. Special arrangements were also taken up immediately for locally cooking and making available liberal quantities of wholesome and nutritious balanced foods to the cases.

### Local Leadership to the Fore.

For each centre special committees were formed to be in charge of the several arrangements. Local non-officials took a leading part in all these arrangements. The Committees formed at each centre were for the following purpose.

#### Transport Committee.

(i) A Transport Committee to be in charge of detailing the vehicles allotted to each camp. This committee was given a daily schedule of the village allotted for bringing cases day to the camp. It was the responsibility of this committee to make sure that the vehicle were sent to the concerned villages and that all the cases of that area were collected and brought to the camp to be operated in the next day. The seventh day of the operation after the sutures were removed it was the responsibility of the same committee to see that the cases were taken back to the respective villages;

#### (ii) The Reception Committee.

The Reception Committee was responsible for registering of the cases which had been brought to the camp and the distribution of the monetary incentives after the operations;

(iii) **Food Committee.**—It was the responsibility of this Committee to decide the menu for each day at the camp and also of seeing to the cooking of the food and the feeding of the patients at the proper time. Starting with the sumptuous break-fast each morning, costing Re. 1 per head a lunch, an evening tea some snacks and dinner were served in all these camps.

(iv) Another Committee was also set up to be on duty on 8 hours shifts throughout the day and night to liaise with the medical staff and ensure round the clock post operative care of the cases in these camps. Members of these committees were also responsible for the entertainment and recreational programme in these camps;

#### Incentives.

Simultaneously with these activities arrangements were also made through the Revenue Divisional Officers and the Community Development staff for difficult task of

raising contribution for the conduct of these camps. The incentives offered by the Government for the camp consisted of Rs.30 for each sterilised case, Rs. 10 for the canvasser and Rs. 18 towards feeding charges. As against this the incentives offered in this district were Rs. 75 for the Sterilised case (Vasectomy), a raffle ticket costing Re. 1, a dothi and a towel costing about Rs. 10, feeding charges of Rs. 4.25 per head per day costing Rs. 25.50 per head for a period of six days. Transport charges for bringing the cases from the village to the camp and transporting them back costing Rs. 5 per head. Including the canvasser's allowance of Rs.10, each Vasectomy case entailed an expenditure of Rs. 126.50. Thus, an amount of Rs. 68.50 had to be raised for each case as public contribution.

Along with the Vasectomy cases, T.V.T. cases also were taken up for Sterilisation selecting five centres with one at District Headquarters Hospital and one in each Revenue Division at Tindivanam, Villupuram, Kallakurichi and Chidambaram. For these T.V.T. cases, the amount of incentive given was Rs. 100 per case, which entailed an additional expenditure of Rs. 70 per case. In addition, one saree costing about Rs. 12 was also given as also a raffle ticket. Along with the Tubectomy cases, an attendant and a child were also fed by the respective centres. All these items indicated an extra expenditure of about Rs. 100 per case.

(To be Continued)

### TAMIL NADU PUBLIC SERVICE COMMISSION.

#### Special and Departmental Test for Government Servants, etc. May, 1972.

The next Special and Departmental Tests for Government Servants and others will be held from 29th April 1972 to 17th May 1972. The last date for receipt of applications is 29th February 1972 for the Special Tests and 22nd February 1972 for the Departmental Tests. Forms of applications can be obtained from the Secretary, Tamil Nadu Public Service Commission, Government Estate, Mount Road, Madras-2. For further particulars see notification published in Part II-Section 3 of the Tamil Nadu Government Gazette, dated 26th January 1972.

### TAMIL NADU HOUSING BOARD

The hire purchase allottees are requested to take their final sale deeds for the following Ex. C.I.T. Schemes which were completed long ago without any further delay.

(1) Sylvan Lodge, (2) Mandavellipakkam, (3) C.I.T. Colony (Mowbrays Road), (4) C.I.T. Nagar (Mambalam South), (5) Trustpuram (6) North Saidapet, (7) Kilpauk Garden, (8) Trust Square, (9) Trustpakam, (10) C.I.T. Nagar Extension, (11) West C.I.T. Nagar, (12) East Abiramapuram, (13) Aspiran Garden.

In respect of the following schemes also, the final sale deeds will be ready to be given beyond 31st March 1972. All concerned are requested to take them according to their convenience.

(1) Puliur Part III, (2) Nandanam (Extension), (3) Seethamma Colony, (4) Seethamma Extension, (5) Ramakrishna Nagar Schemes, (6) Turn Rulls Road (Nandanam).

Chairman, Tamilnadu Housing Board, Madras-35.  
**WANTED.**

Applications are invited for the post of "Accounts Officer" in a large industrial undertaking in Tamil Nadu.

**Scale of Pay.**—Rs. 550-25-600-35-950 p.m. plus Dearness Allowance Rs. 30 and House Rent Allowance at 8 per cent of basic pay or lieu thereof unfurnished quarters if available will be provided at the plant site.

**Number of post.**—One.

**Age limit.**—Between 35 and 45 years relaxable in exceptional cases.

**Qualification.**—Must be a Graduate and Chartered Accountant or a Cost and Works Accountant.

**Experience.**—Minimum 5 years experience in a responsible position, in-charge of Finance and/or Cost Accounting in a major industrial undertaking, preferably a Steel Industry.

Higher start may be considered in deserving cases depending on qualification and experience. Should be able to read, write and speak Tamil.

Applications giving complete details of qualifications, experience, age, salary drawn and salary expected should be sent to the Advertiser c/o Post Bag No. 5205, Madras-2. on or before 15th February 1972.

# MUSHROOM— THE MEAT OF THE VEGETARIANS

Scientists can sometimes give very unbecoming names to beautiful objects of nature, very unappetising names to tasty edibles. In similar vein they call the mushroom, fungi, included in fungi are useful things like penicillin yeast, ergot and mushroom. Though penicillin is a miracle it is after all a fungus as far as the scientist is concerned; similarly the tasty, mushroom, which is sometimes called the meat of the vegetarian's is still only a fungus. The mushroom is more popular in our villages than in towns. It is a much sought-after delicacy in our villages. It grows everywhere in the wild state and some are poisonous; for that reason is it that more often these avid eaters of mushroom come to grief. If we can grow mushroom like any other garden crop, it can become a safe delicacy. Even towns people can grow mushroom. If mushroom can catch on in adequate measure it can even be canned for export. Ours is a climate so suited for mushroom growth. The F.A.O. has assisted systematic growing of mushrooms in Himachal Pradesh to such an extent that a thriving export industry has developed. In our State mushrooms can be grown during March to September. The Tamil Nadu Agricultural University will supply the spawns for growing mushrooms. Those who want spawn may write to the Plant Pathologist, Department of plant Pathology, Tamil Nadu Agricultural University, Coimbatore-3

and remit Rs. 2 towards cost of two bottles of Spawn. It will be sent Freight to Pay.

The cultivation of mushroom for commercial purpose of Canning and export is taken by many countries such as France China, Burma, U.S.A., etc. In India two types of mushrooms are now grown in a small scale. One is

C. S. KRISHNAMOORTHY,  
B.Sc. (Ag.),  
Plant Pathologist, Agri. Varsity,  
Coimbatore.

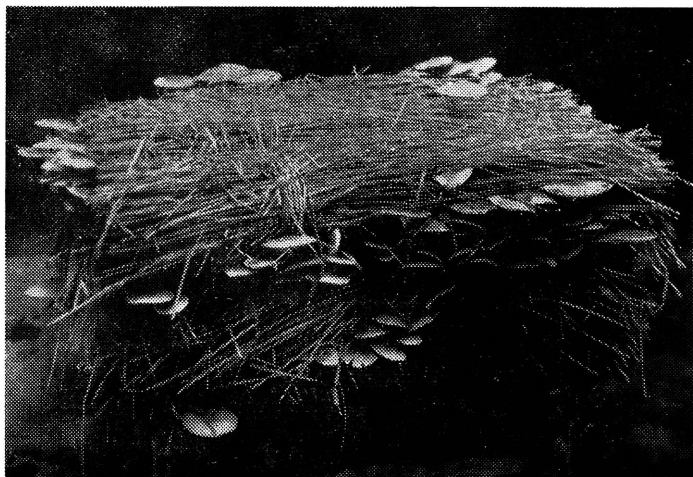
sub-tropical mushroom grown in the Himachal Pradesh called *Psalliota* and *Agaricus*.

## The Paddy Straw Mushroom.

The tropical mushroom called the Paddy straw Mushroom (*Volvaria diplasia*) is easy to grow and comes up in a fortnight. This will grow in all places where the temperature is not less than 75 Degree Farhenheit. A successful method of cultivation of this edible mushroom has been evolved at the Mycology Section of the Agricultural College and Research Institute, since 1943. The method followed is described here.

The paddy straw mushroom, can be cultivated only on paddy straw. Hand threshed paddy straw is essential. Straw is bundled in such a way that each bundle is 20 to 25 cm. in thickness and 90 to 120 c.m. in length (1½ to 2 kilo in weight). The bundles are steeped in water for 12 hours keeping them completely immersed. On a raised platform or on wooden plank kept raised, four bundles of straw are placed side by side.

Another row of four bundles is placed over with the loose end in the opposite side. This constitutes the first layer. The bottle containing the spawn is broken and bits of the spawn are placed all round,



Mushroom starts blooming in a week.



10 to 12.5 c.m. from the edges of the layer. Over this a dessert spoonful of powdered redgram (dhall) is sprinkled to serve as starter for the spawn to grow. Similarly, a second layer is formed with eight bundles of straw but the bundles are placed crosswise.

A third layer is formed placing the straw bundles parallel to the first layer. The final layer will be a repetition of the second layer. The bundling and the alternating of rows across gives strength and shape to the bed. The beds are then pressed tightly and then watered with a rose-can just to moisten the bed. Excess watering should be avoided and the beds should neither be too moist nor allowed to dry. The beds are watered once in three days either in the morning or evening.

The beds are to be covered with a white polythene sheet which may be removed at the time of watering. The success of mushroom growing depends on regulation of moisture. The mushrooms begin to appear after 10 to 12 days and continue to sprout for four to five days. A second crop may be got after one week.

The mushrooms will first appear as small pin heads which later on develop into small buttons covered with a protecting sheath. This sheath is broken as the mushroom expands and remains as a cup-like structure around the base of the stem and it is called a cup or volva. It is at this stage that mushrooms are to be picked.

These mushrooms should be used fresh, that is, on the day of plucking itself. From a bed total yield of 3 kg. may be obtained. The cultivation of the mushroom is possible during March to September in South India. The temperature should not be less than 24 Degree of Centigrade at any period during its cultivation but higher temperatures are beneficial.

#### Nutrient content of Mushroom.

Mushroom contains 90 to 92 per cent water. The balance 8 to 10 per cent is a rich protein. It contains mineral salts like iron,

copper, potassium and calcium in traces. It is rich in vitamins B and D. It is entirely devoid of starch and as such is ideal for diabetic persons.

Mushroom is used just like any other vegetable or greens in the kitchen; it is used as spicing ingredient in all types of preparations. It is prepared and used just like the onion in all preparations, though not as a substitute for onion. As a seasoning it can not only enrich a meal but add a lot of flavour all its own. It is the flavour of the mushroom which makes it such a delicacy. The flavour is all too much like that of chicken meat and also taste as good as chicken meat. In Conjeevaram idly pieces of mushrooms can be added just as coconut pieces are added and baked. Sometimes mushroom is used as filling in baked or fried **Kodai Milagai**, of course with enough seasoning for mushroom! In omelettes the mushroom is used as onion seasoning. If you cannot use all the mushroom the same day, you can pickle it by pouring scalding

hot vinegar or tamarind sauce on raw mushroom. This will keep for any number of days and can be used any time. But the pickle can be used only after 15 days!

Usually a poisonous mushroom can be distinguished from a non-poisonous one by the following features :—

(1) The poisonous ones usually have scales on the top umbrella like portion (Pileus) which is absent in the edible ones.

(2) The poisonous mushrooms are brightly coloured whereas edible ones are white, ash or flesh coloured.

(3) The poisonous ones produce a repulsive smell on breathing emitting lact which is not so in the case of edible ones.

(4) A poisonous mushroom when boiled with a silver coin in water deposits an ashy coating which is not produced in the case of edible ones.

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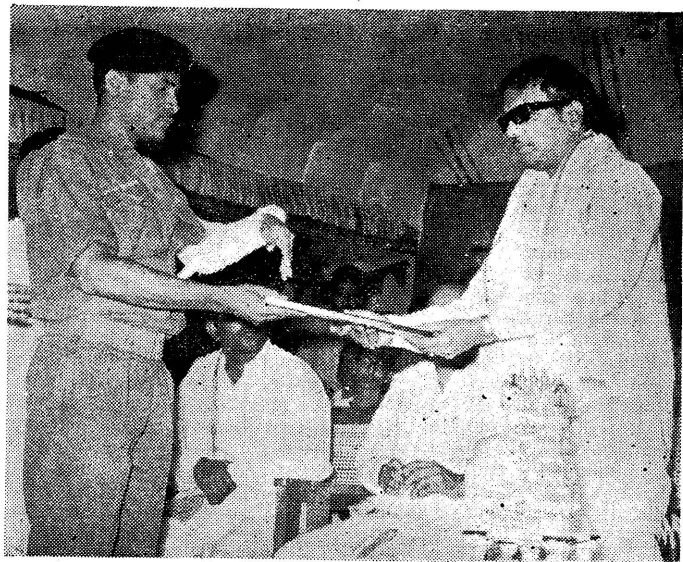
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TELE: "MONARCH"

Sarath

Tamil Nadu, as the other States in the country, has continuously and consistently attempted to translate its anxiety for services-welfare into meaningful public concern. The Government of Tamil Nadu, thanks to the active and willing co-operation of the informed public, have evolved many schemes, undertaken many projects to ensure the welfare of service and ex-service persons.

The State Soldiers', Sailors' and Airmen's Board located at the State Headquarters supervises the welfare programmes throughout the State, through its operating wings of the Soldiers', Sailors' and Airmen's District Boards in each of the districts. These Boards have representatives from different walks of life. The State Board is headed by the Minister for Religious Endowments who is also in-charge of Ex-servicemen. The District



Chief Minister presents patta for 3 acres to wounded gunner Johnson of Chingleput on 7th January 1972.

## EX-SERVICEMEN IN TAMIL NADU

Boards are presided over by the Collectors of the respective districts. The entire State Organisation is administered by the Director of Employment and Training, who is the Head of the Department. The operating expenses of the State Board comes out of the State Budget. The expenditure on the District Boards, however, is shared by the Government of India and the State Government.

The Ex-services Men Welfare Organisation in the State is almost 50 years old. It grew out of a lively awareness of public responsibility towards its defence services, who are our best guilt-edged security for national sovereignty. The problems of services welfare, therefore, are inextricably inter-mixed with national emotions, patriotism and responsibilities. During the last 50 years, this organisation has steadily grown and is still in the process of growth. For

example, until recently the State and District Boards had part time Secretaries from the Department of Employment and Training in ex-officio capacity. This is being changed. The State Board has now a full-time Secretary as also six of the twelve districts. Proposals are under consideration to constitute an independent Board Office for the Nilgiris. These developments are the results of the growing awareness of and the increasing involvement in the ex-service affairs by the State Government. These are, also, in part, indices of the expanding frontiers of Services Welfare in Independent India.

A volunteer defence service such as ours succeeds to the extent that they are backed by the Nation; it is an exercise in the maintenance of good morale. The morale of our fighting forces is almost a legend and has been proved over and over again through peace and war. The Soldiers', Sailors' and Airmen's Board Organisation is necessarily concerned with the problems of these bravemen and women, their families and dependants.

The problems of Ex-services' Welfare are many and varied. Our men of the fighting services, during three-fourths of their service life, are generally separated from their families, being posted in remote

areas where they cannot live with their families. The great stress and strain of such separation from normal life imposes several problems. Welfare measures will have to harmonise national duty with family responsibilities, or at least keep any such emotional conflicts under check by keeping the families as happy as possible and thus sustaining the morale of the fighting forces. Another example is the resettlement of the returning soldiers, sailors and airmen, after their dedicated service. These men, when they are discharged, are relatively young in age and active in habits. They have before them many years of useful service and with their acquired skills and talents have quite a significant role to play in the socio-economic affairs of the country. How best to utilise these talents gainfully is another problem to which any welfare programme should address itself. Physically and psychologically this is important because future volunteers will tend to judge their choice of a defence career by the concern the Society expresses for the released soldiers/sailors/airmen. Such are the problems that the Board Organisation faces.

Resettlement of Ex-servicemen and women constitutes one of the most important activities in the

State. The concept of resettlement in relation to ex-service persons is more inclusive and the spectrum is wider than what is normally associated with the term. It ranges from as simple a thing as making cash payment to alleviate immediate distress to a complex problem of rehabilitating a disabled or afflicted soldier/sailor/airmen in life through appropriate medical treatment, work therapy, vocational training and placement in a gainful employment. Such is the pervasive philosophy of resettlement that, in the words of late Prime Minister Nehru, "the question of resettlement of ex-servicemen which was looked upon so long rather on compassionate grounds, should really be perceived from the national point of view, of taking advantage of trained and disciplined ex-servicemen in the best interests of the Country". In keeping with this philosophy, the Government of Tamil Nadu have accorded due priority to ex-servicemen in the matter of employment under them. They have also reserved a percentage of vacancies arising under them to be filled only by exservices applicants. About one fourth to one fifth of the active Ex-Services applicants registered with the Employment Exchange in this State are being placed in jobs every year.

The State Government have issued about 500 land pattas to ex-servicemen in the last 3 years. In spite of the acute shortage of land, the Government having granted so many pattas is an eloquent testimony to the lively interest of Government in Ex-services resettlement. Recently, through assistance from various sources, a housing colony for

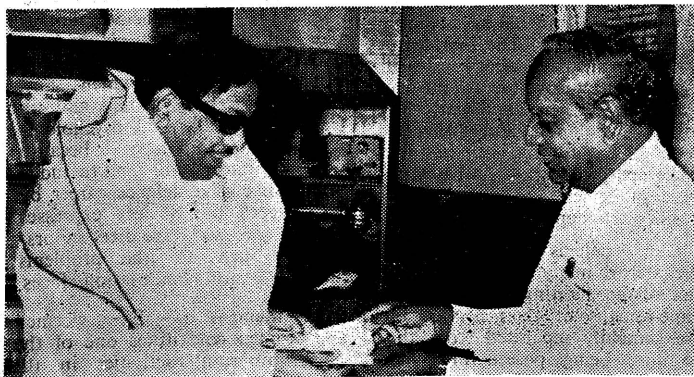
Exservicemen has been organised in Kovai-Pudur in Coimbatore district. It is the hope of Government that, given the co-operation necessary, it should be possible to organise many more such colonies as part of ex-service welfare in the State.

The several Ex-services Co-operative Transport Societies, land colonies and industrial co-operatives have been specially developed as part of Ex-services welfare. In addition, the organisation maintains ten Ex-services Centres in most of the district headquarters towns, with amenities for rest and recreation. These are hired to ex-services and serving personnel at nominal rent and serve as community centre for Ex-services and serving personnel and their families. A few more such rest and recreation centres are being planned in Madras City and other district headquarters towns. A Jawans' Market with 40 shops has been constructed at Salem at a cost of Rs. 2 lakhs and this will go a long way in helping the ex-servicemen to start small trades.

This is not the whole story of ex-services welfare in Tamil Nadu. The Tamil Nadu Ex-services Personnel Benevolent Fund is administered by a Financial Sub-Committee of service, State officials and non-officials. This committee meets once in three months and sanctions grants to deserving ex-servicemen/widows of killed/deceased personnel of the Armed Forces for a variety of purposes. By way of monthly grants, the fund sanctioned Rs. 2,38,880 to 543 ex-servicemen during the year 1970-71. This may be compared with 327 persons and Rs. 39,475 in

1969-70. Such grants are increasing in number and value year after year. Besides such monthly grants lump-sum grants are also being given for setting up of small business, cycle repair shops, poultry and dairy farming, etc. During 1970-71 a sum of Rs. 51,529 was sanctioned to 141 cases. Under a scheme for short-term loan assistance to needy ex-servicemen 30 were benefited; the total loan value being Rs. 5,380. The Board has also sanctioned immediate cash reliefs to distressed ex-servicemen beneficiaries numbered, 1,621 persons and the value of such benefits was Rs. 92,623 in 1970-71 compared to 297 persons and Rs. 8,619 in 1969-70. Apart from these forms of assistance, the Board maintains 10 disabled ex-servicemen in Queen Mary's Technical School, Kirkee for under going vocational and technical training in select trades. The Board also encourages vocational training of dependants of ex-servicemen in the Andhra Mahila Sabha and Shree Seva Mandir, Madras. Marriage grants for daughters of ex-servicemen at Rs. 300 for each ex-serviceman are also made available. 141 ex-servicemen secured Rs. 32,400 during 1970-71 as against 50 ex-servicemen and Rs. 6,900 in 1969-70 respectively.

The Amalgamated Fund for ex-services resettlement and rehabilitation, presided over by the Governor of Tamil Nadu is another source of assistance to ex-servicemen. This fund extends a variety of assistance such as free grants to the widows and the disabled, loans to unemployed ex-servicemen to start industry/business, scholarships to children of ex-servicemen for professional and higher education Assistance to the tune of Rs. 15,57,438 was given from the Amalgamated Funds in 1970-71, which is almost five times the quantum of assistance given in 1969-70 i.e., Rs. 3,68,368.



Collections to National Defence Fund are pouring in. Here Land Development Bank chief is presenting a cheque for Rs. 5 Lakhs. Total collections as on 29-1-72 is Rs. 2,35,88,119-99 p.



I am especially grateful to the Tamil Nadu Slum Clearance Board and particularly to its dynamic Chairman, for having given Mr. Meighorner (Architect and Town Planner from Munich/Technical Representative of Germany) and me the opportunity to see some really exemplary projects of Slum Clearance. This work being done deserves every encouragement and admiration.

Dr. HERRING

I agree absolutely with the remarks of Mr. Dr. Herring. I will use every opportunity to talk about the exciting facts I have seen, as soon as I am at home again. Your approach is an outstanding example also for other continents.

GERHARD MEIGHORNER

City Planner Munich  
Germany.



New tenements in Notchi Nagar.

## A NEW ERA FOR SLUM DWELLERS

The new tenements in Notchinagar constructed by the Slum Clearance Board was inaugurated on 21st January 1972, by Thiru K. R. Ramaswamy, Chief Engineer, Slum Clearance Board. Thiru C. J. Jagannathan, Secretary, Notchinagar Betterment Committee presided over the function. On this day of rejoicing the first batch of dwellers in this slum have entered their new tenements equipped with all amenities. It is one of the schemes taken up after the formation of the Slum Clearance Board. Various other schemes are likewise under execution and under various stages of completion. The new era has set in and every poor man is proposed to be provided with a house. All the schemes are being pushed through with a sense of dedication and social service.

# JUTE-PADDY ROTATION CULTIVATION IN TAMILNADU

The single paddy crop economy which characterises Thanjavur and other districts in the State is likely to experience a much needed change with the introduction of jute. Jute can be grown in February and March after the Samba paddy harvest in the districts of Thanjavur, Tiruchirappalli, Madurai, Tirunelveli and Chingleput. It has been computed that the net return to the farmer from this jute paddy crop pattern would be of the order of Rs. 2,000 per acre. International and internal market is now ready for a rapid expansion of jute production. The long term implications for Tamil Nadu's jute crop will depend on the country's production meeting the expanding international demand while Tamil Nadu jute will be meeting the expanding domestic demand. It is only necessary for the farmers to set up the needed retting tanks, etc., while the State Government will train the necessary staff at the Calcutta Institute of Jute Research. Thanjavur's sole and somewhat unviable dependence on paddy can thus be corrected.

After January harvest of paddy, sowing time for jute is round the corner. You can get a handsome profit from this crop. Here are the tips.

Jute being a bast fibre crop, the yield depends on how profusely the crop puts on the foliage. This in turn, depends on the care you give to it right from the start.

Now the jute yields about 11 to 13 quintals per hectare. The improved practices can be finitely double the yield.

## Land preparation.

Plough the land deep to remove the stubbles of the previous crop. Powder the soil and prepare a fine seed-bed. Follow each ploughing with laddering to level the land. Break up the clods, collect weeds and compress the soil slightly.

If needed irrigate. Lime the soil with seven to fifteen quintals of lime per hectare, if the test shows that, the soil is acidic. Do this one and a half months before sowing.

## Seed treatment.

Treat the seed with Agrosan GN at 5 to 8 grammes per Kilo of seed. Treat the seed for ten minutes before sowing.

## Manuring.

Apply farmyard manure, compost or farm refuse at 5 to 8 tonnes per hectares. Also add 20 kilos of nitrogen in the form of ammonium sulphate, 40 kilos of muriate of potash (at 20 kilos of  $K_2O$  per hectare and 125 kilos of single superphosphate to supply 20 kilos  $P_2O_5$  per hectare). Mix all the chemicals thoroughly with the soil when the land is finally prepared.

## Sowing.

Use the following seed-rate, For white Jute, JPC 321, JPC 212, etc. at 6 to 8 kilos per hectare and tossa jute, JRO 632, JRO 620, etc. at 4 to 6 kilos per hectare. Sow in rows of 30 centimetres with the help of hand seed drill to a depth of 1.5 to 20 centimetres. See that there is enough moisture in the soil. This will ensure good, germination.

Sowing time may range from early March to early April for white jute and mid-April for white jute and mid-April early May for tossa jute.

## Weeding.

As you know, the yield of fibre depends on the vegetative growth of plant. Timely and right inter-cultural operations stimulate the vegetative growth of plant. Start the inter-cultural operations after three weeks from sowing. Maintain a spacing between 7 to 10 c.m. from plant to plant. Hoe with wheel hoe after each hand weeding.

## Top dressing.

Use either ammonium sulphate at 100 kilos per hectare or urea at 45 kilos per hectare to supply 20 kilos of nitrogen. Give the first top-dressing just after the first weeding and thinning when the crop is three to four weeks old. Topdress again ten to fifteen days later.

Follow each topdressing with hoeing. To avoid scorching of the leaves mix the fertilizers thoroughly with four to five times its weight of the soil before application.

For high yields from white jute double the fertilizer does as this is a non-lodging variety.

## Pests and diseases.

Field cricket, often damage the seedlings. To control this pest dust Aldrex 5 per cent at 20 kilos per hectare in the soil during land preparation. If the cricket trouble is seen in standing crop, spray



Aldrex 50 W.P. at one kilo in 500 litres of water per hectare take preventive measures against all the jute insect pests such as indigo caterpillar, stem weevil and semi-looper by spraying regularly with Endrex 20 E.C at 670 to 840 Ml. per hectare with 450 to 560 litre of water.

If there is mite, spray lime sulphur solution (one in 49 parts of water) at 500 litres per hectare and dust lime sulphur dust in the proportion of 3 : 1 at 20 kilos per hectare.

You can check diseases like stem rot, root rot and seeding blight by regularly adding lime in acid soil. Add potassic manures and fertilizers and remove plant debris like stubbles of the previous crop. Provide good drainage. Attack of nematodes has now become a great problem. Control them by soil application of nematicides such as nemagon at 7.5 to 9 litres per hectare.

The fibre yield goes up if the plants have a longer time to grow. Sow early to provide longer period for growth.

The right time for harvesting is when the plants are at small pod stage. Earlier harvesting would give better quality of fibre but yield will be low.

Bind the harvested reeds into separate bundles of 18 to 20 centimetres diameter each. Remember to bind the thick and thin plants separately. Leave the bundles standing in the field for two or

three days to let the leaves shed. This will prevent the fibre from getting a dark colour.

### Steeping and Retting.

Ret in a shallow canal or river with slow running and clear water. Where such facilities are not available, two metre deep tanks are quite suitable.

Keep the jute bundles standing in 30 to 60 centimetres deep water for three or four days before the entire bundle is steeped. This ensures uniform retting.

Cover the steeped bundles with water weeds, jute sticks or some leguminous plants like dhaincha or sunnhemp. This will accelerate retting. Weigh the bundles down, 10 centimetres below the surface water carefully so that the jak should not touch the clay at the bottom of the tank. Retting is best done when the temperature of water is between 31 and 36° C, and it may be completed within a fortnight. If the temperature gets cooler, retting gets prolonged.

### Extraction and drying of fibre.

Extract gently from each reed separately to get cleaner jute fibre with minimum waste. Beating of fibres with wood stices should be avoided, as it spoils the quality.

Dry the extracted fibres over a bamboo frame or thick wire frame or on a clear surface in mild sun for two or three days. The fibre loses its lustre and strength by too much exposure to hot sun.

Jute ready for Harvesting.



## GOVERNMENT OF TAMIL NADU.

### Rural Development and Local Administration Department.

Applications in the prescribed form are invited from qualified Men candidates up to 4-30 p.m. on 15th February 1972 for appointment to 150 posts of Gramasevaks, Grade II in the Tamil Nadu Gramasevaks Service to be made by direct recruitment.

**Qualifications :** (i) Must have completed the S.S.L.C. with not less than 40 per cent of marks in Tamil; OR

(ii) Must have obtained a post basic (Lower) certificate awarded by the Director of School Education;

OR

(iii) Must have passed the VIII Standard or the III Form of recognised school in the case of Political Sufferers ; OR

(iv) Must have passed the VIII Standard or the III Form of recognised school ; or the Indian Army Class II standard in the case of Ex-Servicemen.

**Age :** Candidates should be above 16 years and below 25 years on 1st July 1972. Candidates belonging to Scheduled Castes and Scheduled Tribes should be above 16 years and below 30 years on 1st July 1972.

**Fee :** The application fee payable is Rs. 5. Candidates belonging to Backward Class or Scheduled Castes and Scheduled Tribes are exempted from the payment of the prescribed fee if they have passed P.U.C. examination in Arts and Science, or taken a Degree of Madras or Annamalai University or equivalent qualifications.

**Pay :** The scale of the post is Rs. 200—5—250—10—300.

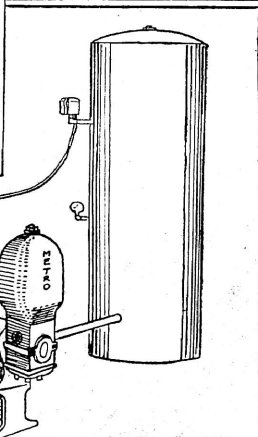
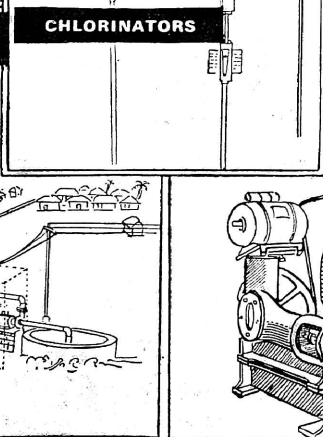
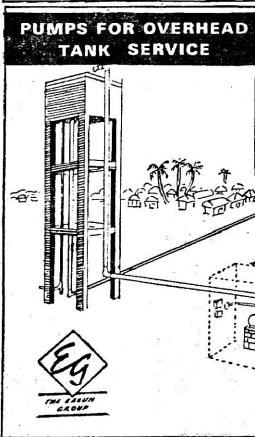
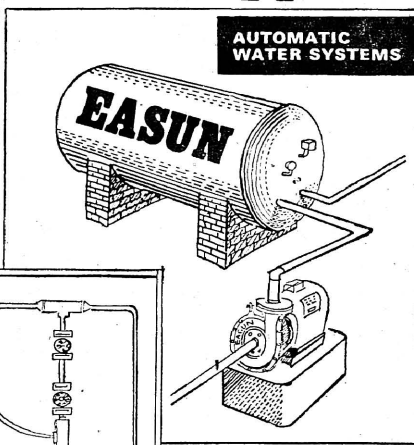
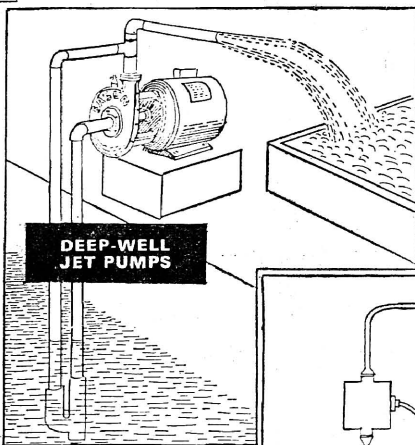
Detailed particulars regarding recruitment and form of application may be obtained from the Director of Rural Development, Kuralagam Buildings, Esplanade, Madras-1 on a requisition in writing with a sufficiently stamped and self addressed envelope.

**Director of Rural Development.**



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# CHEMICAL INDUSTRIES FOR DHARMAPURI DISTRICT

The Chemical Industry has grown to the status of an important component of the national industrial potential. The fundamental and basic needs (with regard to health of the people, food, clothing, shelter, transport, communications, etc.) are met directly or indirectly by the chemical industry which plays a vital role in the development of other industries such as process, engineering, consumer and metallurgical industries.

In the last 2 decades Tamil Nadu has registered a steady progress in the field of chemical industry particularly heavy chemical industry. Sulphuric acid, caustic soda, calcium carbide, and fertilisers are some of the industries which have been well developed in our State. Paper, sugar, and vegetable oils have been developed by utilising the agricultural resources. The mineral based industries developed in the State include cement, aluminium and ceramics. The Neyveli Lignite Corporation with a thermal power station, urea fertiliser plant and a briquetting and carbonisation plant is a major development of industries in the State. A number of chemical bye-products such as phenols, xylenols, tar, kerosene, etc. are also produced in the briquetting and carbonisation plant. Based on these bye-products units for the manufacture of Salicylic acid Bisphenol A etc. can be set. The possibility of establishing a chemical complex at Neyveli based on the Neyveli bye-products is under consideration by State Government.

A major breakthrough in industrial development of the State has been the setting up of the Petroleum Refinery at Manali. A giant fertiliser unit is also coming up as a part of the Manali complex. The scope for establishing an integrated petro-chemical complex is also being examined. This complex when

set up would give rise to many basic chemicals such as ethylene, propylene, butadiene, etc. A host of satellite units could be set up to utilise these chemicals. The implementation of a petro-chemical complex is therefore certain to change the entire picture of chemical industry in the State.

Tuticorin, a big salt centre in the State is another potential area offering wide scope for developing chemical industries. Steps have already been taken to establish a chemical complex with a fertiliser unit in the joint sector.

Considering the availability of natural resources and basic raw materials coming mostly from sea, air, minerals, forest and farm, the progress already achieved is not adequate. Further development is certainly possible if all the natural resources and raw materials are properly and fully exploited and utilised. In order to plan future development, it is absolutely essential to take stock of the availability of raw materials and other resources so that the potentialities and possibilities of setting up different types of chemical industries could be examined and workable schemes and projects drawn up. During the successive Five-Year Plans, most of the districts in the State have progressed to a substantial extent in respect of chemical industry in the large and small-scale sectors. However, comparatively a few districts have not made much headway in this field and Dharmapuri is one such district. In this article it is proposed to discuss the possibilities of developing chemical industries in that district.

Dharmapuri district has been recently bifurcated from the composite Salem district and comprises of 4 taluqs, namely, Harur, Hosur, Krishnagiri and Dharmapuri,

Compared to Salem, Dharmapuri does not have many industries and the district is primarily agriculture-based. Considering the availability of raw materials and natural resources though limited, there is scope for developing chemical industries preferably in the small-scale sector.

Tapioca which is grown in and around Dharmapuri district forms the basic raw material for the manufacture of sago and starch. Sago which is used as a good product finds very wide market in States like Maharashtra and West Bengal. Tapioca starch is in great demand by textile units in the country. There is, therefore, ample scope for developing this industry on modern scientific lines.

Being a major producer of castor seeds, the district has got good scope for setting up units based on castor seeds. Castor oil finds use in paints and varnishes, hydraulic fluids, cosmetics, soaps, printing ink, linoleum, etc. Refined castor oil is used in medicine.

Turkey Red oil used in textiles, leather, soaps and dyes, can be prepared from castor oil by Sulphonation. A unit could very well be started in the district in the small-scale sector for a capacity of 500 Kg./day with a capital investment of Rs. 2 to 2.5 lakhs.

A plant can be set up to produce blown castor oil which can be used in plasticisation of lacquers in the preparation of artificial leathers, coated fabrics, oil cloth and similar products. A small-scale unit with a capacity of 1/2 to ton a day requires a capital investment of Rs. 2 lakhs.

Since non-edible oil bearing trees such as neem are grown in the district there is good scope for extracting the oils such as neem, punna, punga and illupai. These oils can be processed to get fatty acids which in turn can be used for the manufacture of soap. In the present context of acute scarcity of edible oils, there is a strong case for utilising non-edible oils for making fatty acids. Besides, a

valuable by product glycerine is also obtained in this process. A unit for processing 10 tons of oil per day would require a capital investment of about Rs. 15 lakhs.

Availability of straw, wood shavings, etc., in the district and bagasse from the nearby sugar factories gives ample scope for setting up a paper board unit in the district. This could be in the small scale sector with a capital investment of about Rs. 7.5 lakhs.

Deposits of limestone that occur in some parts of the districts can be profitably used in the manufacture of chemical lime and a unit of 5 tons a day capacity with a capital investment of Rs. 3—4 lakhs can be set up at a suitable location. Chemical lime finds use in paper; leather and sugar industries.

The demand for paints and varnishes in the State has been on the increase in recent years as a result of increased building and other constructional activities. Even though there are paint units in the small scale sector in other districts, there is no unit in Dharmapuri district for making paints and varnishes. There is great scope for setting up one such unit in this district which can cater to the local needs. A small scale unit for making common ready mixed paints such as aluminium, red oxide, red oxide zinc chrome primers, etc., can be set up with a capital of about Rs. 2 lakhs.

The history of therapeutic agents is inseparably bound with the development of chemical industry. There are at present no formulating units in the district. A formulating unit for compounded preparations, tablets, tonics, mixtures, etc., can be set up from the point of increased demands for such medicines. Capital investment would be of the order of Rs. 2 to 3 lakhs.

Abundant availability of different kinds of fruits in and around Dharmapuri district and facilities for training in fruit preservations provide good scope for setting up one more canning unit in the district. Besides

this, dehydrated fruits and vegetables, find good export market and this unit could become export oriented and earn valuable foreign exchange. Necessary know-how can be obtained from the Central Food Technological Research Institute, Mysore.

A unit for manufacturing plastic processed goods could be set up in the district especially since PVC is available at Mettur. Other industries which could be suggested for the district include, Activated Carbon from Rice husk, glucose from starch, Sodium silicate from quartz and abrasives, etc., and cattle feed.

Tamil Nadu has a well developed textile industries. Besides there are a number of cottage and small scale units engaged in handlooms. The operations requiring the use of chemicals in this industry are washing, scouring, bleaching, dyeing and calendering.

There have been growing demands in recent years for various dyestuffs. This industry has not yet been developed in the State. There are only about 10 units in the small scale sector making some of the common dyes. In view of the existence of a large number of textile units and handlooms consuming large quantities of dyestuffs, it is necessary to start manufacture of dyestuffs in an organised way. The few units in Salem and Erode are not at all enough to meet the increasing demands. The Textile and Handloom industry in Tamil Nadu consume about Rs. 4 crores worth of dyestuffs annually. There is thus scope for organising the dyestuff industry in the State. Dyestuffs such as acidic and basic, azo and azoic; direct and vat, special dyes, etc., can be manufactured.

The chief draw back in the development of this industry is the non-availability of basic chemicals and intermediates. The Hindustan Organic Chemicals being set up in Maharashtra will provide the basic intermediaries for dyestuff industry in this District. So much so, the large weaving community in

an area of 100 miles around this district could benefit from such a scheme.

## SCIENTIFIC NEW PROCESSES DEVELOPED.

Twenty new processes developed in various scientific laboratories of the Council of Scientific and Industrial Research will be made available to the Indian industries for commercial and industrial exploitation.

Among the processes which will be released to the industry by the Corporation will be: Fabrication and reconditioning of cathode ray tubes and television pictures, tubes, mica based paints, perfumes from cinnamon leaf oil, Plaster of paris and building plaster by fluidised bed calciner.

The Board also decided to support the two developmental projects, namely Citric Acid by the fermentation method and S.A.N. Plastics.

For the first time in the 17 years of its existence the Corporation has made profits during the year 1970-71.

The National Chemical Laboratory, Poona, has developed a process for the manufacture of catechol starting from polyvalent phenol fraction (Catechol cutrich). It involves the treatment of the polyvalent phenol fraction with benzene and crystallising pure catechol from the mixture. Catechol is used in the manufacture of T-butyl catechol, which is an important anti-oxidant, and also used as an intermediate for some drugs. The project, sponsored by the National Research Development Corporation is part of its programme of development of indigenous research and know-how.

The Central Salt and Marine Research Institute has developed a process for manufacturing potassium fertilisers from mixed salt. This will help to meet the growing demand for potassium fertilisers, an important nutrient, from the sea, as there are no potash deposits in the country.



# GROUND WATER RESOURCES OF TAMIL NADU

Four districts of Tamil Nadu, i.e., Thanjavur, North Arcot, Chingleput and Coimbatore will have about Rs. 60 Crores invested before February 1973 in helping 50,000 Farmers install 70,000 bore-wells, 10,000 Ordinary wells, 4,500 Tube wells, 4,000 Electrically driven pump-sets and purchase 1,500 Tractors. This, in the nutshell, is the immense Land Development Programme which is launched with dynamism and vigour by Co-operation Minister Thiru S. B. Aditanar.

Ground water is the most important of fresh water resources in the world. More than 97 per cent of all fresh water is under ground; only 3 per cent is in streams and lakes. Advanced countries have tapped the ground water very considerably to meet their water requirements. Not all ground water can be recovered because geological formations yield only a percentage for pumping. However, it is true that available ground water is many times more than the available supply of surface water.

In Tamil Nadu several multipurpose schemes for utilising the surface waters have been planned and executed already. Out of an available quantity of 700 T.M. ft. of surface water about 94 per cent

has already been utilised. Therefore, for further increase in food production we have to resort to ground water only.

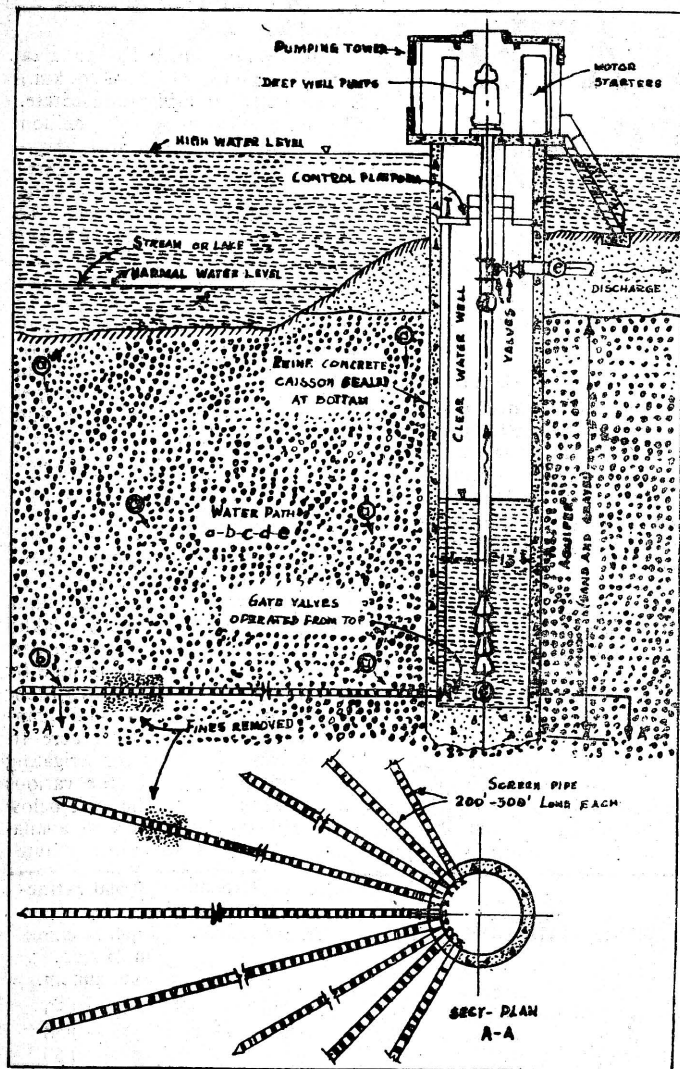
Tamil Nadu, which has an area of 50,331 sq. miles (1,30,148 sq. km.) is essentially an agricultural State. The net area sown is 5.90 million hectares and the gross area irrigated is 2.42 million hectares which constitutes 41 per cent of the net area sown. Out of 2.42 million hectares irrigated 67 per cent is irrigated by canals and tanks and 33 per cent by wells and springs. As can be seen, there is a large area sown, which can be brought under irrigation by ground water. Even in irrigated areas with the proper integration of surface water and ground water, it should be possible to increase both the effect and efficiency of irrigation.

## How much Ground Water ?

The State's ground water potential is estimated to be about 12 million acre ft. and with about 10 lakhs wells out of which 5 lakhs are energised, it is estimated that only about 3.5 million acre ft. are being utilised for irrigation. Hence there is an additional quantity of about 8.5 million acre ft. which can be utilised for irrigating the cultivable lands in the various parts of the State. The table below shows district-wise use and availability of ground water in the State:

NAME OF THE DISTRICT			Available Ground water in M.Acre ft. per annum.	Present extraction (approximate) in M.Acre ft. per annum.
Chingleput and Madras	..	..	0.97	0.30
South Arcot	..	..	1.43	0.30
North Arcot	..	..	1.03	0.50
Salem and Dharmapuri	..	..	1.21	0.50
Coimbatore	..	..	0.88	0.65
The Nilgiris	..	..	0.19	0.00
Tiruchirappalli	..	..	1.32	0.35
Thanjavur	..	..	1.75	0.20
Madurai-7	..	..	0.86	0.35
Ramanathapuram	..	..	1.10	0.10
Tirunelveli	..	..	0.86	0.20
Kanyakumari	..	..	0.19	0.05
Total	..	..	11.79	3.50
			12.00	

or



A collector well located near a surface  
water body. (courtesy Ranney Method  
Water Supplies, Inc.)

## Review of work so far done.

The Geology Branch of the State's Industries Department was the first agency to do some exploratory work in assessing groundwater potential in Avadi-Villivakkam and Araniar-Kortalayar basin. Further a number of investigation wells were taken up for providing water for small industries.

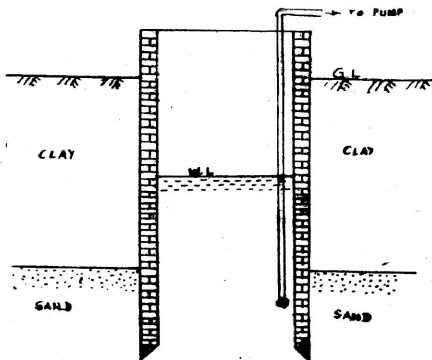
The Geological Survey of India has also been doing geological mapping and study of fluctuations of groundwater levels in various parts of the State.

Oil and Natural Gas Commission have done drilling and geophysical surveys in the sedimentary tracts of South Arcot, Thanjavur and Ramanathapuram districts with a view to locate oil resources. Information upto 300 metres depth is only needed for groundwater development and necessary data is being obtained from them.

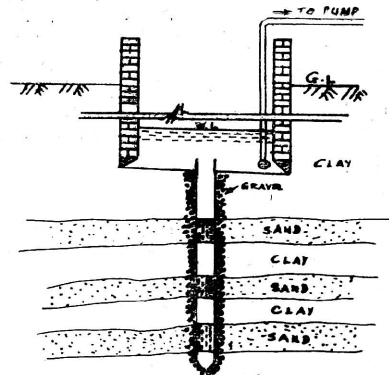
Exploratory Tube-wells Organisation of the Government of India did about 26 production wells during 1957-58 in South Arcot, Tiruchirappalli, Thanjavur and Ramanathapuram districts. The same organisation now re-designed as Central Groundwater Board has drilled 30 boreholes in Thanjavur District in collaboration with United Nations Development Programme—Phase II.

The Agricultural Department has been doing a number of Production wells all over the State for the ryots mostly on subsidised rate basis with a view to help the ryots to have a good source of irrigation. The Public Health Engineering Department is also doing production wells wherever possible to provide drinking water-supply to villages, panchayats and municipalities. The Corporation of Madurai has recently constructed a collector well for meeting the growing needs of the City of Madurai.

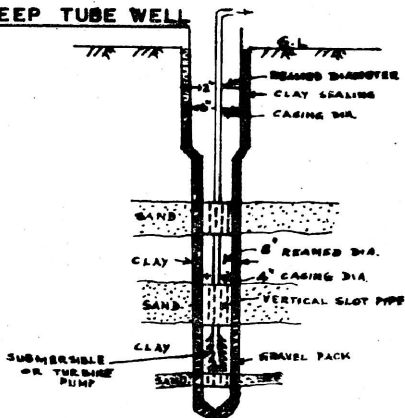
### ... DUG WELL



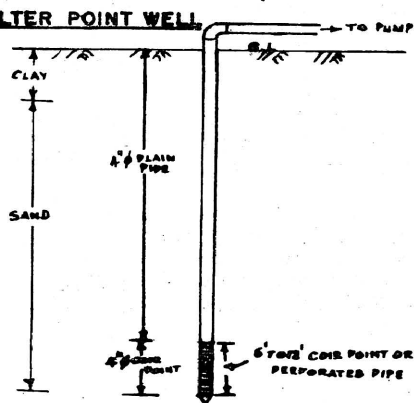
### ... DUG CUM BORE WELL



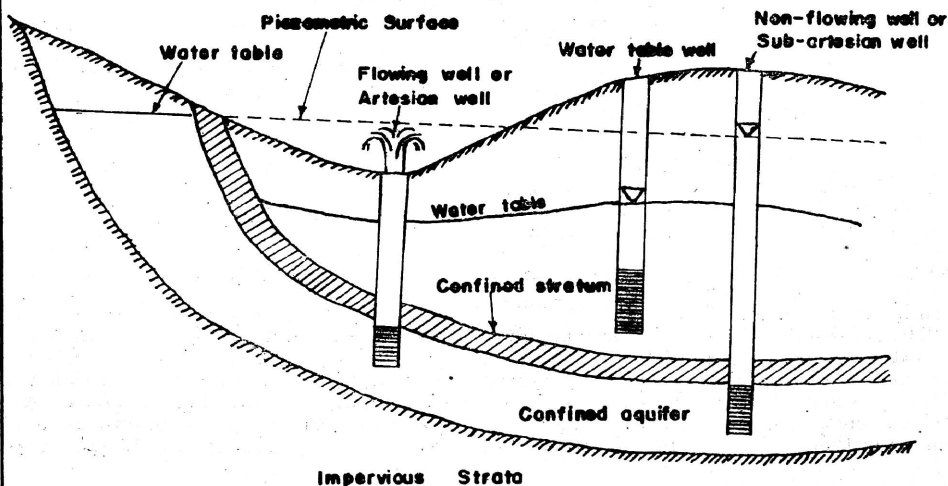
### DEEP TUBE WELL



### FILTER POINT WELL



### ... CONFINED AND UNCONFINED AQUIFERS ..





## Centralised Agency.

As a number of organisations have been doing both investigation and production works, the need for a comprehensive survey of the potential available was felt by the Government of Tamil Nadu in 1965 and with a view to assess the potential available, the Ground Water Division was formed at Madras in March 1965. After ascertaining the valuable information of the available water potential in the Araniar-Kortalayar basin (North Madras), this Division started constructing production wells in the three aquifers, viz., Minjur, Duranallur-Panjetty and Thamarai-pakkam-Kilanur. About 333 boreholes have been drilled. Detailed survey has also been done to study the possibility of collector wells in Araniar river bed. Detailed survey has also been initiated for studying the sea water interface in Minjur area.

As per the U.N.D.P.'s findings, the following quantities (in terms of million gallons per day) are reported to be available for safe extraction :

1. Minjur	... 7.5 m.g.d.
2. Panjetty	.. 9.0 m.g.d.
3. Thamarai-pakkam	.. 11.0 m.g.d.
Total	.. 27.5 m.g.d.

Construction of wells and pipelines for taking the water from Minjur to Manali have all been completed. Similarly, all the work for taking the 9 m.g.d. of water from Panjetty aquifer to Manali Industrial Complex has also been completed. Recently, the Government have approved the proposal to take the entire quantity of 11 m.g.d. of water from Thamarai-pakkam to Manali. Detailed estimates are under sanction and this work will be taken up very soon. It was these wells which saved the City from water famine in 1968.

In Neyvelli area, studies indicate minimum capacity of the Gadilam well field near Panruti as 35 m.g.d. It is concluded that 45 m.g.d. may be withdrawn.

## Second Phase of U.N.D.P. Project.

For a detailed investigation of hydrogeology and ground water potential of Cauvery Delta, a second phase of operation commenced on

## Information regarding the location of aquifers and the quality of water is being given to parties who wish to construct boreholes.

1st June 1969. This investigation includes agricultural and soil studies, for the purpose of indicating methods by which the additional ground water can increase the overall agricultural production in the area. The Project is expected to be completed by February 1972.

The salient features of the results of the investigation in Cauvery Delta are as follows :

(i) The ground water potential of this Delta has been generally assessed as follows :

Cauvery sub-basin.	46 TM cft.
Vennar sub-basin	9 TM cft.
Deep aquifer	.. 1 TN cft.

Information regarding the location of aquifers and the quality of water is being given to parties who wish to construct boreholes.

## The Ground Water Directorate.

The Government of Tamil Nadu appreciating the urgent need for a proper appraisal of the quality, quantity and the spatial distribution of ground water has taken a progressive step by constituting a "Ground Water Directorate" with the following objectives :—

(i) Undertaking explorations in the entire State in order to delineate ground water worthy areas, carry out investigations and pump tests and furnish necessary information and advise to utilising departments and agencies.

(ii) Collect and compile all relevant data from all organisations and departments engaged in the investigation and utilisation of ground water and prepare a Water Atlas for the State.

(iii) Provide technical guidance to small cultivators in such matters as size, type, manner of boring, deepening of wells, etc.

(iv) Advise on best methods of well construction and development and selection of pumps.

(v) Regulate construction of wells and tube wells so that there will be no risk of overdraft.

(vi) Tackle special problems like sea water intrusion, reclaiming water logged areas and artificial recharge, and

(vii) Implement the provisions of legislation when introduced.

The Agricultural Refinance Corporation of Bombay has come in a big way for giving loans to the ryots of Tamil Nadu through the State Development Bank. There are a number of schemes in various parts of the State for new wells, deepening the existing wells, and providing pumpsets. Some of them are under implementation and some are yet to be sanctioned.

The International Development Association has agreed to lend an amount of Rs. 26.25 crores for the following purposes :—

1. Minor Irrigation.
2. Land Levelling.
3. Land Drainage.
4. Tractors and initial parts.
5. Well drilling equipment, etc.
6. Consultancy Services.

2. Tiruchirappalli district.—110 medium tube wells and 300 shallow tube wells.

3. South Arcot district—2,500 shallow tube wells and 500 medium tube wells.

4. Districts of Chingleput, North Arcot, Salem and Dharmapuri.

New dug wells—8,000.

Pumpsets—11,350.

Deepening of wells—4,600.

Bore wells—100 (Chingleput District).

For the implementation of these schemes, 'No objection certificates' have to be obtained from the State Ground Water Directorate. The duration of the Project is 2½ years to be completed before end of 1974.

For assessing groundwater potential quickly and for furnishing necessary certificates of clearance and inspection, two divisions will be formed, one for the "sedimentaries" of the area with headquarters at Thanjavur and another for "hard rock" areas at Vellore.

It is the intention of the Government that farmers of limited means also must be enabled to avail the ground-water to improve the irrigation facilities in their small pieces of land. Small Farmers' Lift Irrigation Co-operative Societies are intended for small land owners who have continuous stretch of lands which have no surface water irrigation facilities and also want to improve their lands and adopt better farming methods. The main objectives of the societies are to dig, cut, construct and maintain wells, tanks, reservoirs, canals, water courses, pump houses, pipelines, culverts, bunds and to undertake pumping of water from wells, tanks and water courses by installing pumpsets for irrigating lands. The Societies all purchase seeds, manures,

implements, etc. and are awarded loans to meet these expenditures and function under the supervisor of Co-operative Department.

### Untouchability Offences—Six Special Police Squads for detection.

During the debate in the Lok Sabha on the Reports of the Commissioner for Scheduled Castes and Scheduled Tribes and the Report of the Elayaperumal Committee, a suggestion was made, among others, that in order to prevent physical violence and atrocities against the members of Scheduled Castes and Scheduled Tribes in the Rural areas, Mobile Police Squads should be set up. The Inspector-General of Police, Tamil Nadu, has stated that a wide gulf between Harijans and Caste Hindus still exists in rural areas in this State and that though the instances of physical violence and atrocities, which have come to official notice, are few and far between, there are several instances of indirect persecution of the members of the Harijan Community, especially in the matter of admission into hotels, temples and other social functions. He has proposed the formation of one Special Mobile Police Squad with a staff of one Inspector of Police, one Sub-Inspector of Police, two Head Constables and two Police Constables in each of the districts of Coimbatore, Madurai, South Arcot, Thanjavur, Tiruchirappalli and Tirunelveli to detect such infringement of the provisions of the Untouchability (Offences) Act in rural areas and bring to book the offenders.

The Government after careful consideration accept the proposal of the Inspector-General of Police and sanction the formation of one, Mobile Police Squad in each of the districts of Coimbatore, Madurai, South Arcot, Thanjavur, Tiruchirappalli and Tirunelveli with a temporary additional staff of one Inspector, One Sub-Inspector, two Head Constables and two Police Constables for each Mobile Police Squad.

## The Agriculture Refinance Corporation, Bombay has come in a long way for giving loans to ryots of Tamil Nadu through the State Development Bank.

The investments approved are :—

1. Thanjavur District :

1. Cauvery Sub-basin—5,000 filter points and 1,000 shallow tube wells.

2. Vannar sub-basin—2,000 filter points.

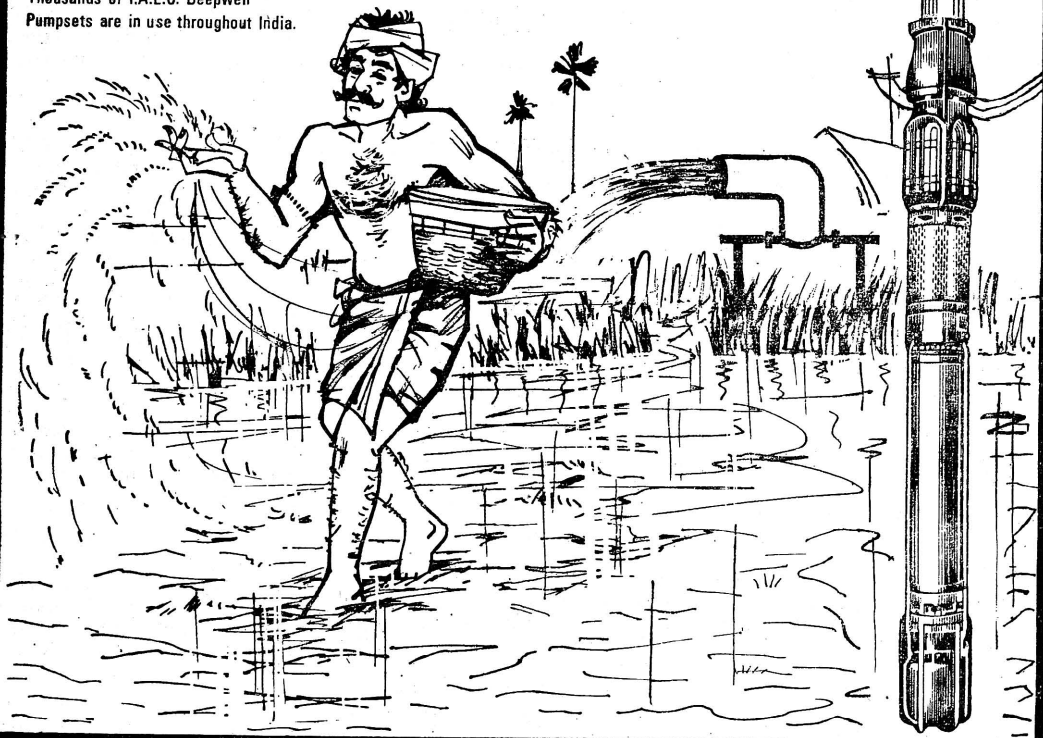
3. New Delta—90 medium tube wells.

4. Provision of 4,000 electric pumpsets.

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GOVERNMENT OF TAMILNADU

Chander.



*Hall in Madurai City where Kovalan stayed last. Kannagi rushes in like a gale and falls on the blood-spattered body of her husband.*

**KANNAGI:** Have they reduced you to a corpse, my Lord! When I bid you leave and sent you to the City with my Anklet, I predicted that good times were just round the corner for us. I had no means of knowing then, that untimely death was lying in ambush for you! How did you allow yourself to be abducted by death, my Lord and that too with such a terrible allegation branded on your forehead? There in Madahari's hamlet I was watching a tableau on grief while here in this hall of injustice you were the hero of a tragedy, preparing to set me adrift once again in the sea of sorrow, with my heart breaking into myriad bits. Did not the halo of integrity around your head, the light of courage in your eyes and the smile of truth on your lips convince your enemies that you were innocent beyond the shadow of doubt? Was it in anticipation of your end that you asked to see me walk, wearing both the Anklets? Combing your hair in the aura of *akkhil*, I added the fragrance of sandalwood to the gold of your complexion. And after food, I gave you betel-leaves of bright green treated with milk-white lime and spiced areca-nut; the red of your lips coursed through my veins in pulsations of sheer joy and I was waiting for you to come and resume the dialogue that transcends spoken words. And here I am now, deluded and deserted once again, and should I not at least know the reason my Lord, why I am being chastised for no fault of mine? Did

you not say the other night that I was the pure gold of your life, the pearl, the fragrance flawless and the source of light; was it all only an exercise in imaginery which evaporated when the stars set and the sun rose, like the dew-drops on grass? Speak to me but once, my Lord, just once—won't you?.. [Rising like an enraged tigress] Since you will not speak, I will force the whole world to speak for you. The world has got to accept that you were not a thief and the Pandya King who wields a sceptre bent will have to bow his head in shame. The savages who shed your blood must be crushed and the City of Madhurai with a blot on its emblem should be wiped off the face of the earth. That shall be my sole mission from this moment and this I swear, my Lord, on your blood. [She dips her finger in Kovalan's blood and applies tilak on her forehead.] [In laughter terrible] Blood for blood, blood for blood...

*She rushes out as she came, like a gale. Unfastening the single anklet and taking it in her hand, and, with tresses unloosed, she flies in the direction of the Pandya Palace.*

#### VOLCANO IN COURT.

*Kannagi at the entrance to the Palace. Her appearance strikes fear in the hearts of the guards.*

**KANNAGI** [ordering the guards]: Go forthwith and tell your Monarch that a woman who moves, though lifeless, has come to meet him, with tears in her eyes and a single Anklet in her hand...

One of the guards hurries in to convey the message to the King.

\* \* \*

*Court of the Pandya King. A guard enters and bows low to the Throne.*

GUARD : A woman is at the entrance, Your Majesty, she is in tears. She insists on seeing you.

NEDUNCHEZHIAN : Admit her.

*Kannagi enters, like a thunderstorm and volcano. The Courtiers gasp at sight of her.*

NEDUNCHEZHIAN (kindly) : Lady in great grief, who are you?

KANNAGI (fearless) : O Monarch who acts in haste ~~(the Courtiers are shocked at the form of address ; the king however is impassive)~~ I come from where a ruler of yore wrote himself into history by offering his own flesh in order to save a dove in distress ; and where, a successor of his trussed up and laid his son on the ground and ran the royal chariot over the little prince who had caused the death of the calf under the wheels. I am from the land of Karikalan the great and my birth place is Poompuhar, the capital city of the Chola Kingdom. I am the daughter-in-law of Masathuvan, the merchant prince . . . . .

NEDUNCHEZHIAN : What is your petition in this Court ?

KANNAGI : Hasty Monarch who has ascended the throne to blunt the glory of the three royal houses of Tamilnad, cradled by three seas yielding pearls and in the shade of three flags with three drums and three *sangams* to nurture Tamil! Cultivate the patience to hear in full who I am, before you are ready for my petition . . .

NEDUNCHEZHIAN : Who then, are you ?

KANNAGI : I am Kannagi, who has come here with a single anklet, with the dust of the street on my person, with dresses unloosed and with brow in a frown. I am Kannagi who has come, making bold to revile you in your own Court. That is all you know so far.

O Pandya King whose fame is spread far and wide. Your envoys are there in the Court of Rome and here are Romans in this Court of yours, as

envoys and warriors. Your emblem is known in distant climes and your flag is flying very high. In an act to break that flag-mast and make it come down in a crash, in an act to bring the contempt of foreigners on your anointed head, your tyrannous sceptre inflicted the precipitate sentence of death on one by name Kovalan. Know now, Monarch, that I am Kannagi, the wife of Kovalan !

NEDUNCHEZHIAN (exclaiming) : Kovalan's wife ! The wife of the thief who stole the anklet !

KANNAGI : Enough, Monarch, guard your tongue, although you guard nothing else. Was my husband a thief ? No ! On the other hand, the thieves are those evil men who foisted the blame on him.

NEDUNCHEZHIAN : Let not grief and fury blind your vision, Kannagi. Your husband was caught red-handed and don't you know that justice in Tamilnad prescribes death for the thief?

KANNAGI : O Pandya King who cites the scripture of justice ! What a mockery have you made of justice here, where the law is not to protect the good but to serve the needs of the mighty ! That is why you poured the treasure of my life into the abyss of death. O you who go in pomp, on a caparisoned elephant and in the shade of an umbrella gorgeous, tell me why a case which ought to have been heard in this Court was disposed of in an abandoned hall somewhere in the City ? Tell me, Monarch, why the sword of the executioner moved so fast, even without heeding the defence of the accused ? Is that to be called justice and righteousness and rule of law and good governance rolled into one ? Dare you call yourself a King practising virtue and upholding truth ?

NEDUNCHEZHIAN : Kannagi, the anklet in your husband's hand was my wife's.

KANNAGI : It was not. The anklet in my husband's hand was mine and mine alone.

NEDUNCHEZHIAN : I do not believe you.

KANNAGI : Who are you to believe me and did any one ask you to do so ? I have come to this Court with a case against you and since you are the accused, you have no manner of title or right to sit in judgement. The noble elders who have formed the Assembly here, they shall be judges now and let them give the correct verdict. (Addressing the House).



Revered Gentlemen  
of upright conduct,  
I address my plea  
to each conscience  
Take the oath  
on your mother dear,  
on Tamil pure  
and on the people of the land  
Swerve not

from the path of Justice  
out of fear  
of the might of the King,  
this Pandyan here  
who put to rout  
the Aryan hordes.  
And draw not  
the curtain of his fame  
over the guilt  
I charge him with.



The allegation, gentlemen, was that my husband Kovalan had stolen the anklet of Queen Kopperundevi and the sentence of death has already been pronounced and carried out.

My case is that it was a hasty verdict, delivered without inquiry or investigation or trial; and I hold Nedunchezian here responsible for it.

SENIORMOST MINISTER : Are you submitting any evidence in support of your contention?

KANNAGI : Yes, the Anklet I hold here in my hand. It was the twin of this Anklet that my husband brought to the City for sale and some evil men murdered him and abstracted the ornament, at the behest of the Accused here on the throne.

NEDUNCHEZHIAN : Then what of the anklets worn now, by the Queen ?

KANNAGI : Of the pair she is wearing now, one Anklet is mine without doubt. O, Pandya King who has defiled this Court of Law, a thousand questions you are aching to ask, in order to wash the blood clean from your hand ! Had you but shown a fraction of this care to cross-examine my husband, would you not have retained your title for evenhanded justice ? And would not my husband be still in the land of the living ?

SENIORMOST MINISTER : Are you in a position to prove that one of the Anklets worn by the Queen now, belongs to you ?

KANNAGI : Is there any use, my proving it ? Would you be able to fit the severed head of my husband on to his shoulders again and would you be able to bring him back to life ? You cannot, I know. Hear me further. My husband's head fell, only on his death; but your heads shall hang down even while you are alive, and that I shall see to, by making you realise that you are deprived of your honour, that you have taken leave of righteousness and that your justice is in tatters. Now, answer this question, O, Pandyan of Madurai ! What form the contents of your wife's anklets—pearls or rubies ?

NEDUNCHEZHIAN : Pearls, from Korkai.

KANNAGI : My Anklets contain rubies.

NEDUNCHEZHIAN : Here, let me see...  
(he turns to the Queen who unfastens her anklets and hands them to him. He dashes one of the anklets against the floor. The anklet breaks, to scatter pearls.)

NEDUNCHEZHIAN : (holding high the second of the anklets) : This was the Anklet stolen by Kovalan.

*As before, he breaks the Anklet. Rubies, red as blood-drops, roll on the floor.*

NEDUNCHEZHIAN (dazed) : Ah . . .


*The Courtiers too are in consternation.*

KANNAGI : Are you still in doubt ? Here is my second Anklet.

*In a fury of vengeance, she hurls the Anklet on the floor with all the strength at her command. There is a shower of rubies.*

KANNAGI : What else have you to say, Pandya ? Ministers of the Council and elders of this Court, what is there no answer to this from any of you ? Your tongues are tied and your heads hang in shame ; who dare talk of Justice now ? Pandyan Nedunchezian's Virtue and Valour and Power—are they not less than the dust under his chariot-wheels now ? What a fall, Nedunchezian ? You are an object of derision for the whole of the Tamilnadu and *Thirukkural*, the Scripture of the Tamil people, points an accusing finger at your awry Sceptre ! [Her voice takes on a tremor that strikes terror into the hearts of the Courtiers] Having lost your honour, do you still need a marbled Hall and a terraced Palace ? What is your title worth now, that you cling to your throne ? Having held Justice to ridicule, why does your trembling hand still hold the Sceptre ? The cold wind of Truth is blowing belatedly into this Court and is that why you cower there in the shade of your gorgeous Umbrella ? Archers and swordsmen, cavalry and elephant-brigade—will these shield you from the verdict of history ? Your tears are too late, Pandyan, but weep all the same and as you do so, think how you thrust me back into the darkness of grief when I had worked my way to the distant town. When my defenceless husband, fell a prey to your sword of tyranny, would he not have writhed in agony even as he bled to death ? And now my words stab your heart like a hundred swords and there is not a soul to pity you as you squirm like a worm cast in the noonday sun . . . . .

NEDUNCHEZHIAN [his voice broken] : Kannagi, your husband was not a thief ; I am the thief, for I have robbed you of your husband. In my haste, I uttered the order, " Kill and return" (Konru varugha) instead of saying " Bring him here" (Kondu varugha) and the fatal slip has brought a punishment worse than death on my head. O Tamil, O motherland, O my mother, forgive me, although I am undeserving of any grace . . .



*He slides down from his throne and falls full length on the floor. Soon his body is still.*

**KOPPERUNDEVI** : O, my Lord, my Lord!  
[*Sne too falls.*]

**KANNAGI** [*her fury still unabated*] : Blood for blood ! Death and destruction ! The City of Madurai which could not prevent the murder of my husband, let it be razed to the ground. Let mansions crumble and mounds arise. Let the very earth split and devour the sinful. Let dust get churned up and blot out the sun. Let fire spread and leave nothing behind, except its own spark—the spark of justice that shall glow through time !

*The laughter of her vengeance rises above the roar of the raging fire which threatens to burn up even the skies.*

*People run for their lives but the fire catches them up and they go down with hideous cries. The Chief, Goldsmith, the Officer who stole the Queen's anklet, the guardsmen who surrounded and killed Kovalan—all of them are swallowed up by the flames.*

*Kannagi, still with tresses unloosed, seems to lead the fire mile upon mile, until she leaves the boundary of Madurai . . .*

*On the bank of the River Periyar.  
Senguttuvan with Venmaal, Sathanar and Ilango.*

**SENGUTTUVAN** [*in angry laughter*] : Did the Kanaka-Vijayas dare to deride Tamilnad, the homeland



of such a heroic woman as Kannagi ! What audacity and hardened villainy on their part! Here was Nedunchezhan who sacrificed his life at the altar of justice, and his Queen Kopperundevi who followed his lead even beyond death. Shall I rest, while aliens scoff at the land of unparalleled valour? No, a hundred times, no ! Let those kings of the North get ready for a showdown on the field of battle. I shall conquer them and march them to the South, with the rock for the statue of Kannagi, loaded on their heads. Let the war-drums roll and the call go forth to all the warriors of our land. ....

*The scene shifts to the Chera Capital Vanchi.*

SENGUTTUVAN : Glory to you, my men, who have stepped forth to teach a lesson to the enemies of Tamilnad. The challenge is an invitation to us to demonstrate our valour and the North shall tremble under the tread of our legions. Ignorant of the alphabet of heroism, they have gone to the extent of mocking at our emblems of the bow and the tiger and the fish, engraved there on the rock of the Himalayas. The fancy-names of the flippants are Uttaran and Vichitrana and Sivedhan and Bhairavan and heading the mob are the Kanaka-Vijayas. From the plains of the Ganga have they dared the might of the Cauveri and on behalf of Tamilnad I say 'The challenge is accepted'. The fight shall be to the finish and the menace of their bravado has to be eradicated once and for all !

*Tumultuous applause. As it subsides, the Chief Priest rises to ask a question.*

CHIEF PRIEST (to Senguttuvan) : Your Majesty, the challenge is to the Chola and the Pandya Kings too and so, do you have to shoulder the entire burden of the expedition ?

SENGUTTUVAN : It is the honour of Tamilnad that has been challenged and an immediate answer is called for in terms of action. My brother-kings you have mentioned might not be in a position to react militantly just at present, but we shall not make that an excuse to postpone the day of reckoning.

By doubting the valour of the Tamils, our foes have held out an affront to all that lends substance to our culture and civilisation. They have sought to denigrate Valluvar, the author of our code supreme, Poets Sathnar and Ilango and Paranan here in this Assembly whose works shall outlive time and the innumerable artists of peace and war and wisdom who enable us to live in dignity. Let us march to strike the words of scorn from the lips of the detractors. 'Victory or death' is our motto, my men, for honour is dearer to us than life. ....

*The warriors respond with full-throated battle-cries and the great army sets out.*

*North India. Senguttuvan the Victorious surveys the scene of battle. His Commander-in-Chief Villavankothai is by his side.*

SENGUTTUVAN (exultant) : We have made short work of them, Villavan. What is this place called ?

VILLAVANKOTHAI : It is known as Kuyiluvam, Your Majesty.

SENGUTTUVAN : Kuyiluvam shall be enshrined in military history. What surprises me, Villavan, is that Kanaka and Vijaya are not to be found anywhere. I should hate to think even of our enemies that they fled from the field of battle rather than embrace a heroic end.

VILLAVANKOTHAI : It is fact that they have escaped in disgrace, Your Majesty. Reports indicate that they might have done so, disguised in saffron-robos !

SENGUTTUVAN : What a shame ! And they were the braves who rated our valour low !

*A group of Chera warriors drag Kanaka and Vijaya to the presence of Senguttuvan. The captive Kings are in the clothing of monks.*

SENGUTTUVAN : Our thunderous opponents seem to have achieved renunciation in the heat of the battle.... Well, ye, valiants, you must be familiar with all the ancient legends : will you please answer a few questions on the subject ? To start with, could you tell me the duration of the war between devas and the asuras ?

KANAKA (shamefaced and sullen) : 18 years.

SENGUTTUVAN : And how long did the battle last between Rama and Ravana ?

VIJAYA : 18 months.

SENGUTTUVAN : What of the war of Bhaaraata ?

KANAKA : It raged for 18 days.

SENGUTTUVAN : I find that the figure is etched in your memory. Let me brand it deeper by reminding you that Senguttuvan's war in the North was crowned with success in 18 brief nashigais\*.

\* Nashigai—a unit of time, equivalent to 24 minutes.

KANAKA AND VIJAYA (together) : We plead for mercy, Sir !

SENGUTTUVAN : I do not have the authority to pardon you. That prerogative rests with Tamilnad and it is on the soil of the South that you have to kneel and pray for forgiveness and freedom.

VILLAVAN (to Senguttuvan) : 32 months have elapsed, Your Majesty, since our army set out from Vanchi.

SENGUTTUVAN:Yes, Villavan but it has been time fruitfully spent. Let us return, after hewing rock from the Himalayas, for the statue of Kannagi. Kanaka and Vijaya here shall have the honour of carrying the rock to Tamilnad. Let them realise the weight of their penance, ere they receive the benefit of the magnanimity of our land....

\* \* \*  
\* \* \*  
\* \* \*

*The Statue of Kannagi has been installed and is being consecrated at a solemn function attended by a vast concourse. Kings and Princes are present, at the invitation of Senguttuvan ; notable among them are the Rulers of Malava and Kongu, and King Kayavahu of Lanka. The poets and men of letters are led by Ilango and Sathanar.*

*A wave of respectful silence spreads through the congregation, from the fringes, as a nun enters, leading a child. The nun is Madhavi and the child is her daughter Manimekalai. With a faraway look in her eyes, Madhavi walks up to the Statue and deposits her daughter at Kannagi's feet.*

*The child gazes in wonderment at the Deity and at the assembly plunged in momentary silence, too deep for words. As yet, Manimekalai, of course, has no means of knowing that she herself is to be the heroine of an epic, to be written by Sathanar, in sequel to Ilango's Silappathikaram which is the Tale of The Anklet.....*

(concluded)

THE TAMIL ARASU is very much indebted to M/S ANJUGAM PATHIPAGAM, Madras-6, for their kind permission to Publish "THE TALE OF THE ANKLET" in serial form. The English rendering of the work of Dr. M. Karunanidhi, was done by Thiru T. G. Narayanasamy, M. A.,

**TAMIL NADU INDUSTRIAL DEVELOPMENT  
CORPORATION LIMITED.**

(A Government of Tamil Nadu Undertaking.)

Registered Office:—150-A, Mount Road, P. Bag No. 5205,  
Madras-2.

Sealed Tenders will be received by the Group Materials Manager at the Corporation Office upto 3-00 p.m. on 15th February 1972 for the supply of 6,000 tonnes of limestone to Continuous Steel Casting Plant, Arkonam.

The tenders will be opened by the Group Materials Manager by his authorised office at 3-30 p.m. on the same day in the presence of those tenderers who may be present.

Tender documents can be had from the Corporation's office from 17th January 1972 on payment of Rs. 10-37 per set (non-refundable).

No. 5-A. **GROUP MATERIALS MANAGER**

**TAMIL NADU WATER SUPPLY AND DRAINAGE  
BOARD.**

For and on behalf of the Tamil Nadu Water Supply and Drainage Board, sealed tenders in the proper departmental form, superscribing the name of work on the cover will be received by the Superintending Engineer (PHE) at his office at No. 17 P. T. Rajan Road, Madurai-2 up to 3-00 p.m. as per his office clock on 4th February 1972 Friday and they will be opened on the same day at 3-30 p.m.

*Name of work.*

**PALLAPATTI WATER SUPPLY SCHEME—III STAGE  
(FINAL)—LAYING AND JOINTING OF C.I. & A.C  
PIPES AND SPECIALS FOR THE DISTRIBUTION  
SYSTEM IN ALL THE THREE ZONES.**

Form of Contract—Lump Sum.  
E.M.D.—Rs. 1,770.

This amount has to be deposited along with the tender only in the shape of a treasury chalan or Demand Draft or Bank Guarantee from any nationalised Bank payable on par to the Credit of the Executive Engineer, Public Health Engineering Division, Tiruchirappalli-3.

Period of Completion of work—Nine Months.

Cost of Tender Documents—Rs. 10-35.

Tender documents can be had from the Executive Engineer Public Health Engineering Division, B-15, Thillainagar Main Road, Trichy-3. (upto 5-00 p.m. on 2nd February 1972. Wednesday).

No. 6-A. **SUPERINTENDING ENGINEER (P.H.E.),  
MADURAI-2.**

**AUCTION.**

One Old Steyr Tractor (MSY 4681), Vikrama Trailer and Other matched Implements (Seized by this Department from a hire purchaser) will be disposed off in Public Auction on 9th February 1972 at 11-00 A.M. in "As is Where is Basis" in the present condition.

For conditions of auction or any information required kindly contact.—

**ASSISTANT AGRICULTURAL ENGINEER,  
(INSPECTION),**

No 8-A. **NANDANAM, MADRAS-35  
PHONE No. 441595**

**TAMIL NADU ELECTRICITY BOARD.  
DHARMAPURI ELECTRICITY SYSTEM, DHARMAPURI.**

TRANSPORT OF BOARD MATERIALS, TENDER NOTICE.

Sealed Tenders are invited by the Superintending Engineer Dharmapuri Electricity System, Dharmapuri upto 3-00 p.m. on 5th February 1972 for Transport of materials from (1) Dharmapuri Railway Station to Dharmapuri Central Stores or places within the radius of 5 KM. (Five). (2) transporting of materials from one stores to another in the system area and from other places in Tamil Nadu to Dharmapuri System area and vice versa and (3) for transporting R.C.C. poles from R.C.C. yard to workshop within the system for a period of 1 year from 1st April 1972 to 31st March 1973.

Copies of tender conditions and tender forms can be had on payment of Rs. 5 (Rupees five only) non-refundable either in cash in this Office-Counter or by Money order addressed to the Chief Accountant, Expenditure, Dharmapuri Electricity System, Dharmapuri mentioning clearly the specification.

The last date for the receipt of money order is 2nd February 1972. The tender conditions and tender forms will be sent to the applicants only by ordinary post and to the board will not be responsible for loss of tender documents in transit or for delay or non delivery, etc. The Tender form is not transferable. The undersigned also reserves the right to reject any or all the tenders without assigning any reasons therefor and to split up the tender between two or more tenderers if necessary. A sum of Rs. 500 (Rupees five hundred only) should be remitted by the tenderer-either by cash at this Office cash counter or by demand draft on any of the scheduled banks and enclose cash receipt or demand draft (as the case may be) along with the tender towards E.M.D. Tenders not accompanied by proof of earnest money deposit will be rejected. The tenders will be opened at 4-00 P.M. on 5th February 1972 in the presence of tenderers who may be present. Tender forms will be available for sale from 17th January 1972.

No. 7-A. **SUPERINTENDING ENGINEER.**

**HIGHWAYS AND RURAL WORKS DEPARTMENT.**

For and on behalf of the Governor of Tamil Nadu sealed Scheduled tenders will be received by the Superintending Engineer (H) Special Circle for N. H. Works Madras-1 at his office at Kuralagam Buildings, IVth Floor Madras-1, upto 3-00 p.m. on 9th February 1972 for the work noted below.

*Name of work.*

**WIDENING AND STRENGTHENING THE PAVEMENT  
FROM K.M. 255/0 TO 278/0 IN N.H.7 SALEM-DINDIGUL  
SECTION, SALEM DIVISION. E.M.D. RS. 61,475.**

The tender will be opened on the same day (i.e.) on 9th February 1972 at 3-15 p.m. by the Superintending Engineer (N.H. Special Circle for N.H. Works, Madras-1.

Particulars of tender conditions schedules forms and plans can be obtained from the office of the Divisional Engineer, (N.H.) Special Division for N.H. Works, Salem from 10th January 1972 to 3rd February 1972 on payment of Rs. 51-75 (including sales tax) on all working days during office hours. This amount will not be refunded under any circumstances.

The E.M.D. noted above should be remitted in any of the Government Treasuries within the jurisdiction of the Division Engineer (N.H.) for N.H. Works, Salem and the receipted chalan should be enclosed with tender.

The tender received without prescribed earnest money deposit will not be considered. If the Bank guarantee is produced towards E.M.D. it should be in the form prescribed by the Government of India of Tamil Nadu. The concurrence of Reserve Bank of India to the Bank guarantee should also be submitted along with the tender.

No. 10-A. **SUPERINTENDING ENGINEER (H).**

## CHIT TENDER NOTICE.

For and on behalf of the Governor of Tamil Nadu, sealed tenders will be received by the Superintending Engineer, P.W.D., Madurai Circle, Madurai-2, for the following works upto 3-00 p.m. on 9th February 1972 and opened at 4-00 p.m. on the same day. The tender documents will be available for sale from 31st January to 7th February 1972 at Rs. 20-75 for each work.

*Name of work.*

CONSTRUCTION OF BUILDING FOR GLAUCOMA CLINIC IN THE GOVERNMENT ERSKINE HOSPITAL AT MADURAI. E.M.D. Rs. 2,300 AND

CONSTRUCTION OF BUILDING FOR RUNNING ORTHOPTIC COURSE IN THE GOVERNMENT ERSKINE HOSPITAL AT MADURAI. E.M.D. Rs. 2,000.

The cost of tender documents of Rs. 20 (Rupees twenty only) for each work not refundable should be remitted into the Treasury or Reserve Bank of India under the head "P.W. Remittances—III—O. R." to the credit of the Executive Engineer, P.W.D. Madurai Division, Madurai and Re. 0-75 towards sales tax including surcharge for the tender documents of each work, under the head "XII—Sales Tax—d. Miscellaneous" in a single chalan and the chalan produced after which only the tender documents will be issued. Form of agreement is lumpsum and period of completion is six months.

Earnest money deposit will be accepted in the shape of chalan deposit at call receipt or demand drafts of Scheduled banks, Government securities and Bank guarantee of 14 Nationalised banks. Tamil Nadu Electricity Board Bonds and National Savings Certificates will also be accepted at 5 per cent below market value. No other mode of payment will be accepted.

*Superintending Engineer, P.W.D.  
Madurai Circle Madurai-2.*

No. 9-A.

## NURSES' COMMON MESS.

Tenders for running the Nurses Common Mess of the Government Stanley Hospital, Madras, for the period from 1st April 1972 to 31st March 1973, will be received by the undersigned upto 2 p.m. on Thursday, the 17th February 1972. A copy of the conditions of Tender, Tender forms and schedule of supplies required can be had from the office of the Dean, Government Stanley Hospital, Madras. The fee towards the cost of tender forms, etc., is Rs. 5 (Rupees five only) exclusive of sales tax at 3½ per cent and surcharge 5 per cent which should be remitted into the Reserve Bank of India or any Government Treasury under the head "XXIII—Medical—J. Miscellaneous" in the case of tender forms and in respect of sales tax it should be remitted under the head "XII—Sales Tax—Receipts under the Sales Tax Act—General Sales Tax". This amount is not refundable under any circumstances.

*DEAN,  
Stanley Hospital.*

No. 11-A.

## PUBLIC WORKS DEPARTMENT.

### CHIT TENDER NOTICE CANCELLED.

The chit tender notice for the work of "Constructing an anicut across Vaippar near Athankarai village" is hereby cancelled.

*Superintending Engineer, P.W.D.  
Tirunelveli-Kanyakumari Circle,  
Palayamcottai,*

No. 15-A.

## CHIT TENDER NOTICE.

For and on behalf of the Tamil Nadu Water, Supply and Drainage Board, sealed tenders will be received by the Superintending Engineer, Tamil Nadu Water-Supply and Drainage Board, Coimbatore-12 at his office at 25-1, IIIrd Street, Tatabad, Coimbatore-12, for the following works upto 3-00 p.m. on 16th February 1972 and the same will be opened on the same day at 4-00 p.m. either by the Superintending Engineer (or) by any authorised officer in the presence of tenderers who choose to be present at that time.

*Name of work.*—Pallipalayam Water Supply Scheme—I Stage—Constructing R.C.C. elevated service reservoir of 3-75 lakhs litres capacity with M.W.L., L.W.L. at 174-00 metre and 171-00 metres respectively for Zone No. I—E.M.D. Rs. 2,825.

Pallipalayam Water—Supply Scheme—I Stage—Constructing R.C.C. elevated service reservoir of capacity 3-00 lakhs litres with M.W.L., L.W.L. at 169-00 metres and 165-50 metres respectively for Zone No. II—E.M.D. Rs. 2,250.

*Period of completion.*—Six months (for each work).

From 12th January to 14th February 1972, the tender documents can be had from the office of the Executive Engineer, Public Health Engineering Division, 18, Samiappa Gounder Street, Thirunagar Colony, Erode-3 by remitting the cost of tender documents viz. Rs. 1,035 either by cash or Money Order.

The E.M.D. should be in the form of demand draft drawn on any nationalised banks (or) Treasury chalan drawn in favour of Executive Engineer, Erode. Valid form of bank guarantee obtained from nationalised bank will also be accepted. Tenders received without E.M.D. are liable to be rejected. Form of contract—Lumpsum.

The Superintending Engineer, Coimbatore, reserves the right rejecting one (or) all the tenders without assigning reasons of therefor.

*Superintending Engineer (P.H.E.),  
Tamil Nadu Water-Supply and Drainage  
Board, Coimbatore-12.*

No. 12-A.

## TENDER NOTICE

### PUBLIC WORKS DEPARTMENT.

For and on behalf of the Governor of Tamil Nadu, sealed tenders will be received by the Superintending Engineer, Public Works Department, Coimbatore-Nilgiris Circle at his office at Coimbatore upto 3-00 p.m. on 10th February 1972 for the work noted below:—

*Name of work.*

Construction of additional floor to the minor irrigation hostel at Agricultural College and Research Institute Coimbatore.

*Form of contract.*—Lump sum. E.M.D.—Rs. 4,100. Cost of tender documents with plan inclusive of sales tax.—Rs. 10-35. *Period of completion.*—Six months.

The tender documents can be had from the Manager, Office of the Executive Engineer, Buildings Division, Coimbatore on requisition in writing and on payment of the fee indicated above which is not refundable in all working days during office hours from 24th January 1972.

*Superintending Engineer, P.W.D.  
Coimbatore-Nilgiris Circle,*

No. 14-A,



For and on behalf of the Tamil Nadu Water Supply and Drainage Board, sealed tenders will be received for the following by the Superintending Engineer (P.H.E.), Public Health Engineering Circle, Tamil Nadu Water Supply and Drainage Board, Coimbatore-12, at his office at 25-1, 3rd Street, Tatabad, Coimbatore-12, up to 3-00 p.m. on 11th February 1972. Tenders will be opened at 4-00 p.m. on the same day in the presence of tenderers who choose to be present at the time of opening.

*Name of work.*—Pollachi Water Supply Improvements—Supply and Delivery of M.S. rods of various sizes and tested quality conforming to ISS No. 226/1962 and as amended up to date—E.M.D. Rs. 2,250.

Punjaipuliampatti Water Supply Scheme.—Supply and delivery of M.S. rods of various sizes and of tested quality conforming to ISS No. 226/1962 and as amended up to date—E.M.D. Rs. 2,250.

Tender documents can be had from the office of the Executive Engineer (P.H.E.), Public Health Engineering Division, 11/8, Bashyagaralu Road, R.S. Puram East, Coimbatore-2, by remittance of the cost either by cash or money order, i.e. Rs. 10-35 for each work.

*Period of supply.*—One month.

E.M.D. should be in the form of Treasury Chalan remitted into the Treasury within the jurisdiction of the Executive Engineer (P.H.E.) or Demand Draft at par drawn in favour of the Executive Engineer (P.H.E.), Coimbatore-2. Valid form of Bank guarantee from any of the nationalised banks towards E.M.D. will also be accepted.

The Superintending Engineer (P.H.E.) reserves the right of accepting any tender or rejecting of all the tenders without assigning any reasons thereof.

*Superintending Engineer,  
Tamil Nadu Water Supply and Drainage  
Board, Coimbatore-12.*

No. 13-A.

### DIET SUPPLIES.

Notice is hereby given that sealed tenders will be invited by the Superintendents of Government Approved Schools at Chingleput, Tattaparai, Thanjavur, Ranipet and Madras. Superintendent, Government Vigilance Home and Stri Sadana Madras, Superintendent, Government Reception Homes, Madras, Supervisor, Government After-Care Homes at Vellore and Chingleput and Government Protective Home, Tiruchirappalli for the supply of dietary and other miscellaneous articles for the respective institutions during the year 1972-73 on the dates specified below:—

1. Government Senior Approved School, Chingleput at 2-00 p.m. on 9th February 1972.
2. Government Senior Approved School, Tattaparai at 2-00 p.m. on 11th February 1972.
3. Government Junior Approved Schools, Thanjavur at 2-00 p.m. on 15th February 1972.
4. Government Junior Approved School, Ranipet at 2-00 p.m. on 15th February 1972.
5. Government Girls Approved Schools, Madras, at 2-00 p.m. on 19th February 1972.
6. Government Vigilance Home and Stri Sadana, Madras at 2-00 p.m. on 19th February 1972.
7. Government Reception Homes, Madras at 2-00 p.m. on 19th February 1972.
8. Government After-Care Home for Women, Vellore at 2-00 p.m. on 22nd February 1972.
9. Government After-Care Home for Boys, Chingleput at 2-00 p.m. on 22nd February 1972.
10. Government Protective Home, Tiruchirappalli at 2-00 p.m. on 24th February 1972.

2. For further particulars please apply to the Heads of Institutions concerned.

*Director of Approved Schools  
and Vigilance Service.*

For and on behalf of the Governor of Tamil Nadu "Sealed Tenders," will be received by the Superintending Engineer, P.W.D., Coimbatore-Nilgiris Circle, at his office at Coimbatore up to 3-00 p.m. on 10th February 1972 for the work noted below:

*Name of work.*—Construction of a Central Farm Office Buildings at the Agricultural College and Research Institute, Coimbatore.

*Form of contract.*—Lump-sum.

*E.M.D.*—Rs. 2,500.

*Cost of tender documents with plan inclusive of sales tax.*—Rs. 5-18.

*Period of completion.*—Four months.

The tender documents can be had from the Manager, office of the Executive Engineer, Buildings Division, Coimbatore, on requisition in writing and on payment of the fee indicated above which is not refundable in all working days during office hours from 24th January 1972.

*Superintending Engineer, P.W.D.,  
Coimbatore-Nilgiris Circle,  
Coimbatore-1.*

No. 17-A.

### TAMIL NADU FIRE SERVICE DEPARTMENT.

#### AUCTION NOTICE.

Condemned Mobile Tank Unit MSY 0973—G.M.C. 1951 Model of Tamil Nadu Fire Service department will be sold in public auction on 19th February 1972 at 11-00 hours at Tamil Nadu Fire Service Headquarters, 17-A, Marshalls Road, Egmore, Madras-8. The vehicle is available for inspection at the above address. Conditions of sale can be had from the undersigned.

*S. AMIRTHALINGAM,  
Divisional Fire Officer,  
Madras City.*

No. 18-A.

### GOVERNMENT R.S.R.M. LYING-IN HOSPITAL, MADRAS.

#### TENDER NOTIFICATION.

Sealed tenders are invited up to 2 p.m. on Friday 11th February 1972 by the Superintendent, Government R.S.R.M. Lying-in Hospital, Madras, acting for and on behalf and by the order and direction of the Governor of Tamil Nadu for the supply of drugs, dressings, instruments and appliances for a period of 6 months from 1st April 1972 to 30th September 1972 in the prescribed form which can be obtained from the Medical Stores of the Government R.S.R.M. Lying-in Hospital, Madras, on requisition accompanied by two chalangas one for Rs. 5 (rupee five only) credited under "XXIII. Medical—K. Miscellaneous Receipts" and the other Re. 0-20 (rupee nil and paise twenty only) credited under "XII. Sales Tax receipts—General Sales Tax" towards the cost of tender form and sales tax (including surcharge on the sales tax) respectively. This amount is not refundable under any circumstances.

Issue of tender forms will be closed at 2 p.m. on Thursday 10th February 1972.

*Superintendent,  
Government R.S.R.M. Lying-in Hospital,  
Madras.*

No. 19-A.

## PUBLIC WORKS DEPARTMENT.

### CRIT TENDER NOTICE.

*Restoration of Kuppama Cheruvu Tank (Balance portion of work) in No. 132, Kullu Village, Hosur Taluk of Dharmapuri district.*

Sealed tenders will be received by the Superintending Engineer, P.W.D., Salem-Dharmapuri Circle, Salem-4 for the above work up to 3 p.m. on 31st January 1972.

Tenders will be opened at 3.15 p.m. on the same day in the presence of those tenderers who choose to be present at the time of opening of the tender.

Form of agreement—K-2.

Earnest Money Deposit—Rs. 3,260 (will be accepted in the shape of chalan or National Savings Certificates or Deposits at call receipts of schedule banks or Demand Drafts of scheduled banks or State Government securities or by Tamil Nadu State Electricity Board Bonds).

Cost of tender documents—Rs. 15 plus Re. 0.53 (to be remitted into the Treasury or Reserve Bank of India under the head "P.W. Remittances—III. Other Remittances" to the Credits of the Executive Engineer, P.W.D., Dharmapuri Division, Dharmapuri-3. Sales-tax to be remitted under the head "XII. Sales Tax—(d) Miscellaneous".

Tender documents will be available for sale at the Office of the Superintending Engineer, P.W.D., Salem—Dharmapuri Circle, Salem-4—From 13th January 1972 to 28th January 1972.

(State Government securities and Tamil Nadu State Electricity Board Bonds will be accepted at 25 per cent below face value.

Deposits at call receipts and fixed deposit receipts will be accepted as Earnest Money Deposit subject to realisation before deciding the tenders).

*Superintending Engineer, P.W.D.,  
Salem-Dharmapuri Circle, Salem-4.*

No. 1

## TAMIL NADU ELECTRICITY BOARD.

### NOTICE OF CHANGE OF ADDRESS.

The office of the Deputy Chief Accountant, Vellore Revenue Unit hitherto functioning at Kamaraj Building, Katpadi Extension is shifted to Vellore Town and it will commence to function at No. 5, Neeli Godown Street, Vellore-1 (North Arcot) in the first week of January 1972. The consumers coming under the sections Vellore S.S., Melpady, Tiruvallam, Kaniyambadi, Kannamangalam (West and East), Odugathur (East and West), Usoor, Anaicut, Pallikonda, K.V. Kuppam, Vaduganthangal and Lattery are requested to note the change of address of the Revenue Units for corresponding on matters relating to Electricity Bills, other charges etc.

*Superintending Engineer, Vellore  
Electricity System, Katpadi  
Extension, North Arcot.*

No. 3-A.

## PUBLIC WORKS DEPARTMENT.

Sealed Tenders will be received by the Superintending Engineer, P.W.D., Coimbatore—Nilgiris Circle at his office at Coimbatore up to 3 p.m. on 15th February 1972 for the work noted below :

*Name of work—*

Construction of a Building for One Chest Clinic in Taluk Headquarters Hospital at Erode.

Form of contract—Lump-sum.

E.M.D.—Rs. 2,600.

Cost of tender documents will plan inclusive of sales-tax Rs. 5-18.

Period of completion—Four months.

The tender documents can be had from the Manager, Office of the Executive Engineer, Buildings Division, Coimbatore on requisition in writing and on payment of the fee indicated above which is not refundable in all working days during office hours from 28th January 1972.

No. 29-A

*Superintending Engineer, P.W.D.,  
Coimbatore-Nilgiris Circle, Coimbatore-1.*

## DEPARTMENT OF INDUSTRIES AND COMMERCE.

Sealed tenders will be received by the Superintending Engineer (C) at his office at 35/2, Woods Road, Madras-2 for the supply of M.S. Rounds, tested quality, up to 3 p.m. on 8th February 1972 and will be opened on the same date at 3-10 p.m.

Earnest Money Deposit—Rs. 2,500.

Cost of tender schedule including Sales Tax to be remitted into the Treasury or Reserve Bank of India under the head "XXIX Industries 'other receipts' to the credit of the Executive Engineer (C) North Division, Department of Industries and Commerce Industrial Estate, Guindy, Madras-32,"—Rs. 10.40.

Period of completion of supply.—25 days.

Tender schedule will be available at the office of the Executive Engineer (C) North Division, Department of Industries and Commerce, Industrial Estate, Guindy, Madras-32,—From 20th January 1972.

No. 4

*Superintending Engineer (C).*

## TAMIL NADU HOUSING BOARD.

### SOUTH DIVISION.

Separate sealed tenders with the name of work and the tenderer duly superscribed on the cover are invited for the following work so as to reach the undersigned not later than 3 p.m. on 20th February 1972. The tenders will be opened at 3.05 p.m. on the same day in the presence of tenderers who choose to be present. Approximate value of work is Rs. 3 lakhs each, design No. 140/71—EMD Rs. 4,560.

*Description of work—*  
Construction of one Block (C) at Venkatapuram S.D. File No. S5/53/72.

Construction of one Block (D) at Venkatapuram File S5/54/72.

Tender documents and other particulars can be had from the office of the Executive Engineer (South), Tamil Nadu Housing Board, between 10.00 a.m. and 3.00 p.m. on all working days on payment of Rs. 15 plus Sales-tax for each item.

No. 5

*Executive Engineer (South).*

## PUBLIC WORKS DEPARTMENT.

Sealed tenders will be received by the Superintending Engineer, P.W.D., Tirunelveli-Kanyakumari Circle, Tirunelveli-2, for the work mentioned below up to 3 p.m. on 10th February 1972. The tenders will be opened at 3-30 p.m. on the same day.

### *Name of work.*

Construction of quarters for 1 Sub-Inspector, 1 Head Constable and 7 Police Constables at Kulasekaram in Kanyakumari District.

Earnest money deposit—Rs. 3,100.

Cost of tender documents—Rs. 20.

Sales tax—Rs. 0.70.

Period of completion—9 months.

The cost of tender documents (which will not be refunded under any circumstances) is to be remitted in the treasury under the head "P.W. III O.R.—Receipt on account of the Executive Engineer, Building Division, Palayamkottai, Tirunelveli district" and the Sales tax under the head "XII. T. (b) Receipts under the State Sales Tax Act—General Sales Tax" in single chalan.

Tender schedules and other documents can be had either by post or in person from the office of the Superintending Engineer, P.W.D., Tirunelveli, Kanyakumari Circle, Tirunelveli-2 during office hours on all working days from 24th January to 5th February 1972. On application to the Manager with the receipted chalan towards the cost of tender documents and sales tax. The applications for tender schedule should reach this office on or before 5th February 1972 positively. Applications received after that date will not generally be considered.

Further particulars can be had from this office during office hours on all working days.

*Superintending Engineer, P.W.D.,  
Tirunelveli-Kanyakumari Circle,  
Tirunelveli-2.*

No. 6.

## PUBLIC WORKS DEPARTMENT.

Sealed tenders will be received by the Superintending Engineer, P.W.D., Tirunelveli-Kanyakumari Circle, Tirunelveli-2 for the work mentioned below up to 3 p.m. on 24th February 1972. The tenders will be opened at 3-30 p.m. on the same day.

### NAME OF WORK.

Conveyance of cement from Thalavuthu Cement Factory/ Railway Station Departmental Stores, P.W.D.

Form of contract—K-2.

Earnest money deposit—Rs. 1,000.

Cost of tender documents—Rs. 10 plus sales tax 35 P.

Period of completion—One year, i.e. till 31st March 1973.

The cost of tender documents (which will not be refunded under any circumstances) is to be remitted in any treasury under the head "P.W. III. O.R.—Receipt on account of the Executive Engineer, P.W.D. Kanyakumari division, Nagercoil district" and the sales tax under the head "XII S.T. (b) Receipts under the State Sales Tax Act—General Sales Tax" in a single chalan.

Tender schedules and other documents can be had either post or in person from the office of the Superintending Engineer, P.W.D., Tirunelveli-Kanyakumari Circle, Tirunelveli-2, during office hours on all working days from 1st to 19th February 1972 on application to the Manager with the receipted chalan towards the cost of tender documents and sales tax. Applications received after that date will not generally be considered.

Further particulars can be had from this office during Office hours on all working days.

*Superintending Engineer, P.W.D.,  
Tirunelveli-Kanyakumari Circle,  
Palayamkottai, Tirunelveli-2.*

No. 7.

## COIMBATORE MUNICIPALITY.

Sealed tenders are invited by the Commissioner, Coimbatore Municipality for the supply of G.I. Pipes and Specials for Water Supply works up to 3 p.m. on 15th February 1972. They will be opened on the same day at 3-30 p.m. by the Municipal Civil Engineer. Tender conditions, etc., can be had on payment of Rs. 3.12 from the Municipal Civil Engineer remitted at the Municipal treasury by money order or cash.

No. 8.

*Commissioner.*

## DEPARTMENT OF INDUSTRIES AND COMMERCE.

Conveyance of Cement Steel A.C. Sheets and C.I. Pipes, R.C. Home pipes and stoneware pipes in and around the Madras City from Central Stores at Guindy to other Industrial Estates and out-station throughout Tamil Nadu for the year 1972-73.

For and on behalf of the Governor of Tamil Nadu sealed tenders will be received by the Superintending Engineer, Construction Branch, Industries and Commerce Department from Contractors of appropriate class of Construction Branch of Industries Department and other Government Departments for the above works up to 3 p.m. on 8th February 1972. The tenders will be opened by the Superintending Engineer, Construction Branch, Industries Department, 35/2, Woods Road, Madras-2, in the presence of those tenderers who choose to be present at 3-10 p.m. on the same day.

Form of agreement—K-2.

Earnest money deposit—Rs. 1,500.

Tender documents will be available free of cost from 24th January 1972 from Executive Engineer, Construction Branch, North Division, Department of Industries and Commerce, Industrial Estate, Guindy, Madras-32.

E.M.D. has to be remitted in "Revenue Deposits" to the credit of the Executive Engineer, Construction, North Division, Madras-32.

Earnest money deposit will be accepted only in the shape of chalans, deposit at call receipt and demand drafts of scheduled banks. The demand drafts of scheduled bank furnished towards earnest money deposit drawn in favour of executive Engineer (C) North Division Madras-32 only be accepted State Government securities and Tamil Nadu Electricity Board Bond will be accepted at 5 per cent below market value. National Savings Certificates will also be accepted only with the knowledge of the post office concerned. Bank Guarantee of any Nationalised Bank will also be accepted as E.M.D. No other mode of payment will be accepted.

Intending tenderers should have at least three years experience in the conveyance of building materials.

No. 9.

*Superintending Engineer, Construction Branch.*

## METTUR ELECTRICITY SYSTEM, METTUR DAM-1.

### TRANSPORT OF BOARDS MATERIALS.

#### TENDER NOTICE.

For and on behalf of the Tamil Nadu Electricity Board sealed tenders are invited by the Superintending Engineer, Mettur Electricity System, Mettur Dam up to 2.00 p.m. on 18th February 1972 for Transport of materials from Central Stores, Workshops, etc., at Mettur Dam to the various sub-stores in the system and to stations outside system throughout Tamil Nadu and vice-versa for a period of one year from 1st April 1972 to 31st March 1973.

Copies of tender conditions and tender forms can be had on payment of Rs. 5 (rupees five only) (Non-refundable) either in cash in this office counter or by money order addressed to the Chief Accountant/Expenditure Mettur Electricity System, Mettur Dam, mentioning clearly the specification.

(Continued on page 48.)

The last date for the receipt of money order is 14th February 1972. The tender condition and tender form will be sent to the applicants only by ordinary post under certificate of posting and the Board will not be held responsible for loss of tender documents in transit or for delay or non-delivery, etc. The tender form is not transferable. The undersigned also reserves the right to reject any or all the tenders without assigning any reasons therefor and to split up the tender between two or more tenderers if necessary. A sum of Rs. 2,000 (Rupees two thousand only) towards E.M.D. should be remitted by the tenderer either by cash at this office cash counter or by demand drafts on any of the scheduled banks and enclose cash receipt or demand draft as the case may be along with tender. Tenders not accompanied by proof of earnest deposit will be rejected. The tenders will be opened at 3 p.m. on 18th February 1972 in the presence of tenderers who may be present. Tender forms will be available for sale from 17th January 1972.

No. 30-A. *Superintending Engineer, Mettur Electricity System, Mettur Dam-1.*

### PUBLIC WORKS DEPARTMENT.

Construction of additional floor over the existing building of Arignar Anna Memorial Cancer Institute at Kancheepuram Chingleput District.

Sealed tenders will be received by the Superintending Engineer, Public Works Department, Chingleput, North Arcot Circle, Vellore from contractors of appropriate class of Public Works Department or other Government Departments for the above works up to 3 p.m. on 16th February 1972. The tenders will be opened by the Superintending Engineer, Public Works Department, Chingleput-North Arcot Circle, Vellore, in the presence of those tenderers who choose to be present at 3.15 p.m. on the same day.

1. Form of Agreement—Lumpsum.
2. Earnest Money Deposit—Rs. 6,400.
3. Cost of tender documents with plans—Rs. 20.70 including sales tax at  $3\frac{1}{2}$  per cent.
4. Period of completion—8 months.

Tender documents will be available for sale at the office of the Superintending Engineer, Public Works Department, Chingleput-North Arcot Circle, Vellore during office hours from 1st February 1972 to 14th February 1972.

The cost of tender documents of Rs. 20.00 (which will under no circumstances be refunded) should be remitted into the Treasury or Reserve Bank of India under the head "P.W. remittances—III. Other Remittances" to the credit of the Executive Engineer, P.W.D. Buildings Division, Kancheepuram.

The Sales Tax of 0.70 can be remitted in the same chalan under head of XII. Sales Tax—B. Receipts under State Sales Tax Act.—General Sales Tax. The tender documents will be issued only after producing the chalan.

Earnest Money Deposit will be accepted only in the shape of chalans, deposit at call receipts and demand drafts of scheduled banks. The demand drafts at scheduled banks furnished towards Earnest Money Deposit drawn in favour of Executive Engineer, P.W.D. Buildings Division, Kancheepuram only be accepted. State Government securities and Madras State Electricity Board Bonds will be accepted at 5 per cent below market value. National Savings Certificates will also be accepted only with the knowledge of the post office concerned. No other mode of payment will be accepted.

Intending tenderers should have at least three years experience in the construction of major buildings works.

No. 31-A. *Superintending Engineer, P.W.D., Chingleput-North Arcot Circle.*

### TAMIL NADU STATE AID TO INDUSTRIES ACT, 1922 (TAMIL NADU ACT V OF 1923).

Notice is hereby given that Thiru C. T. Balasubramanian, Proprietor, Vedambal Achi Coir Industry, Keelakkadu Post, Muthupet, Thiruthurai-pondi Taluk, Thanjavur district has applied to the Government of Tamil Nadu under the Tamil Nadu State Aid to Industries Act, 1922 (Tamil Nadu Act V of 1923) for a loan of Rs. 1,00,000 (Rupees one lakh only) for his industry for the manufacture of fibre ropes and mats and the Government have decided to grant him a loan of Rs. 67,000 (Rupees sixty seven thousand only) for his above industry. Any person who may have any objection to the grant of the said aid may send to the Director of Industries and Commerce, Madras, a notice of his intention to appear and object to the grant of the said aid with his name and address and calling and with a short statement of the grounds of his objections. The notice should reach the Director of Industries and Commerce, Madras within thirty days of the date of publication of this notice. Objections if any will be heard by the Director of Industries and Commerce, at his office, Chempauk, Madras on a date to be notified hereafter.

No. 10. *Director of Industries and Commerce.*

### TENDER.

**PURCHASE AND REMOVAL OF USED X-RAY FILMS AND WASTE HYPOSOLUTION IN THE GOVERNMENT MEDICAL INSTITUTIONS IN MADRAS CITY AND THE TUBERCULOSIS SANATORIUM, TAMBARAM DURING 1972-73.**

Notice is hereby given that sealed tender for the purchase and removal of used X-ray films and waste hyposolution in the Government Medical Institutions in Madras City and Tuberculosis Sanatorium, Tambaram for the period from 1st April 1972 or a later date to 31st March 1972 will be received by the Chief Accounts Officer, office of the Director of Medical Education up to 2 p.m. on 26th February 1972.

2. A copy of each of the conditions of tender and the schedule of articles and tender forms can be had on application at the office of the Director of Medical Education, Madras-5. The fee towards cost of tender form is Rs. 5 (Rupees five only) exclusive of Sales Tax at  $3\frac{1}{2}$  per cent which should be remitted into Reserve Bank of India, or any of the branches of the State Bank of India or any Government Treasury to the credit of the Madras Government under the head "XXIII. Medical—J. Miscellaneous—Director of Medical Education in the case of cost of Tender Forms and in respect of Sales Tax it should be remitted under the head "XII. Sales Tax—b. Receipts under the State Sales Tax Act—General Sales Tax". In respect of the remittances into Reserve Bank of India, original chalans should be produced. In respect of remittances into Treasuries the number and date of chalan, the amount remitted and the name of the tenderer, together with the name of the Bank or Treasury in which amount has been remitted, should be furnished in the application for the supply of tender form along with the chalan. The amount is not refundable under any circumstances.

3. A Solvency and a Nationality Certificate obtained or after the 1st October 1971 and signed by a Tahsildar and Income Tax Verification Certificate if the total value of the tender exceeds Rs. 10,000 and a Sales Tax Clearance Certificate if the value of the tender exceeds Rs. 1,000 or true copies thereof attested by a State Gazetted Officer should be sent along with the tender.

No. 78-A.

*Chief Accounts Officer,  
Office of the Director of Medical  
Education, Madras-5.*



## TENDER NOTICE.

### NAME OF WORK—CONSTRUCTION OF A PRO-STRESSED CONCRETE BRIDGE TO CARRY THE PRE-STRESSED CONCRETE PIPELINE ACROSS RIVER ADYAR IN MADRAS CITY.

For and on behalf of the Tamil Nadu Water Supply and Drainage Board sealed tenders for the above work in the prescribed form will be received from registered contractors of Public Works Department or other Government Organisation and firms of repute, by the Special Chief Engineer, Veeranam Water Supply Scheme and Coom Improvement Project, Madras-5, in his office up to 3-00 p.m. on 2nd February 1972 and will be opened at 3-30 p.m. on the same day.

Form of contract is lump-sum. Earnest Money Deposit is Rs. 10,000 and cost of tender documents Rs. 10 plus Sales-tax of Re. 0-37 the work is to be executed in eight months.

The cost of tender schedule which will under no circumstances be refunded shall be remitted into Government Treasury or Reserve Bank of India under the head "III Suspense G. Remittance (iii) Other remittances TWAD Board Funds" to the credit of the Executive Engineer, Veeranam Project Division, Madras. The tender schedule can be obtained from the Office of the Special Chief Engineer, Veeranam Water Supply Scheme, Madras-5, on production of the chalan of payment from 17th January to 1st February 1972.

No. 51-A *Special Chief Engineer TWAD, Board.*

## AUCTION NOTICE.

Undermentioned, condemned Land Rover belonging to Tamil Nadu Water Supply and Drainage Board will be sold in public auction as it is where it is on 14th February 1972, at Office of the Assistant Engineer, Public Health Engineering Sub-Division, No. 6, Kalyanaraman Street, Kumbakonam by the Assistant Engineer, Public Health Engineering Sub-division, Kumbakonam.

(1) Land Rover MSY 1649, 1953 Model—Petrol Engine; Rover and Company make.

The vehicle can be inspected on any working day where it is stationed at Kumbakonam. Any further details regarding Earnest Money Deposit to be remitted, etc., may be obtained from the Assistant Engineer (P.H.E.), Kumbakonam.

## SUPERINTENDING ENGINEER,

No. 84A *Public Health Engineering Circle,  
TWAD, Board, Egmore, Madras-8.*

## TENDER NOTICE.

Sealed tenders are invited for and on behalf of the Governor of Tamil Nadu up to 3-00 p.m. on 18th February 1972 for the supply of timber items to the Manufacture Sections of the following institutions from 1st April 1972 to 31st March 1973. Rates should be quoted only in *Metric Units*.

*Central Jails at Madras, Vellore, Cuddalore, Palayamcottai, Tiruchirappalli, Madurai, Salem and Coimbatore, Borstal School at Pudukkottai and After-care Home for Males, Pallavaram, Madras-43.*

Tenders should be sent in sealed covers only by Registered Post Acknowledgment due, superscribed "Tender for the supply of timber to the....." (here mention name of the institution to which the tender relates) to the Inspector-General of Prisons, Madras-1, by name.

Tender forms, tender conditions, specifications of articles, etc. can be had direct from the Superintendents of the Institutions concerned on payment of the prescribed fee. The cost of the tender form is not refundable.

Tenders received will be opened by the Inspector-General of Prisons at 10-30 hours on 19th February 1972 in his office at Kuralagam Buildings, Madras-1.

No. 14-A *Inspector-General of Prisons,  
"Kuralagam", 5th Floor, Madras-1.*

## TENDER NOTICE.

Sealed tenders are invited up to 3-00 p.m. on 16th February 1972 for the supply of raw materials, etc., to the Manufacture Sections of the following institutions during the year 1972-73.

*Central Jails at Madras, Vellore, Cuddalore, Tiruchirappalli, Madurai, Palayamcottai, Coimbatore, Salem, Borstal School, Pudukkottai and After-Care Home for Males, Madras.*

Rates should be quoted only in *Metric Units*. Tenders should be sent in sealed cover to the Inspector-General of Prisons by name superscribed "Tender for the supply of Raw Materials etc., to the....." (Here mention the institution to which the tender relates) by Registered Post Acknowledgment due.

Tender forms, tender conditions and schedules can be had from the Superintendent of the Jail/After-care Home, Pallavaram, Madras-43, on payment of the prescribed fee. The cost of the tender forms is not refundable.

The tenders received will be opened by the Inspector-General of Prisons at 10-30 hours on 17th February 1972 at his office at "Kuralagam" Buildings, Madras-1.

No. 13-A *Inspector-General of Prisons, "Kuralagam",  
5th Floor Madras-1.*

## EXTENSION OF TIME FOR SALE AND RECEIPT OF TENDERS.

*Name of work.*—MANUFACTURE AND SUPPLY OF 36" INTERNAL DIAMETER PRE-STRESSED CONCRETE PIPES AND SPECIALS AND CONVEYING THEM TO SITE LAYING, FIXING AND JOINING TO THE PROPER ALIGNMENT AND GRADIENT WITH RUBBER RING JOINTS, ETC.

The last date of the receipt of sealed tenders in the above office for the above work is extended up to 3-00 p.m. on 21st February 1972. The tenders will be opened by the Director of Groundwater in the above office in the presence of those tenderers who choose to be present at 3-30 p.m. on 21st February 1972 instead of 20th December 1971.

Tender documents will be available in the above office during office hours up to 18th February 1972. Other conditions remain unchanged.

No. 27-A *Director of Ground-water, Madras-17.*

## CHIT TENDER NOTICE.

*Name of work.*—SUPPLY OF "PIGLEAD" FOR USE IN JOINTING OF C.I. PIPES FOR THE GROUND WATER DIVISION, MADRAS.

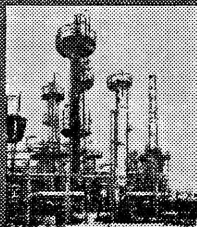
For and on behalf of the Governor of Tamil Nadu sealed Tenders will be received by the Director of Ground-water, Madras-17, in the above office for the above work up to 3-00 p.m. on 17th February 1972. The Tenders will be opened by the Director of Ground-water in the above office in the presence of those tenderers who choose to be present at 3-30 p.m. on the same day and tender documents are available for sale from the above office up to 14th February 1972.

1. Form of Agreement—K2.
2. Earnest Money Deposit.—Rs. 5,900.
3. Cost of tender documents—Cost Rs. 10 S.T.; Re. 0-40.
4. Period of completion—3 months.

The cost of Tender documents (which will under no circumstances be refunded) should be remitted into the Treasury or Reserve Bank of India under the head "Public Works Remittances III, other remittances" to the credit of the Executive Engineer Ground-water Division, Madras-17. The sales Tax should be remitted under the same chalan into the Treasury or Reserve Bank of India under the Head "XII Sales-tax (b) receipts under State Sales Tax/General Sales Tax". The tender documents will be issued only after producing the chalan.

No. 28A *Director of Ground-water.*

# MRL Pledges Itself to Continued Service



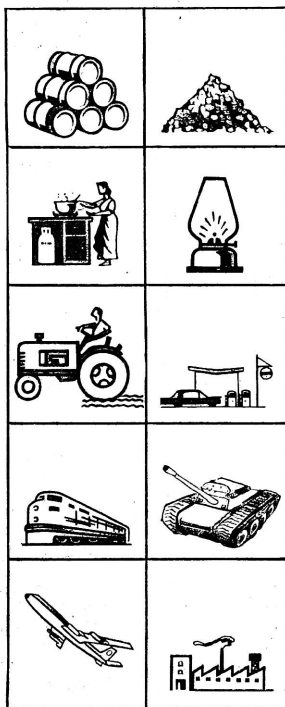
Today is a day of high significance for India and the Indian People.

22 years back, we took a pledge that we should found our republican freedom on a spirit of co-operation, hard work and think always of the betterment of the millions of our people.

In June 1969, MRL was commissioned for production and set in the pace for multi-pronged growth activity in the South.

From MRL stream out Naphtha, LPG, Kerosene, Petrol, Diesel Oils, Aviation Fuels, Furnace Oils, Lube Base Stock and Sulphur. These mean more fertilizers, more fuels for homes, automobiles, pumpsets, tractors, jet planes and factories, road construction materials, lubricating oils and chemicals.

On this Republic day, MRL pledges itself to continued service in the cause of the nation bringing prosperity and plenty within reach of all.



MADRAS REFINERIES  
LIMITED,  
MADRAS.

## TAMIL NADU PUBLIC SERVICE COMMISSION.

Applications are invited up to 5 p.m. on the 18th March 1972 for 463 appointments as Assistant Surgeons in the Tamil Nadu Medical Service to be made by direct recruitment. (Seventy-four out of the 463 vacancies are reserved to be filled by candidates who possess Post-Graduate qualifications in certain specialities and who are willing to serve in the Special Departments of any of the mufussal hospitals for a period of at least 5 years.)

Persons in temporary service under the State Government should submit their applications so as to reach the Director of Health Services and Family Planning/Director of Medical Education, Madras on or before the 2nd March 1972.

**Pay:**—Rs. 525—25—600—30—690—35—900 per mensem for degree holders. Persons who possess a recognised Post-Graduate degree qualification in any of the Medical subjects will be allowed two advance increments in the time scale of pay applicable to them.

**Age:**—Below 35 years on 1st July 1972.

**Note.**—(i) Temporary Assistant Surgeons in the Tamil Nadu Medical Service may apply irrespective of their age.

(ii) Women Medical Graduates who are willing to serve in non-clinical teaching departments in Medical Colleges are allowed certain concession in the matter of their age.

**Qualification.**—(i) Must be a Registered Medical Practitioner within the meaning of the Madras Medical Registration Act, 1914.

(ii) Must possess the M.B.B.S., degree of any University or Institution recognised by the University Grants Commission for the purpose of its grant or the D.M. and S. of the Government of Tamil Nadu or an equivalent qualification.

No age-limit for members of Scheduled Castes, Scheduled Tribes and Backward Classes who possess a general educational qualification which is higher than the minimum general educational qualification. Upper age-limit relaxable up to 10 years in the case of physically handicapped persons. Goldsmiths affected by the Gold Control Order, their sons and unmarried daughters and Ex. N.C.C. Cadets who were employed as Under Officer-Instructors or Sergeant Major Instructors on whole time basis on or after 1st January 1961 are allowed concessions in the matter of age-limit. Qualifications including age limit relaxable in the case of persons demobilised from the Army, Navy or Air Force who will be below 40 years of age on 1st July 1972, displaced persons from East Pakistan who migrated to India on or after 1st January 1964 and repatriates from Ceylon and Burma. Particulars and form of application may be obtained from the Secretary, Tamil Nadu Public Service Commission, Madras-2. On requisition in writing specifying the name of the post and accompanied by a self-addressed and stamped (Thirty-five paise and five paise Refugee Relief Stamp) envelope of at least 23 cm. in length superscribed as "Book-Post".

No. 47-A.

## TAMIL NADU AGRICULTURAL UNIVERSITY.

### ADVERTISEMENT.

Applications are invited for the following posts in the Tamil Nadu Agricultural University, Coimbatore,

1. Agronomist (ICAR Scheme—Temporary)—Two—Headquarters Coimbatore and Madurai.

2. Agricultural Engineer (ICAR Scheme—Temporary)—One—Headquarters Madurai.

3. Assistant Engineer (Permanent)—(Civil Works) One—Headquarters Coimbatore.

The qualifications prescribed for the posts are given below :—

(i) **Agronomist—Essential:**—

(i) Master's degree in Agronomy or any related discipline or field or an equivalent post-graduate qualification.

(ii) Five years experience of Research in Agronomy as evidenced by published work (including teaching experience at post-graduate level).

**Desirable:**—

(i) Doctorate degree.

(ii) Knowledge of a modern foreign language.

(iii) Knowledge of modern methods of investigation in Agronomy.

**Scale of pay:**—Rs. 800—40—1,000—50—1,250 plus allowances

(ii) **Agricultural Engineer:**—

(i) Master's degree in Civil or Agricultural Engineering or Master of Technology with specialisation in irrigation and water use or equivalent post-graduate qualifications.

(ii) Five years experience of research in irrigation and water use as evidenced by published work.

**Desirable:**—

(i) Doctorate degree in Civil or Agricultural Engineering or Technology with specialisation in irrigation and water use.

(ii) Knowledge of a modern foreign language.

**Scale of pay:**—800—40—1,000—50—1,250 plus allowances.

(iii) **Assistant Engineer—(Civil Works)**—

(i) A first or high second class degree in Civil Engineering.

(ii) A first or high second class Master's degree in Civil or Structural Engineering.

(iii) Experience in Construction of large buildings for a minimum period of three years.

(iv) Experience in the organisation and management of residential colonies, industrial or other undertakings.

**Scale of pay:**—Rs. 550—25—600—35—950 plus allowances.

**Note:** (1) Where necessary, the Selection Committee shall be competent to relax the minimum requirements/qualifications in favour of candidates who are otherwise considered as qualified for selection.

(2) The prescribed applications forms and instructions to candidates can be had from the Registrar, Tamil Nadu Agricultural University, Coimbatore-3, by sending a crossed postal order for Rs. 2/- drawn in favour of the Comptroller, Tamil Nadu Agricultural University, payable at the Lawley Road P.O. indicating the advertisement Number and date.

(3) The last date for receipt of completed applications in the University Office is February 21, 1972.

No. 58-A.

Registrar.

**STATE BOARD OF TECHNICAL EDUCATION AND  
TRAINING DEPARTMENT OF TECHNICAL EDUCATION,  
BOARD OF EXAMINATIONS, MADRAS-25.**

**NOTIFICATION.**

Applications are invited from the private candidates for admission to the I to III Semester (i.e.) Pre-technical Course Examination in Civil, Mechanical and Electrical Engineering (Supplementary)/Pre-technical (Textile) Course Examination (Supplementary)/Entrance Examination in Printing Technology to be conducted by the Board of Examinations, Madras during April 1972.

Only private candidates who have already appeared and failed in the I to III Semester (i.e.) Pre-technical/Pre-technical (Textiles) Course Examination/Entrance Examination in Printing Technology conducted in October, 1971 or prior to that, by the Board of Examinations, Madras, will be admitted to this Examination.

The prescribed form of application for admission to the examinations can be had from the Chairman, Board of Examinations, Madras-25 on requisition with a self-addressed envelope (size oblong 22 cm x 9½ cm) affixing private postage stamps to the value of 65 paise plus 5 paise refugee stamps. Requisition for application forms without self-addressed envelopes and in post cards *will not* be attended to.

The last date for the receipt of application duly filled in from private candidates for admission to these examinations is 15th February 1972. Applications received after that will not be entertained on any account.

*Chairman, Board of Examinations,  
Madrass-25.*

No. 17

**NOTIFICATION.**

Applications are invited from candidates possessing B. I. M. (Siddha) qualification, who should be below 35 years of age on 1st July 1971 for temporary appointment in the Government Institutions of Indigenous Medicine, Tamil Nadu, in Tamil Nadu Medical Service Branch III Indigenous Medicine on the scale of Rs. 400—15—475—20—575—25—650 plus the usual allowances.

Application Form and other particulars will be forwarded to the B.I.M. candidates individually who have passed the course and completed their internship, and who are unemployed (as per the list of B.I.M. graduates available in this office). The Form of application should be completed and sent to the Director of Indigenous Medicine at the Arignar Anna Government Hospital of Indigenous Medicine, Arumbakkam, Madras-29, with necessary documents so as to reach him not later than 5.00 p.m. on 15th February 1972. The candidates are responsible for obtaining the application forms from the office.

*Director of Indigenous Medicine.*

No. 86A.

**TENDER NOTICE.**

*Name of work.*—Construction of Workshop, Office and Store for the Tansi Furniture and Engineering Works at Developed Plots, Kappalur, Madurai.—E.M.D. Rs. 3,000.

For and on behalf of the Governor of Tamil Nadu, sealed tenders will be received by the Superintending Engineer, Construction Branch, Industries and Commerce Department from Contractors of appropriate class of Construction Branch of

Industries Department and other Government Departments for the above works up to 3.00 p.m. on 8th February 1972. The tenders will be opened by the Superintending Engineer, Construction Branch, Industries Department, 35/2, Woods Road, Madras-2 in the presence of those tenderers who choose to be present at 3.10 p.m. on the same day. The work is to be executed within six months on L.S. contract basis.

Tender documents will be available for sale at the office of the Executive Engineer (Construction), Madurai Division, Industrial Estate, Madurai, Madurai-7 during office hours from 25th January 1972.

The cost of tender documents including sales tax on cost of tender documents of Rs. 10-40 (non-refundable) should be remitted into the Treasury or Reserve Bank of India under the head "XXIX. Industries—Other Receipts" to the credit of the Executive Engineer (Construction), Madurai Division, Industrial Estate, Madurai, Madurai-7.

Earnest money deposit will be accepted only in the shape of chalcans, deposit at all receipt and demand drafts of scheduled banks. The demand drafts of scheduled banks furnished towards Earnest Money Deposit drawn in favour of Executive Engineer (Construction), Madurai Division, Industrial Estate, Madurai-7, only be accepted. State Government securities and Tamil Nadu Electricity Board Bond will be accepted at 5 per cent below market value. National Savings Certificates will also be accepted only with the knowledge of the post office concerned. Bank guarantee of any Nationalised Bank will also be accepted. No other mode of payment will be accepted.

Intending tenderers should have at least three years experience in the construction of Major building works.

*Superintending Engineer (Construction),  
Construction Branch.*

No. 88A.

**CHIT TENDER NOTICE.**

For and on behalf of the Governor of Tamil Nadu "SEALED TENDERS" will be received by the Superintending Engineer, P.W.D., Coimbatore-Nilgiris Circle at his office at Coimbatore up to 3 p.m. on 15th February 1972 for the work noted below.

*Name of work:*—Construction of a hostel building for girls at Tiruppur.

Form of contract :—Lumpsum.

E.M.D. :—Rs. 5,600.

Cost of tender documents with plan inclusive of sales-tax :—Rs. 10-35.

Period of completion :—6 months.

The tender documents can be had from the Manager, Office of the Executive Engineer, Buildings Division, Coimbatore on requisition in writing and on payment of the fee indicated above which is not refundable in all working days during office hours from 28th January 1972.

*Superintending Engineer, P.W.D.,  
Coimbatore-Nilgiris Circle,  
Coimbatore-1.*

No. 60A



## TENDER NOTICE.

Sealed tenders are invited from approved Transport contractors for the transport of (i) about sixty machines and (ii) office furniture and records, from the present premises of the workshop and office of the Technical Training Centre, Guindy, Madras-32 to the new buildings. Full particulars and terms of the tender can be had from the Superintendent, Technical Training Centre, Industrial Estate, Guindy, Madras-32 on requisition enclosing a self-addressed envelope sufficiently stamped or in person. Tenders should be sent in a sealed cover addressed to Joint Director (Engineering) of Industries and Commerce, Chepauk, Madras-5 giving tender number to reach before 5 p.m. on 15th February 1972.

No. 82-A

*Joint Director (Engineering),  
Office of the Director of Industries and  
Commerce, Chepauk,  
Madras-5.*

## CHIT TENDER NOTICE.

For and on behalf of the Governor of Tamil Nadu, sealed tenders for the following work will be received from the registered contractors of appropriate Class by the Superintending Engineer, P.W.D. South Arcot Circle at this office at Cuddalore up to 3 p.m. on 9th March 1972 for the work detailed below.

The tender shall be submitted in the prescribed form supplied by this office and shall be enclosed in a sealed cover superscribed with the name of work:—

“Construction of Quarters for one Sub-Inspector, four Head Constables and twenty-three Police Constables at V. Mariður Village in Villupuram taluk”—E.M.D. Rs. 8,750.

Tender Schedule will be available from 21st February 1972 to 7th March 1972 during office hours.

Tenders will be opened at the Office of the undersigned at 4 p.m. on 9th March 1972.

Form of contract is L. S.

The cost of tender Schedule (non-refundable) of Rs. 20 shall be remitted under “P.W.III C. R.” to the credit of the Executive Engineer P.W.D., Villupuram Division, Villupuram and Sales Tax of Rs. 0.60 paise under “XII. Sales Tax (d) Miscellaneous I General Sales Tax” into the State Government Treasury under a single chalan. The Application for tender schedule shall be accompanied with chalan in original.

*Superintending Engineer,  
No. 83-A. P.W.D., South Arcot Circle, Cuddalore-2.*

## GOVERNMENT OF TAMIL NADU HIGHWAYS AND RURALWORKS DEPARTMENT, VILLUPURAM DIVISION

*Annual Road Maintenance Tender Notice for 1972-73.*

For and on behalf of the Governor of Tamil Nadu sealed tenders on percentage basis will be received by the Divisional Engineer (Highways and Rural Works), Villupuram at his Office up to 2-00 p.m. (as per Division Office Clock) on 9th February 1972 for maintenance of Government road for the year 1972-73.

The Tenders received will be opened on the same day at 2-05 p.m. in the presence of the Contractors or their authorised agents.

Particulars of tender conditions and schedule form can be obtained from the Manager of Divisional Engineer's Office (Highways and Rural Works), Villupuram on payment of Rs. 3.11 (Rupees three and paise eleven only) per set including Sales Tax (Not refundable) on all working days from 1st February 1972 to 8th February 1972 during office hours.

The Earnest Money Deposit noted in the list of each work should be remitted into any of the Government Treasury within the Division Jurisdiction to the credit of the Divisional Engineer (Highways and Rural Works), Villupuram under the head “REVENUE DEPOSIT” and the receipted chalan should be enclosed with the Tender. Tenders received without the prescribed Earnest Money Deposit will be summarily rejected.

The list of works showing the value of contract and Earnest Money Deposit to be remitted will be published in the Division Office and Sub-division Office Notice Boards from 1st February 1972.

No. 84-A

*Divisional Engineer.*

## CHIT TENDER NOTICE.

Sealed tenders will be received by the Superintending Engineer, P.W.D., Ramanathapuram circle at his office at Madurai-1 for the works mentioned below in separate covers up to 4-00 p.m. on 16th February 1972. The tenders will be opened by the Superintending Engineer, P.W.D., Ramnad Circle, Madurai-1, in the presence of the tenderers who choose to be present at 4-30 p.m. on the same day. Form of agreement is K2.

Construction of an ancient Head sluice and scouring sluices across Paralarai including formation of Flood bank to feed Keezha thooval and 22 other tanks in Mudukulathur Taluk in Ramnad District.

E.M.D. Rs. 7,290.

The cost of tender documents, viz., Rs. 20 plus Sales Tax (Non-refundable) for each set is payable under the sub-head P.W. III other remittances on account of Executive Engineer, P.W.D., Sivaganga Division, Sivaganga. Besides Sales Tax, at 3½ percent extra which is payable under the head “XII General Sales Tax” and tender documents will be issued only on the production of the chalan.

The tender documents will be available for sale at the office of the Superintending Engineer, P.W.D., Ramnad circle, Madurai-1 during office hours from 7th February 1972 onwards. The last date for receipt of application for the tender schedules is 14th February 1972 and the applications received after that date will not be generally considered.

Earnest money deposit will be accepted in the shape of chalans and other authorised mode of payment after due observations of formalities.

The Superintending Engineer reserves the right of rejecting any tender or the whole tender received without assigning any reasons.

No. 85-A

*Superintending Engineer, P.W.D.*

## TENDER NOTICE.

Sealed quotations for the printing and supply of non-standardised forms and registers are invited by the undersigned upto 3 p.m. on 16th February 1972. Detailed conditions of tender and other particulars can be had free of cost from the Joint Director (Administration), Tamil Nadu State Transport Department, on any working day.

No. 59-A

*Director.*

## TENDER NOTICE.

**Name of Work.**—Supply and Installation of lorry weigh bridge of 20 ton capacity each at the Factory at Thirukalikundram and Panruti.

For and on behalf of the Tamil Nadu Water Supply and Drainage Board, sealed tenders for the supply and erection of lorry weigh bridge of the following specification, will be received by the Special Chief Engineer, Veeranam Water Supply Scheme and Coom Improvements Project, Chepauk, Madras-5, in his office up to 3-00 p.m. on 7th February 1972 and will be opened at 3-30 p.m. on the same day.

**Specification.**—Supply erection and installation of lorry weigh bridge of capacity 20 tonnes and platform size about 20' x 8'.

**Quantity** :—Two numbers.

(Dial gauge self recording—type/Dial gauge/Steel yard.)

**Conditions.**—(1) The weigh bridges are to be installed at Panruti and Thirukalikundram.

(2) The prices quoted must be for delivery and installation at site, viz., Panruti and Thirukalikundram and as applicable for Government Departments.

(3) Ex-Stock offer is preferable.

(4) The delivery period must be clearly indicated and strictly adhered to.

(5) The equipments supplied must be guaranteed for a period of 12 months from the date of erection and commissioning. Any material found defective during the period of guarantee must be replaced at free of cost and free of labour. The weigh bridge should conform to standard fixed by Statutory Authority for check and certification.

(6) Pamphlets must accompany the quotation.

(7) Delayed delivery and erection will be penalised at the rate of Rs. 10 per day for each weigh bridge.

(8) Sales tax, etc., as applicable must be clearly indicated.

(9) The quotations must be sealed and superscribed as "Veeranams Water Supply Scheme—Quotations for weigh bridge due on 7th February 1972".

(10) Earnest money deposit of Rs. 3,000 must be remitted under the head "III—Suspence—G. Remittance (iii) Other remittance—T.W.A.D. Board funds to the credit of Executive Engineer, V. P. Division, Chingleput" and chalan sent with tender.

(11) Service and repair facilities offered must be stated clearly.

*Special Chief Engineer,  
V.W.S.S. and C.I.P.*

No. 89-A.

## TENDER NOTICE.

For and on behalf of the Slum Clearance Board sealed tenders with the name of work and tenders duly superscribed on the cover are invited from reputed contractors by the undersigned up to 3-00 p.m. on 3rd February 1972 for the following work at Radhakrishnapuram. The tenders will be opened by the undersigned at 3-15 p.m. on the same day in the presence of the tenderers who choose to be present.

Construction of Tenemental Blocks at Radhakrishnapuram—(1) 32 in 1 Blocks A2, A3, A4.—E.M.D. Rs. 7,500. Approximate value of work—Rs. 5 Lakhs—Group I.

(2) 24 in 1 Blocks B1, B2—E.M.D.—Rs. 4,050—Approximate value of work—Rs. 2,70,000.—Group II.

Tender documents and other details can be had at a cost of Rs. 15 plus S.I. per set for each work from the office of the undersigned in all working days from 17th January 1972 to 2nd February 1972. Right is reserved by the Executive Engineer to reject any or all tenders without assigning any reason therefor.

*Executive Engineer, Slum Clearance Board,  
Division-III.*

No. 90-A.

## TENDER NOTICE.

Sealed tenders will be received by the Group Materials Manager at the Corporation office up to 3-00 p.m. on 3rd March 1972 for the supply of bearings to the Tamilnad Cements, Alanulam, Ramanathapuram district.

The tenders will be opened by the Group Materials Manager or by his authorised officer at 3-30 p.m. on the same day in the presence of those tenderers who may be present.

Tender documents can be had from Registered Office at 150-A, Mount Road, Madras-2 between 11-00 a.m. and 3-00 p.m. on any working day from 2nd February 1972 on payment of Rs. 20 per set plus sales tax (Non-refundable).

No. 24.

*Group Materials Manager.*

## TENDER NOTICE.

For and on behalf of Tamil Nadu Electricity Board separate Sealed Tenders with the specification No. and due date superscribed on the cover are invited by the undersigned for the supply of the following items. The last date for receipt of tender for both works is 12 noon on 28th February 1972 :—

1. 33 KV 750 MVA 630 A Indoor OMCBS 35 Nos.—Specification E-1526.

2. 11 KV 250 MVA 400 A Indoor OMCBS 70 Nos.—Specification E-1527.

E.M.D. for each work is Rs. 2,000 and cost of tender documents per set for each work is Rs. 10.

The tenders will be opened in the presence of such of those tenderers who may be present at 3-00 p.m. on the due date. Tenders received after the due date will not be considered. Copies of the specifications can be obtained by remitting either by cash or Money Order, the amount noted above to the Accounts Officer, Madras Electricity System (Distribution), 155, Anna Salai, Madras-2, noting the specification No. and sending the cash receipt or Money Order receipt, as the case may be, to the undersigned with a requisition, furnishing complete postal address. The Board reserves the right not to accept the lowest or any tender. The Board also reserves the right to split the tenders, revise the quantity and place orders for supply covered by these specifications on one or more tenderers.

A demand draft in favour of the Accounts Officer, Madras Electricity System (Distribution), for the amount specified shall be sent to Accounts Officer, Madras Electricity System (Distribution), 155, Anna Salai, Madras-2, towards Earnest Money Deposit and the cash receipt enclosed with the tenders. Cheques will not be accepted.

Tenders received without Earnest Money Deposit and those received after the due date will be summarily rejected.

*Superintending Engineer,  
Technical (Electrical).*

No. 25.

## TENDER NOTICE.

Sealed tenders are invited up to 18th February 1972 for printing and supply of Nominal Register for Radiographic and Electro-Cardiographic Examination for Hospitals in this state.

Tenders should be addressed to the "Superintendent, Government General Hospital, Madras-3" and sent in a sealed cover superscribed as "Tender for Printing and supply of Nominal Registers for Hospitals due on 18th February 1972."

The specimen and terms and conditions are in the Stationery Department of this hospital, which can be perused on all working days between 10-30 a.m. and 5 p.m.

No. 74-A.

*F.R.C.S. (Edin.), F.R.C.S. (Glasgow),  
Superintendent.*

## TENDER NOTICE.

### EXPANSION OF MANJOOR INDUSTRIAL CO-OPERATIVE TEA FACTORY AT MANJOOR, NILGIRIS DISTRICT.

For and on behalf of the Governor of Tamil Nadu, sealed tenders will be received by the Superintending Engineer Construction branch, Industries and Commerce Department from contractors of appropriate class of construction branch of Industries Department and other Government Departments for the above works up to 3 p.m. on 8th February 1972. The tenders will be opened by the Superintending Engineer, Construction branch, Industries Department, 35/2, Woods Road, Madras-2 in the presence of those tenderers who choose to be present at 3-10 p.m. on the same day.

The work is to be executed within four months on L.S. Contract E.M.D. is Rs. 1,200.

Tender documents will be available for sale at the office of the Executive Engineer (C) Industries and Commerce, West division, Vellore, North Arcot district during office hours from 1st February 1972.

The cost of tender documents including sales tax on cost of tender documents of Rs. 10.40 (which will under no circumstances be refunded) should be remitted into the Treasury or Reserve Bank of India under the head "XXIX. Industries-Other Receipts" to the credit of the Executive Engineer (Constn.) West Division Industries department, Vellore.

Earnest money deposit will be accepted only in the shape of chalang, deposit at call receipt and demand drafts of scheduled banks. The demand drafts of scheduled bank furnished towards Earnest Money Deposit drawn in favour of Executive Engineer (Constn.) West division, Industries and Commerce, Vellore only be accepted State Government securities and Tamil Nadu State Electricity Board Bond will be accepted at 5 per cent below market value. National Savings Certificates will also be accepted only with the knowledge of the post office concerned. Bank Guarantee of any nationalised Bank will also be accepted. No other mode of payment will be accepted.

Intending tenderers should have at least three years experience in the construction of Major buildings works.

*Superintending Engineer,  
Construction Branch.*

No. 23.

## AUCTION NOTICE

The undermentioned condemned Trailer Pump of MSY 3197 of Large Coventry Climax 1955 model, Fire Service Department will be sold in a public auction at the Vellore fire station premises at 11-00 hours on 4th February 1972, where the Trailer Pump is available for inspection. Conditions of sale can be obtained from the office of the undersigned:—

No. 55-A. *Divisional Fire Officer, Vellore Division*

## CHIT TENDER NOTICE.

For and on behalf of the Tamil Nadu Water supply and Drainage Board sealed tenders will be received by the Superintending Engineer, Tamil Nadu Water supply and drainage Board for the following works at his office at 25-1, Third street Tatabad, Coimbatore-12 up to 3-00 p.m. on 15th February 1972. The tenders will be opened on the same day at 4-00 p.m. either by the Superintending Engineer (or) by any authorised officer in the presence of such of those who choose to be present. The works are to be executed within six months each on L.S. contract basis.

C.W.S.S. For Perundurai and K.C. Palayam panchayats V stage construction of R.C.C. Elevated service Reservoir of capacity 2.00 lakhs litres with L.W.L., M.W.L. Av. G.L. at (Plus) 290.36 (Plus) 292.80 (Plus) 281.21 Metres respectively for K.C. Palayam L.L. zone including pipe connection—E.M.D. Rs. 1,250.

2. C.W.S.S. For Perundurai and K.C. Palayam Panchayats—V stage construction of R.C.C. Elevated S.R. of capacity 1.5 lakhs litres with L.W.L., M.W.L., Av. G.L. at (Plus) 290.36 (Plus) 292.80 (Plus) 281.21 Metres respectively for Perundurai L.L. zone including pipe connection.—E.M.D. Rs. 940.

3. C.W.S.S. For Perundurai and K.C. Palayam Panchayats V stage construction of R.C.C. Elevated S.R. of capacity 1.50 lakhs litres with L.W.L., M.W.L., Av. G.L. at (Plus) 300.43 (Plus) 302.87 (Plus) 286.00 Metres respectively for Perundurai H.L. zone including pipe connections—E.M.D. Rs. 1,000.

4. C.W.S.S. For Perundurai K.C. Palayam Panchayats V stage construction of R.C.C. Elevated S.R. of capacity 1.50 lakhs litres with L.W.L., M.W.L., Av. G.L. at (Plus) 300.43 (Plus) 302.87 (Plus) 286.00 Metres respectively for K.C. Palayam High level zones including pipe connections.—E.M.D. Rs. 1,000.

The cost of Tender Schedule per set of each work is Rs. 10.35 (inclusive of Sales Tax) and the same are available for Sales from 12th January to 14th February 1972.

Tender documents can be had from the office of the Executive Engineer, P.H. Engg. division, 18, Samiappa Gounder street, Thirunagar Colony, by remitting the cost of tender documents either by cash (or) by M.O.

The E.M.D. should be in the form of D.D. Payable at Par (or) valid form of Bank guarantee issued by any one of the nationalised banks drawn in favour of Executive Engineer, P.H. Engg. division, Erode-3. The E.M.D. may be remitted into the treasury under the head of "P.W. III. O.R. charges adjusted to the credit of Executive Engineer, P.H. Engg. division, Erode-3" Tenders received without E.M.D. are liable to be rejected.

The Superintending Engineer P.H. Engg. circle, Coimbatore reserves the right to reject any tender (or) all the tenders without assigning reasons therefor.

No 16A.

*Superintending Engineer (P.H.)  
Coimbatore-12.*

## COIMBATORE MUNICIPALITY.

Sealed Tenders are invited by the Commissioner, Coimbatore Municipality for the supply of G.I. specials of various sizes, pig lead, lead wool, hemp yarn, G.M. Valve, Wheel valve, Ferrule stopcock etc., for the maintenance of water supply up to 3 p.m. on 15th February 1972. They will be opened on the same day at 3.30 p.m. by the Municipal Civil Engineers Tender conditions, etc., can be had from the Municipal Civil Engineer on payment of Rs. 5.18 at the Municipal Treasury by Money order or cash.

No. 22

*Commissioner, Coimbatore-1.*

## CHIT TENDER NOTICE.

For and on behalf of the Governor of Tamil Nadu sealed scheduled tenders will be received by the Superintending Engineer (Highways and Rural Works), Madras Circle, at his office in "Highways Offices Buildings" at Guindy, Madras-25, up to 3p.m. on 16th February 1972 for the works noted below and tenders will be opened at 3.15 p.m. on the same day by the above mentioned officer.

Improvements to Ponneri Tank Bund Road, K.M. 2/8—8/4 (South Arcot district)—E.M.D. Rs. 10,300.

Particulars of tender conditions, schedules forms and plans can be obtained from the office of the Divisional Engineer (Highways and Rural Works), Cuddalore, on requisition in writing and on payment of Rs. 51.75 (including sales tax) for each work on all working days from 7th to 15th February 1972 both days inclusive during office hours. This amount will not be refunded under any circumstances.

The Earnest Money Deposit amounts should be remitted in any of the Government Treasuries within the jurisdiction of the Divisional Engineer (Highways and Rural Works), Cuddalore under the head "Revenue Deposit" to the credit of the Divisional Engineer (Highways and Rural Works), Cuddalore, and the receipted chalan should be enclosed with the tender.

The Earnest Money Deposit if furnished in the form of Bank Guarantee obtained from scheduled banks should be accompanied by the Reserve Bank of India's concurrence.

Tenders received without the prescribed Earnest Money Deposit will not be considered.

No. 56-A

*Superintending Engineer  
(Highways), Madras Circle,  
Madras-25.*

## CHIT TENDER NOTICE

For and on behalf of Governor of Tamil Nadu sealed scheduled tenders will be received by the Superintending Engineer (National Highways), Madurai at his office at No. 11, Avvaiyar Street, Narimedu, Madurai, up to 3.30 p.m. (office clock) on 9th February 1972 (Wednesday) for the works noted below and opened at 3.35 p.m. on the same date. Tender schedules will be available for sale from Divisional Engineer (National Highways), Tiruchirappalli-II for works 1, 2, 19, and 20 and from Divisional Engineer National Highways), Tiruchirappalli-I Division for work 3 and from Divisional Engineer (National Highways) Madurai-2 for works 4 to 18.

1. Widening and Strengthening of National Highways No. 7 from Km. 278/6 to 345 of Salem-Dindigul Section—E.M.D. Rs. 82,300.
2. Reconstruction of the bridge at Km. 284/6 (mile 175/8) on National Highways 45—E.M.D. Rs. 6,000.
3. Constructing a bridge at Km. 14/8 of Thondi-Sundarapandipattinam Road—E.M.D. Rs. 9,400.
4. Widening and Strengthening the pavement from Km. 37/6-55/0 of Madurai-Kanyakumari Section of National Highways 7—E.M.D. Rs. 32,100.
5. Widening and Strengthening the pavement from Km. 55/0-65/0 National Highways 7—E.M.D. Rs. 24,800.
6. Widening and Strengthening the pavement from Km. 65/0-77/0 of Madurai-Kanyakumari Section of National Highways 7—E.M.D. Rs. 31,500.
7. Widening and Strengthening the pavement from Km. 77/0-88/4 of Madurai-Kanyakumari Section of National Highways 7—E.M.D. Rs. 29,100.

8. Widening and Strengthening the pavement from Km. 95/0-105/0 of Madurai-Kanyakumari Section of National Highways 7—E.M.D. Rs. 25,900.
9. Widening and Strengthening the pavement from Km. 105/0-115/0 of Madurai-Kanyakumari Section of National Highways 7—E.M.D. Rs. 30,600.
10. Widening and Strengthening the pavement from Km. 115/0-125/0 of Madurai-Kanyakumari Section of National Highways 7—E.M.D. Rs. 27,800.
11. Widening and Strengthening the pavement from Km. 125/0-134/0 of Madurai-Kanyakumari Section of National Highways 7—E.M.D. Rs. 19,000.
12. Widening and Strengthening the pavement from Km. 134/0-146/4 of Madurai-Kanyakumari Section of National Highways 7—E.M.D. Rs. 31,300.
13. Widening and Strengthening the pavement from Km. 170/0-183/0 of Madurai-Kanyakumari Section of National Highways 7—E.M.D. Rs. 26,600.
14. Widening and Strengthening the pavement from Km. 183/0-195/0 of Madurai-Kanyakumari Section of National Highways 7—E.M.D. Rs. 36,200.
15. Widening and Strengthening the pavement from Km. 195/0-203/0 of Madurai-Kanyakumari Section of National Highways 7—E.M.D. Rs. 21,400.
16. Widening and Strengthening the pavement from Km. 203/0-213/0 of Madurai-Kanyakumari Section of National Highways 7—E.M.D. Rs. 20,200.
17. Widening and Strengthening the pavement from Km. 213/0-224/0 of Madurai-Kanyakumari Section of National Highways 7—E.M.D. Rs. 31,700.
18. Widening and Strengthening the pavement from Km. 224/0-231/6 of Madurai-Kanyakumari Section of National Highways 7—E.M.D. Rs. 21,700.
19. Widening and Strengthening the pavement from Km. 345/0-355/0 of Salem-Dindigul Section of National Highways 7—E.M.D. Rs. 31,000.
20. Widening and Strengthening the pavement from Km. 403/0-417/250 of National Highways 45—E.M.D. Rs. 33,700.

Particulars of tender conditions, prescribed forms, schedules Plans, etc., can be obtained from the office of the Special Divisional Engineer (N.H.) Works, Tiruchirappalli-I Division, Madurai Division, Tiruchirappalli-II Division, on requisition in writing and on payment of Rs. 20-70 per set including sales tax (not refundable) on all working days during working hours from 2nd to 8th February 1972.

Alternative design proposals will not be entertained. The E.M.D. noted above shall be remitted in any of the Government Treasuries within the jurisdiction of the Divisional Engineer (N.H.), Madurai-2, Tiruchirappalli-I Division, Tiruchirappalli-II Division, Tiruchirappalli, under the "Revenue Deposit" and the receipted chalan should be enclosed with the tender.

Earnest Money Deposit in the shape of 12 Years National Defence Certificates, 10 Years Defence Deposit Certificates, State Government Securities, Tamil Nadu State Electricity Board Bonds, Bank Guarantees Deposit at Call receipts, Demand Drafts issued on Schedule Banks will also be accepted. It is informed that Bank Guarantees will not be considered unless the concurrence of Reserve Bank of India to the Bank Guarantee is obtained and enclosed with the tender.

Tenders without earnest money deposit will be summarily rejected.  
No. 57A.

*Superintending Engineer (N.H.), Madurai-2.*



## CHIT TENDER NOTICE.

For and on behalf of the Governor of Tamilnadu sealed schedule tenders will be received by the Superintending Engineer (Highways and Rural works), Madras Circle, at his office in "Highways offices" Buildings at Guindy, Madras-25, up to 3.00 p.m. on 9th February 1972 for the works noted below and the same will be opened at 3.15 p.m. on the same day by the Superintending Engineer (Highways):—

(1) Widening the carriageway to two lane in Tiruvottiyur-Ponneri-Panjetty Road-KM. 6/5-8/0.—EMD. Rs. 3,695.

(2) Widening the carriageway to two lane in Tiruvottiyur-Ponneri-Panjetty Road-KM. 8/0-9/6.—EMD Rs. 3,170.

(3) Widening the carriageway to two lane in Tiruvottiyur-Ponneri-Panjetty Road-KM. 9/6-11/4.—EMD. Rs. 4,470.

Particulars of tender conditions, schedules forms and plans can be obtained from the office of the Divisional Engineer (Highways and Rural works), Saidapet, Madras-15, on requisition in writing and on payment of Rs. 25-88 (including Sales Tax) for each work on all working days from 31st January 1972 to 8th February 1972 both days inclusive during office hours. This amount will not be refunded under any circumstances.

The Earnest Money Deposit amounts noted against each work should be remitted in any of the Government Treasuries within the jurisdiction of the Divisional Engineer (Highways and Rural works), Saidapet, under the head "Revenue Deposit" to the credit of the Divisional Engineer (Highways and Rural Works), Saidapet, and the receipted chalan should be enclosed with the tender.

The Earnest Money Deposit if furnished in the form of bank guarantee obtained from scheduled banks should be accompanied by the Reserve Bank of India's concurrence.

Tenders received without the prescribed Earnest Money Deposit will not be considered.

No. 68-A.

*Superintending Engineer (Highways)  
Madras Circle, Madras-25.*

## SUPPLY OF PUMPSSETS TO VEERANAM PROJECT.

For and on behalf of the Tamil Nadu Water-supply and Drainage Board, sealed Tenders for the supply of pumpsets of the following specification, will be received by the Special Chief Engineer (VWSS & CIP) Chepauk, Madras-5, in his office on or before 7th February 1972 by 3-00 p.m. and will be opened at 3-30 p.m. on the same day.

### SPECIFICATION

Item 1: 5 H.P. Portable Diesel driven pumpsets mounted on a trolley. Quantity—Six numbers.

Item 2: 5 H.P. Electrically driven single stage pumpsets flexibly coupled and mounted on a common base plate with suitable starter. The pumpset must be suitable for operation on AC 3-phase 50 cycles 400/440 volts supply. Quantity—Three numbers.

The above pumps are required for dewatering purposes of trenches (approximately about 12' depth).

### Conditions—

(1) Details such as makes, sizes, capacity of suction and delivery head and other details of the pumpsets must be clearly furnished along with pamphlets.

(2) Ex-stock offer is preferable.

(3) Delivery period must be clearly indicated and strictly adhered to.

(4) Payment will be made on receipt of pumpsets and after checking the performance.

(5) The pumpsets must be guaranteed for a period of 1 year from the date of receipt at stones against defective materials and bad workmanship. Any material found defective during the period of guarantee must be replaced free of cost and free of labour charges.

(6) Tenders must be sealed and superscribed as "Tenders for the supply of pumpsets due on 7th February 1972 by 3-00 p.m.

(7) Rates as applicable to Government Departments and for delivery at Chepauk stores, Madras-5 must be quoted.

No. 72-A

SPECIAL CHIEF ENGINEER  
(TWAD BOARD).

## CHIT TENDER NOTICE.

For and on behalf of the Governor of Tamil Nadu sealed tenders will be received by the Superintending Engineer (H), N.H. Works Madras-1 at his office at Kuralagam buildings IV Floor, Madras-1 up to 3-00 p.m. on 16th February 1972 for the work noted below:—

*Name of work.*

RECONSTRUCTING THE MINOR BRIDGE AT K.M. 181/8 OF N.H. 45 MADRAS-TRICHY-DINDIGUL ROAD—E.M.D. RS. 1,930.

The tender will be opened on the same day (i.e. on 16th February 1972 at 3-15 p.m. by the Superintending Engineer (H) Special Circle for N.H. Works, Madras-1.

Particulars of tender conditions schedule form and plans can be obtained from the office of the Divisional Engineer (H) Special Division II, N.H. Works at Guindy, Madras-25, from 9th February 1972 to 15th February 1972 on payment of Rs. 25-88 (including sales tax) in all working days during office hours. This amount will not be refunded under any circumstances.

The Earnest Money Deposit noted above should be remitted in any one of Government Treasuries within the jurisdiction of the Divisional Engineer (H) N.H. Special Division II, Madras-25, tender the head of Revenue Deposit—to the credit of the Divisional Engineer (H) Special Division II for N.H. Works, Guindy Madras-25, and the receipted chalan should be enclosed with the tender. If bank guarantee is produced towards Earnest Money Deposit it should be in the form prescribed by the Government. The concurrence of Reserve Bank of India to the Bank Guarantee should also be submitted along with the tender.

Tenders received without the prescribed Earnest Money Deposit will not be considered.

No. 73-A.

SUPERINTENDING ENGINEER (H).

## PUBLIC WORKS DEPARTMENT.

*Construction of an Anicut across Chittamur river to feed Chittamur and Kilpattutanks in Madurantakam taluk of Chingleput District.*

For and behalf of the Government of Tamil Nadu sealed tenders will be received by the Superintending Engineer, Chingleput-North Arcot Circle, Vellore from the registered contractors of appropriate class of P.W.D. or other Government Departments and ayacutdars under the source for the above work upto 3-00 p.m. on 10th February 1972. The tender will be opened by the Superintending Engineer, P. W. D., Chingleput-North Arcot Circle, Vellore-1 in the presence of those tenderers who choose to be present at 3-15 p.m. on the same day.

Period of completion of work—15 months.

Form of contract—K2—P.W.D., New form IV. 27.

Intending tenderers will on application in writing to the address of the Personal Assistant to the Superintending Engineer, P.W.D., Chingleput-North Arcot Circle, Vellore, of the Office of the Superintending Engineer, Chingleput-North Arcot Circle, Vellore, be supplied with a detailed notice and schedule specification, etc., relating to the work on a payment of fee of Rs. 20 (Rupees Twenty only) paid into any Government Treasury under 'P.W.D. Remittances III-O.R.' to the credit of the Executive Engineer, P.W.D., Kancheepuram Division, Kancheepuram. Sales-Tax of Rs. 0-70 can be remitted in the sale chalan under head 'XII.S.T.B. Receipts under State Sales Tax Act. General Sales Tax.' The amount will not be refunded on any account. The tender documents will be issued only after producing the chalan.

Applications for the supply of the above tender documents should reach the office of the Superintending Engineer, P.W.D., Chingleput-North Arcot Circle, Vellore, on or before 8th February 1972 and those received after that date will not generally be considered. Tender documents will be available for sale at the office of the Superintending Engineer, P.W.D., Chingleput-North Arcot Circle, Vellore, during office hours from 25th January to 8th February 1972.

Tenders shall be submitted only in the prescribed forms supplied by the Department and should be enclosed in sealed cover marked "Tenders for the work of construction of an anicut across Chittamur River in Madurantakam taluk of Chingleput District" also noting down the number and date of chalan and amount of E.M.D. remitted.

An earnest money of Rs. 4,000 (Rupees Four thousands only) shall be deposited by the Intending Tenderer as stipulated in the detailed tender notice and the chalan therefor should invariably accompany the tender. Earnest Money deposit will be accepted only in the shape of chalans, fixed Deposit receipt, deposit a call receipts and demand draft of Schedule Banks. The demand draft of Scheduled Bank furnished towards Earnest Money Deposit drawn in favour of the Executive Engineer, P.W.D., Kancheepuram Division, Kancheepuram, only be accepted. State Government Securities and Madras State, Electricity Board Bonds will be accepted at 5 per cent below market value. National savings certificates will also be accepted only with the knowledge of the Post Office concerned. No other made of payment will be accepted.

Tenderers should enclose Income-tax verification and Sales-tax clearance certificate. Ayacutdars tendering for the work should enclose solvency certificate obtained from the Revenue Officials not below the rank of Deputy Tahsildar and a certificate to the effect that they are ayacutdars under the source being benefited by the scheme for which tenders are called for.

Tenders will be entertained only from the registered contractors and ayacutdars under the source being benefited by the scheme and registered contractors of other Divisions should enclose a copy of the enlistment order to

establish that they are registered contractors. Tenders not complying with any of the above conditions will be rejected.

The successful tenderer will be requested to make further security deposit as may be required by the undersigned and enter into an agreement for the satisfactory execution of the work as per stipulations in the detailed tender notice.

The Superintending Engineer, P.W.D., Chingleput-North Arcot Circle, Vellore, reserves to himself the right to reject any or all the tender.

No. 33-A.

*Superintending Engineer, P.W.D.,  
Chingleput, North Arcot Circle,  
Vellore.*

### CHIT TENDER NOTICE.

For and on behalf of the Governor of Tamil Nadu sealed scheduled tenders will be received by the Superintending Engineer (H), Special Circle for National Highways Works, Madras-1 at his office at Kuralagam Buildings, IV Floor, Madras-1, upto 3-00 p.m. on 9th February 1972 for the works noted below.

1. Improvements to geometrics from KM. 255/0 to 278/6 in MH. 7 (Salem Dindigul section)—Salem Division.—EMD Rs. 6,925.

The tender will be opened on the same day (i.e.) on 9th February 1972 at 3-15 p.m. by the Superintending Engineer (NH), Special Circle for National Highways Works, Madras-1. Particulars of tender conditions forms and plans can be obtained from the office of the Divisional Engineer (H), Special Division for National Highways Works, Salem, from 3rd to 8th February 1972 on payment of Rs. 25-88 (including Sales-Tax) on all working days during office hours. This amount will not be refunded under any circumstances.

The E.M.D. note above should be remitted on any of the Government Treasuries within the jurisdiction of the Divisional Engineer (H), Special Division for National Highways works, Salem and the receipted chalan should be enclosed with the tender.

The tender received without prescribed Earnest Money Deposit will not be considered. If the Bank guarantee is produced towards E.M.D. It should be in the form prescribed by the Government of Tamil Nadu. The concurrence of Reserve Bank of India to the Bank Guarantee should also be submitted along with the tender.

No. 69-A.

*Superintending Engineer (H).*

### TENDER NOTICE.

Sealed tenders are invited for the transport of Chemical Fertilisers by road from various parts in Tamil Nadu and FACT, Uthiyogamandal (Kerala) to the Chingleput District for the period upto 31st March 1972. Transport contractors who are financially sound and having good record of service are requested to quote their rates of transport charges per metric tonne per kilometre.

Full details in this regard can be had from the District Development Officer (North), Collectorate of Chingleput District at Kanchipuram, on requisition.

Sealed Tenders should reach the Collector of Chingleput District at Kanchipuram before 3 p.m. on or before 21st February 1972. The tender should superscribe the word 'tenders—Road movement of chemical fertilisers' on the sealed cover.

No. 71-A.

*Collector Chingleput District.*

## TAMIL NADU WATER SUPPLY AND DRAINAGE BOARD.

Sealed tenders will be received in the prescribed form for the supply of the following by the Managing Director, Tamil Nadu Water Supply and Drainage Board at his office at No. 1, Club House Road, Mount Road, Madras-2, up to 3-00 p.m. on 20th February 1972 and the tenders will be opened at 3-05 p.m. on the same day, in the presence of those tenderers who may be present.

- (a) Supply and delivery of R.C.C. pipes and collars of various sizes and classes conforming to ISS 651/1961, E.M.D.—Rs. 50,000.
- (b) Supply and delivery of salt glazed stoneware pipes of various sizes conforming to ISS 651/1962, E.M.D.—Rs. 25,000.

Form of Contract—Lumpsum.

E.M.D. to accompany the tender should be in the form of a receipted Government Treasury Chalan or Demand Draft or Bank Guarantee issued by a nationalised bank.

Tender documents can be had free of charge from T.W.A.D. Board Secretariat, No. 1, Club House Road, Mount Road, Madras-2, on any working day. The Managing Director, T.W.A.D. Board, Madras-2, reserves the right to reject or cancel any/or all the tenders received without assigning any reasons therefor. He also reserves to himself the right to allocate the supply contract to more than one tenderer.

No. 4-A *Managing Director, T.W.A.D. Board, Madras-2.*

## TAMIL NADU WATER SUPPLY AND DRAINAGE BOARD.

*Polur Water Supply Scheme III Stage—Distribution System for Low Level and High Level zone—Laying and jointing of C.I. and A.C. pipes and specials—Fitting valves, etc.*

Sealed tenders in the proper Departmental Form will be received by the Superintending Engineer, P.H. Engg. Circle, Madras, at his Office at No.52, Gungu Reddy Road, Egmore, Madras-8, for the above work up to 3-00 p.m. on 4th February 1972 from the Registered Contractors of appropriate class of this Departmental and/or similar Government organisations. The tender will be opened after 3-30 p.m. on the same day by the Superintending Engineer, Public Health Engineering Circle, Madras, in the presence of tenderers who choose to be present at the time of opening.

Form of contract—K-2.

Earnest money deposit.—Rs. 1,785.

(To be in the form of treasury chalan/or/in any one of the acceptable forms of deposits as prescribed in the tender schedule.)

Cost of tender documents.—Rs. 10-35.

The cost towards tender documents to be remitted to the credit of the Executive Engineer, P.H. (Engg.) Division, Vaniyambadi—P.W. III. O.R. and for Sales Tax XII Sales D. Misc. I—General Sales Tax in separate chalang.

Tender documents can be had on application to the Executive Engineer (PHE), P.H. Engg. Division, No. 301, Jamath Road, Vaniyambadi, with cost of tender documents sent by cash or by money order.

Period of completion—Six months.

*Superintending Engineer, Public Health Engineering Circle, Madras-8.*

No. 16

## PUBLIC WORKS DEPARTMENT.

Sealed tenders will be received by the Superintending Engineer, Public Works Department, Tirunelveli Kanyakumari Circle, Palayamcottai, for the following works separately for each work up to 3-00 p.m. on 18th February 1972. The tenders will be opened at 4-00 p.m. on the same date. Form of contract is L.S. Period of completion 12 months.

*Name of work.—*

Construction of an anicut across Vaippar near Athankarai village reach from L.S. 0 to 61-0 M.—E.M.D. Rs. 4,700.

Construction of an anicut across Vaippar near Athankarai village reach from L.S. 61-0 M. to 122 M.—E.M.D. Rs. 4,150.

Construction of an anicut across Vaippar near Athankarai village reach from L.S. 122 M. to 183 M.—E.M.D. Rs. 4,100.

Construction of an anicut across Vaippar near Athankarai village reach from L.S. 183 M. to 244 M.—E.M.D. Rs. 4,100.

Construction of an anicut across Vaippar near Athankarai village reach from L.S. 244 M. to 305 M.—E.M.D. Rs. 4,100.

Construction of an anicut across Vaippar near Athankarai village reach from L.S. 305 M. to 355 M.—E.M.D. Rs. 3,200.

The cost of tender documents is Rs. 20 and Sales Tax 70 paise for each item (which will not be refunded under any circumstances) is to be remitted in any treasury under the head P.W. III or receipt on account of Executive Engineer, Public Works Department, Tuticorin division, Tuticorin and the Sales Tax under the head XII. Sales Tax—(b) Receipt under the State Sales Tax Act—General Sales Tax.

Tender schedules and other documents can be had either by post or in person from the office of the Superintending Engineer, Public Works Department, Tirunelveli, Kanyakumari Circle, Tirunelveli-2, during office hours on all working days from 5th to 12th February 1972 on application to the Manager with the receipted chalan towards the cost of tender documents and Sales Tax. Applications received after that date will not generally be considered.

Further particulars can be had from this office during office hours on all working days.

*Superintending Engineer, P.W.D.,  
Tirunelveli-Kanyakumari Circle, Tirunelveli-2.*

No. 14

## DEPARTMENT OF TECHNICAL EDUCATION, MADRAS-25.

### NOTIFICATION.

The exemptions hitherto accorded to all private candidates working in the Engineering/Technological organisations in Tamil Nadu State admitted to the Board's Pre-technical Course and Pre-technical (Textile) Course examination (I to III semester) to qualify themselves for admission to the diploma examinations in Civil, Mechanical, Electrical Engineering and Textile manufacture, from taking the examination in certain subjects are withdrawn from the year 1972. All private candidates admitted afresh to the above examinations conducted by the Board of Examinations, from October 1972 onwards will have to appear in all subjects (both theory and practical) of the Pre-technical Course examinations irrespective of their academic qualifications in future.

*Chairman,  
Board of Examinations.*

No. 44-A

## TAMIL NADU PUBLIC SERVICE COMMISSION.

APPLICATIONS ARE INVITED UP TO 5 p.m. ON 2nd March 1972 for the undermentioned posts :—

I. Two appointments of Senior Instructors in Mathematics and five appointments as Junior Instructors in Commercial Practice in Government Polytechnics for Women in the Tamil Nadu Educational Subordinate Service (only women alone are eligible to apply).

Pay.—(1) Senior Instructors in Mathematics.—Rs. 400—15—475—20—575—25—650 per mensem.

(2) Junior Instructor in Commercial Practice.—Rs. 325—15—550 per mensem.

Age.—(1) For Senior Instructor in Mathematics.—Below 36 years on 1st July 1972;

(2) For Junior Instructors in Commercial Practice.—Below 30 years on 1st July 1972; Upper age-limit relaxable up to 10 years in the case of physically handicapped persons.

Qualification.—(i) For appointment as Senior Instructor in Mathematics.—A first or Second Class Master's degree in Mathematics.

(2) For appointment as Junior Instructor in Commercial Practice.—(i) A first or Second Class Bachelor's degree in Commerce or Economics; or

(ii) A degree in Arts with a pass in Government Technical Examinations in Typewriting and Shorthand (English or Tamil) by the Higher Grade.

II. Four appointments of compilers in the Tamil Nadu Public Health Subordinate Service.—

Pay.—Rs. 200—5—250—10—300 per mensem (plus special pay of Rs. 15).

Age.—Below 36 years on 1st July 1972 if he is a member belonging to the Scheduled Castes and Scheduled Tribes and below 30 years on 1st July 1972 in the case of others. Upper age limit relaxable up to 10 years in the case of physically handicapped persons.

Qualifications.—(1) The Minimum General Educational qualification.

(2) Successful completion of training in "Punching and Verification" in a recognised Institute like International Computers and Tabulators (Ind a) Private Limited, etc.

III. Two hundred and fifty appointments of Deputy Agricultural Officers in the Tamil Nadu Agricultural Subordinate Service.—

Pay.—Rs. 375—15—495—20—575—25—650 per mensem.

Age.—Below 30 years on 1st July 1972 in the case of candidates holding a M.Sc. degree in Agriculture, M.Sc. or P.h.d. degree and below 27 years on 1st July 1972 in the case of others.

Qualification.—The degree of B.Sc. in Agriculture. No age limit for members of the scheduled Castes, Scheduled Tribes and the Backward Classes who possess a general educational qualification which is higher than the minimum general educational qualification. Goldsmiths affected by the Gold Control Order their sons and unmarried daughters and Ex-N.C.C. Cadets who were employed as Under Officer-Instructors or Sergeant-Major Instructors in the N.C.C. on whole-time basis on or after 1—1—1963 are allowed concessions in the matter of age-limit. Qualifications including age-limit relaxable in the cases of persons demobilised from the Army, Navy or Air Force who will be below 40 years of age on 1—7—1972, displaced persons from East Pakistan who have migrated to India on or after 1—1—1964 and repatriates from Ceylon and Burma. Particulars and form of application may be obtained from the Secretary, Tamil Nadu Public Service Commission, Madras-2, on requisition in writing specifying the name of the post and accompanied by a self-addressed stamped (Thirty five paise and a refund relief stamps) Envelope of atleast 23 c. m. in length superscribed as 'Book-Post'.

No. 45-A.

## PUBLIC WORKS DEPARTMENT. Construction of building for Government High School at Vyasarpadi, North Madras.

Sealed tenders will be received from the Registered contractors of appropriate class of P.W.D. and/or other Governments Departments by the Superintending Engineer, P.W.D. Madras-Chingleput Circle, Chepauk, Madras-5 for the above work up to 3.00 p.m. on 9th February 1972.

The tenders will be opened by the Superintending Engineer, P.W.D., Madras-Chingleput Circle, Madras-5 in the presence of those tenderers, who choose to be present at 3.15 p.m. on the same day.

Form of contract—Lump-sum.

E.M.D.—Rs. 3,400.

Cost of tender documents with sales tax—Rs. 20.70 P.

Period of completion—Four months.

Tender documents will be available for sale at the office of the Superintending Engineer, P.W.D., Madras-Chingleput Circle, Madras-5 during office hours—From 2nd February to 8th February 1972.

Date of tender.—9th February 1972.

The cost of tender documents which will under no circumstances be refunded should be remitted into the Treasury or Reserve Bank of India, under the head "P.W. Remittance, III Other Remittances to the Credit of the Executive Engineer P.W.D., Buildings Division No. II Chepauk, Madras-5 The sales tax should be remitted under the same chalan into the Treasury or Reserve Bank of India under the separate head "XII Sales Tax. b. Receipt under State Sales Tax Act, General Sales Tax" The tender documents will be issued only after producing the chalan.

The Superintending Engineer, P.W.D., Madras-Chingleput Circle, Madras reserves to himself the right to reject any or all the tenders without assigning any reasons therefor.

Further particulars can be had from the office of the Superintending Engineer, Madras-Chingleput Circle, during office hours.

No. 41A  
Superintending Engineer,  
Madras-Chingleput Circle.

## APPOINTMENT OF ELEMENTARY GRADE TEACHERS IN TAMIL NADU EDUCATIONAL SUBORDINATE SERVICE IN THUCKALAY EDUCATIONAL DISTRICT (KANYAKUMARI DISTRICT).

Applications are invited for regular appointment, by direct recruitment, from candidates to the Elementary Grade posts under the jurisdiction of the District Educational Officer, Thuckalay (Kanyakumari District) as specified below :—

Elementary Grade Teachers (Tamil)—36 (Thirty-six)  
Probable vacancies.

NOTE.—The vacancies are likely to increase or decrease.

### Qualifications and Scale of Pay.

Scale of pay.—Rs. 150—4—170—5—225.

Qualification.—A completed Teacher's Certificate of Elementary Grade or Junior Basic Grade Training School-Leaving Certificate of State of Tamil Nadu or other equivalent qualification evaluated by the Director of School Education, Madras-6 as equivalent to the above.

Age.—The candidate should not have completed thirty years of age on the 1st July 1972.

Persons who have been demobilised from the Army, Navy or Air Force and who have not completed forty years of age on the first day of July 1972 may also apply. Such applicants should attach their discharge certificates, in original to their applications. Persons belonging to Scheduled caste and Scheduled Tribes who have not completed 35 years of age on 1st July 1972 may also apply.



The application should be in the form prescribed in the annexure to this notification and should reach the District Educational Officer, Thuckalay (Kanyakumari District) within *thirty days* from the date of the Gazette in which this notification is published.

Certificates in original showing general education and professional qualifications should be enclosed.

NOTE.—Three conduct certificates, one from the head of the institution where the candidate last studied and two from the respectable persons obtained after the date of Gazette publishing this notification.

Persons who are already in service in Government, Local Body or private institutions should submit their applications through the present employer only.

Persons who are now working in Government schools of Thuckalay Educational District and under the temporary and emergency provision of the service rules are also required to apply through the heads of the schools with reference to this notification, if they wish to be continued on regular appointment.

Every candidate must remit a fee of Rs. 10 (Rupees ten only) into a Government Treasury to the credit of "XXII. Education—F. General (e) Miscellaneous—IV. Other items" and enclose the original chalan with the application.

NOTE.—The fees remitted before the date of publication of this notification in the Gazette will not be accepted.

The following categories of candidates need not remit the fees :—

(i) A candidate belonging to the Scheduled Caste or Scheduled Tribe or Backward Class who has passed the Intermediate Examination in Arts of any of the universities or who has acquired from any of the universities any of the qualifications corresponding to the said qualification. Such candidates should produce from the Revenue authorities of rank not lower than a Deputy Tahsildar that they belong to the particular community claimed by them.

(ii) War service candidates (the discharged certificate should be produced).

The selection for the appointment will be made by the District Educational Officer, Thuckalay purely on merits of the individual cases based on the result of the interview with the candidates. Candidates should be prepared to appear for an interview in the Office of the District Educational Officer, Thuckalay, at their own cost when called for.

The selection or the subsequent appointments carry no claim for final absorption into the Government service.

A candidate who attempts to canvass or bringing influence to bear upon the District Educational Officer, Thuckalay, personally or by letter or through any friend, relative, patron, official, etc. will be summarily disqualified from selection without assigning any reason whatsoever.

Candidates who do not possess the qualifications prescribed need not apply.

The cover containing the applications and enclosures in original should be superscribed as "APPLICATION FOR APPOINTMENT TO THE POST OF ELEMENTARY GRADE TEACHER".

Applications received with incomplete particulars and without enclosures, i.e. general and professional and other required certificates, in original and applications received after the date prescribed will be summarily rejected.

## ANNEXURE

### APPLICATION FOR APPOINTMENT TO THE POST OF ELEMENTARY GRADE TEACHERS IN THE TAMIL NADU EDUCATIONAL SUBORDINATE SERVICES, THUCKALAY EDUCATIONAL DISTRICT—KANYAKUMARI DISTRICT.—

- 1 Name of the post for which application is made
- 2 Name of the applicant (in full) (in Block Letters)
  - (a) Male or female
  - (b) Married or unmarried
- 3 Father's name and occupation (in the case of married lady candidate husband's name and occupation).
- 4 Institution or institutions where educated.
- 5 Mother tongue
- 6 (i) Nationality, religion, caste and community (for statistical purpose only).
  - (ii) Does he/she belongs to Scheduled Caste, Scheduled Tribe or Backward Class or convert to Christianity. (If so, please specify necessary certificates obtained from the Revenue authorities should be enclosed in original).
- 7 Date of birth (in Christian era)
- 8 (a) General educational qualifications.
  - (b) Professional or Technical qualifications (year, number and class or grade of the certificates should be specified).
- 9 First language studied in the S.S.L.C. Course or other school course.
- 10 Details of the previous experience, if any (necessary records should be produced).
- 11 Details of activities of the candidates in sports and the N.C.C. or his general physique.
- 12 Complete and correct postal address (in Block Letters).
- 13 Full particulars of the present and past employment with information of pay drawn, date of appointment and relief from posts formerly held and reasons for the termination of appointment.
- 14 Chalan number and date with the name of the treasury into which the fee of Rs. 10 is remitted (original chalan should be enclosed).

I, ....., hereby declare that the above particulars are true to the best of my knowledge.

*Signature of the candidate.*

Place :

Date :

N.B.—The original certificates and the chalan—Vide Columns 6 (ii), 8 (a), (b) and 14 should be enclosed.

DISTRICT EDUCATIONAL OFFICER,  
THUCKALAY.

# TAMIL NADU ELECTRICITY BOARD.

## REVISED TARIFFS AND CONDITIONS OF SUPPLY OF POWER.

The following revised tariffs and conditions of supply of electricity by the Tamil Nadu Electricity Board which come into force from the date or dates on which the meter reading is taken on or after the 1st January 1972, are published for information. The revised tariffs for H.T. Bulk supply to Licensees and L.T. supply for Public lighting will be notified separately. The Surcharge on tariff rates payable by such of those H.T. and L.T. Consumers drawing supplies direct from the Tamil Nadu Electricity Board (except in the case of supply to industrial units charged under special rates and supply to other States) and the Fuel Surcharge on H.T. Consumers in the Madras Thermal Area will cease to operate on and from the date or dates on which the revised tariffs come into effect. There will also be no levy of Electricity Consumption Tax in the case of all the L.T. consumers of the Board other than those availing supply for Public Lighting. The rates of electricity tax in the case of H.T. supplies by the Board other than the special loads have also been suitably revised.

### HYDRO AND MADRAS THERMAL GRID.

#### CONDITIONS AND RATES FOR THE SUPPLY OF ENERGY.

##### PART I.

*Hydro-area (other than Thermal area mentioned below).*

I. (A) Supply to industrial establishment and registered factories other than those referred to in Tariff II below:—

<i>Class and monthly consumption in K.W.H.</i>	<i>Rate per K.W.H. in paise.</i>	<i>Rate per K.V.A. of maximum demand per month.</i>
For the first 50,000 units	9.25	P For the first 500 KVA Rs. 12.50. L For the next 500 KVA—Rs. 11.50. S For all in excess of 1,000 K.V.A.—Rs. 9.50.
For the next 50,000 units	8.75	
For the next 200,000 units.	7.75	
For the next 500,000 units.	6.25	
For all in excess over 800,000 units.	6.00	

The above tariff is subject to a minimum payment of half the contracted load in K.V.A. × Rs. 150 per annum per service.

##### *Thermal Area.*

I. (B) Supply to industrial establishment and registered factories other than those referred to in Tariff II below:—

<i>Class and monthly consumption in K.W.H.</i>	<i>Rate per K.W.H. in Paise.</i>	<i>Rate per K.V.A. of maximum demand per month.</i>
For the first 50,000 units	11.75	P For the first 1,000 KVA—Rs. 14.50. L U For all in excess of 1,000 K.V.A.—Rs. 14.00. S
Next 4,50,000 units ..	11.50	
Next 5,00,000 units ..	11.25	
Next 5,00,000 units ..	10.75	
Next 10,00,000 units.	10.25	
For all in excess of 25,00,000 units.	7.50	

The above tariff is subject to a minimum payment of half the contracted load in K.V.A. × Rs. 200 per annum per service.

The above tariff is applicable to the area where the levy of fuel surcharge has been in vogue till the date of coming into force of this order.

(i) (a) In the case of new industries the following concessional tariffs shall be charged for the first five years after the commencement of production:—

For the first 3 years ..	66 2/3 per cent of the High Tension rates under I (A) or I (B) as the case may be.
For the Fourth year ..	80 per cent. Do.
For the Fifth year ..	90 per cent. Do.
For the Sixth year ..	Full tariff.

The above concession shall apply to both unit rates and maximum demand charges. This concession shall not, however be applicable to a consumer who utilizes power from his own generating units or makes other arrangements for production purposes and utilizes the power supplied by the Board for auxiliary purposes only.

NOTE (1).—This tariff concession is applicable only once to a consumer for new industrial undertaking and will not be available for subsequent expansion or diversification of production.

NOTE (2).—If a consumer starts a branch mill for the manufacture of the same products, the branch mill is not eligible for the concession.

(i) (b) New industries which work a night shift, i.e., between 9.30 p.m. and 5.30 a.m. the next day, will be given a further concession of 40 per cent on the average "Energy rate" only (i.e., exclusive of "Demand charges") for consumption during night shift for a period of five years. This concession shall apply to the average energy rate arrived at after giving the new industry concession referred to in item (i) (a).

(i) (c) Industries which introduce a night shift newly will be eligible for the 40 percent tariff concession mentioned in item (b) on the same terms and for the same period of five years for consumption during stipulated hours.

(i) (d) New industries in and around Mettur Township which avail of power only during the irrigation season (15th July to 15th January) shall be given a tariff reduction of 25 per cent. This concession shall be in addition to the other concessions applicable to the new industries mentioned in items (a) and (b). If such industries take power during non-irrigation season this concession shall not be applicable.

(i) (e) New industries to be set up in industrially under developed areas notified as such by the Government will be given a reduction of fifteen per cent of the tariff. This will be over and above the concessions to new industries specified in items (a) and (b).

(ii) In all cases of H.T. industrial supply, the connected load under lighting and other non-industrial purposes including appliances but not for resale must not exceed 15 per cent of that for power and heating as detailed in clause X of the tariff. "If any excess under lighting and non-industrial load cannot be segregated or brought within the permissible limit of 15 per cent then the whole consumption in the service will be charged under H.T. Tariff II.

II. *Film Production, commercial and non-industrial purposes.*—Rates in item I (A) or I (B) as the case may be plus 25 per cent.

The commercial and non-industrial tariff is applicable to irrigation and other projects and also supply to industries requiring H.T. supply initially up to a limited extent for construction purposes.

(Note.—The increase of 25 per cent over industrial rate will apply to tariff minimum also.)

*III. Licenses (Grid Tariff).—*Will be notified separately.

*IV. Supply to Tea Estates.*—The rate for tea factory lighting and power provided that the load of lighting and fans does not exceed 15 per cent of the total industrial load will be as follows:—

For the first 2,000 units per month—24 paise per unit.

For all in excess of 2,000 units—13.5 paise per unit.

Minimum monthly charges—Rs. 300.

In the case where a group of factories under the same management is established in the same area near the Board's High Tension lines, the standard High Tension Tariff I (A) shall be applicable always provided that the annual minimum specified therein is guaranteed for each point of supply. In such case connecting lines between factories shall be constructed and maintained by the consumer.

*V. Special rates.*—Rates for Railway Electrification, isolated installations, Electro Chemical factories or any other special loads will be arranged by negotiations. The following standard condition will apply when the rate is on demand basis:—

Billing demand for each month of the special rate consumers will be reckoned adopting the same procedure prescribed under "Demand charges" in clause VII but if any month the recorded demand in a service is less than 1,000 K.V.A. this will be taken as 1,000 K.V.A. for purposes of averaging and billing.

*VI. Power factor.*—Should be power factor fall below 0.7 the power service may be disconnected at the discretion of the Engineer. The service will not be reconnected until the power factor has been corrected to 0.8 or above.

The power factor shall be that determined during the half an hour of maximum demand on any working day in the month.

*VII. Demand charges.*—The demand payment will be a fixed monthly charge whether energy is consumed or not and will constitute a minimum monthly payment. It will be based on the K.V.A. demand recorded in that month or the average of the recorded demands for the twelve months ending with the month in question whichever is higher. For the first year of service, the average will be struck up to the end of the month from the commencement of service.

*VIII. Seasonal demand.*—For loads of strictly seasonal character when the main plant is regularly closed down during certain months in the year the minimum charge during the months in which the machinery is entirely or partially shut down will be waived in full or proportionately. This concession is subject to the express conditions:—

(i) that the total amount paid for power during the year must exceed the maximum monthly demand multiplied by twelve times the monthly demand charges otherwise the balance will be charged for, and

(ii) that the consumer gives previous notice in writing to the Board of the total or partial closing down of the machinery.

*IX.* Unless specified otherwise, all High Tension rates referred to one point of supply only.

*X.* (i) In all contracts for industrial power supply at H.T. I (A) and I (B) and for the Tea Estate under H.T. IV, the connected load under lighting and other non-industrial purposes including appliances but not for sale must not exceed 15 per cent of that for power and heating.

The consumer shall utilise the energy for lighting and non-industrial purposes solely for bona fide purposes of the factory and its industrial activities. The Chief Engineer shall be the final authority in deciding the bona fide nature of these purposes. In the case of supply under H.T. (A) and (B) H.T. IV.

and at special rates under H.T.V. and also for Group Tea Estates the usage of electricity for bona fide purpose of lighting, heating, power loads, etc., in the residential quarters within the factory or estate premises shall be metered by the consumer taking the H.T. supply and paid for to the Board at the rate of 20 Paise per unit. The units so meters shall be deducted from the total number of units registered in the mainmeter of the H.T. Supply for billing purposes.

(ii) The consumers shall utilise the energy within the area of the factory solely for the purpose of industry and its activities.

(iii) If the consumer contravenes any of the above provisions the allowance for lighting and non-industrial purposes is liable to be withdrawn.

*XI.* If a consumer availing H.T. supply under industrial tariff does not, for any reasons, utilise the power load for more than a calendar month, then the energy utilized in the service of lighting and non-industrial purposes shall be billed under H.T. commercial tariff.

*XII.* In urban areas, as a general rule, no low tension service will be given where the connected load per service is 75 horse power or more nor high tension service given where the connected load is less than 75 horse power. Exceptions may be made in special cases after obtaining the sanction of the Chief Distribution Engineer. In rural areas the type of service will depend upon the cost of providing the necessary lines and equipment.

*XIII.* Subject to the provisions of the Indian Electricity Act, 1910, affecting this clause, the Board does not bind itself to connect any installation unless the guaranteed annual revenue is sufficient to cover the cost of service and the supply of electrical energy.

*Note.*—The above tariffs are subject to revision or levy of any surcharge as may be decided by the Board from time to time.

#### TARIFF—LOW TENSION SUPPLY—PART II.

*I. (a) Domestic purposes.*—For lights and fans including radio, i.e., for those who do not come under Domestic Bulk Supply Tariff—

First 50 units per month—35 paise per unit.

All in excess of 50 units per month—30 paise per unit.

Minimum Rs. 3 per month per service.

*Note.*—(i) For cases with combined load of domestic and commercial L.T. Tariff II for general purposes will be applied for the entire consumption.

(ii) Small Power appliances may be connected to the above lighting circuit but such total power load should be less than 1,000 watts unless metered separately.

*I. (b) Domestic Bulk Supply.*—Lighting, fans, refrigerator cookers and similar domestic appliances on a combined circuit where the connected and utilized load in electrical equipment (other than lights, radios and fans) is not less than 1,000 watts—

(a) Fixed monthly charges per service Rs. 20 for the first 2 K.W. of connected load in lights, fans and radios and Rs. 10 for each additional K.W. or part thereof.

#### PLUS.

(b) Energy charge at 17 paise per unit per month.

In no case will the overall unit rate be higher than 35 paise per unit per month with out prejudice to the fixed monthly charges.

This tariff is applicable to bona fide domestic consumers only.

*II. General purposes.*—Lighting or combined installation of lights and fans applicable to non-domestic consumers, i.e., commercial premises, and industrial lighting, etc.

First 500 units per month—45 paise per unit.

All in excess of 500 units per month—40 paise per unit.

Minimum Rs. 5 per service.

NOTE.—Small power appliances/Motor may be connected to the lighting circuit but such total power load should not exceed 3 h.p. unless metered separately.

*III. Public Lighting.*—Will be notified separately.

*IV. (a) Power Loads.*—For supply to low tension power consumers—For the entire consumption per month—18 paise per unit. Monthly minimum of Rs. 5 per h.p. (or equivalent) 746 watts of contracted load. Fractions of a h.p. (or equivalent) will be reckoned as one h.p. for the levy of monthly minimum charge.

NOTE.—For supply to welding sets—This rate will be increased by 20 per cent.

*IV. (b) Factory Lighting for consumers under Tariff IV (a).*—Lighting to be on a separate circuit and metered and charged for under Tariff II with minimum applicable to that Tariff.

Where lamps (ordinary filament) are connected to the power circuit for use in factory yard only, a flat rate of Rs. 2 per month per 40 W. Lamp will be charged. Larger lamps in proportion.

When fluorescent or mercury vapour lamps are connected to the power circuit, the rate shall be increased as below :—

- (i) Fluorescent Lamps (or 50 per cent over the rates Mercury Vapour lamp) for ordinary lamps. with choke condenser.
- (ii) Fluorescent lamps (or 100 per cent over the rate Mercury Vapour lamp) for ordinary lamps. either with choke or resistances alone without connecting equipment.

NOTE.—(i) The lamps and connected equipments shall in all cases be installed by the consumer at his cost.

(ii) Except lamps used for indicating pilot or similar purposes no lighting, fan or radios will be allowed in L. T. services under IV (a). The wattage in these cases will be limited to 15 watts.

*V. Combined lighting and power loads.*—For mixed loads of lighting fans, heating and power where the connected load for lighting and fans is less than 50 per cent of the total connected load—33 paise per unit for entire consumption.

Monthly minimum Rs. 75 per service.

*VI. (i) Agricultural services.*—For supply to bonafide agricultural services with a connected load of not less than 3 h.p. per service—

12 paise per unit.

Annual minimum Rs. 20 per h.p. contracted.

(ii) The annual minimum may be waived proportionate to the number of days in which the consumer is unable to use power owing to scarcity of water on the wells due to exceptional draught. The waiver of the minimum is subject to the condition that the consumer sends due intimation in writing to the Electricity Board as soon as the well becomes dry and the act is confirmed by an officer of the rank not lower than that of an Assistant Engineer. If any consumption of energy is recorded in the meter during the above periods, such consumption shall be charged at L.T. Tariff II.

(iii) The agricultural consumers will be permitted lighting up to 50 watts per 1,000 watts of motive power connected subject to a maximum of 150 watts inclusive of wattage of pilot lamps each of which should not exceed 15 watts and will not more than 3 lamps (excluding pilot lamps) for lighting the farm or the field around the pump-sets. Energy used for radios and other appliances including domestic lighting on farm houses shall be metered separately and charged for at the appropriate Tariff.

(iv) In the case of permissible lighting load connected to the unmetered phase in agricultural services Rs. 2.00 per month per 40 watts lamps (ordinary lamp) will be charged.

(v) Extra lighting on agricultural services over the permissible limit will be charged for either if separately metered as per L.T. Tariff II, or if not separately metered on a flat of Rs. 2.00 per 40 watts lamp (ordinary). Larger lamps in proportion. If Fluorescent/Mercury Vapour lamps are connected the rates will be enhanced as laid down under L.T. Tariff IV (b).

(vi) The agricultural tariff is applicable to bonafide small cottage industries having connected horse power not exceeding 5. This limit may however be relaxed by the Chief Engineer for Electricity under special conditions.

*VII. Bazaar Lamps.*—Rs. 2.55 per calendar month per 40 watts lamp burning 5 hours daily. Lamps of larger capacity in proportion.

Monthly payment in advance and no agreement or deposit is required. Where bills are not paid on the first of the month following that in which they are issued, the service will be disconnected.

The above tariff will be applicable to the existing consumers only. No new services will be given under this.

NOTE.—(i) On conversion of a flat rate service to a metered one, the consumer shall be charged only the depreciated cost of materials, depreciation being reckoned at 5 per cent per year.

In the case of flat rate tariffs the Board may at its discretion instal meters to check consumption. Energy consumed in excess of that computed under the Tariff will be charged prorate. No refund will however be made if the recorded consumption is less than the maximum permitted by the tariff. No meter rent will be charged in such cases.

The above tariffs are subject to revision or levy of any surcharge that may be decided by the Board from time to time.

### PART III.

*Terms and conditions for temporary service connection.*

Temporary service connection will be given on the following terms :—

*Service connection charges.*—Charges will be levied as for permanent service connections. The consumers shall however be given a refund of the depreciated value of the materials retrieved from the temporary service connection less dismantling charges plus 15 per cent thereon for office expenses. But the consumers will have to bear the entire cost of the service line from the distributing main of the Board.

(ii) *Meter rent.*—Meter rent will be charged at Re. 1.25 for each single phase meter and Rs. 4 for each polyphase meter for the period specified in clause (iii) below or part thereof.

(iii) The maximum period is ordinarily 30 days.



(iv) *The tariff applicable and minimum will be as follows:—*

	<i>Tariff (without minimum).</i>	<i>Minimum</i>
(a) Lighting or combined installation of lights and fans.	L.T. Tariff I (a) and II.	Rs. 30 per service.
(b) Motive power heating; etc. and Agricultural.	L.T. Tariff IV (a) and VI.	Rs. 24 per h.p. connected for the first 30 days and Rs. 6 per h.p. connected for each of the next 15 days or part thereof.
(c) Mixed load of lights and power.	L.T. Tariff V.	Rs. 144 per service for the first 30 days and Rs. 72 for each of the next of 15 days or part thereof.
(d) Exhibition	First 10,000 units at L.T. Tariff II. All in excess at 20 Paise per unit.	Minimum Rs. 720 per service for the first 30 days and Rs. 360 for each the next 15 days or part thereof.

(v) A security deposit shall be calculated at six hours a day for the maximum connected load for the declared period of the temporary connection. This deposit together with the service line charges and the meter rent shall be paid in advance of erection of the service line.

(vi) Temporary supply may be extended at the discretion of the Superintending Engineers of power systems for additional period of 15 days each but subject to a maximum period of one year in each case, provided that for each such period a meter rent of Rs. 1.25 or Rs. 4.00 as the case may be is paid and a minimum bill of Rs. 15 under Tariff I (a) and II, Rs. 6 per h. p. connected under Tariff IV (a) and VI and Rs. 72 under Tariff VI is guaranteed. For longer periods, the approval of higher authorities should be sought for. The builders of energy for each such period shall be as per the rates detailed for the respective permanent services even though each such period is less than a month.

NOTES.—(i) In the case of temporary supply to touring cinemas and exhibitions the deposit in respect of service line charges will be limited to the cost of irretrievable materials labour for erection and dismantling, centage charges and 10 per cent of the cost of the retrievable items.

(ii) The depreciation shall be normally recovered at 10 per cent on the cost of retrieved materials irrespective of the period. However in case of temporary services of large magnitude requiring H.T. supply and involving erection of transformers and cables for extension of mains, the depreciation on the cost of retrieved materials shall be levied at one per cent per month or at 10 per cent for the whole period whichever is less.

#### PART IV.

##### *Miscellaneous Charges and General Conditions.*

1. *Service connections.*—For connecting up an installation the Board shall be entitled to charge the consumer the actual cost of materials and labour involved plus 15 per cent. The consumer will be required to pay for all the service line laid upon the consumer's property and for that length placed beyond 30.48 metres (100 feet) from the distributing main of the Board although not on that property.

Extension to service lines or improvements and alteration to service lines to meet the increased maximum demand will be charged on the same basis. In each case, the consumer will be furnished with an estimate of the cost of work and this amount is payable in advance. On completion of the work, a bill for the actual amount payable will be forwarded to the consumer and any difference must be paid or refunded as the case may be.

2. *Meter charges.*—(a) Wire of meter where it is the property of the Board.

Single phase meter—Rs. 1 per meter per month.

Polyphase meter—Rs. 2.50 per meter per month.

Demand or Special type meter—Rs. 12 per meter per month.

Time switches—Rs. 5 per month.

NOTE.—For the first month of service connection the meter rent will be proportionate to the number of days in the month for which the current is supplied. For the month in which the meter is removed on or after disconnection of a service and/or installed after reconnection, the meter rent will be proportionate to the number of days in the month during which the meter remains in the premises of the consumer. Such proportionate charges will be rounded to the nearest paise. In respect of L.T. consumers the meter rent will be charged for the full month irrespective of the number of days in the month the meter is in the premises of the consumer.

(b) *Changing or moving a meter board.*—Actual cost plus 15 per cent.

(c) For changing meter permanently or installing additional meter at the request of the consumer where it is not necessitated by increase in consumption and demand Rs. 6.

(d) For testing a meter if it should be proved to be correct within the limits laid down by the rules:—

Single phase meter—Rs. 12.

Polyphase meter up to and within 50 amps—Rs. 24.

Above 50 amp.—Rs. 36.

Demand or special type—Rs. 108.

Time switch—Rs. 12.

(e) When the seal of a meter installed in a consumer's premises is found on inspection to be missing or tampered with, the meter will be tested by the Board and if found to be incorrect will be changed by the board and a charge of Rs. 6 will be made for the changing.

(f) For replacement of meter card if lost or damaged a fee of 30 Paise (Thirty paise) will be levied. Provided, however, where the space in the cards are used up, replacement will be free of cost.

3. *Testing installations.*—The first test and inspection will be carried out free of charge but should any further test or inspection be necessitated by faults in the installation or by noncompliance with conditions of supply per extra test required (payable in advance) Rs. 12.

#### 4. *Reconnection charges.*

(a) up to 75 K.W. of connected load—

At cut outs—Rs. 6.

At overhead mains—Rs. 12.

At underground mains—Rs. 36.

(b) Over 75 K. W. the above charges will be doubled.

(c) If the same consumer is reconnected within twelve months from the date of last reconnection, 50 per cent will be added to the foregoing charges.

(d) *Flat rate service.*—(i) In the case of a consumer requiring temporary disconnection the reconnection fee payable for effecting disconnection and reconnection is Rs. 3.75.

(ii) For disconnecting and reconnecting a defaulter the fee payable is the amount that would, but for the disconnection, have been due from the date of disconnection to the date of reconnection subject to a maximum of Rs. 6 and minimum of Rs. 3.75.

**5. Replacing consumer's fuses of 400 Volts or less—**

Up to 25 Amps—Re. 1 each.

25 to 100 Amps—Rs. 1.25 each.

The charge is per call irrespective of the number of fuses renewed including unnecessary calls.

*General conditions.*

1. The standard tariffs are applicable only in cases where the installation is located reasonably near the power lines and feeder.

2. Unless otherwise agreed to all rates for power supply apply to one point of supply only.

3. Total of bills for current consumption and other miscellaneous charges, etc., shall be rounded off to the nearest five paise, two paise and below in the integer in total will be eliminated and bills containing more than two paise will be rounded off to the next nearest five paise.

4. All H.T. bills including those on account of Miscellaneous charges are to be paid within 30 days from the date of issue. All L.T. bills should be paid on or before the 14th of the succeeding month of the issue or on or before the date specified in the bills as the case may be. Bills not paid as indicated above will be subject to a surcharge of one per cent per month. The surcharge will be levied on all belated payment bills to the nearest paise subject to a minimum of 25 paise. In respect of L.T. Bills, belated payment surcharge for the first 30 days or part thereof will be charged as for one full month, in respect of the number of days involved. For the subsequent period beyond the first 30 days also, the belated payment surcharge will be levied on full monthly basis only, reckoning period of 15 days and above but not exceeding 30 days as one month less than 15 days being ignored. The minimum of 25 paise for belated payment surcharge will also apply in all such cases. Consumers are also liable to have the electrical supply disconnected after seven days notice if bills are over due for more than the permitted period.

5. If energy supplied for a specific purpose under a particular tariff is used without the Board's knowledge for a different purpose not contemplated in the contract for supply and for which higher tariff is applicable coming under misuse of energy within the meaning of the Indian Electricity Act, 1910, than the current consumption bills already rendered for the services shall be revised charging the appropriate higher tariff for the previous six months from the date of detection of misuse unless there are convincing reasons for adopting different period. The imposition of this higher rate will not relieve the consumer from any penalties imposed by law.

6. The tariffs are subject to revision or levy of any surcharge as may be decided by the Board from time to time.

**TAMIL NADU ELECTRICITY BOARD**

**AMENDMENT TO TENDER NOTICE No. P 22—30  
TONNES TRACTORS AND TRAILERS.**

The due time and date for receipt of tenders against the above have been extended from 12 noon on 17—1—1972 to 12 noon on 17—2—1972. The tenders will be opened at 3 p.m. on 17—2—1972.

No. 43-A.

*Superintending Engineer,  
Purchase and Stores.*

**DIRECTORATE OF TECHNICAL EDUCATION,  
(CONSTRUCTION WING), GUINDY,  
MADRAS-25.**

**CONSTRUCTION OF BUILDINGS FOR JUNIOR  
TECHNICAL SCHOOL AT MADURAI.**

For and on behalf of the Governor of Tamil Nadu SEALED TENDERS will be received by the Director of Technical Education, Madras-25, in the above office from contractors of appropriate classes II and above registered for taking up works in the Technical Education Divisions, for the above work up to 3.00 p.m. on 7—2—1972. The tenders will be opened by the Director of Technical Education, Madras-25, in the above office in the presence of those tenderers who choose to be present at 3.30 p.m. on the same day.

Form of Agreement :—Lump-sum.

Earnest Money Deposit :—Rs. 5,375.

Cost of tender documents with plans :—Rs. 20.00 Plus S.T.

Period of completion :—Eight months.

Tender documents will be available in the above office during office hours, from 27—1—1972 to 5—2—1972.

The cost of tender documents (which will under no circumstances be refunded) should be remitted into the Treasury or Reserve Bank of India under the head "P.W. Remittances—III. Other remittances" to the credit of the Executive Engineer, Regional Engineering College Division, Trichyappalli. The sales tax should be remitted under a separate chalan in to the Treasury or Reserve Bank of India under the head "XII Sales Tax—(b) Receipts under State Sales Tax Act—General Sales Tax". The tender documents will be issued only after producing the chalans. Tender documents will not be issued to contractors who are not registered for works in the appropriate classes in the Construction Wing of the Directorate of Technical Education, Madras.

Earnest money deposit will be accepted in the shape of chalans and deposit-at-call receipts of scheduled banks. Government Promissory Notes, State Electricity Board Bonds and National Savings Certificates will also be accepted towards Earnest Money Deposit at 5 per cent below the market value or at the face value whichever is less. Bank Guarantee from any of Nationalised Banks alone will also be accepted towards Earnest Money Deposit. No other mode of payment will be accepted.

Intending tenderers should have at least three years experience in the construction of major building works in the appropriate classes. The Director of Technical Education, Madras-25, reserves the right to reject any or all the tenders without assigning any reasons therefor.

## TENDER NOTICE.

Sealed Tenders are invited from the Registered Transport Contractors to reach the undersigned up to 3-00 p.m. on 22nd February 1972 for loading, transporting and unloading wirecut bricks of 9" x 4½" x 3" and other sizes per day from the Mechanised Brick Plant, Thirumazhisai near Poonamallee to the consumers in Madras City and other places. The tender documents may be had from the Office of the Director of Industries and Commerce, Chepauk Madras-5 on any working day on production of original chahans for Rs. 2-00 towards the cost of Tender documents and Re. 0-06 towards Sales Tax. The cost of tender documents should be remitted into the Reserve Bank of India/Treasury under the following head of Accounts.

Rs. 2-00—"XXIX Industries (a) Industries—11. Mechanised Brick Plant".

Re. 0-06—"XII. Sales Tax M.G.S.T.".

*Director of Industries and  
Commerce, Chepauk, Madras-5.*

## TENDER NOTICE.

For and on behalf of Tamil Nadu Electricity Board Tenders in sealed covers with the superscriptions "Quotations for printing and supply of 41 kinds of Tamil Nadu Electricity Board Books and forms" are invited by the undersigned up to 3-00 p.m. on 23rd February 1972.

Copies of the specifications can be had on or after 2nd February 1972 from the office on application and on payment of Rs. 2 (Rs. two only) including S.T. either by cash or M.O.

Tenders received in this office after the due date and hour will not be considered. The undersigned reserves the right to split up or reject all or any item without assigning any reasons therefor.

The Board will not be responsible for any loss of Tender during transit if sent by post.

*Superintending Engineer,  
South Arcot Electricity System, Villupuram.*

## PALLAVA TRANSPORT CORPORATION LTD.

### TENDER NOTICE.

For and on behalf of the Chairman, Pallava Transport Corporation sealed Tenders are invited to reach the Executive Engineer (C), Pallava Transport Corporation, Ltd., Anna Salai, Madras-2 not later than 3-00 p.m. on 15th February 1972 for the following Stall at T. Nagar Bus Stand.

Stall No. 3—T. Nagar Bus Stand—Business to be carried out "GENERAL MERCHANTS" like Biscuits, Fruit Tins, Malt Tins, Ice Cream, other than Coffee and Tea.

The terms and conditions can be obtained from the Executive Engineer (C), Pallava Transport Corporation, Ltd., Madras-2 on all working days on payment of Rs. 1-04 P. Tenders will be opened on the same day 15th February 1972 at 3-15 p.m. The amount will not be refunded under any circumstances.

*Managing Director.*

## CHIT TENDER NOTICE.

For and on behalf of the Tamil Nadu Water Supply and Drainage Board, sealed tenders in the proper departmental form superscribing the name of work on the cover will be received by the Superintending Engineer (P.H.E.) at his office at No. 17, P. T. Rajan Road, Madurai-2 up to 3-00 p.m. as per his office clock on 25th February 1972 Friday and they will be opened on the same day at 3-30 p.m. Form of contract is Lump sum.

Name of work—Pallapatty Water Supply Scheme—II Stage—Headworks Laying a Filter Basin—E.M.D. Rs. 2,325.

The work is to be completed in six months and the cost of tender documents is Rs. 10-35 including sales tax. E.M.D. amount has to be deposited along with the tender, only in the shape of a treasury chalan or Demand Draft, or Bank Guarantee from any nationalised Bank payable on par to the credit of the Executive Engineer, Public Health Engineering, Division, Tiruchirappalli-3.

Tender documents can be had from the Executive Engineer, Public Health Engineering Division, B-15, Thillainagar Main Road, Tiruchirappalli-3 (up to 5-00 p.m. on 21st February 1972 Monday).

*Superintending Engineer (Public Health  
Engineering), Madurai-2.*

## CHIT TENDER NOTICE.

For and on behalf of the Tamil Nadu Water Supply and Drainage Board, sealed tenders in the proper departmental form, superscribing the name of work on the cover will be received by the Superintending Engineer (PHE) at his office at No. 17, P. T. Rajan Road, Madurai-2 up to 3 p.m. as per his office clock on 23rd February 1972 Wednesday and they will be opened on the same day at 3-30 p.m. The work is to be executed within six months on Lump Sum contract basis.

Name of work.—Punjai Pugalur W.S.S.—III Stage—Headworks and booster station—Supply, delivery and erection of pump sets—E.M.D. Rs. 1,875.

E.M.D. amount has to be deposited along with the tender, only in the shape of a treasury chalan or Demand Draft or Bank Guarantee from any nationalised Bank payable on par to the credit of the Executive Engineer (PHE) Division, B-15, Thillainagar Main Road, Trichy-3.

Tender documents can be had at a cost of Rs. 15-56 (non-refundable) from the Executive Engineer (PHE) Division, B-15, Thillainagar Main Road, Trichy-3 up to 5 p.m. on 21st February 1972 Monday.

*Superintending Engineer (PHE),  
Madurai-2.*

### Notification.

Sealed tenders are invited for the period from 1st March 1972 to 30th June 1972 for the requirements of Drugs for the use of the Government Medical Institutions in Salem District. The last date fixed for the receipt of tenders is 10-00 a.m. on 15th February 1972. Those who are willing to supply the drugs may obtain the tender forms, conditions, etc. from the Superintendent, Government Headquarters Hospital, Salem on payment of Rs. 5-20 (Rupees Five and Paise Twenty only) (inclusive of Sales Tax) remitted under "XXIII. Medical I. Director of Health Services and Family Planning G. Miscellaneous" in a single chalan and produced with a requisition. In the chalan the cost of tender form Rs. 5 and the Sales Tax and Surcharge Re. 0-20 paise should be shown separately. Further particulars if any required may be obtained from the Superintendent, Government Headquarters Hospital, Salem. "The Tenderer should not enter into any correspondence concerning the tender once the tender has been submitted by him".

*District Medical Officer, Salem  
and Superintendent, Government  
Headquarters Hospital, Salem.*

## **AUCTION.**

Condemned Police Lorry MDR 3725 (Bed-Ford-1961-Petrol Driven-H.V.M.) will be sold in Public auction at the Ramnad Armed Reserve Ground at Madurai on 22nd February 1972 at 10-00 hours. For further particulars in the matter, the Deputy Superintendent of Police, Armed Reserve, Ramana-thapuram at Madurai, may be contacted.

No. 28-A

*Superintendent of Police.  
Ramanathapuram at Madurai.*

## **GOVERNMENT OF TAMIL NADU.**

### **PUBLIC WORKS DEPARTMENT.**

#### *Chit Tender Notice.*

(1) Construction of *Left Side Portion* of regulator for Chinnar Reservoir across River Chinnar in Denkanikottah Taluk, Dharmapuri District. E.M.D. Rs. 1,000.

(2) Construction of *Central Portion* of regulator for Chinnar Reservoir across River Chinnar in Denkanikottah Taluk, Dharmapuri District. E.M.D. Rs. 10,000.]

(3) Construction of *Right Side Portion* of regulator for Chinnar Reservoir across River Chinnar in Denkanikottah Taluk, Dharmapuri District. E.M.D. Rs. 7,000.

For and on behalf of Governor of Tamil Nadu sealed tenders will be received by the Superintending Engineer, Public Works Department, Salem-Dharmapuri Circle, Salem-4 for the above work upto 3.00 p.m. on 28th February 1972.

Tenders will be opened at 3-15 p.m. on the same day in the presence of those tenderers who choose to be present at the time of opening of the tender.

1. Form of Agreement—K-2 for each work.

2. Earnest money deposit (will be accepted in the shape of chalan or National Savings Certificates or Deposit at Call Receipts of Schedule Banks or Demand Drafts of scheduled banks or State Government securities or by Madras State Electricity Board Bonds.)

3. Cost of tender documents Rs. 20 for each work is (to be remitted into the Treasury or Reserve Bank of India, under the head "P.W. Remittances-III. Other Remittances" to the Credits of the Executive Engineer, Division.

4. Sales Tax 70 paise for each set is [to be remitted under the head "XII-Sales Tax (d) Miscellaneous."].

5. Tender documents will be available for sale at the Office of the Superintending Engineer, Public Works Department, Salem-Dharmapuri Circle, Salem-4, from 7th February 1972 to 25th February 1972.

(State Government securities and Madras State Electricity Board Bonds will be accepted at 25 per cent below face value.)

Deposits at Call receipts and Fixed Deposits receipts will be accepted as Earnest money deposit subject to realisation deciding the tenders.

No. 30 *Superintending Engineer, P.W.D.,  
Salem-Dharmapuri Circle, Salem.*

## **MADURAI HOUSING UNIT.**

(Of Tamil Nadu Housing Board.)

### **TENDER NOTICE.**

Sealed tenders in separate covers with the name of the work and the name of the tenderer duly superscribed are invited for the following work so as to reach the undersigned not later than 3 p.m. on 28th February 1972.

Tender schedule, etc., can be had from the Unit office on any work day between 11 a.m. and 3 p.m. from 15th February 1972 to 25th February 1972 on payment of Rs. 15+3.68 per cent Sales-tax only (Rs. Fifteen and Sales tax 3.68 per cent).

### *Description of Work.*

Construction of, 2 Blocks of 3 roomed 4 storeyed M.I.G. blocks as per T.D. No. 124/70 at Tallakulam East Neighbourhood Scheme, Madurai. Approximate value of work Rs. 3,20,000, E.M.D. Rs. 5,000.

Tender will be opened on the same day at 3-30 p.m. on 28th February 1972 by the Executive Engineer and Administration Officer, in the presence of the present contractors or their agents.

No. 29

*Executive Engineer and  
Administrative Officer.*

## **TAMIL NADU INDUSTRIAL DEVELOPMENT CORPORATION LIMITED.**

(A Government of Tamil Nadu Undertaking).

Registered Office.—150-A, Mount Road, P. Bag. No. 5205, Madras-2.

Sealed tenders will be received by the Group Materials Manager at the Corporation Office upto 3-00 p.m. on 2nd March 1972 for the supply of 50,000 tonnes of mild steel scrap per annum to Continue Steel Casting Plant, Arkonam.

The tenders will be opened by the Group Materials Manager or by his Authorised Officer at 3-30 p.m. on the same day in the presence of those tenderers who may be present.

Tender documents can be had from the Corporation's Office from 1st February 1972 on payment of Rs. 105 per cent (non-refundable).

*Group Materials Manager.*

No. 87A.

## **CHIT TENDER NOTICE.**

Name of work.—Providing pile foundation for the proposed 100 bedded block in Government Stanley Hospital, Madras.

For and on behalf of the Governor of Tamil Nadu sealed tenders will be received from the registered contractors of appropriate class of P.W.D. and/or other Government Departments by the Superintending Engineer, Madras-Chingleput Circle, Chepauk, Madras-5, for the above work up to 3 p.m. on 24th February 1972.

The tenders will be opened by the Superintending Engineer, P.W.D., Madras-Chingleput Circle, Madras-5, in the presence of those tenderers who choose to be present at 3-15 p.m. on the same day. Form of contract is L.S. and the work should be completed in three months. E.M.D. is Rs. 3,000.

The cost of tender documents, viz., Rs. 20 plus sales tax at 3½ per cent (non-refundable) should be remitted into the Treasury or Reserve Bank of India, under the head P.W.D. Remittances III other Remittances to the credit of the Executive Engineer, P.W.D. Buildings Division No. II, Chepauk, Madras-5. The sales tax should be remitted under the separate head "XII sales tax b. receipt under State Sales Tax Act-General Sales Tax". The tender documents will be issued only after producing the chalan. Tender documents will be available for sale from 16th February 1972 to 23rd February 1972 at the Superintending Engineer, P.W.D., Madras-Chingleput Circle, Madras-5, who reserves to himself the right to reject any or all the tenders.

Other particulars can be had from the Office of the Superintending Engineer, Madras-Chingleput Circle, Chepauk, Madras-5, during office hours on any working day.

No.

*Superintending Engineer, P.W.D.*



## CHIT TENDER NOTICE.

For and on behalf of the Tamil Nadu Water Supply and Drainage Board, sealed tenders in the proper departmental form, superscribing the name of work on the cover will be received by the Superintending Engineer (PHE) at his office at No. 17, P.T. Rajan Road, Madurai-2, up to 3 p.m. as per his office clock on 23rd February 1972 Wednesday and they will be opened on the same day at 3-30 p.m. The work is to be executed within six months on lump-sum contract basis.

**Name of work.**—Combined Water Supply Scheme for Kali-mangalam, Kunnathur and Varichiyur Villages—I Stage—Laying and jointing of C.I. Pipes and Specials for pumping Main.—E.M.D. Rs. 1,020.

E.M.D. amount has to be deposited along with the tender, only in the shape of a treasury chalan or Demand Draft or Bank Guarantee from any nationalised Bank payable on par to the credit of the Executive Engineer, Public Health Engineering Division, Madurai-2.

Tender documents can be had at a cost of Rs. 5.18 (non-refundable) from the Executive Engineer, P.H.E. Division, 14, Ramamoorthy Street, Madurai-2, up to 5 p.m. on 19th February 1972 Saturday.

*Superintending Engineer (PHE),  
Madurai-2.*

No.

## TENDER NOTICE.

For and on behalf of Tamil Nadu Slum Clearance Board sealed tenders with the name of work and tenderer duly supercribed on the cover for the following work are invited from the registered contractors of Slum Clearance Board by the Executive Engineer, Slum Clearance Board, Division VI, Madras-28, up to 3 p.m. on 15th February 1972. Tenders received will be opened by the Executive Engineer, Division VI, at 3-05 p.m. on the same day in the presence of tenderers or their authorised agents who choose to be present. All works are to be executed on lump sum contract basis. E.M.D. for each work from No. 1 to 4 is Rs. 5,100 and for each work of items No. 5 to 8 Rs. 7,100.

Serial number and name of work.	Batch and Block number.	Approximate value of work.
(RUPEES IN LAKHS.)		
1 Construction of Four storeyed slum tenements at Srinivasapuram in Foreshore Estate. Two Blocks of 24 in 1.	VII 13 & 15	3-4
2 Construction of Four storeyed slum tenements at Srinivasapuram in Foreshore Estate. Two Blocks of 24 in 1.	VIII 17 & 19	3-4
3 Construction of Four storeyed slum tenements at Srinivasapuram in Foreshore Estate. Two Blocks of 24 in 1.	IX 21 & 23	3-4
4 Construction of Four storeyed slum tenements at Srinivasapuram in Foreshore Estate. Two Blocks of 24 in 1.	X 25 & 27	3-4
5 Construction of Four storeyed slum tenements at Srinivasapuram in Foreshore Estate. Two Blocks of 32 in 1.	XI 29 & 30	4-7
6 Construction of Four storeyed slum tenements at Srinivasapuram in Foreshore Estate. Two Blocks of 32 in 1.	XII 31 & 32	4-7

7 Construction of Four storeyed slum tenements at Srinivasapuram in Foreshore Estate. Ten Blocks of 32 in 1. 4-7

8 Construction of Four storeyed slum tenements at Srinivasapuram in Foreshore Estate. Two Blocks of 32 in 1. 4-7

The tender documents can be had from the Office of the Executive Engineer, Slum Clearance Board, Division VI on all working day between 11-00 a.m. to 3-00 p.m. from 2nd February 1972 to 14th February 1972 on production of chalan towards the cost of tender schedule plus sales tax, viz. Rs. 15 plus Surcharge per set of each work.

Tenders shall be submitted only in the prescribed form supplied by the department. The department will not be responsible for any delay or loss in transit.

Right is reserved to reject one or all the tenders received without assigning any reason therefor.

*Executive Engineer, Division VI.*

No.

## CHIT TENDER NOTICE.

For and on behalf of Governor of Tamil Nadu sealed tenders will be received by the Superintending Engineer, Pambam Circle, at the Thirumanur Special Divisional Engineer's office at Thanjavur up to 3-30 p.m. on 4th February 1972 for the work noted below, for which tenders were already invited and postponed.

Constructing a Bridge at KM 26/0 (M 16/2-3 of Muthupet Mimisal Road)—E.M.D. Rs. 11,300.

Tenders will be opened on the same date at 3-35 p.m. by the Superintending Engineer (H) Pambam Circle at the Office of the Divisional Engineer (H) Special Thirumanur Bridge Division Thanjavur.

Particulars of tender condition schedules, forms and plans can be obtained from the Office of the Special Divisional Engineer Thirumanur Bridge Works, Thanjavur. The tender schedules and conditions already sold will also be valid for this tender.

The schedules can be had on requisition in writing and on payment of Rs. 20-60 (including sales tax) on all working days from 24th January to 3rd February 1972 during Office hours. This amount will not be refunded under any circumstances.

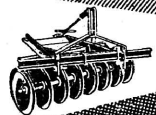
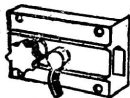
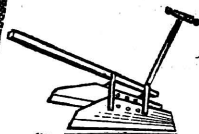
The Earnest money deposit amount noted against the work should be remitted into any of the Government Treasury within the jurisdiction of the Special Divisional Engineer (H), Thirumanur Bridge Works, Thanjavur under the Revenue Deposit to the credit of the Special Divisional Engineer (H), Thirumanur Bridge Works, Thanjavur and the receipted chalan should attached with the Tender.

If the Earnest money deposit amount is furnished in the form of BANK guarantee obtained from scheduled Banks the guarantee should be accompanied by the Reserve Bank of India concurrence.

Tender based on alternate design will not be considered.

Tenders received without the Earnest money deposit will not be considered.

No. *Superintending Engineer (H).*



# TANSI'S

## *Contribution to the Country's Progress*

### TAMIL NADU SMALL INDUSTRIES CORPORATION LTD.

with its net work of well equipped Modern  
Workshops contribute substantially for the  
progress of the Industry and the Nation.  
The fields of activities at a glance.

#### INDUSTRY

- DESIGN AND MANUFACTURE OF DIES, JIGS AND FIXTURES
- PRESSURE DIE CAST COMPONENTS
- STEEL AND BRASS FORGED COMPONENTS
- SUPER ENAMEL WIRE AND D.C.C. WIRE
- STRUCTURAL FABRICATIONS
- QUALITY C.I. CASTINGS
- RADIAL AND PILLAR DRILLING MACHINES
- GRADED QUARTZ POWDER
- ELECTRICAL INSULATORS
- SCIENTIFIC GLASS APPARATUS.

#### EXPORTS

- PLAIN FINISHED LEATHER IN DIFFERENT SHADES
- WET BLUE CHROME LEATHER
- STRUCTURAL AND TRANSMISSION TOWERS.

#### AGRICULTURE.

- IMPROVED AGRICULTURAL IMPLEMENTS
- PLANT PROTECTION EQUIPMENTS
- TILLERS AND TRACTOR TRAILERS
- PUMPSETS
- SUGAR-CANE CRUSHERS ETC
- BRIDGE TYPE FILTER POINTS.

#### UTILITY PRODUCTS

- STEEL AND WOODEN FURNITURE
- STEEL WINDOWS, VENTILATORS ETC
- HOSPITAL EQUIPMENTS
- BRASS OXIDISED DOOR FURNITURE
- LATCHES & LOCKS
- SANITARY WARE & CROCKERY
- STONEWARE PIPES
- LEATHER GOODS

*Enquiries Solicited*

THE MANAGING DIRECTOR

## TAMIL NADU SMALL INDUSTRIES CORPORATION LTD.,

(An Undertaking of the Government of Tamil Nadu)

35/2, WOODS ROAD, MADRAS.2

"TANSI" stands for Reliable Products at Reasonable Cost.

**TENDER FOR RUNNING THE NURSES COMMON MESS  
OF GOVERNMENT HOSPITAL FOR WOMEN AND  
CHILDREN, EGMORE, MADRAS-8.**

Sealed tenders for running the Nurses Common Mess of the Government Hospital for Women and Children, Egmore, Madras-8, from 1st April 1972 to 31st March 1973 will be received by the Director and Superintendent, Government Hospital for Women and Children, Egmore, Madras up to 3 p.m. on Tuesday the 15th February 1972.

Copies of tender schedule of supplies required and tender form can be had on application from the hospital. The fee towards the cost of tender form, etc., is Rs. 5 (rupees five only) and sales tax at 3 per cent and surcharge at 5 per cent of the Sales-tax which should be remitted into the Reserve Bank of India Madras or any of the branches of State Bank of India or any Government Treasury under the head of account "XIII Medical—II. Director of Medical Education—Other Receipts J. Miscellaneous" and XII—Sales—tax—Receipts under the Sales—tax Act—General Sales-tax respectively. This amount is not refundable under any circumstances.

**DIRECTOR,**  
*Government Hospital for Women  
and Children.*

No 12.

**DEPARTMENT OF INDUSTRIES AND COMMERCE.**

*Providing Comprehensive Drainage Scheme (Headworks)  
at Industrial Estate, Madhavaram.*

Sealed tenders will be received by the Superintending Engineer, Construction Branch, Industries and Commerce Department from contractors of appropriate class of Construction Branch of Industries Department and other Government Departments for the above works up to 3-00 p.m. on 18th February 1972. The tenders will be opened by the Superintending Engineer, Construction Branch, Industries Department 35/2, Woods Road, Madras-2 in the presence of those tenderers who choose to be present at 3-10 p.m. on the same day.

Form of Agreement—Lump-sum.

Earnest Money Deposit—Rs. 2,250.

Cost of tender documents with plans including sales tax on cost of tender documents—Rs. 10/40.

Period of completion—Eight months.

Tender documents will be available for sale at the office of the Executive Engineer (C), North Division, Guindy, Madras-32 during office hours from 9th February 1972.

The cost of tender documents including sales-tax on cost of tender documents of Rs. 10/40 (which will under no circumstances be refunded) should be remitted into the Treasury or Reserve Bank of India under the head "XXIX. Industries—Other Receipts" to the credit of the Executive Engineer (Construction), North Division, Guindy, Madras-32.

Earnest Money Deposit will be accepted only in the shape of chalcans, deposit at call receipt and demand drafts of scheduled banks. The demand drafts of scheduled bank furnished towards Earnest Money Deposit drawn in favour of Executive Engineer (C) North Division, Department of Industries and Commerce, Guindy Madras-32, only be accepted. State Government securities and Tamil Nadu Electricity Board Bond will be accepted at 5 percent below market value. Bank guarantee of any nationalised bank will also be accepted as E.M.D. National Savings Certificates will also be accepted only with the knowledge of the post office concerned. No other mode of payment will be accepted.

Intending tenderers should have atleast three years experience in the construction of major sanitary works.

**C. P. MATHEW,**  
*Superintending Engineer, (Construction  
Branch).*

No. 13.

**TAMIL NADU ELECTRICITY BOARD.**

**TENDER NOTICE.**

*Specification No.—*

- (A) SEG. BB. 47.
- (B) SEG. BB. 48.
- (C) SEG. BB. 49.

Sealed tenders are invited complete with all particulars and other details superscribed with the specification Nos., the due date and the name of the tenderer on the cover up to 1 p.m. on 5th February 1972 for construction of cabin and body for lorries and for purchase of condemned vehicles in "as-is-where-is condition" as specified below:—

*Specification No. SEG. BB. 47.—*

Tipper Body Building works consisting of a cabin and a Tipper body on 163" WB Leyland Comet (7.5 ton) Chassis, EMD Ri. 1,250—4 Nos.

*Specification No. SEG. BB. 48 —*

Building Cabin and Body on 109 P6—165" WB (5 ton) FARGO Chassis, EMD Rs. 250—1 Nos.—

*Specification No. SEG BB. 49—*

Purchase of condemned vehicles (EMD Rs. 500)—4 Nos.

1. Benz Tipper, 1957 Model, MDN 4167.
2. Dodge Lorry, 1946 Model, MSP 2406.
3. Benz Tipper, 1959 model, MSX 5174.
4. Benz Tipper, 1959 Model, MSX 5192.

(Rates to be quoted for each vehicle separately.)

Copies of tender sets can be had on payment of Rs. 10 (Rupees Ten only) (non-refundable) either in cash at the office of the undersigned or by Money Order addressed to the Deputy Chief Accountant (Generation), Tamil Nadu Electricity Board, Basin Bridge Power House, Madras-12, mentioning clearly the specification numbers. The tender set will be sent only by ordinary post under certificate of posting. The Board will not be responsible for loss of tender document in transit or for delay, non-delivery, etc. The tender form is non-transferable. The undersigned reserves the right to reject any or all the tenders without assigning any reasons therefor.

The Earnest Money Deposit specified against each of the specification should be remitted in cash at the office of the undersigned and cash receipt enclosed along with the tender. Tenders not accompanied by the cash receipt and those not submitted in the departmental form on or before the due date and time will be rejected. The tenders will be opened at 4 p.m. on 5th February 1972 in the presence of such of those tenderers who may be present.

*Superintending Engineer, M.E.S. (Generation),  
Basin Bridge Power House, Madras-12.*

No. 32A.

**TENDER NOTICE.**

Sealed tenders in separate covers with the name of the work and the name of the tenderer duly superscribed are invited for the following work so as to reach the undersigned not later than 3 p.m. on 28th February 1972.

Tender schedule, etc., can be had from the Unit Office on any work day between 11 a.m. and 3 p.m. from 15th to 25th February 1972 on payment of Rs. 15 plus 3/68 per cent sales tax only (Rs. fifteen and sales tax 3/68 per cent.

1. Construction of two Blocks of three roomed four storeyed M.I.G. blockssas per T.D. No.124/70 at Tallakulam East Neighbourhood Scheme, Madurai—EMD Rs. 5,000

Approximate value of work Rs. 3,20,000.

Tender will be opened on the same day at 3-30 p.m. on 28th February 1972 by the Executive Engineer and Administrative Officer, in the presence of the present contractors or their agents

No. 21

*Executive Engineer and  
Administrative Officer.*

## TAMIL NADU PUBLIC SERVICE COMMISSION.

Applications are invited upto 5 p.m. on 24th February 1972 for fourteen appointments of District Munsifs to be made by direct recruitment from practising Advocates of a High Court in India or any State Bar Council of the Indian Union and from persons in the service of the Government of India or the Government of a State in India in whose cases a period of five years has not elapsed on 4th December 1971 since their first appointment to such service.

**Pay** :—Rs. 575—25—600—40—1,000 per mensem.

**Qualifications** :—(1) Must possess not less than 3 years practice at the Bar;

(2) Must possess the B.A., B.Sc., B.Com. or Hons. degree of any University or Institution recognised by the University Grants Commission for the purpose of its grant.

**Age** :—Below 32 years on 1st July 1972. (No age limit for Members of Scheduled Castes and Scheduled Tribes and Backward Classes).

Goldsmiths affected by the Gold Control Order, their sons and unmarried daughters and Ex-N.C.C. Cadets who were employed as Under Officer Instructors or Sergeant Major Instructors on whole time basis on or after 1st January 1963 are allowed concessions in the matter of age-limit. Qualifications including age-limit relaxable in the case of persons demobilised from the Army, Navy or Air Force who will be below 40 years of age on 1st July 1972, displaced persons from East Pakistan who migrated to India on or after 1st January 1964 and repatriates from Ceylon and Burma. Particulars and Form of application may be obtained from the Secretary, Tamil Nadu Public Service Commission, Madras-2. ON REQUISITION IN WRITING SPECIFYING THE NAME OF THE POST AND ACCOMPANIED BY A SELF-ADDRESSED AND STAMPED (THIRTY-FIVE PAISE AND FIVE PAISE REFUGEE RELIEF STAMP) ENVELOPE OF AT LEAST 23 Cm. IN LENGTH SUPERSCRIBED AS 'BOOK-POST'.

No. 48A.

## TAMIL NADU ELECTRICITY BOARD.

### TENDER NOTICE.

Seal tenders superscribed "Tender for Transport of materials by lorries" are invited for the following works :—

(1) From the Pykara Central Stores, Coimbatore to all sub-stores of the system and *vice versa*.

(2) From the Pykara Electricity System, Coimbatore to other systems and circles (Central or sub-stores) and *vice versa*.

The tender schedule for the above work will be received by the undersigned in his office upto 3 p.m. on 10th February 1972. The tenders will be opened on the same day at 3-30 p.m.

The tender schedule and conditions can be had from the Stores Superintendent, Pykara Electricity System, Central Stores, Coimbatore-12 on production of Cash Receipt for having remitted a sum of Rs. 5 (Rupees Five only) (Not refundable) towards the cost of the tender documents to the Chief Accountant (Expenditure), Pykara Electricity System, Tatabad, Coimbatore-12 either in person or by Money order. The Board will not be held responsible for any delay in receipt of tender documents or any loss in transit.

Tenders not submitted in the departmental forms and on due dates will be summarily rejected. Tender documents will be sold up to 12 noon on 9th February 1972.

No. 49A. *Superintending Engineer, Pykara Electricity System, Tatabad, Coimbatore-1.*

## TAMIL NADU PUBLIC SERVICE COMMISSION.

Applications are invited up to 5 p.m. on the 18th March 1972 for 24 appointments as Assistant Surgeons in the Tamil Nadu Medical Service reserved to be filled from among persons who have served in the Defence Forces during the National Emergency.

(Persons in temporary service under the State Government should however submit their applications so as to reach the Director of Health Services and Family Planning/Director of Medical Education, Madras on or before the 2nd March 1972).

**Pay** :—Rs. 525—25—600—30—690—35—900 per mensem for degree holders. Persons who possess a recognised Post-Graduate degree qualification in any of the Medical subjects will be allowed two advance increments in the time scale of pay applicable to them.

**Age** :—Below 35 years on 1st July 1972.

**NOTE**.—Women Medical Graduates who are willing to serve in the non-clinical teaching departments in Medical Colleges and temporary Assistant Surgeons are allowed certain concessions in the matter of age.

**Qualifications** :—(i) Must be a Registered Medical Practitioner within the meaning of the Madras Medical Registration Act, 1914.

(ii) Must possess the M.B.B.S. Degree of any University or Institution recognised by the University Grants Commission for the purpose of its grant OR the D.M.&S. of the Government of Tamil Nadu or an equivalent qualification.

No age-limit for members of Scheduled Castes, Scheduled Tribes and Backward Classes who possess a general educational qualification which is higher than the minimum general educational qualification. The actual period of military duty rendered by the candidate during the National Emergency will be excluded in computing his age. Upper age limit relaxable up to 10 years in the case of physically handicapped persons. Goldsmiths affected by the Gold Control Order, their sons and unmarried daughters and Ex-N.C.C. Cadets who were employed as Under Officer Instructors or Sergeant Major Instructors on whole time basis on or after 1st January 1963 are allowed concessions in the matter of age-limit. Qualifications including age-limit relaxable in the case of displaced persons from East Pakistan who have migrated to India on or after 1st January 1964 and repatriates from Ceylon and Burma. Particulars and form of application may be obtained from the Secretary, Tamil Nadu Public Service Commission, Madras-2. ON REQUISITION IN WRITING SPECIFYING THE NAME OF THE POST AND ACCOMPANIED BY A SELF-ADDRESSED AND STAMPED (THIRTY FIVE PAISE AND FIVE PAISE REFUGEE RELIEF STAMP) ENVELOPE OF AT LEAST 23 Cm. IN LENGTH SUPERSCRIBED AS 'BOOK-POST'.

No. 46A.

## PUBLIC WORKS DEPARTMENT.

Construction of Building for Quarters for One Sub-Inspector 4 Head constable and 18 Police Constable at Thiruvaiyaru.

Tender Notice published in Tamilarasu dated 1st November 1971 and 16th November 1971.

Tender date extension Published in Tamilarasu, dated 31st December 1971.

The last date for receipt of tenders for the above work is extended upto 3-00 p.m. on 9th February 1972. The schedules will be available up to 5-00 p.m. on 8th February 1972. All other conditions remain unaltered.

No. 39A. *Superintending Engineer, P.W.D., Thanjavur Circle, Thanjavur.*



*FOR YOUR REQUIREMENTS OF :*

M.S. ROUNDS, SQUARES, FLATS,  
ANGLES, CHANNELS, R.S. JOISTS, M.S.,  
G.I., CRCA., GC SHEETS, ETC., ETC.

*Please contact :*

## AMAR INDUSTRIAL CORPORATION

69, SEMBUDOSS STREET

MADRAS-1

Phones : 23799  
&  
27587

Telex : MS 7133 AMAR

Telegram: CHOURARIA

*Head Office :*

2/13, B.V.K. Iyengar Road,  
BANGALORE-2A.

33, BRABOURNE ROAD, 510, Giriraj Sant Tukaram Road,  
CALCUTTA-1. BOMBAY-9.

**TAMIL NADU HOUSING BOARD**

**MADRAS EAST DIVISION**

Separate sealed tenders with the name of the work and tenderer duly superscribed on the cover are invited for the following works so as to reach the under-signed not later than 3-00 p.m. on the dates mentioned against each of the item. The tenders will be opened at 3-05 p.m. on the same day in the presence of tenderers who choose to be present. The approximate value of work and E.M.D. amount are noted against each item. Sale of tender documents will commence only 5 days before the last date for receipt of tender closing working hours date in each case.

*Description.*

*Last date for receipt of tenders.*

(1)

(2)

Gravelling the roads in Burma Repatriates scheme stretch I in Vyasarpadi ..	Rs. 30,000	Rs. 450.	11th February 1972.
Gravelling the roads in Burma Repatriates scheme stretch II in Vyasarpadi ..	Rs. 30,000	Rs. 450.	11th February 1972.
Gravelling the roads in Burma Repatriates Scheme Stretch III in Vyasarpadi.	Rs. 30,000	Rs. 450.	14th February 1972.
Gravelling the roads in Burma Repatriates Scheme stretch IV in Vyasarpadi ..	Rs. 30,000.	Rs. 450.	14th February 1972.
Laterite soling for 60' and 80' roads in North Madras Neighbourhood Scheme.	Rs. 80,000.	Rs. 1,200.	7th February 1972.

Tender documents and other particulars, etc., can be had on cash payment (non-refundable) Rs. 20 for item and Rs. 5 for each of other items, from the office of the under signed between 11 a.m. and 2 p.m. on all working days. The undersigned reserves the right to accept or reject any or all tenders without assigning reasons.

T. SAMUEL THAMBU,  
*Executive Engineer (East).*

N. 2.

Phone : 133

Gram : ' COOPMET '

Post Box No. 47.

**THE KUMBAKONAM CO-OPERATIVE METAL WORKS LIMITED,**  
**GANDHINAGAR, KUMBAKONAM.**

An Ex-serviceman Industrial Co-operative under the Control of  
Director of Industries and Commerce, Tamil Nadu.

Manufacturers of Steel Almirah, Steel Cot, Steel Rack,  
Wall Coffer, Cash Chest etc. Suppliers of  
Agricultural Implements and Garden Imple-  
ments. Steel Roof Trusses, Window Grills,  
Pipe Trevis, Water Tank, etc., will be  
manufactured.

**SERVICING WORK WILL BE UNDERTAKEN.**

**G. CHAKRAVARTHY,**  
*Secretary.*

**Kodavasal C. KRISHNAMURTHY,**  
*President.*

Rapid Green  
Revolution



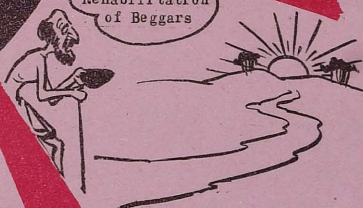
Legal  
Distribution  
of Land to  
the Poor



Slum  
Clearance



Rehabilitation  
of Beggars



Free Education  
up to P.U.C.



Welfare of  
Backward  
Classes



**CAN YOU NOT  
HELP THE  
STATE ?**



*Despite these achievements  
Rising Population Raises Problems*

**SURELY YOU CAN**

**By PLANNING YOUR FAMILY**



# This big Catch may be yours!

## BUY TAMIL NADU RAFFLE TICKETS

**Total Prize Amount:**

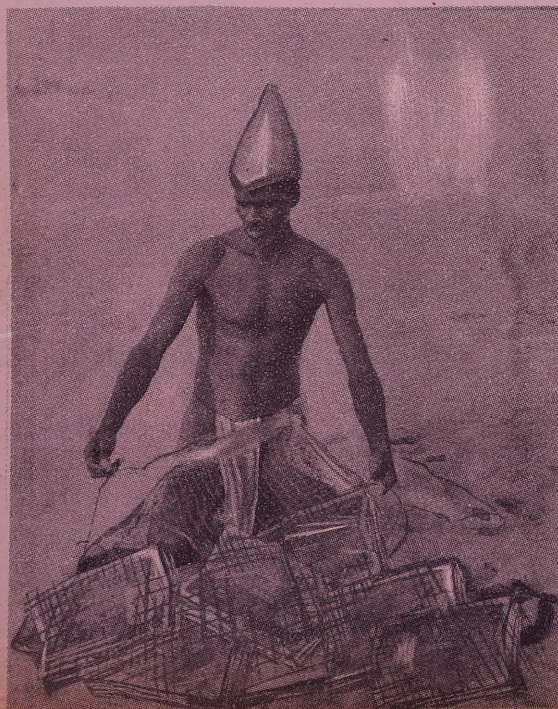
**Rs. 7,00,000 \***

**Total Prizes: 2132**

**First Prize Rs. 1,00,000**

*So far Tamil Nadu Raffle has created 271 Lakhiers!*

FOR EACH SERIES



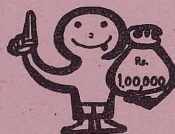
**Date of Draw:**

**25-2-1972**

**Cost Per Ticket**

**Re. 1/- only.**

ஒரே ரூபாய்



வானவர் லட்ச ரூபாய்

Issued by: Director of Information & Public Relations.

Government of Tamil Nadu, Madras-9.

All correspondence should be addressed only to the Director of Raffle, Tamil Nadu, Madras-2

\* Subject to issue of 2 series.