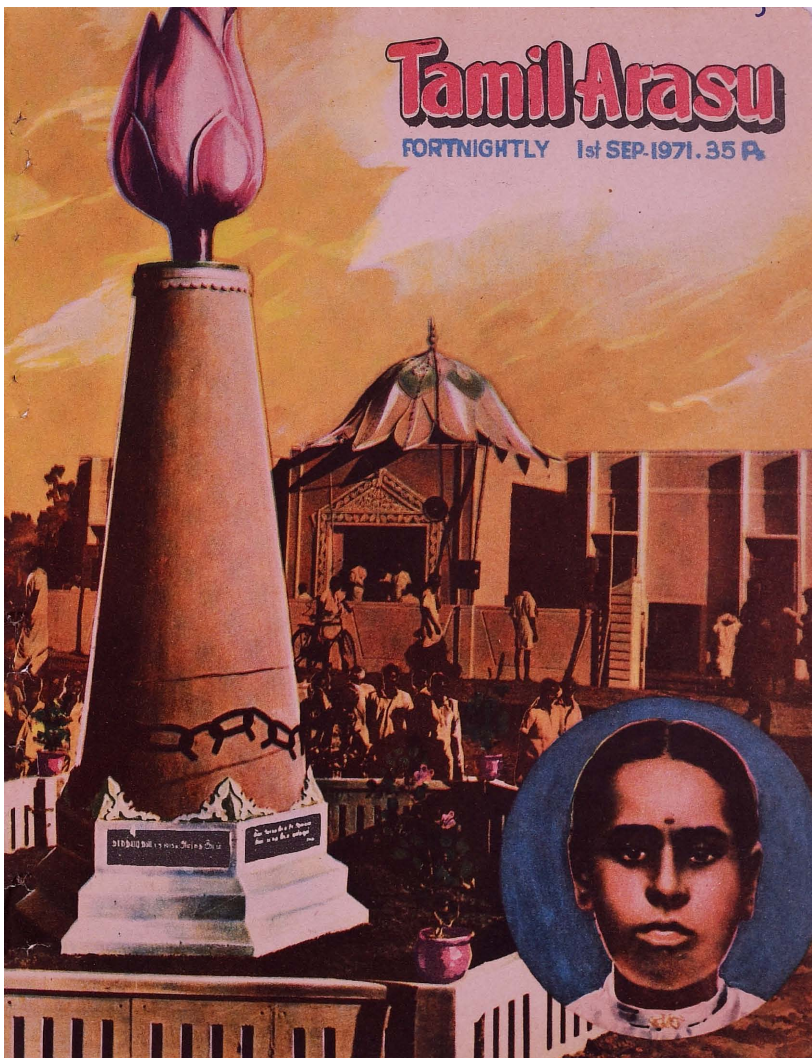


# Tamil Arasu

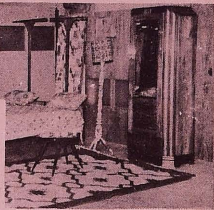
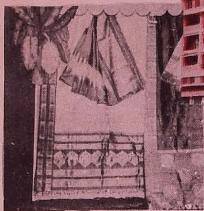
FORTNIGHTLY 1st SEP. 1971. 35 P.



All your Needs

கொள்கை

Are Available Here



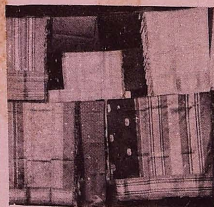
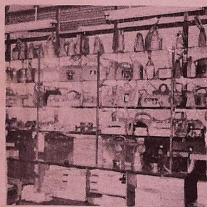
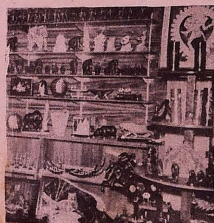
# KURALAGAM

*Madras-1.*

## KHADI-KRAFT

PHONE } 20461, 20462,  
20463, 20464, 20465.

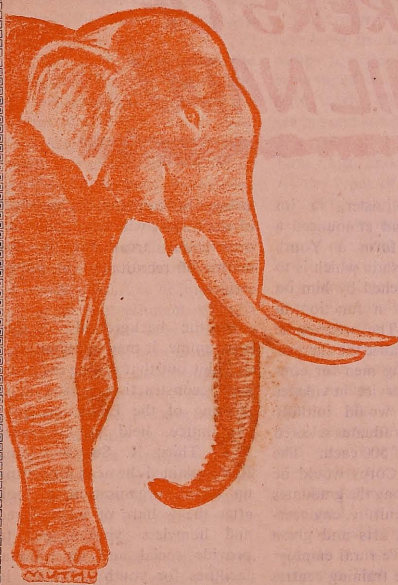
*a*  
**REPOSITORY OF**  
**HANDICRAFT**  
**ARTICLES**



MUTHU

# WILDLIFE WEEK 1971

PHOTOGRAPHIC AND PAINTING  
COMPETITION IN OCTOBER 1971



Entries of Wildlife photographic and paintings are invited to reach the State Wildlife Officer, Office of the Chief Conservator of Forests, No. 81-C, Anna Salai, Madras-6 on or before 15-9-1971. Winners will be suitably awarded and certificates issued. The size of the paintings and photographs should not exceed 15 X 12 (all other sizes will be rejected except in the case of school of Arts and Crafts.)

**P. R. MOHAMED BASHEER,**  
State Wildlife Officer, Madras-6.

# Tamil Arasu

Vol. 2 SEPTEMBER 1, 1971 No. 5

CONTENTS	Page
The Torch-Bearers of Tamil Nadu ..	4
What is Teaching? .. .. .	7
Is medium an end or.... .. .	9
You too can learn to locate ground-water	11
The Spinning Mill comes to the Cotton Farm	14
The Saga of our new Rice .. ..	15
Job Advertisements .. .. .	19-24
Roadworks Tenders .. .. .	25-26
Auctions & Supplies Tenders .. ..	27-30
Electricity Board Tenders .. .. .	31-38
P.W.D. and Water Board Tenders ..	39-50
How to bring the Common Man into the Stock Market	55
Slum Board Tenders .. .. .	60-61
Silappadhikaram .. .. .	63

*Cover Page*

Thillaiyadi is a symbol to proclaim that sacrifice will never be forgotten in Tamil Nadu.

# THE TORCH BEARERS OF TAMIL NADU

to  
Blaze  
a  
new  
Trail  
of  
Progress

## THE YOUTH CORPS SCHEME

By

Selvi V. LALITHA,  
Research Assistant,  
Tamil Nadu Archives.

The Chief Minister, in his Budget speech had announced a programme to form a Youth Corps in Tamil Nadu which is to be formally launched by him on September 15 at a function in Tiruchirappalli. The programme is intended to canalise the energies of educated young men for constructive social service in villages and the Corps would initially consist of 2,000 graduates selected in four batches of 500 each. The members of the Corps would be selected from among the graduates in medicine, agriculture, engineering, science and arts and given training in the five rural employment programme training centres already functioning in the State. The Corps would also include a certain number of women graduates who would function through the various Women's Welfare Centres. Each member would be paid an honorarium of Rs. 175 per mensem. Besides rendering social service, they will also educate the people on the evils of superstition, untouchability and casteism and help the farmers to adopt modern methods of cultivation. After service in

villages for one year, the members of the Corps will be eligible for preferential treatment in the matter of recruitment to public services.

In the background of this programme, it may be of interest to point out that during the post-war reconstruction period at a meeting of the Education Sub-Committee, held in December 1944, Thiru R. Suryanarayana Rao explained the need for setting up of an organisation to look after the welfare of unemployed and homeless youths and to provide social and recreational facilities for youth who are in employment, and for starting activities on these lines in the Madras City to begin with. Mrs. Parijatham Naidu then pointed out that in W.A.R.P.C. there already existed such an organisation for women and that it had 42 centres in the City and 18 in the mofussil at that time. Noting this with pleasure the Committee agreed that there was no need to set up any other organisation for women and that provision should be made for the welfare of boys

and resolved that a Youth Welfare Council be set up by the Government for Madras City with representation from the two Government Departments of Education and Labour, from the Madras Corporation, from the University and from those Voluntary Associations that were conducting Youth Clubs.

Again at a meeting of the Committee for the organization of the Labour and Social Service Camps of students, held in 1954, it was decided that the University students and teachers should be given an opportunity of rendering manual service during summer vacation and their services should be utilised for meeting the needs of the country. Under the scheme of Youth Welfare to be implemented by the Government of India under the Five-Year Plan of Educational Development, the Government of India suggested that State Governments and Universities should prepare schemes for organization of Social and Labour Service Camps for students of schools and colleges and for youths who have left schools or colleges, or have not been to schools at all.

The objective of Youth Camps was not only to render useful manual service to the community but also to organize social, cultural and educational activities for self expression and self development and to become better acquainted with the every day life of the country and its people. Camp life involves a certain amount of self discipline and each the social significance of co-operation as a way of living and therefore, all such camps are the training grounds for healthy

activities and help to develop character and make good citizens. Youth Camps have been organized for providing better road connection between villages, for repairing old buildings, filling of soak pits, clearing of ponds and stagnant pools, etc.

The Government of India contemplated the holding of similar camps for girls also. The programme of work included sanitation work, literacy campaign, sewing and stitching, construction of parks and kitchen garden, First Aid and Home Nursing. As the types of works envisaged for girls' camps required some previous training and a good survey of village condition before holding a camp, the organization of a short intensive course for 15 days was considered to be of great value for the would-be campers to get themselves acquainted with the conditions they are likely to find in the villages and also to give training in crafts. The nature of work of boys' and girls' camps being different, the substitution of mixed camps by two separate camps—one for boys and the other for girls, was considered desirable. In regard to non-students it was suggested that they could either join groups of students from schools and colleges in their project work or organise camps through approved voluntary organizations.

As far as the actual work was concerned it was felt that all work should be done in the spirit of love of labour and should need no special recognition. The Government of India agreed to meet the entire expenditure on the scheme of Youth Welfare

AN  
OUTLET  
FOR  
THE  
YOUTH  
TO  
SERVE  
THE  
COUNTRY

**SCOPE  
FOR  
INDIVIDUAL  
TALENT  
IS  
GIVEN  
IN  
THE  
YOUTH  
CORPS**

under the Five-Year Plan of Educational Development. They also agreed to meet the expenditure on transport and daily allowance for boarding and other incidental expenses connected with the camp of the members of the staff of colleges, students and non-students and other organisers accompanying the students at certain specified rates. The Madras Government also agreed to meet a sum not exceeding Rs. 100 towards initial expenses for each Camp organised by the Education Department.

Youth Camps and Labour Services are conducted in various parts of this State through the efforts of different agencies at different times. Voluntary Services Camps of students of colleges and High Schools are conducted only during vacations, Christmas and Dasara holidays, whereas Camps organised by the non-official organisations like Bharat Scouts and Guides, Service Civil International, etc., are conducted at any time of the year. Though as a matter of policy these camps are generally conducted in the Community Project and National Extension Service areas there are several factors that will have to be taken into consideration before camps are organised namely location and suitability of the place, composition of the volunteers, availability of tools, implements, etc., local initiative and co-operation.

This type of manual work in groups with a background of discipline is now undertaken by the Prosperity Brigades formed in all districts. These brigades have won wide acclaim. Recently

the Government of India evinced signal interest in these Brigades to write: "We propose to examine this scheme and its implementation with a view to circulating it to other State Governments.

"I would, therefore request that a detailed note on the scheme may kindly be sent to us giving information about all its aspects indicating number of Community Development Blocks, Panchayat Unions and districts covered, method of implementation of the scheme, agencies Departments involved, method of valuation of works undertaken under the scheme and the share of people's contribution therein, comparative figures of achievements for the last three years, etc. The views of State Government regarding the success of the scheme, its weaknesses and the programmes for future may also please be incorporated in the said note. Copies of the instructions issued to the concerned agencies/authorities and any other publication concerned with the scheme may also please be sent to us, if available". Following this an Officer of the Government of India paid a visit to the State to acquaint himself personally with the works turned out by the Prosperity Brigades. On the other hand, the Youth Corps Volunteers are expected to do their work not in groups but as individuals.

The launching of the Youth Corps Scheme by our Chief Minister is bound to give practical education and real training in true citizenship to the members. Tamil Nadu should be thankful to the Government for the opportunity now proposed to be placed before our educated youths

## WHAT IS GOOD TEACHING ?

What is good teaching?

Hundreds of thousands of teachers have been challenged by this query throughout the ages.

And perhaps the most conscientious among them have spent sleepless nights seeking a convincing answer for it. When the day has been spoilt by Kannan's aggressiveness, Venu's indifference, Indira's indolence, Prema's prejudice what teacher has not been troubled in the dark hours of the night by the doubt asking if it was not he rather than they who had failed. No answer comes to his rescue; only restlessness.

But then sometimes when the day has been a cheering one, doubt creeps under his pillow asking, "Is Muthu really getting the guidance and assistance that he needs to rise to the heights he is capable of? Is not Sundar with his serene poetic charm compelled to concentrate on subjects that do not appeal to him? Why have I not realised before the sensitive and perceptive nature of Vimala? What can I do to keep her from getting back into her shell?"

And then the disquieting thought: "Perhaps I'm not a good teacher. Perhaps I should be a mango sorter!"

So down through the corridor of times the question persists: What is good teaching? Writers and essayists, poets and philosophers, educationists and psychologists have expressed their views and opinions—each uniquely in his own way—while venturing to answer this question. Several significant research studies on the topic have been attempted to probe into what happens in class-rooms.

### Gibran's Teacher.

Let's seek the wisdom of Kahlil Gibran, the famous Lebanese poet who in his 'The Prophet' speaks of the teacher thus:

"No man can reveal to you aught but that which already lies half asleep in the dawning of your knowledge. The Teacher who walks in the shadow of the temple, among his followers, gives not of his wisdom but rather of his faith and lovingness.

If he is indeed wise he does not bid you enter the house of his wisdom but rather leads you to the threshold of your own mind.

The astronomer may speak to you of his understanding of

---

THIRU S. V. CHITTIBABU,  
*Director of School Education,  
Tamil Nadu.*

---

space, but he cannot give you his understanding.

The musician may sing to you of the rhythm which is in all space, but he cannot give you the ear which arrests the rhythm nor the voice that echoes it. For the vision of one man lends not its wings to another man."

John Ruskin the famous English writer and art critic of the 19th Century says:

"Education does not mean teaching people what they do not know. It means teaching them to behave as they do not behave. It is not teaching the youth the shapes of the letters and the tricks of numbers, and then leaving them to turn their arithmetic

to roguery and their literature to lust. It means, on the contrary, training them into the perfect exercise and kindly continence of their bodies and souls. It is a painful, continual and difficult work to be done by kindness, by watching, by warning, by precept and by praise; but above all by example."

John Dewey the eminent American Philosopher and educationist who laid great emphasis on environment-oriented learning has this to say:

"Life is the great thing after all; the life of the child at its time and in its measure no less than the life of the adult. Strange would it be, indeed, if intelligent and serious attention to what the child *now* needs, and is capable of in the way of rich, valuable expanded life should somehow conflict with the needs and possibilities of later, adult life."

Edgar Dale, a keen and intelligent observer invites us to have a look at teaching in these words:

"What does it mean to teach?—Over the years I have visited scores of classrooms—to see what teachers mean by 'teaching'. Too frequently in the so-called subject matter fields the term 'to teach' means to try to impart information which has been classified and systemised into memorisable units in a text-book. Under this conception of teaching the 'subject matter' consists of 'facts'—the 100 arithmetic combinations, some three to four thousand words, facts in history and geography. Some of these facts, of course, are extremely valuable. Too many of them, however.

have importance only in the eyes of the teacher and within the four walls of the classroom.

What does it mean to teach? To teach is to transform by informing, to develop a zest for life-long learning, to help pupils become students—mature independent learners, architects of an exciting challenging future. Teaching at its best is a kind of communication, a meeting and merging of minds”.

Arthur Combs, a psychologist, believes with other perceptual psychologists that the aim of teaching should be to turn out competent, efficient, healthy, adequate self-actualizing persons. Behaviour, he says, is the result of the perceptual field—or what the situation means to the behavior at the moment of action.

From what has been said above, it would be clear that the aims and objectives of teaching are conceived in various ways. Nearly all writers are agreed on one thing, viz., that the school and the home should help children understand the spectrum of their own culture, their community and nation: how they came into being, what they stand for, how they are organized and function, and what they expect of him. For some this implies the development of knowledgeable, responsive and understanding citizens. But for others like Dewey, it means the development of the capacity to think constructively and creatively about the culture while living democratically and socially in the school and applying problem-solving methods to situations which crop up there.

Some conceive of teaching as an instrument for effecting behavioural changes while some others emphasise the feeling tone and believe that education is at its best when it deepens the perceptions or feelings, making the individual more aware of himself,

others and life about him and therefore more able to act intelligently under any circumstances.

Generally speaking there are at present two schools of thought. One thinks that the classroom should stimulate and feed intellectual growth, dealing exclusively with “mental exploration, idea-intake, the inner synthesis”. In this connection, I am reminded of what an educationist of Chicago observed in the course of a dialogue that I had with him. He said: “Give me a man who is highly skilled, and I do not care what kind of a man he is”. Even John Gardner, who was the United States Secretary of Health, Education and Welfare in 1966 when I visited Washington under an International Teacher Development Programme sponsored by the U.S.A. would appear to subscribe to the view that education should lead to intellectual development, that it is not only a way of learning but also an instrument of self-renewal. To quote his words:

“We think of the mind as a storehouse to be filled when we should be thinking of it as an instrument to be used.....We are moving away from teaching things that are readily outmoded, and towards things that will have the greatest long-term effect on the young persons’ capacity to learn and perform.....In all subjects it means teaching habits of mind that will be useful in new situations.....curiosity, open mindedness, objectivity, respect for evidence and the capacity to think critically”.

Educationists of the other school of thought assert that all aspects of the human being—physical, social, emotional and ethical—are essential for and have an impact on the development and use of the intellect. The feeling tone, which accompanies any experience, colors its intel-

lectual value. Well-known educators like Dr. Eiseley, Eral Velley and Carl Rogers place a high premium on the feeling or affective side of education.

What then are the ultimate purposes of education? Can the intellectual and affective sides of education be isolated from each other?

It is the task of the teacher to bring the purposes of education into fluent harmony in a richly developing individual. As we are due to celebrate the coming September 5, once again as “The Teacher’s Day” let every teacher who wishes to earn the grateful esteem and appreciation of the community endeavour to become:

One who understands his country against the background of the world at large,

One who is in incessant pursuit of knowledge and skill,

One who tempers his behaviour according to his increasing knowledge,

One who is not hamstrung by conventions and traditions but who seeks to explore, to adventure forth and to create the new,

One who can instruct as well as inspire,

One who respects, understands and values himself as well as his fellow beings,

One who looks at what happens to the child in the social milieu of the school,

One who challenges the child to develop his abilities, while overcoming his shortcomings,

One who helps the child to learn how to learn,

One who is warmhearted and interactive, withholding all sarcasm and ridicule, and

One who becomes human himself and helps the child to become human.

# IS MEDIUM OF INSTRUCTION TOOL OR END?

By  
DR. RAJAMMAL P. DEVADAS,  
M.A., M.SC., PH.D. (Ohio  
State)

Principal,  
Sri Avinashilingam  
Home Science College,  
Coimbatore-11.

Education is the all round development of the student. Development results when the student comprehends what he learns and perceives its implications to and applications in daily life. In this context, education is accomplished best when imparted through the medium of one's own mother tongue. However, it is tragic to find that in Tamil Nadu, 'Education' has come to mean 'medium of instruction' and not personality development, ability to think and reason out problems, mastery of knowledge of subject matter and application of knowledge.

Our college is devoted to scientific approaches at all levels, including the question of the medium of instruction. There was neither compulsion in favour of, or against any medium nor was any classification of students made in terms of the S.S.L.C. marks, for the purpose of assigning the medium—On the other hand, parents and students who sought

the advice of the Principal, Vice-Principal and staff, were advised that :

(a) Such medium as would enable the students to understand the lessons and pass the examination creditably should be opted ;

(b) The choice of a particular medium, would not place the students in any particular advantage or disadvantage ;

(c) The students can answer the question papers in the university examination, in any medium, regardless of the medium opted for prosecuting their studies ;

(d) The medium opted at the P.U.C. level can be changed at the degree level ; and

(e) The teaching of English as a functional language will be greatly strengthened, and such teaching would help the students in their future avocations. For this purpose the Professor and members of staff in the English department have divided the P.U.C. students into smaller groups of 50—60 students each, to teach Part I—English intensively and meaningfully.

The students and their parents were also enlightened on the fact that in the recruitments in Tamil Nadu, greater preference is

bound to be given to those who opt Tamil medium, and elsewhere in India, it would be a knowledge of another Indian language that would help them.

It is against this background, that 190 students have opted Tamil medium in the P.U.C., 90 for Science and 100 for the Arts. There were several applicants still claiming for admission to the Tamil medium, as late as August eventhough admissions were closed on 1st July 1971. We have not given seats in any medium, to candidates who had secured low marks, except to those from the Backward and Scheduled Classes. Therefore it is not true that those with low marks were given the Tamil medium. The range of total marks received in the S.S.L.C. by the P.U.C. students in the Tamil medium, is from 300—450 in most cases, and between 290—300 in a few cases, and between 260—290 in still fewer cases. However, the analysis of our results in the P.U.C. examination of the University of Madras, shows that there is no correlation between the S.S.L.C. marks and the P.U.C. results.

At the Bachelor's degree level, after admission of 100 students to B.A. Economics in English medium, 20 had come forward on their own desiring to study Economics in the Tamil medium. Their reasons for opting the Tamil medium are :

(1) To get high marks and to pass with credit.

(2) Tamil medium facilitates thinking and understanding and studying Economics.

(3) Writing answers in Tamil would be fluent, full, flawless and comprehensive.

(4) To study in the Tamil medium, is to express one's interest and pride, in one's mother-tongue.

(5) It is difficult to study through the English medium.

(6) Tamil medium is in no way inferior to English medium.

(7) The assurance of assistance given by the Government of Tamil Nadu.

That students do not feel at home in the English medium is revealed also by the following facts. To the question, "Why

have you opted for Economics Major", (a) among the 80 students who had opted for the English medium 25 answered the question in chaste Tamil and not in English; and (b) among the 55 who had answered in English, all had committed 1 to 30 mistakes in one page alone, in the order given below.

<i>Errors in English.</i>	<i>Number of students.</i>
1 to 5	9
6 to 10	19
11 to 20	18
21 to 30	9

Again there was no correlation between the classes obtained in

the P.U.C. examination, and the number of mistakes committed.

These are illustrative of the need for deep thinking and courageous action. If we are to develop confidence in our students and help them flower through education, the medium must be what the students understand and love, and not just what others imagine would fetch jobs and money.

I congratulate the students who have opted for the Tamil medium with great vision, and the teachers who are teaching the subjects with flair and affection in both the media. The faith and achievements of our students and staff should bring light and conviction to the present situation.

## TANSI

Offers Disposal of the following products in  
"as is where is condition"

- |                                   |       |  |
|-----------------------------------|-------|--|
| 1. DIESEL ENGINES--5 H.P.         | } ..  | Tansi Machine Tools, Chennimalai Road, Erode-2.  |
| 2. DRILLING MACHINE               |       |  |
| 3. CYCLES .. ..                   |       |  |
| 4. FRACTIONAL HORSE POWER MOTORS. | .. .. | Tansi Engineering Works, Korampallam, Tuticorin and Tansi Engineering & Cycle Works, Industrial Colony, Thanjavur. |
|                                   | .. .. | Tansi Electrical Works, Industrial Estate, Guindy.   |

For further particulars

*Please contact :*

**DEPUTY MANAGER (Sales)**

**Tamil Nadu Small Industries Corporation Limited**

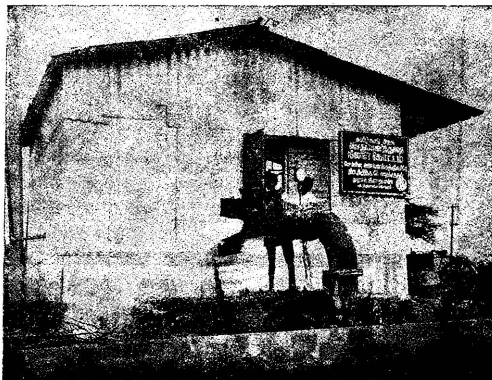
83/2, WOODS ROAD, MADRAS-2. (Phone : 83061)

The State Ground Water Directorate has started giving advice to ryots in Cauvery Basin area who wish to sink bore wells, about location of aquifers and quality of water. Investment for the sinking of 5,000 filter points and 1,000 shallow tube wells in Cauvery sub-basin and 2,000 filter points in Vennar Sub-basin has been appointed by Government. The United Nations Development Programme assisted Ground Water Project is now in its second phase. This second phase of the Ground Water Project was put into operation on 1st June 1969 to conduct a detailed investigation of the Ground-water potential of the Cauvery Delta. In addition, the project has undertaken detailed agricultural and soil studies for the purpose of indicating methods by which the additional ground water

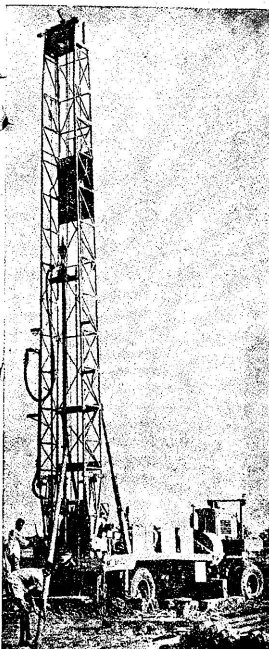
can increase the overall agricultural production in the area. This Project is expected to be completed by February 1972. Investment for sinking 2,500 shallow tube wells and 500 medium tube wells in South Arcot district has also been sanctioned.

Apart from the above, with UNICEF Aid, it is proposed to sink 8,850 small sized tube wells fitted with hand pumps to provide drinking water supply in scarcity and cholera affected villages numbering 1,267 in Tamil Nadu within a period of 5 years from 1971-72, at the rate of 1,770 wells per year. These wells will provide drinking water for 2.19 million people. The total cost is estimated at Rs. 2.65 crores. It covers all districts except Madras, Nilgiris and

One of the Panchetty wells located by groundwater Directorate helping industrial Manali—Bauuro area.



YOU TOO  
CAN LEARN  
TO LOCATE  
GROUND  
WATER



**Back from a  
hard day's work...**

**Enjoy a cup of  
reviving Nescafé—  
takes just 5 seconds  
to make!**



**100% PURE COFFEE—  
MADE FROM  
SOUTH INDIAN  
COFFEE BEANS**

NCE 6369

# **NESCAFÉ**

***the coffee with life in it!***

**A NESTLÉ PRODUCT**

Thanjavur. The UNICEF Aid is in the form of rigs and other essential equipments.

Apart from advising ryots about the location for new wells the scope of the Project requires the training of personnel in ground water investigation techniques and as a first attempt in this direction, the Project conducted a four week training course during September-October 1970 in the Project premises. Twenty-one candidates from the four States, viz., Andhra Pradesh, Kerala, Mysore and Tamil Nadu of South India participated and benefited from this training course. There is a proposal to conduct a similar training course, from the 13th September to 9th October 1971 and it is expected that this training course will attract a greater number of participants and would also benefit the staff of the Ground Water Directorate to effectively carry out investigations in our State.

A class for teaching ground-water investigation techniques in session.



## STATE WATER ATLAS UNDER PREPARATION

The AFPRO Organisation (Action for Food Production) have been permitted by Tamil Nadu Government to undertake Groundwater investigation in portions of Coimbatore, North Arcot and Madurai districts (preferably hard rock areas). The first area selected is the NOYIL river basin in Coimbatore district and work is in progress. Danish mission has carried out a brief hydrogeological survey in Coimbatore district and has given a report.

Government of Tamil Nadu have permitted the utilisation of services of American Peace Corps Volunteers for Groundwater Investigation. Their work will start by November 1971 and they will work in Tiruchirappalli District.

With a view to assess the groundwater potential and to prepare the water balance and water atlas for the whole State of Tamil Nadu, 4 Divisions are functioning in the Ground Water Directorate with Headquarters at Madras, Tiruchirappalli, Madurai and Coimbatore. These Divisions have already started collecting all the geophysical, hydrological and hydrogeological data in all the districts of the State. There are at present 16 drilling rigs in the Ground Water Directorate. Sanction has also been received recently to go in for sophisticated imported equipments for Rs. 50 lakhs. With all these machinery and instruments, it is programmed to complete the investigation of groundwater sources in the entire State before 1975.

# FARM AND FACTORY COMBINE FOR BETTER COTTON YIELDS

The farm, factory and the laboratory have come together to set new heights in cotton yield. The scientists have evolved very good cotton varieties capable of giving high yields and long staple. To enable the farmer to cultivate these long-staple cotton varieties in conditions stipulated by the scientists the cotton mills have joined hands with the farmer. This is the packaged cotton cultivation scheme launched by Tudiyalur Co-operative Agricultural Services, Limited, Coimbatore in co-operation with Khatau Mills of Bombay.

Laborious and prolonged researches in developing long staple varieties of cotton to meet the needs of Indian textile industry, primarily aim at increasing the yield and thus seek to reach self-sufficiency and prevent the draining of invaluable foreign exchange.

Of the many exotic varieties developed, MCU 5 and Sujatha have proved to be stable as irrigated winter crop. The fruits of researches, however, will be achieved only when the rank and file of the farmer translate the results into action. The Tudiyalur Co-operative Agricultural Service, Limited, already a pioneer in growing exotic varieties of cotton has forged a link between not only the research institutions and the farmers, but also between the farmers and the cotton consumers, viz., textile mills. This will help the farmer to produce more in his land and to get reasonable price as well, without being victimised by the peculiar fluctuations in the cotton trade.

For this purpose, a joint higher level meeting was held in the

premises of the Tudiyalur Co-operative Agricultural Services, Limited, recently, which was attended by Thiru T. N. Palani-swamy, President and the Board of Directors representing the Tudiyalur Co-operative Agricultural Services, Limited, and Thiru Narothem Asher, representing Messrs. Khatau Mills, Bombay Dr. K. Kharmarajulu, Chief Executive Cotton Officer, Indian Cotton Mills Federation, Bombay and Dr. Santhanam, Project Co-ordinator, Indian Agricultural Research Institute, Regional Centre Coimbatore have also taken part in it to finalise the plan.

Accordingly the Tudiyalur Co-operative Agricultural Services, Ltd., will embark during the ensuing cotton season, on the packaged cotton cultivation scheme. Under this scheme, 4,000 acres within its area of operation will be covered. Long staple cotton varieties, namely MCU 5 and Sujatha will be grown on 2,000 acres each. This scheme is a joint venture of the Tudiyalur Co-operative Agricultural Services, Limited, and Messrs. Khatau Mills, Bombay. It will get the benefit of technical guidance and services of Dr. Dharmarajulu and Dr. Santhanam and a team of experts, under the employ of the institution.

Under this scheme, the society will provide to the ryots quality seeds (b) fertilisers and pesticides, (c) sprayers and other agricultural implements, (d) finance and credit facilities (e) technical advice. It will procure in terms of kapas. The society will undertake to gin and bale the cotton before selling. The entire quantity of cotton produced will be purchased by Messrs. Khatau Mills at fixed floor price, agreed upon for both the

varieties. Thus the farmer not only produces but undertakes also the first stage of processing the cotton.

The welcome feature of this scheme is, if the market price is above the fixed floor price, the society reserves the right to sell the cotton at higher rates to the other buyers, the first option being given to the Khatau Mills. Thus, the farmer gets an assured and reasonable price for his produce and also he is not deprived of higher returns caused by price fluctuation.

The scheme is a telescopic one and will be implemented over a period of 5 years increasing the extent to 10,000 acres at the end of the fifth year.

If the market price is below the floor price the mills would buy the entire produce at the agreed floor price, as per agreement signed by the institution and the Mills.

Option is given to the ryot to sell the Kapas at the prevailing market price if the same is high and if by chance the market price goes down below the floor price the entire kapas would be procured by the institution on behalf of the mills. It has the advantage of an assured minimum price for the farmer with a package of practices fully assured by the institution from A to Z in the growing of cotton crop in the Coimbatore belt.

Over a period of 5 years the production target of 20 thousand bales would be achieved in long staple variety to avoid the drain on the foreign exchange of the country and to realise a portion of the goal of self sufficiency in the production of home grown long staple varieties.

# THE NEW RICE PLANT IS SHORT, STRAIGHT AND MAKES THE MOST OF SUNLIGHT



This is IR-20. It is tolerant to stem borers. It has hard thin grains. It can absorb crop nutrients past flowering stage.

*We have achieved higher yields in rice production with these I. R. varieties. Now, scientists are trying to evolve a strain of rice which will have higher protein content as well,*

—Ed.

By

A. SUBRAMANIAN, M.Sc. (A.),  
A.I.C.R.I. Project, Coimbatore.

Cultivation of high yielding dwarf indica varieties of rice in large areas during the past two years has led to an appreciable increase in the annual production of rice in Tamil Nadu. Using IR-8 and IR-20, a number of farmers harvested yields exceeding ten tonnes of grain per hectare in a single cropping season during the year 1969-70. In a trial on continuous cropping of rice at Central Farm, Coimbatore, a total yield of 23 tonnes of grain was harvested from three crops of rice raised successively in the same plot of land during a period of 375 days of field duration. These achievements are of some significance to us as it provides a convincing evidence of what is technically feasible in rice production in just an area of one hectare of land in a year by growing new high yielding varieties of rice under modern methods of cultivation.



This is IR-22. Shorter than IR-20, it yields finer grains, with great consumer appeal.

The concept of the new plant and the recognition of its importance in crop breeding have contributed much to the success achieved in the development of new high yielding varieties of rice. The traditional varieties of rice grown in the tropical countries of the world are mostly tall and they grow to a height exceeding 160 cms.; they are leafy and leaves are long and droopy causing mutual shading which ultimately results in lower growth rate especially after flowering. Improved strains of the new plant type like IR 8 on the other hand do not grow beyond 120 cms. and it stands erect responding positively to higher dosages of nitrogenous fertilizers. The nitrogen responsiveness and high yield potential of IR 8 can be attributed to its physiological efficiency and maintains a high rate of growth throughout its life period, right from the seeding stage to the stage of maturity of the crop. The ability of the plant to continue to grow and to absorb nutrient even after flowering is a very interesting feature as it reveals the superiority of the variety in influencing the various factors that determine the rate of growth at the different developmental stages of the plant. At seedling stage, the growth rate is largely influenced by grain weight. When the plants establish after planting and start growing, it is the leafiness that exerts great influence on growth. It is well known that leafiness causes mutual shading which adversely affects the quantum of light required for photosynthesis by the

## THE SHORT RICE PLANT ALSO MAKES THE MOST OF FERTILISER

leaf. In the case of IR 8 mutual shading does not occur because of erect leaf and its vertical disposition. It is at this stage, the plant type factor influences the rate of growth. Application of fertilizers and the absorption of nutrients makes the plants grow and basal internodes usually get elongated making the crop grow tall. In the case of IR 8, however undesirable elongation is prevented, due to the congestion of nodes at the basal portion of the plant. Here again the plant type exerts an influence on plant height. Owing to the restricted height, IR 8 does not lodge and it continues to absorb nutrients even in later stages. In breeding for high yielding strains, selection is made for all these desirable traits that have direct influence on crop growth and responsiveness to fertilizers.

The plant types thus selected generally yield higher than tall indica types both in the wet and the dry seasons. Data on yield of tall indica varieties show that in most of the tall types, the yield is often less than 2 tonnes per hectare in a wet season although they have an yield potential of 5 tonnes per hectare under favourable seasonal conditions. The dwarf indica strains on the other hand, yield 5 to 8 tonnes of grain even when grown in the wet season with a potential to yield much higher than 10 tonnes of grain per hectare in a dry season.

Attempts on the part of crop breeders to select suitable donor parents for the improvement of

## RELEASE OF FOUR NEW HIGH YIELDING RICE STRAINS

tall varieties of rice led to the fixation of a few short statured indica types from Taiwan as the best suited donors for crop improvement in rice. It was found that the short stature of some of the dwarf types is conditioned by a single recessive gene and that it can readily be incorporated in the tall plants through selection, adopting simple breeding techniques. Strain IR-8 which was the first strain to be released from the International Rice Research Institute was evolved from a cross between the short indica variety Dee-Geo-700-Geen of Taiwan and the tall Indonesian variety Peta. IR-5 was the next to be named as a strain and it was developed from a cross between Peta and Tangkai Rotan, a Semi dwarf variety from Malaysia. IR-5 is taller than IR-8 and it has out yielded the latter in areas where the soil fertility is medium and low and where incidence of certain diseases is high. IR-5 is 20 days longer in duration than IR-8, and is recommended for regions that require a variety of about 140 to 150 days duration. Two more new varieties named as IR-20 and IR-22 were released in November, 1969. IR-20 is of IR-8 duration and was selected from a cross between IR-262 and T.K.M.-6 particularly for its tolerance to Stemborers.

Its grains are hard, slender, translucent and free from abdominal white and it yields as high as strain I.R.-8 in a dry season. It is however prone to lodging when grown in wet season under high dosage of fertilisers because of the weak straw inherited from the T.K.M.-6 parent. I.R.-22 is shorter in Stature than I.R.20 and is superior to it in possessing higher degree of resistance to lodging and its grains are finer in quality. It also matures 10 days earlier than I.R.-8 or I.R.-20.

Intensification of rice research under the All-India Co-ordinated Rice Improvement Project since 1965 made it possible for the rapid screening of the materials, on an All-India basis resulting in the quick release of many high yielding strains within a short period of time. Improved varieties of Jaya, Padma, Hamsa, Bala, Krishna, Yamuna, Sabarmathi, Kanchi, Cauveri, Annapurna and Pennai derive their dwarf stature habit from Taichung Native-1 while strain I.R.-8 contributed to the improved type in the case of strains. Variety Karuna was evolved from a cross between I.R.-8 and A.D.T.-27 and is to replace A.D.T.-27 in the Cauvery delta region. Variety Cauvery Isolated from a cross between T(N)-1 and T.K.M.-6 is to replace the popular strain T.K.M.-6. Kanchi is a strain evolved from a cross between Co.29 and Taichung Native-1 and is intended to replace Co.-29. Pennai (A.S.D. 14) derivative of a cross

## THE FUTURE TRENDS OF RESEARCH TO SUIT TAMIL NADU

between ASD-1 and Taichung Native-1 is red grained and is intended to replace the Kar Samba variety A.S.D.-1 in the Southern Districts of Tamil Nadu.

Though a number of high yielding strains has been released, numerous barriers still exist in the popularisation of these varieties because of the varied environmental conditions that prevail in the different agroclimatic regions in Tamil Nadu. The Cauvery delta region for instance needs a strain that will come to maturity within 95 days for the Kuruvai season and another strain of 140-150 days duration with high degree of pest and disease resistance for the Thaladi season. Breeding work is in progress to evolve strains of 95 days duration. Among the medium duration selections, culture 11803 a derivative of a cross between I.R.-8 and A.D.T. 27 appears to be promising as it has recorded an yield of 8 tonnes per hectare under Coimbatore conditions. This culture is of 140 days duration and has grains similar to A.D.T. 27 with the plant type of I.R.-8.

Breeding Programmes involving more than 15,000 crosses have been undertaken at the International Rice Research Institute, Philippines for the development

# 24 COUNTRIES ARE TESTING NEW RICE STRAINS IN 159 CENTRES

of outstanding strains of high yield potential and fertilizer responsiveness of IR. 8 with superior grain quality and increased resistance to major pests and in progress at the Central Rice Research Institute, Cuttack, Indian Agricultural Research Institute, New Delhi, and the zonal and Regional Rice Research Centres of the All-India Co-ordinated Rice Improvement Project, Agricultural Universities and state departments of Agriculture have also taken up a number of crop improvement research projects, to develop strains suited to the local needs of the regions concerned. Mutation breeding at Indian Agricultural Research Institute, New Delhi, has brought out a number of desirable mutants for grain type, amylose content, protein content, trans-

lucency of kernels, and plant habit. These are being utilised for further improvement of the existing strains under spread.

The major stress on crop improvement is seen on breeding for pests and disease resistance in almost all the Rice Research Centres of the world. In the programme of breeding for pests and disease resistance at the International Rice Research Institute, great emphasis has been placed on developing varieties resistant to five important diseases, namely, blast, tungro, grassy stunt, bacterial leaf blight and bacterial leaf streak and three insect pests, namely, brown plant hoppers, green jassids and stemborers. Varieties Zenith, Dawn Sigadis Tadukkan, Totep and MMS 4 have been used for breeding blast resistant strains. By testing a large number of varieties in 159 testing centres in 24 countries, a number of varieties showing broad, pest resistance.

### **The need for applied Research Centres for Evaluating new varieties.**

Consequent on the intensification of research on a co-ordinated basis at the national and international level there is now a free flow of breeding flow materials for the rice breeders who can take up hybridisation work with selected materials for achieving their objectives towards meeting the needs of the farmers. Modern techniques available for rapid screening and simultaneous testing of the materials at more than one location make quick

release of varieties possible within a short period of time. The real worth of the varieties can however be ascertained only by valid testing under the specific environmental conditions where they are to be grown. Recommendation of even the best of the varieties turns out to be a total failure if it is cultivated in a season not suitable for growing it. The establishment of applied research centres for the rapid testing of new varieties of rice throughout the State will not only help in fixing up varieties adapted to local conditions but also to formulate the package of practices required to get at the maximum potential of the varieties in the areas into which they are spread. It should be also borne in mind that farmers can maintain the productivity of the high yielding strains at their maximum level only if high quality seeds of the new varieties are made available to them. Establishment of a number of applied research centres with adequate staff and allotment of seed farms for the rapid multiplication of the seeds of the varieties evolved can bring about a significant improvement in the present level of production of rice in Tamil Nadu. It is in this context that the Adaptive Research carried on at Aduthurai has done useful service. Already it has evolved the variety Karuna specifically for the Cauvery delta. And now on a stupendous scale two Adaptive Research Stations are coming up at Kudumiyam Malai and at Chengam.

# TAMIL NADU PUBLIC SERVICE COMMISSION NOTIFICATIONS

## Recruitment from among Emergency Commissioned Officers Short Service Regular Commissioned Officers as Deputy Collectors, etc.

Applications are invited up to 5 p.m. on the 25th September 1971 from among Emergency Commissioned Officers/Short Service Regular Commissioned Officers already released or expected to be released during 1971-72 for admission to the competitive examination comprising a written test of the Master's degree standard to be held in November 1971 at Madras and an oral test thereafter for direct recruitment to the following posts :—

(i) TWO posts of Deputy Collectors on Rs. 575—25—600—40—1,000 per mensem.

(ii) TWO posts of Joint Commercial Tax Officers on Rs. 550—25—600—35—950 per mensem.

(iii) ONE post of Deputy Registrar of Co-operative Societies on Rs. 550—25—600—35—950 per mensem.

(iv) ONE post of Deputy Superintendent of Police on Rs. 575—25—600—40—1,000 per mensem.

**Qualifications.**—(i) A degree of any University or Institution recognised by the University Grants Commission for the purpose of its grant ;

(ii) On 1st July 1971, must not have completed the age of 24 years. Candidates belonging to Scheduled Castes, Scheduled Tribes and Backward Classes applying for the posts of Deputy Collector and Deputy Registrar of Co-operative Societies are exempt from the age-limit while for the posts of Joint Commercial Tax Officer and Deputy Superintendent of Police, they should be below 30 years.

The period of service including the period of pre-Commission training rendered by a candidate as Emergency Commissioned Officer/Short Service Regular Commissioned Officer will be excluded in computing his age.

In addition, the following age concessions are also allowed :—

(a) up to five years in the case of persons not belonging to Scheduled Castes, Scheduled Tribes and Backward Classes subject to the condition

that they do not exceed the age of forty years on 1st July 1971;

(b) up to 10 years in the case of persons belonging to Scheduled Castes, Scheduled Tribes and Backward Classes in respect of the posts of Joint Commercial Tax Officer and Deputy Superintendent of Police subject to the condition that they do not exceed the age of 45 years on 1st July 1971.

(iii) Candidates for appointment as Deputy Superintendent of Police must be not less than 165 Cms. in height and not less than 86 centimetres round the chest on full inspiration and must have a chest expansion of not less than 5 centimetres on full inspiration.

The application for all the posts referred to above is a combined one.

Detailed 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 (35 Paise) ENVELOPE OF AT LEAST 23 cm. IN LENGTH SUPERSCRIBED AS "BOOK-POST". NO NOTICE WILL BE TAKEN OF A REQUISITION WHICH IS NOT ACCOMPANIED BY SUCH ENVELOPE.

60-A.

## TENDER NOTICE.

### GOVERNMENT OF TAMIL NADU DEPARTMENT OF INDUSTRIES AND COMMERCE.

No. 6410/CW.10/70.

Sealed tenders are invited up to 1 p.m. on 20th September 1971, by the Joint Director of Industries and Commerce (Chemicals), Chemical Wing, Industrial Estate, Guindy, Madras-32 for layout, erection and commissioning of the Yeast Plant at Guindy, Madras-32.

The tenders will be opened at 3 p.m. on 20th September 1971. The tender documents (non-transferable) can be obtained from the undersigned on producing the original chalan for the payment of Rs. 2 (Rupees Two only) remitted into any treasury or Reserve Bank of India to the account of the Government of Tamil Nadu under the head "XXIX. Industries-a. Industries—Miscellaneous receipts" and Sales Tax of Re. 0-06 (Six paise only) in a separate chalan under the head "XII. Sales Tax—D. Miscellaneous (Non-refundable)". No other mode of payment towards cost of tender documents will be accepted.

Joint Director of Industries and Commerce  
36 (Chemicals).

## TAMIL NADU PUBLIC SERVICE COMMISSION.

### COMPETITIVE EXAMINATION OF THE MASTER'S DEGREE STANDARD.

Applications are invited up to 5 p.m. on the 25th September 1971 for admission to the competitive examination comprising a written test of the Master's Degree Standard to be held at Madras in November-December 1971, and an oral test for direct recruitment to the following posts :—

(i) NINE posts of Deputy Collectors in the Tamil Nadu Civil Service (Executive Branch) on Rs. 575—25—600—40—1,000 per mensem.

(ii) SIX posts of Joint Commercial Tax Officers in the Tamil Nadu Commercial Taxes Service on Rs. 550—25—600—35—950 per mensem.

(iii) TWO posts of Deputy Registrars of Co-operative Societies in the Tamil Nadu Co-operative Service on Rs. 550—25—600—35—950 per mensem.

(iv) TWO posts of Deputy Superintendents of Police in the Tamil Nadu Police Service on Rs. 575—25—600—40—1,000 per mensem.

(v) ONE post of District Registrar in the Tamil Nadu Registration Service on Rs. 550—25—600—35—950 per mensem.

Candidates for appointment to the post of Deputy Superintendent of Police must be not less than 165 centimetres in height and not less than 86 centimetres round the chest on full inspiration and must have a chest expansion of not less than 5 centimetres on full inspiration.

The application for all the posts is a combined one.

Detailed 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) ENVELOPE OF AT LEAST 23 cm. IN LENGTH SUPERSCRIBED AS 'BOOK-POST'.

81-A

## TAMIL NADU PUBLIC SERVICE COMMISSION.

Applications are invited up to 5 p.m. on 7th October 1971 from Women for one appointment by direct recruitment to the temporary post of Special Officer (Women and Child Welfare) in the Women's Welfare Department in the Tamil Nadu General Service.

Pay—Rs. 550—25—600—35—950 per mensem.

Qualification.—A degree of any University or Institution recognised by the University Grants Commission for the purpose of its grant.

Age.—On 1st July 1971 must have attained the age 21 years; but must not have attained 27 years of age. Members of the Scheduled Castes, Scheduled Tribes and Backward Classes are exempt from Upper age-limit only. Goldsmiths affected by the Gold Control Order, their 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 were below 40 years of age on 1st July 1971, 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) ENVELOPE OF AT LEAST 23 cm. IN LENGTH SUPERSCRIBED AS 'BOOK-POST'

80-A

## GOVERNMENT OF TAMIL NADU. DEPARTMENT OF INDUSTRIES AND COMMERCE.

Applications are invited from male candidates belonging to Tamil Nadu State to undergo training in the fabrication of Scientific Glass Apparatus at the Government Scientific Glass Training Centre, Industrial Estate, Madras-32.

Minimum qualifications required for admission is a pass in the S.S.L.C. with eligibility for College Course. Age should be between 16 and 20 years as on 1st October 1971.

Duration of the Training is two years. Twenty candidates will be selected for training. A stipend of Rs. 40 per mensem in the First Year and Rs. 50 per mensem in the Second Year will be paid to all the selected candidates.

Application Forms can be had from the Superintendent, Government Scientific Glass Training Centre, Industrial Estate, Guindy, Madras-32, by enclosing a self-addressed envelope affixed with 20 Paise stamps. The last date for the receipt of the application form (duly filled in) by the Superintendent is 15th September 1971.

56-A

Director of Industries and Commerce.

## TAMIL NADU PUBLIC SERVICE COMMISSION.

Applications are invited up to 5-00 p.m. on 23rd September 1971 for the undermentioned posts :—

**I. ONE APPOINTMENT TO THE POST OF TECHNICAL ASSISTANT IN THE NILGIRIS DISTRICT SMALL TEA GROWERS' INDUSTRIAL CO-OPERATIVE SOCIETY IN THE TAMIL NADU INDUSTRIES SUBORDINATE SERVICE.**

*Pay* : Rs. 400-15-475-20-575-25-650 per mensem.

*Age* : Below 45 years on 1st July 1971.

*Qualifications* : (i) A degree of B.Sc. (Agriculture) ; and

(ii) Experience in the cultivation of tea, applications of fertilisers and manure to the tea gardens and in the selection and prescription of various types of insecticides, fungicides and pesticides in various seasons of the tea gardens owned by the Small Tea Grower members of Tea Factories for a period of not less than three years.

**II. ONE APPOINTMENT TO THE POST OF STATISTICIAN IN THE TAMIL NADU MEDICAL SUBORDINATE SERVICE.**

*Pay* : Rs. 350-15-500-20-600 per mensem.

*Age* : Below 30 years on 1st July 1971.

*Qualification* : A degree with Statistics as the main subject.

**III. SIXTEEN APPOINTMENTS OF ASSOCIATE LECTURERS IN ENGINEERING SUBJECTS (6 IN CIVIL ENGINEERING, 3 IN MECHANICAL ENGINEERING, 2 IN ELECTRICAL ENGINEERING, 1 IN METALLURGY AND 4 IN ELECTRONICS AND COMMUNICATION ENGINEERING) IN THE GOVERNMENT ENGINEERING COLLEGES IN THE TAMIL NADU EDUCATIONAL SUBORDINATE SERVICES.**

*Pay* : Rs. 475-25-650-30-800 per mensem.

*Age* : Below 27 years on 1st July 1971.

*Qualifications* : (i) A Master's Degree or a first class Bachelor's Degree in the concerned branch of Engineering ; and

(ii) Teaching experience in the branch of Engineering relating to the post concerned for a period of not less than one year in an institution preparing students for a University degree examination.

**IV. FIFTEEN APPOINTMENTS OF ASSOCIATE LECTURERS IN NON-ENGINEERING SUBJECTS (6 IN MATHEMATICS, 4 IN CHEMISTRY, 2 IN GEOLOGY AND 3 IN ENGLISH) IN THE GOVERNMENT ENGINEERING COLLEGES IN THE TAMIL NADU EDUCATIONAL SUBORDINATE SERVICE.**

*Pay* : Rs. 475-25-650-30-800 per mensem.

*Age* : Below 27 years on 1st July 1971.

*Qualifications* : (i) A first or second class Master's Degree (by examination or by research) in the concerned subject ; and

(ii) Teaching experience in the subject concerned for a period of not less than one year in an institution preparing students for University degree examination.

No age-limit for members of the Scheduled Castes, Scheduled Tribes and the Backward Classes. Upper age-limit relaxable up to 10 years in the case of physically handicapped persons for appointment to the posts of Statistician in the Tamil Nadu Medical Subordinate Service and Associate Lecturers in Engineering and Non-Engineering subjects in the Government Engineering Colleges in the Tamil Nadu Educational Subordinate Service. 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 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 were below 40 years of age on 1st July 1971, displaced persons from East Pakistan 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 PAISE) ENVELOPE OF ATLEAST 23 c.m. IN LENGTH SUPERSCRIBED AS 'BOOK POST'.

### Apprentices Act, 1961.

The next All-India Trade Test under the Apprentices Act, 1961 will be conducted in Tamil Nadu at the following Industrial Training Institutes, from 20th to 25th September 1971 (both days inclusive but exclusive of 21st September 1971).

Government Industrial Training Institute (North Madras) Madras-21, Guindy, Madras-32, Ambattur, Madras-53, Tiruchirappalli-14, Madurai-7, Pettai, Tirunelveli-4, Coimbatore-11 and Salem-7.

The full term apprentices, eligible and desirous of appearing for the above trade test can contact the Principal of the concerned Industrial Training Institute where they had their Related Instructions, for further particulars, before 5th September 1971.

**Director of Employment and Training and  
State Apprenticeship Adviser Madras-5.**

## TAMIL NADU PUBLIC SERVICE COMMISSION.

Applications are invited up to 5-00 p.m. on the 16th September 1971 for **ONE APPOINTMENT TO EACH OF THE POSTS OF ASSISTANT SUPERINTENDENT, ART POTTERY SECTION, VRIDDHACHALAM AND WORKS SUPERINTENDENT IN THE TRAINING-CUM-PRODUCTION CENTRE FOR THE MANUFACTURE OF CLAY TOYS, DOLLS AND STATUES AT KOSAVAPET, MADRAS IN THE TAMIL NADU INDUSTRIES SERVICE.**

*Pay* : Rs. 550-25-600-35-950 per mensem.

*Qualifications* : (i) A degree in Ceramics or Silicate Technology or a Diploma in Ceramics of any University or Institution recognised by the University Grants Commission for the purpose of its grant or of any Institution or Board recognised by the Government of India or by any of the State Governments, or the certificate in Ceramics issued by the Training School in Ceramics at Vriddhachalam

and

(ii) Practical experience in the field of Ceramics for a period of not less than two years in the case of degree holders and four years in the case of diploma and certificate holders.

*Age* : Below 30 years on 1st July 1971.

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 qualifications. Upper age-limit relaxable by 5 years for other Scheduled Castes and Scheduled Tribes. 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 were below 40 years of age on 1st July 1971, 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 SELF-ADDRESSED AND STAMPED (THIRTY-FIVE PAISE) ENVELOPE OF ATLEAST 23 C.M. IN LENGTH SUPERSUBSCRIBED AS 'BOOK-POST'.**

37A

Applications are invited up to 5 p.m. on 7th October 1971 for the undermentioned posts :—

**ONE APPOINTMENT OF DEMONSTRATOR IN BIOLOGY, THREE APPOINTMENTS OF DEMONSTRATOR IN CHEMISTRY AND THREE APPOINTMENTS OF DEMONSTRATOR IN PHYSICS IN THE MADRAS VETERINARY COLLEGE IN THE TAMIL NADU ANIMAL HUSBANDRY SUBORDINATE SERVICE.**

*Pay* : Rs. 325-15-550 per mensem.

*Age* : Below 27 years on 1st July 1971.

*Qualifications* :—(1) Demonstrator (Biology) : A first or second class degree of B.Sc. with Zoology as main and Botany as subsidiary subjects of any University or Institution recognised by the University Grants Commission for the purpose of its grant.

(2) Demonstrator (Chemistry) : A first or second class degree of B.Sc. with Chemistry as main and Physics as subsidiary subjects of any University or Institution recognised by the University Grants Commission for the purpose of its grant.

(3) Demonstrator (Physics) : A first or second class degree of B.Sc. with Physics as main and Chemistry and Mathematics as subsidiary subjects of any University or Institution recognised by the University Grants Commission for the purpose of its grant.

No age-limit for members of Scheduled Castes, 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 in the N.C.C. 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 were below 40 years of age on 1st July 1971, and 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 STAMPED (THIRTY PAISE) ENVELOPE OF ATLEAST 23 C.M. IN LENGTH SUPERSUBSCRIBED AS 'BOOK-POST'.**

30A

## TAMIL NADU PUBLIC SERVICE COMMISSION.

Applications are invited up to 5 p.m. on 5th October 1971 for the undermentioned posts.

**I. ONE APPOINTMENT TO THE POST OF PRODUCTION ASSISTANT IN THE ENVELOPE MAKING UNIT, UTHUKOTTAL, SRIPERUMBUDUR PROJECT IN THE TAMIL NADU INDUSTRIES SUBORDINATE SERVICE.**

*Pay.*—Rs. 325—15—475—20—575—25—650 per mensem.

*Age.*—Below 30 years on 1st July 1971.

*Qualifications.*—(1) A diploma in Licentiate in Printing Technology issued by any recognised Institution or Board ; and

(2) Practical experience in an Envelope Making Unit for a period of not less than one year.

**II. FOUR APPOINTMENTS OF SENIOR INSTRUCTORS IN ELECTRONICS AND COMMUNICATION ENGINEERING IN GOVERNMENT POLYTECHNICS FOR WOMEN IN THE TAMIL NADU EDUCATIONAL SUBORDINATE SERVICE (WOMEN ALONE ARE ELIGIBLE TO APPLY).**

*Pay.*—Rs. 400—15—475—20—575—25—650 per mensem.

*Age.*—Below 30 years on 1st July 1971. Upper age limit relaxable up to ten years in the case of physically handicapped persons.

*Qualification.*—A Bachelor's degree in Electronics and Communication Engineering.

**III. FOUR APPOINTMENTS OF JUNIOR INSTRUCTORS IN ELECTRONICS AND COMMUNICATION IN GOVERNMENT POLYTECHNICS FOR WOMEN IN THE TAMIL NADU EDUCATIONAL SUBORDINATE SERVICE (WOMEN ALONE ARE ELIGIBLE TO APPLY).**

*Pay.*—Rs. 325—15—550 per mensem.

*Age.*—Below 27 years on 1st July 1971. Upper age limit relaxable up to ten years in the case of physically handicapped persons.

*Qualification.*—A diploma in Electronics and Communication Engineering.

**IV. SEVEN APPOINTMENTS OF ENTOMOLOGICAL ASSISTANTS IN THE TAMIL NADU PUBLIC HEALTH SUBORDINATE SERVICE.**

*Pay.*—Rs. 300—10—350—15—500 per mensem.

*Age.*—On 1st July 1971, he must have completed 18 years and must be below 32 years ; Upper

age limit relaxable up to ten years in the case of physically handicapped persons.

*Qualifications.*—(1) A degree in Zoology or Agriculture of any University or Institution recognised by the University Grants Commission for the purpose of its grant (Or)

(ii) B.S.Sc. degree or the diploma in Public Health of any University or Institution recognised by the University Grants Commission for the purpose of its grant.

(iii) A certificate of having undergone a special course of Training in Sanitary Science in the Medical College, Madras, for a period of not less than one year and of having passed the examination for Licentiate in Public Health held at the end of the course. (Or)

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. Upper age-limits relaxable by 5 years for other Scheduled Castes and Scheduled Tribes. Goldsmiths affected by the Gold Control Order their sons and their 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 were below 40 years of age on 1st July 1971 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 stamped (Thirty paise) envelope of at least 23 centimetres in length superscribed as ' Book-Post '. 18

### TENDER NOTICE No. 33

GOVERNMENT OF TAMIL NADU  
(PUBLIC WORKS WORKSHOPS AND STORES)  
PUBLIC WORKS DEPARTMENT.

Sealed tenders are invited by the undersigned up to 1-00 p.m. on 15th September 1971 for " Running a Canteen on lease " at the Public Works Workshops and Stores, Madras-1."

Necessary tender specifications and conditions may be had from the P.A. to the undersigned, free of cost, on application.

General Superintendent, Public Works Workshops and Stores.  
21A

**APPOINTMENT TO THE POST OF LEGAL ADVISER TO THE DEPUTY INSPECTOR-GENERAL OF POLICE, C.I.D., MADRAS.**

Applications are invited from qualified persons holding the post of Assistant State Prosecutors in the Madras City and Assistant Public Prosecutors, Grade I, in the districts for appointment as Legal Adviser to the Deputy Inspector-General of Police, C.I.D., Madras.

2. The appointment is temporary for the present.
3. The scale of pay is Rs. 700—40—1,100.
4. The person appointed will be subject to the rules and regulations, prescribed in Class XLIV of the Madras General Service for the post of the Legal Adviser to the Deputy Inspector-General of Police, C.I.D., Madras.

5. *Qualifications.*—A candidate for appointment to the post shall possess the following qualifications:

(i) Must have obtained at least a Bachelor's Degree in Law of any University or Institution recognised by the University Grants Commission for the purpose of its grants or equivalent foreign qualifications; and

(ii) Must have had at least five years' experience as a member of the Bar or must have worked as Assistant Public Prosecutor, Grade II, prior to his appointment as Assistant Public Prosecutor, Grade I, in the mufassal; Or

Must have had atleast five years' experience as a member of the Bar or must have worked as Assistant Public Prosecutors, Grade I or Grade II, prior to his appointment as Assistant State Prosecutor in the Madras City.

6. The applicant must be of good character, sound health, good physique and active habits, free from any defect or infirmity disqualifying him from Government service.

7. If necessary, the applicant must be prepared to appear for personal interview at his own cost at Madras on a date which will be notified to him.

8. Every applicant must pay a fee of Rs. 15 into a Government treasury or into the Reserve Bank of India, Madras, or its agency to the credit of the Madras Government under the head "XIX. Police—h. Miscellaneous—Miscellaneous" and forward the chalan along with his application.

9. The fee paid will in no case be refunded and no reasons will be furnished for non-selection.

10. Applications should be submitted with particulars regarding (i) date of birth, (ii) age, (iii) qualifications (with academic distinctions, if any), (iv) date of enrolment as an advocate or total service at the Bar, (v) date of appointment to the present post and (vi) length of service as Assistant State Prosecutor or Assistant Public Prosecutor, Grade I.

11. An applicant will be disqualified who either by himself or through others attempts to

canvass or bring influence to bear on any officer who takes any part in the selection of candidates.

12. The application with the particulars, etc., as notified above should be sent through the proper official channel by registered post superscribed as follows to the Assistant Inspector-General of Police, Madras-4, so as to reach him on or before **20th September 1971.**

"Applications for appointment as Legal Adviser to the Deputy Inspector-General of Police, C.I.D., Madras".

13. A copy of this notification has been published in the *Tamil Nadu Government Gazette*, dated 18th August 1971 for the information of the applicants.

**F. V. ARUL,**  
Inspector-General of Police.

11

**NOTIFICATION.**

Applications are invited by the Superintendent, Central Jail, Coimbatore up to 15th September 1971 for the post of Additional Dyeing Master. The post is permanent and is pensionable. The scale of pay is Rs. 250—10—400 p.m. with all allowances in force. Candidates possessing the following qualifications may send their applications to the undersigned on or before the due date. Applications received after the due date will not be considered.

1. *Age* :—Not eligible for appointment, if he has completed 35 years of age on 1st July 1971. For Scheduled Caste or Scheduled Tribes the age-limit will be increased 5 years.

2. *Qualifications.*—Minimum general educational qualifications as prescribed in the schedule to the general rules.

(ii) Provided that preference shall be given to candidates possessing higher educational qualification. (iii) Diploma in Technical and applied chemistry of the Victoria Jubilee Technical Institute, Bombay with Textile Chemistry (Dyeing, Bleaching and Sizing) as the special subjects.

or

(iv) B.Sc., Technological degree of the University of Bombay in Bleaching, Dyeing, Finishing and Printing or the Supervisor's Course certificates of the Government Textile Institute, Madras in Hand Process Bleaching Dyeing, and Cloth Printing and (v) Practical experience in a dyeing mill for a period of not less than 6 months

or

(vi) D.G.E. & T. Diploma or National Trade Certificate in the Trade Bleaching, Dyeing and Printing.

(vii) Practical experience for not less than three years. 17

**S. VASUDEVAN,**  
Superintendent.

**HIGHWAYS AND RURAL WORKS  
DEPARTMENT, TAMIL NADU.**

**CHIT TENDER NOTICE.**

For and on behalf of Governor of Tamil Nadu, sealed schedule tenders will be received by the Superintending Engineer (Highways and Rural Works), Tiruchirappalli at his Office at Subramaniapuram, Pudukkottai Road, Tiruchirappalli upto 3-30 p.m. on 8th September 1971 (Wednesday) for the work noted below and opened at 3-35 p.m. on the same date.

<i>Name of work.</i>	<i>E.M.D.</i>	<i>Availability of tender schedule.</i>
(1)	(2)	(3)
	RS.	
Constructing a bridge at K.M. 60/2 (Mile 37/5, of Muthupet-Minirisal Road.	7,250	Divisional Engineer (H. & R.W.), Thanjavur.

Particulars of tender conditions, prescribed forms schedules, plans, etc., can be obtained from the Office of the Divisional Engineer (Highways and Rural Works), Thanjavur on requisition in writing and on payment of Rs. 20-60 per set including Sales Tax (Not refundable) in all working days during working hours from 25th August to 7th September 1971.

Alternative designs will not be entertained.

The Earnest Money Deposit noted above shall be removed in any of the Government Treasuries within the jurisdiction of the Divisional Engineer (Highways and Rural Works), Thanjavur under "Revenue Deposit" and the receipted chalan should be enclosed with the tender.

Earnest Money Deposit in the shape of 12 Year National Defence Certificates, 10 year 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 the Reserve Bank of India to the Bank Guarantee is obtained and enclosed with the tender.

Tenders without Earnest Money Deposit will be summarily rejected. 23A

**A. DEVAPRIAM,**  
Superintending Engineer (H. & R. W.)  
Tiruchirappalli-1.

**HIGHWAYS AND RURAL WORKS  
DEPARTMENT, MADRAS CIRCLE.**

**CHIT RE-TENDER NOTICE.**

For and on behalf of the Governor of Tamil Nadu, 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, upto 3-00 p.m. on 15th September 1971 for the work noted below :

<i>Name of the work.</i>	<i>E.M.D. Amount.</i>
	RS.
Construction of three bridges across Backwaters near Thenpakkam in East coast road including formation of approach roads—in between the bridges for connecting them from Ch. 3,873.94 to 6,047.94.	41,695

Tenders will be opened on the same day, i.e. on 15th September 1971 at 3-15 p.m. by the Superintending Engineer (Highways).

Particulars of tender conditions, schedules, form and plans can be obtained from the Office of the Divisional Engineer (Highways), Chingleput, on requisition in writing and on payment of Rs. 51-75 per set (including sales tax) on all working days from 27th August to 14th September 1971 (both days inclusive) during office hours. This amount will not be refunded under any circumstances.

The earnest money deposit amount noted above should be remitted in any of the Government Treasuries within the jurisdiction of the Divisional Engineer (Highways and Rural Works), Chingleput, under the head "Revenue Deposit" to the credit of the Divisional Engineer (Highways and Rural Works), Chingleput, 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 based on alternate designs will not be considered.

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

**SUPERINTENDING ENGINEER (HIGHWAYS)**  
26A Madras Circle, Madras-25.

**HIGHWAYS AND RURAL WORKS  
DEPARTMENT, MADRAS CIRCLE.**

**Chit Tender Notice.**

For and on behalf of the Governor of Tamil Nadu 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 22nd September 1971 for the works noted below :

Widening and strengthening the carriage way in KM. 13/6—15/0 of Great Northern Trunk Road (National Highways 5).	4,40
Widening and strengthening the carriage way in KM. 15/0—16/8 of Great Northern Trunk Road (National Highways 5).	5,190
Widening and strengthening the carriage way in KM. 18/4—20/0 of Great Northern Trunk Road (National Highways 5).	4,620
Widening and strengthening the carriage way in KM. 20/0—21/0 of Great Northern Trunk Road (National Highways 5).	2,910

Tenders will be opened on the same day (i.e. on 22nd September 1971 at 3-15 p.m. by the Superintending Engineer (Highways).

Particulars of tender conditions, schedules, forms and plans can be obtained from the office of the Divisional Engineer (Highways and Rural Works), Wallajah Bridge Works Special, Madras-25 on requisition in writing and on payment of Rs. 25/88 (including sales tax) for each work on all working days from 6th September 1971 to 21st September 1971 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), Wallajah Bridge Works Special under the head "Revenue Deposit" to the credit of the Divisional Engineer (Highways and Rural Works), Wallajah Bridge Works Special 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.

**SUPERINTENDING, ENGINEER (HIGHWAYS)  
MADRAS CIRCLE, GUINDY, MADRAS-25.**

**HIGHWAYS AND RURAL WORKS  
DEPARTMENT, TAMIL NADU.**

**Chit Tender Notice.**

For and on behalf of Governor of Tamil Nadu, sealed schedule tenders will be received by the Divisional Engineer (H.R.W.), Pudukkottai at his office at South Four street, Pudukkottai upto 3-00 p.m. on 8th September 1971 (Wednesday) for the work noted below and opened at 3-05 p.m. on the same date.

<i>Item number and name of work.</i>	<i>EMD. RS.</i>	<i>Availability of Tender schedule.</i>
1 Reconstructing the minor bridge at k.m. 363.4 (M 222/4) of Madras in Tiruchy-Dindigul Road N.H. 45.	2,950	Divisional Engineer (H. & R. W.) Pudukkottai.

1. Particulars of tender conditions, prescribed forms, schedule, plans, etc., can be obtained from the Office of the Divisional Engineer (H. & R. W.), Pudukkottai on requisition in writing and on payment of Rs. 20/70 per set including sales tax (not refundable) in all working days during working hours from 2nd September 1971 to 7th September 1971.

2. The E. M. D. noted above shall be remitted in any of the Government Treasuries within the jurisdiction of the Divisional Engineer (H. & R. W.) Pudukkottai under "Revenue Deposit" and the receipted chalan should be enclosed with the Tender.

3. Alternative design for this proposal will not be entertained.

4. E. M. D. in the shape of 12 years N.D.C., 10 years Defence deposit certificates, State Government securities, Tamil Nadu State Electricity Board Bonds, Bank guarantees, Deposit of call receipts, demand drafts issued on scheduled banks will also be accepted.

5. The Reserve Bank concurrence for the bank guarantee should be obtained and enclosed and the tender received without this will be rejected.

6. Tenders without E.M.D. will be summarily rejected.

**S. DHANAPALAN,**  
*Divisional Engineer (Highways.)*

**GOVERNMENT OF TAMIL NADU.**

**HIGHWAYS AND RURAL WORKS  
DEPARTMENT.**

**Chit tender notice.**

For and on behalf of and by order and direction of the Governor of Tamil Nadu, sealed tenders will be received by the Superintending Engineer (Highways and Rural Works), Coimbatore for the undermentioned work at his office at Venkataramana Road, R.S. Puram, Coimbatore-2 up to 3-00 p.m. on 15th September 1971 and will be opened at 3-15 p.m. (as per office clock) on the same day.

<i>Name of work.</i>	<i>Division.</i>	<i>Amount of EMD.</i>
		RS.
Reconstructing the weak and narrow bridge at mile 29/1 (k.m. 46.6) of Salem-Tirupattur Road.	Krishnagiri ..	2,640

The particulars of tender, condition of contract with plans, schedules, etc., can be obtained from the Divisional Engineer (Highways and Rural Works), Krishnagiri on payment of Rupees twenty plus sales tax (non-refundable) on all working days from 1st September 1971 to 14th September 1971. No application for the issue of tender documents will be entertained on the date of tender.

The earnest money deposit for the work as specified in column No. 3 should be remitted in any of the Government Treasuries in the jurisdiction of the Divisional Engineer (Highways and Rural Works), Krishnagiri under the head of account "Revenue Deposit" on behalf of the Divisional Engineer (Highways and Rural Works), Krishnagiri and the receipted chalan should be enclosed with the tender. If the bank guarantee is produced towards earnest money deposit, it should be in the form prescribed by Government which may be obtained from the Divisional Engineer and the concurrence of the Reserve Bank of India to the bank guarantee should also be submitted along with the tender.

69-A

**B. S. Umar,**

**Superintending Engineer (Highways and Rural Works), Coimbatore.**

**TAMIL NADU SMALL INDUSTRIES  
CORPORATION LTD., 35-2, WOODS ROAD,  
MADRAS-2.**

**Auction Tender Notice No. 52441-G4-71, dated 21st  
August 1971.**

The Managing Director, Tamil Nadu Small Industries Corporation Limited, invites tenders for sale of auction in as-is-where-is conditions of *sub-standard* sanitarywares accumulated at the TANSI Ceramics, Vrindhachalam (South Arcot district), Tamil Nadu. The stock consists of 18", 20" and 23" Indian type Water Closets, European type Water Closets 'P' and 'S' traps, Wash basins, sinks of various sizes and other articles.

The stock can be inspected at the Factory premises on any working day between 10 a.m. to 4 p.m.

Parties should send their offers in a sealed cover addressed to the Additional Manager (Production Ceramics), Tamil Nadu Small Industries Corporation Limited, 35-2, Woods Road, Madras-2 superscribed "Tender for Sub-standard sanitarywares due on" so as to reach him on or before 3 p.m. on Monday, the 27th September 1971. Details of items proposed to be auctioned in various lots, earnest money deposit to be deposited for each lot, etc., are available in the tender documents which can be obtained from undersigned on payment of Rs. 5-25 either by money order or by cash to the Senior Accounts Officer (Cash), Tamil Nadu Small Industries Corporation Limited, Madras-2.

37

**Managing Director.**

**Government of Tamil Nadu—Agriculture Department.**

**TENDER NOTICE.**

On behalf of the Government of Tamil Nadu, sealed tenders are invited for the supply of the following article :—

<i>Serial number and description of articles.</i>	<i>Nos.</i>
---	-------------

- |   |    |
|---|----|
| 1. Exploder box—Generator type—<br>Hand Operated 50 short Exploder<br>Box—with leather case and<br>shoulder strips ... .. | 20 |
|---|----|

Tender documents with detailed specifications for the abovementioned can be had from the Assistant Agricultural Engineer (Central Stores), Nandanam, Madras-35, on payment of Rs. 5 plus S.T. in cash or money order on or before 15th Sept. 1971. Tenders must be only in the prescribed form and should reach the Assistant Agricultural Engineer (Central Stores), Nandanam, Madras-35, before 3-00 p.m. on 21st September 1971.

12

**Director of Agriculture, Chepauk, Madras-5.**

# AUCTIONS

The following quantity of timber will be sold in auction in the place and date noted below, by the District Forest Officer, Nilgiris Division or an officer authorised by him commencing at 9-00 a.m.

Place of sale : Central Depot, Kargudi (and) Road side depot, Thorapalli.

Date of sale : 9th September 1971.

Species.	Approximate Quantity.
	CUBIC METRE.
1. Rosewood .. ..	10
2. Teak .. ..	140
3. Mathi .. ..	175
4. Grevia .. ..	100
5. Honnai .. ..	50
6. Nandhi .. ..	75
	<hr/>
	550
	<hr/>

Place of sale : Central Depot, Cherambadi.

Date of sale : 14th September 1971.

Species.	Approximate Quantity.
	CUBIC METRE.
1. Rosewood .. ..	20
2. Aini .. ..	230
3. Nandhi .. ..	55
4. Miscellaneous	79
	<hr/>
	384
	<hr/>

Further particulars can be had from the District Forest Officer, Nilgiris Division, Ootacamund or from the Range Officers concerned.

**S. SUBBARAYALU NAIDU,**  
District Forest Officer.

27A

## AUCTION SALE NOTICE. PUBLIC WORKS DEPARTMENT.

One G.M.C. Petrol Lorry 1949 Model (not in working condition) will be sold in Public Auction

as is where is basis at L.E.P. Colony, Erode-2, by an Officer of P.W.D. at 11 a.m. on 17th September 1971.

The lorry can be inspected on any working day of division office at the above premises.

The conditions of sale can be had from the Executive Engineer, Public Works Department, Erode Division, on payment of Rs. 2-06 (Rupees two and paise six only).

**S. L. SUNDARAM,**  
Executive Engineer, Public Works Department,  
Erode Division, Erode-2.

## TENDER NOTIFICATION:

Sealed tenders are invited up to 10-30 a.m. on 13th September 1971, by the undersigned (by name) for sale of Station Wagon MDH. 1781. Sales Tax at 15 per cent on the sale amount will be collected from the tenderer. Interested parties may contact Reserve Inspector, Armed Reserve, Salem for details.

### Description of vehicle.

Registration No.—MDH. 1781.  
Make—Stude Baker—Conestoga.  
Model—1955.  
Type—Station Wagon.

**K. K. RAJASEKARAN NAIR,**  
Superintendent of Police, Salem.

**Tamil Nadu Small Industries Corporation Limited.**  
(An undertaking of Government of Tamil Nadu.)  
No. 35/2, Woods Road, Mount Road, Madras-2

TENDER No. 50420/PA 1/71, dated 3rd August 1971.

Sealed tenders are invited up to 2 p.m. on 16th September 1971, for the disposal of Electroplating equipments comprising of polishing lathes, barrels, tanks, etc. and electroplating materials and consumable stores available in our unit at Madras in "AS IS WHERE IS" condition. The tenders will be opened at 3 p.m. on 16th September 1971.

Detailed specifications of the above items and conditions of tender can be had from the Deputy Manager (Purchase) of this Corporation on payment of Rs. 5-25 (Non-refundable) inclusive of Sales Tax, by cash or money order only in favour of the Senior Accounts Officer (Cash) of this Corporation.

**Managing Director.**

10

**GOVERNMENT OF TAMIL NADU.  
AGRICULTURE DEPARTMENT.**

**PUBLIC AUCTION.**

One jeep (MDC 8350) belonging to the Agriculture Department will be disposed off in public auction on 6th September 1971 at 10 a.m. by the Assistant Soil Chemist, Soil Testing Laboratory at 49, Vice Chairman Paramasiva Mudaliar Street, Kancheepuram-2.

The vehicle can be inspected in the above premises on any working day during office hours.

The Department reserves the right to cancel or postpone the auction without any notice in the interest of Government.

Further details regarding the conditions and terms of the auction can be had from the above officer.

**Director of Agriculture,  
Madras.**

22A

**GOVERNMENT OF TAMIL NADU.  
FIRE SERVICE DEPARTMENT.**

**Auction Notice.**

The following Condemned Fire Tender MSY 7190 will be sold in public auction at 11-00 hours on Wednesday the 8th September, 1971 at Tiruchirappalli Fire Station where the vehicle is available for inspection.

<i>Registration number.</i>	<i>Class of vehicle.</i>	<i>Make.</i>	<i>Year model.</i>
MSY. 7190	Fire Tender.	Austin.	1953

Conditions of sale can be had from the Divisional Fire Officer, Tiruchirappalli.

**I. RATHINASAMY,**

**32-A Divisional Fire Officer, Tiruchirappalli  
AUCTION.**

"One Petrol Driven Willys Station Wagon 1956 Model 4 Wheel Drive—104½" Wheel Base—Registration No. MDH 2018 of this Department will be sold in public auction in as is where is condition at 10-30 a.m. on 8th September 1971 at the Office of the District Health Officer, Jones Road, Saidapet.

Intending bidders may inspect the vehicle at the said premises during office hours. Conditions of sale can be had from the same office in person or through a written requisition along with a self addressed envelope."

**Director of Health Services  
and Family Planning, Madras.**

**TAMIL NADU FIRE SERVICE.  
AUCTION NOTICE.**

Condemned Trailer Pump MSY 2367 (Large Coventry Climax 1955 Model) will be sold in Public Auction at 10 a.m. on Monday the 27th September 1971 at the Cuddalore Fire Station, Beach Road, Cuddalore-1, where the vehicle can be inspected. Conditions of sales can be had from the undersigned.

49-A

**V. JAYAPERUMAL,  
Divisional Fire Officer,  
Anaikuppam, Cuddalore.**

**DAIRY DEVELOPMENT DEPARTMENT.**

For and on behalf of the Governor of Tamil Nadu sealed Tenders are invited for the sale of the following articles.

- Transport Flasks with wide mouth.
- Transport Boxes for Flasks.
- Artificial Insemination kits.

Tender schedules together with the detailed terms and conditions can be had from the office of the Commissioner for Milk Production and Livestock Development, Madras-51, on any working day on payment of Rs. 10 plus sales tax at 3 1/2 per cent and surcharge at 5 per cent on sales tax for each set. The tenders will be received upto 11-00 a.m. on 15th September 1971 and will be opened at 11-15 a.m. on the same day in the presence of the Tenderers or their authorized representatives who may desire to be present.

**M. K. GOMETHAGAVELU,  
Commissioner.**

39-A

**AUCTION.**

**TAMIL NADU FIRE SERVICE.  
PALAYAMKOTTAL.**

Condemned Fire Tender MSY 6707—Studebaker—1953 Model, will be sold in public auction at 11 a.m. on Saturday the 25th September 1971 at Palayamkottai Fire Station, where the Fire Tender can be inspected during office hours on any working day. Conditions of sale can be had from the undersigned.

**M. S. SUBRAMANIAM,  
Divisional Fire Officer,  
Palayamkottai.**

47-A

## TENDER.

### GOVERNMENT OF TAMIL NADU, CIVIL SUPPLIES DEPARTMENT.

The Commissioner of Civil Supplies, Ezhilagam, Chepauk, Madras-5 on behalf of the Government of Tamil Nadu invites tenders in the prescribed form for appointment of contractors for transportation of foodgrains and other commodities dealt with by the Civil Supplies Department from Railheads and Harbour in Madras City to the City godowns and also to the godowns in Avadi and Chrompet and vice versa and also for the supply of labour for handling of foodgrains in the godowns in Madras City, Avadi and Chrompet and also in Railheads and Harbour in Madras City for a period of one year from the date of acceptance of the tender. Tenders will be received by Deputy Commissioner of Civil Supplies (Distribution) upto 3 p.m. on 20th September 1971 at Ezhilagam, Chepauk, Madras-5. Tender forms and tender conditions can be had from the Office of the Commissioner of Civil Supplies on production of chalans for having remitted a sum of Rs. 10 (Rupees ten only) (not refundable) in the Reserve Bank of India, Madras under the head "XXI. Miscellaneous Department—Receipts—e. Civil Supplies Department—3 (ii) Miscellaneous Receipts" and for having remitted a sum of Rs. 0.30 (not refundable) towards sales tax under the head "XII Sales Tax(d) Miscellaneous—Madras General Sales Tax Act, 1959".

**Deputy Commissioner of Civil Supplies  
(Distribution), Madras-5.**

GOVERNMENT OF TAMIL NADU,  
GOVERNMENT STANLEY HOSPITAL,  
MADRAS.

### TENDER NOTIFICATION.

Sealed tenders are invited upto 2 p.m. on 10th September 1971 by the Dean, Government Stanley 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 six months from 1st October 1971 to 31st March 1972 in the prescribed form which can be obtained from the Medical Stores of the Government Stanley Hospital, Madras on requisition accompanied by two chalans one for Rs. 2 (Rupees two only) credited under "XXIII. Medical.—K. Miscellaneous Receipts and

the other for Re. 0-07 (Rupee nil and paise seven only) credited under "XII Sales Tax" towards the cost of tender form and sales tax respectively.

DEAN,  
Government Stanley Hospital,  
Madras-1.

### TAMIL NADU ELECTRICITY BOARD ENNORE THERMAL SCHEME

ENNORE, MADRAS-57.

Tender Notice.

Specification No. SE/ETS. 2/71-72.

1. For and on behalf of the Tamil Nadu Electricity Board sealed tenders superscribed "Tamil Nadu Electricity Board Ennore Thermal Scheme—Sale of used and defective equipments—Specification No. SE/ETS. 2" and the name of the tenderer will be received by the undersigned at his office up to 3-30 p.m. on 7th September 1971 and will be opened at 4-00 p.m. on the same date and in the presence of such of those tenderers who are present.

2. *Materials available for disposal (Defective/used).*

Air Compressors, Concrete Mixers, pumps with motor and without motor, vehicles, wagon drills, diesel engine, trailer, workshop equipments, etc.

3. Copies of tender set can be had from the office of the undersigned on payment of Rs. 5 (Rupees five only) in cash, not refundable under any circumstances.

4. The Earnest Money payable for the work is Rs. 3,000 (Rupees three thousand only). The amount should be paid in advance as specified in the tender set.

5. Tenders not submitted in the departmental form and on due date will be rejected. The undersigned reserves the right to distribute the work among tenderers or reject any or all the tenders without assigning any reasons therefor.

6. The Electricity Board is not responsible either for any loss of tender set during transit or delay in receipt if sent by post. The tender forms are not transferable.

88A **Superintending Engineer,  
Ennore Thermal Scheme, Ennore, Madras-57.**

## TAMIL NADU ELECTRICITY BOARD.

### PARAMBIKULAM ALIYAR H.E. SCHEME, MINPARAI.

#### TENDER NOTICE.

For and on behalf of the Tamil Nadu Electricity Board sealed tenders are invited by the undersigned up to 15-30 hours on 24th September 1971 for sale of scrap materials such as M.S. Scraps, Tyre Scraps, Copper Scraps, other miscellaneous scraps, condemned Loco, absolute materials, etc., at Minparai Central Stores. The tenders will be opened at 16-00 hours on 24th September 1971 in the presence of such of these tenderers that may be present on the day at the time of opening.

Tender sets will be available for sale at this office on any working day from 6th September 1971 on payment of Rs. 5 (not refundable) either in cash or by money order to this office.

An earnest money deposit of 10 per cent of the value of scrap tendered is to be remitted in the office of the undersigned either in cash or by demand draft on State Bank of India, Pollachi and the cash receipt or demand draft attached with the tender. The tenders without remittance of earnest money deposit will be summarily rejected.

The tender set will be sent to the applicant only in ordinary post and the Board is not responsible for any loss in transit.

The tender forms are not transferable.

Superintending Engineer,  
Parambikulam Aliyar  
H.E. Scheme.

54A Repeat

## TAMIL NADU ELECTRICITY BOARD.

### TENDER NOTICE E. 1497.

#### Supply of Liquid Chlorine in Ton Containers for Ennore Thermal Station.

For and on behalf of the Tamil Nadu Electricity Board sealed tenders (in triplicate) complete with technical particulars and other details with the tender notice number and due date superscribed on the cover will be received by the undersigned up to 12 noon on 22nd September 1971 for supply of :

Description.	Quantity.	Earnest money deposit.
Liquid Chlorine conforming to IS-646 1956 in standard ton containers.	50 Metric Tonnes.	Rs. 500

The following details shall also be furnished in the tender failing which the tenders are likely to be rejected:—

1. Dimensions of the ton container.
2. Weight of the ton container with and without chlorine.
3. Pressure in the container when fully charged.
4. Rent for the container if any.
5. Mode of transport from works to Ennore site.
6. Detailed instructions on handling and storing of the ton containers.

7. Details of D.G.S. and D rate contract if any available for liquid chlorine.

Firm price shall be quoted for delivery at Ennore, inclusive of insurance charges, loading and unloading charges, etc., but exclusive of excise duty, sales tax and other statutory levies.

Price ex-works shall also be furnished. Supply of chlorine may have to commence in October 1971. The quantity required is provisional and is subject to increase or decrease depending upon the actual requirements.

The supply of chlorine at the rate of 5 to 6 M.T. per month for first nine months would be required initially and this may be extended for further periods or the quantities may be increased according to requirements.

The tenderer is requested to take note of the above and quote his lowest rate based on the above.

The prices quoted shall be kept firm for the entire duration of the contract. Tenders will be opened at 3 p.m. on 22-9-1971 in the presence of such of those tenderers as may desire to be present.

Earnest money deposit of Rs. 500 (rupees five hundred only) should be sent in the form of crossed demand draft in favour of Accounts Officer, Madras Electricity System (Distribution), 157, Anna Salai, Madras-2, along with the tenders failing which the tenders will be rejected summarily. Cheques or Bank Guarantee will not be accepted.

Tenders received after the due date will not be considered.

The tenders shall be valid for acceptance for a period of 90 days from the date of opening of tenders.

All standard terms and conditions of the Board regarding payments, general and technical conditions, shall apply to this specifications.

The Board reserves the right not to accept the lowest or any tender as also revise the quantity and split and place orders on one or more tenderers.

There is no other separate tender forms or detailed specifications.

Superintending Engineer,  
Technical (Electrical).

# TAMIL NADU ELECTRICITY BOARD, ENNORE THERMAL SCHEME.

## TENDER NOTICE.

*Specification Nos. AEP. 68 to 76.*

For and on behalf of the Tamil Nadu Electricity Board—Sealed tenders superscribed, Tamil Nadu Electricity Board, Ennore Thermal Scheme, Supply of Scaffolding Pipes, etc., AEP. 68 to 76 and the names of the tenderers will be received by the undersigned at his office up to 3-30 p.m. on 17th September 1971 and will be opened at 4-00 p.m. on the same date and in the presence of such of those tenderers present. Details of the materials required, corresponding Specification Numbers and Earnest money deposits are indicated below :—

<i>Serial number and details.</i>	<i>Specifi- cation Number.</i>	<i>Cost of tender set.</i> RS.	<i>Earnest money deposit.</i> RS.
1 M. S. Black Tubular Scaffolding pipes 1.29"/32 mm. O.D. × 8G Plain ends ... ..	AEP. 68 ...	5-00	1,000
2 50 mm. Standard 90° and Swivel clips for Scaffolding pipes ... ..	AEP. 69 ...	5-00	600
3 G.I. Barbed wire ... ..	AEP. 70 ...	5-00	500
4 Air Filter for P & H 955A Crane ... ..	AEP. 71 ...	5-00	100
5 Frock Chain for Unicop 100: mobile Crane ... ..	AEP. 72 ...	5-00	300
6 G.I. Hexagonal Wire netting 3/4" × 24 G and G.I. Binding Wire 24 SWG ... ..	AEP. 73 ...	5-00	500
7 Chain link Fencing of Size 1371.6 m. × 18288m. ... ..	AEP. 74 ...	5-00	1,300
8 Self tapping screws (GKW) make Pan head 3/4" long 8 ... ..	AEP. 75 ...	5-00	500
9 Steel Locker Cup boards (single and double units). ... ..	AEP. 76 ...	5-00	700

Tenders not submitted in the Departmental form and on due date will be rejected. The undersigned reserves the right to distribute the work among tenderers or reject any or all the tenders without assigning any reasons therefor.

The Electricity Board is not responsible for any loss of tender set during transit if sent by post. The tender forms are not transferable.

**Superintending Engineer,  
Ennore Thermal Scheme,  
Ennore, Madras-57.**

## ADDENDUM TO TENDER NOTICE.

**Ennore Thermal Scheme—II Stage—Design, fabrication, supply and erection of about 2,000 tonnes of structural Steel work for power house extension for 5th unit—Specification No. C. 1101.**

The due date of opening for tender to Specification C. 1101 is extended up to 12-00 noon on Wednesday 13th October 1971.

**Superintending Engineer,  
Technical (Civil).**

## TAMIL NADU ELECTRICITY BOARD.

### TENDER NOTICE.

For and on behalf of the Tamil Nadu Electricity Board, separate sealed tenders with the tender notice No. and the due date superscribed on the cover are invited by the undersigned for the supply of the following :—

<i>Description.</i>	<i>Specifi- cation No.</i>	<i>Total Qty. required.</i>	<i>Earnest money deposit.</i>	<i>Due date and time.</i>
Supply of Caustic Soda Flakes (Rayon grade) conforming to I.S. 1021 of 1964 with amendment No. 1-1966.	E 1498	300 Tonnes	RS. 1,000	12 noon on 5-10-1971

The prices should be firm for delivery F.O.R. Ennore and shall be inclusive of Transit insurance and Excise Duty but exclusive of Sales Tax and other duties. The exact amount of excise duty if any included in the prices should be indicated.

#### Terms of Payment :

(a) 90 per cent will be paid on receipt of the material at site in good condition.

(b) Balance 10 per cent payment will be made within 3 months of receipt of materials at site in good condition and after the approval of test certificates whichever is later.

#### Delivery :

The chemicals offered shall be either from stock or to be supplied on quick delivery basis.

#### Penalty :

The delivery of the materials shall be guaranteed under penalty of 1/2 per cent per week subject to a maximum of 10 per cent of the delayed portion.

#### Validity :

The tenders shall be kept valid for 90 days from the date of opening. There are no other separate tender forms or detailed specifications.

The tenders should be addressed to Chief Engineer, Electricity, Tamil Nadu Electricity Board, 157, Mount Road, Madras-2, and must be sent in a sealed envelope addressed to Superintending Engineer, Technical (Electrical), 157, Anna Salai, Madras-2, so as to reach him not later than the due date and time mentioned above.

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. The Board reserves the right not to accept the lowest or any tender. The Board also reserves the right to split the tenders and place orders for supply covered by the specification on one or more tenderers.

#### Earnest Money Deposit :

A demand draft in favour of the Accounts Officer, Madras Electricity System (Distribution), No. 157, Anna Salai, Madras-2, for the amount specified shall be submitted with the tender towards the Earnest Money Deposit, failing which the tenders are liable to be rejected. Cheques will not be accepted. Alternatively Earnest Money Deposit may be paid in cash to the above officer and the cash receipt enclosed to the tender.

Superintending Engineer, Technical (Electrical).

---

## TAMIL NADU ELECTRICITY BOARD.

### Tender Notice Extended.

Amendment No. 1—To Specification C. 1103—Construction of 1 Block of 12G Type Quarters at Sand Bar near Ennore.

The last date for receipt of the tenders to Specification C. 1103, is extended upto Wednesday 15th September 1971—12:00 noon.

Superintending Engineer Technical (Civil).

# TIRUCHIRAPPALLI ELECTRICITY SYSTEM.

## TENDER NOTICE.

Separate sealed tenders with specifications number and due date superscribed on the covers are invited for supply of the following materials by the undersigned up to 1.00 p.m. on the due dates noted against each:—

Tender TRP number.	Description of materials.	Place of delivery.	Approximate quantity required.	Due date.
(1)	(2)	(3)	(4)	(5)
1/71-72	... Forged G.I. L.T.Pins only	... Tiruchirappalli.	4,000 dozens.	6th September 1971.
2/71-72	... M.S. Bolts and nuts (63×10 mm.)	Do.	10 tonnes ...	Do.
3/71-72	... M.S. Bolts and nuts (50×10 mm.)	Do.	10 tonnes ...	Do.
4/71-72	... M.S. Bolts and nuts (38×10 mm.)	Do.	10 tonnes ...	Do.
5/71-72	... E.S.C. Coiled Coil gas filled Electric bulbs 40 Watts, 250 V.	Do.	25,000 Nos.	Do.
6/71-72	... E.S.C. Coiled Coil gas filled Electric bulbs 40 Watts, 250 V.	Ariyaloor ...	10,000 Nos.	Do.
7/71-72	... B.C. Coiled coil gas filled Electric bulbs 40 Watts, 250 V.	Tiruchirappalli.	25,000 Nos.	Do.
8/71-72	... M.S. Guy clamps (ordinary) for 24 R.C.C. pole.	Do.	10,000 pairs.	9th September 1971.
9/71-72	... M.S. Guy clamps (special) for 24' R.C.C. pole.	Do.	10,000 pairs.	Do.
10/71-72	... M.S. Guy clamps (ordinary) for 27 R.C.C. pole.	Do.	5,000 pairs.	Do.
11/71-72	... M.S. Guy clamps (special) for 27 R.C.C. pole.	Do.	5,000 pairs.	Do.
12/71-72	... Porcelain Fuse units with tinned copper metal parts 100 Amps., 500 V.	Do.	4,000 Nos.	Do.
13/71-72	... Porcelain Fuse units with tinned copper metal parts 200 Amps., 500 V.	Do.	2,500 Nos.	Do.
14/71-72	... Iron clad cutouts complete with fuse unit 30 Amps., 500 V.	Do.	5,000 Nos.	Do.
15/71-72	... Iron clad cutouts complete with fuse unit 15 Amps, 500 V.	Do.	5,000 Nos.	Do.
16/71-72	... M.S. Hexagonal bolt and nuts (63×16 mm.).	Do.	10 tonnes ...	13th September 1971.
17/71-72	... M.S. Hexagonal bolt and nuts (75×16 mm.).	Do.	10 tonnes ...	Do.
18/71-72	... M.S. Hexagonal bolt and nuts (90×16 mm.).	Do.	10 tonnes ...	Do.
19/71-72	... M.S. Hexagonal bolt and nuts (100×16 mm.).	Do.	10 tonnes ...	Do.
20/71-72	... M.S. Hexagonal bolt and nuts (113×16 mm.).	Do.	10 tonnes ...	Do.
21/71-72	... M.S. Hexagonal bolt and nuts (150×16 mm.).	Do.	10 tonnes ...	Do.
22/71-72	... Domestic service connection pipe made out of 20 mm. G.I. pipe.	Do.	4,000 Nos.	15th September 1971.

<i>Tender TRP No.</i>	<i>Description of materials.</i>	<i>Place of delivery.</i>	<i>Approximate quantity required.</i>	<i>Due date.</i>
(1)	(2)	(3)	(4)	(5)
23/71-72	'A' Type boxes	Tiruchy.	400 boxes	15th September 1971.
24/71-72	Street light fixtures	Do.	1,000 Nos.	Do.
25/71-72	M.S. Washers (5/8") 16 mm.	Do.	5 tonnes	Do.
26/71-72	T.W. Meter Boards 450×300×15 mm.	Do.	10,000 Nos.	18th September 1971.
27/71-72	T.W. Meter Boards 500×350×15 mm.	Do.	5,000	Do.
28/71-72	Aluminium Paint	Do.	5,000 litres.	Do.
29/71-72	Metal parts for L.T. Shackles	Do.	2,500 dozens.	Do.

Copy of Tender Specifications can be had on payment of Rs. 5 (Rupees five only) (not refundable) for each specification either by Cash or Money Order to Chief Accountant/Expenditure/Tiruchy Electricity System, Tiruchy-I mentioning clearly specification required in the Money Order coupon. The Money Order sent without any mention of the Tender Specification required will not be accepted. The Board is not responsible for any loss in transit. Requisition for specification should be sent at least 4 (four) days in advance before the due date.

The tenders will be opened at 4.00 p.m. on the due dates mentioned against each item in the presence of those tenderers who may be present. Tenders received after the due date will not be considered. The undersigned reserves the right to split the tenders and place order for supply of the above materials on One or More Tenderers and not to accept the lowest or any tender.

**Superintending Engineer,  
Tiruchy Electricity System,  
Mannarpuram, Tiruchirappalli.**

77-A

**TAMIL NADU ELECTRICITY BOARD.  
TENDER NOTICE—K2 CONTRACT.**

**Specification No. SCE. 406.**

For and on behalf of the Tamil Nadu Electricity Board sealed tenders superscribed with the name of the work specification number and name of tenderer will be received by the undersigned at this office upto 15-30 hours on the due date noted.

The tender will be opened at 16-00 hours on the same day in the presence of such of those tenderers or their representatives as may be present.

<i>Specn., No.</i>	<i>Name of work.</i>	<i>E.M.D.</i>	<i>Cost of tender.</i>	<i>Due date.</i>
SCE. 406	Ennore Thermal Scheme, Ennore Transport and erection of high pressure parts and non-pressure parts of Boiler IV370 t/hr.	Rs. 2,500 for each schedule.	Rs. 5.	16-9-71.

2. Copies of tender set can be had from the office of the undersigned on payment of the cost of the set, in cash which is not refundable under any circumstances.

3. The Earnest money deposit payable for the work should be paid in advance in cash or by demand draft at the office of the undersigned and only the receipt thereof enclosed to the tender.

4. Tenders not submitted in Board's form and on due date and time will be summarily rejected.

5. The undersigned reserves the right to distribute the work among all or some of the tenderers or to reject any or all the tenders without assigning any reason therefor.

6. The Board will not be responsible for any loss of tender set during transit by post. The tender sets are not transferable. 38A

**SUPERINTENDING ENGINEER,  
Ennore Thermal Scheme, Ennore, Madras.**

# TAMIL NADU ELECTRICITY BOARD.

## TENDER NOTICE.

For and on behalf of Tamil Nadu Electricity Board, sealed tenders with Specification No. E. 1492 and due date superscribed on the cover are invited by the undersigned for the supply of the following:—

<i>Serial number and particulars.</i>	<i>Specifi- cation No.</i>	<i>Cost of specifi- cation.</i>	<i>Earnest Money Deposit.</i>	<i>Due date and time.</i>
1. Supply of control, protection, metering and 11 K.V. Bus duct equipments for the Vth Unit at Ennore Thermal Power Station.	E. 1492.	RS. 100	RS. 5,000	12 noon, 15th November 1971.

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. Copy of the specification/s can be obtained by remitting either by cash or by Money Order, the amount noted above to the *Accounts Officer*, Madras Electricity System (Distribution), No. 157, 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 this specification on one or more tenderers. Tenders received after the due date will be summarily rejected.

**Superintending Engineer,  
Technical (Electrical).**

## TENDER NOTICE.

For and on behalf of Tamil Nadu Electricity Board, sealed tenders with the Specification No. E.1496 and due date superscribed on the cover are invited by the undersigned for the supply of the following :—

<i>Particulars.</i>	<i>Specifi- cation No.</i>	<i>Cost of specifi- cation.</i>	<i>Earnest Money Deposit.</i>	<i>Due date and time.</i>
5 Nos. 33 KV 750 MVA 630 Amps, outdoor frame mounted breakers with 600-300/1-1A current transformers and all accessories complete.	E. 1496	RS. 25	RS. 5,000 (Rupees five thou- sand only).	12 noon, on 23rd Sep- tember 1971.
10 Nos. as above but with 400-200/1-1A Cts. instead of 600-300/1-1A CTs.				

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. Copy of the specification/s can be obtained by remitting either by cash or by Money Order, the amount noted above to the *Accounts Officer*, Madras Electricity System (Distribution), No. 157, 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 this specification on one or more tenderers. Tenders received after the due date will be summarily rejected. 43-A

**Superintending Engineer,  
Technical (Electrical).**

**TAMIL NADU ELECTRICITY BOARD.  
TENDER NOTICE.**

For and on behalf of Tamil Nadu Electricity Board sealed tenders with the specification No.E.1494 and due date superscribed on the cover are invited by the undersigned for the supply of the following items :—

*Due date and time—6th October 1971 (12-00 Noon).*

Particulars.	Specification number	Cost of Earnest	
		specifica- tion.	money deposit.
Supply and erection of electrical lighting installations at sand bar works of Ennore Thermal Power Station.	E-1494	RS. 20	RS. 1,000

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. Copy of the specifications can be obtained by remitting either by cash or by Money Order, the amount noted above to the *Accountis Officer*, Madras Electricity System (Distribution), 157, 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 and erection covered by this specification on one or more tenderers.

Tenders received after the due date will be summarily rejected.

29-A **Superintending Engineer,  
Technical (Electrical).**

**TAMIL NADU ELECTRICITY BOARD.  
TENDER NOTICE—K-2. CONTRACT.  
SPECIFICATION No. SCE. 407.**

For and on behalf of the Tamil Nadu Electricity Board sealed tenders superscribed with the name of the work, specification No. and name of tenderer will be received by the undersigned at this office up to 15-30 hours on the due date noted.

The tender will be opened at 16-00 hours on the same day in the presence of such of those tenderers or their representatives as may be present.

Name of work.	Cost of		Due date.
	E.M.D. tender set.	RS.	
Ennore Thermal Scheme, providing lightning protection to buildings Specn. No. SCE. 407	1,000	10	23rd September 1971.

2. Copies of tender set can be had from the office of the undersigned on payment of the cost of the set, in cash which is not refundable under any circumstances.

3. The earnest money deposit payable for the work should be paid in advance in cash or by demand draft at the office of the undersigned and only the receipt obtained thereof enclosed to the tender.

4. Tenders not submitted in Board's form and on due date and time will be summarily rejected.

5. The undersigned reserves the right to distribute the work among one or more tenderers or to reject any or all the tenders without assigning any reason therefor.

6. The Board will not be responsible for any loss of tender set during transit by post. The tender sets are not transferable.

57-A Repeat **Superintending Engineer,  
Ennore Thermal Scheme, Ennore, Madras-57.**

**TAMIL NADU ELECTRICITY BOARD.  
TENDER NOTICE.**

For and on behalf of the Tamil Nadu Electricity Board separate sealed tenders are invited by the undersigned for the execution of the following works.

O.T.S. Number.	Description of works.
No. 1/71-72 ..	Handling of materials at all departmental store yards at Katpadi Extension or Vellore S.S. Yard, Mullalalayam. Approximate cost of the work Rs. 30,000/00.
No. 2/71-72 ..	Construction of Lorry Body-Building on 2 Nos. Fargo 165" W.B. 5-ton chassis.
No. 3/71-72 ..	Construction of Lorry Body-Building on 3 Nos. Tata 165" W.B. 5-ton chassis.
No. 4/71-72 ..	Construction of Lorry Body-Building on 2 Nos. Hindustan Bedford 179" 5-ton W.B. chassis.
No. 5/71-72 ..	Construction of Pickup Van Type Body-Building on 6 Nos. Fargo Model B6—D-300 133" W.B. chassis.

Specification booklets with details such as due date, earnest money deposit payable for each tender specification can be had till 25th September 1971 on remittance of Rs. 5'00 (not refundable) in cash or by Money Order to Chief Accountant (Expenditure), Vellore Electricity System, No. 10, East Main Road, Katpadi Extension P.O., North Arcot district.

67-A **Superintending Engineer, Vellore Electricity  
System, Katpadi Extension.**

# TAMIL NADU ELECTRICITY BOARD.

## TENDER NOTICE.

### SPECIFICATION No. SEG. B.B. 37.

For and on behalf of the Tamil Nadu Electricity Board sealed tenders complete with Specification No. due date and the name of the tenderer superscribed on the cover are invited by the undersigned upto 1 p.m. on 15th September 1971 for purchase of spares for Electrical Equipments intended for boilers and turbines available at Basin Bridge Power Station, Madras-12.

Copies of Tender Sets can be had on payment of Rs. 5 (Rupees Five only) (non-refundable) either in cash in 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 No. The Tender Set will be sent only by ordinary post under Certificate of Posting. The Board will not be responsible for loss of Tender Set in transit or for delay or non-delivery, etc. The Tender Form is not transferable. The undersigned reserves the right to reject any or all the tenders without assigning any reason therefor.

A sum of Rs. 500 (Rupees Five Hundred only) towards Earnest Money Deposit should be remitted by the Tenderer in cash in the office of the undersigned and the cash receipt enclosed with the tender. Tenders not submitted in the departmental form with the cash receipt for Earnest Money Deposit on or before the due date and time will be rejected. The Tenders will be opened at 4 p.m. on 15th September 1971 in the presence of the tenderers who may be present.

**Superintending Engineer, M.E.S. (Generation)**  
59 A Basin Bridge Power House, Madras-12.

## TENDER NOTICE

### SPECIFICATION No. SEG. B.B. 39.

For and on behalf of and by the order and direction of Tamil Nadu Electricity Board sealed tenders in duplicate complete with technical particulars and other details superscribed with the Specification No., due date and the name of the tenderer on the cover are invited upto 1 p.m. on 25th September 1971 for supply of Refractories for B. and W. Boilers of 'B' Station at Basin Bridge Power House, Madras-12.

Copies of tender sets can be had on payment of Rs. 20 (Rupees twenty only) (non-refundable) either in cash in the office of the undersigned or by Money Order addressed to the Chief Accountant/Generation, Tamil Nadu Electricity Board, Basin

Bridge Power House, Madras-12 mentioning clearly the Specification No. The tender set will be sent only by ordinary post under certificate of posting. The Electricity Board will not be responsible for loss of tender document in transit or for delay or non-delivery, etc. The tender form is not transferable. The undersigned reserves the right to reject any or all the tenders without assigning any reasons therefor.

A sum of Rs. 1,500 (Rupees one thousand five hundred only) towards Earnest Money Deposit should be remitted by the tenderer in cash in the office of the undersigned and the 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 the time will be rejected. The tenders will be opened at 4 p.m. on 25th September 1971 in the presence of tenderers who may be present.

**Superintending Engineer, M.E.S. (Generation)**  
59-B Basin Bridge Power House, Madras-12.

**Ennore Thermal Power Station, Ennore, Madras-57.**

## TENDER NOTICE.

### Stationery No. 1/71-72.

For and on behalf of the Tamil Nadu Electricity Board sealed tenders superscribed Tamil Nadu Electricity Board, Ennore, Thermal Power Station, Stationery No. 1/71-72 and the names of the tenderer will be received by the undersigned at his office upto 1 p.m. on 6th September 1971 and will be opened at 3-00 p.m. on the same date and in the presence of such of those tenderers who are present.

<i>Descriptions.</i>	<i>Quantity.</i>
71 items of books and forms	As furnished in tender set.

Copies of tender set can be had from the office of the undersigned on payment of Rs. 5 (Rupees five only) in cash, not refundable under any circumstances.

The earnest money payable for the work is Rs. 1,000 (Rupees one thousand only). The amount should be in paid advance as specified in the tender set.

Tenders not submitted in the departmental form and on due date will be rejected. The undersigned reserves the right to distribute the work among tenderers or reject any or all tenders without assigning any reason therefor.

The Electricity Board is not responsible for any loss of tender set during transit if sent by post. The tender forms are not transferable.

**Superintending Engineer/Operation, Ennore Thermal Power Station, Ennore, Madras-57.**

## CHIT TENDER NOTICE.

**Item No. 1. Construction of Second set of Post Graduate Hostel Blocks in Regional Engineering College, Thuvakudy, Tiruchirappalli.**

**Item No. 2. Construction of quarters for 5 Nos. Professors and 7 Nos. of Assistant Professors in Regional Engineering College, Thuvakudy, Tiruchirappalli.**

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 as detailed below registered for taking up works in the Technical Education Divisions, for the above work upto 3.00 P.M. on 20th September 1971. 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.

	<i>Item No. 1.</i>	<i>Item No. 2.</i>
1. Form of Agreement. ... ..	Lump-sum. ... ..	Lump-sum.
2. Earnest Money Deposits. ... ..	Rs. 4,500 ... ..	Rs. 8,750.
3. Cost of tender documents with plans ... ..	Rs. 20.00 plus S.T. at 3 per cent.	Rs. 20.00 plus S.T. at 3 per cent.
4. Period of completion ... ..	8 months ... ..	8 months.
5. Date from which tender documents will be available in the above office during office hours.	6th to 18th September 1971.	6th to 18th September 1971.
6. Appropriate classes of registered contractors ... ..	Class III and above ... ..	Class II and above.

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, Tiruchirappalli. The sales tax should be remitted under a separate chalan into 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 of all the tenders without assigning any reasons therefor.

**Director of Technical Education, Madras.**

## GOVERNMENT OF TAMIL NADU.

### PUBLIC WORKS DEPARTMENT.

#### REVISED TENDER EXTENSION NOTICE.

Name of work	(1) Formation of a new tank near Melcholan-kuppam village from L.S. 2,970 feet to 3 300 feet and construction of sluice No. IV at L.S. 3,300 feet.
	(2) Formation of a new tank near Melcholan-kuppam village from L.S. 2,400 feet to 2,970 feet and construction of sluice No. III at L.S. 2,970 feet.
Reference	(1) This office tender notice No. 7531/71/D1D dated 1st June 1971.
	(2) This office tender extension notice No. 7531/71/D-1D, dated 12th July 1971.

The last date of receipt of tenders for the above two works is further extended up to 8th September 1971. Tendere will be received up to 3 p.m. on 8th September 1971 and will be opened at 3-15 p.m. on the same day.

Tender documents will be available for sale during office hours up to 7th September 1971. All other conditions remain unaltered.

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

## GOVERNMENT OF TAMIL NADU PUBLIC WORKS DEPARTMENT.

### CHIT TENDER NOTICE.

Construction of a two floored building to accommodate 30 beds in the ground floor and 30 beds in the first floor in the Government Tuberculosis Sanatorium at Thoppur, Madurai District.

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 above work up to 3-00 p.m. on 15th September

1971 and opened at 4-00 p.m. on the same day. The tender documents will be available for sale from 6th September 1971 to 13th September 1971.

Form of agreement .. Lump-sum.  
Earnest Money Deposit Rs. 5,200 ( rupees five thousand and two hundred only).

Period of completion .. Six months.

The cost of tender documents of Rs. 20 (Rupees twenty only) not refundable should be remitted into the Treasury or Reserve Bank of India under the head "P.W., Remittances-III OR" to the credit of the Executive Engineer, Madurai Division, Madurai and sales tax of Re. 0-70 for the tender documents 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.

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 fourteen Nationalised Banks. Tamil Nadu State 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.

C. DESIKASANKAR,  
Superintending Engineer, P.W.D., Madurai  
Circle, Madurai.

## GOVERNMENT OF TAMIL NADU PUBLIC WORKS DEPARTMENT.

### TENDER DATE EXTENSION.

1. Construction of Post-graduate Physics Block for Government Arts College (Men), Kumbakonam.
2. Construction of Post-Graduate Chemistry Block for Government Arts College (Men), Kumbakonam.
3. Construction of Post-graduate Arts Block for Government Arts College (Men), Kumbakonam.
4. Construction of Twin Ward for Skin Diseases in Government R.M. Hospital, Thanjavur.

Tender notice published in 'Indian Express', dated 30th June 1971 and 2nd July, 1971, 'The Mail', dated 28th June 1971.

The last date for the receipt of tenders for the above work is extended up to 3-00 p.m. on 8th September 1971. Tender schedules will be available up to 5-00 p.m. on 7th September 1971. All other conditions remain unaltered.

R. VENUGOPAL,  
Superintending Engineer, Thanjavur Circle,  
Thanjavur.

GOVERNMENT OF TAMIL NADU.

PUBLIC WORKS DEPARTMENT.

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., Thanjavur Circle, Thanjavur, for the following work up to 3 p.m. on 22nd September 1971:—

- 1 Name of work .. **“ Construction of buildings to house the Sub-Divisional Magistrate’s Court at Mannargudi ”.**
- 2 Form of contract .. Lump-sum.
- 3 Earnest Money (in the shape of chalan). Rs. 2,750.
- 4 Cost of tender documents. (To be remitted into Treasury under the head “ P.W.—III. Other remittances ” to the credit of the Executive Engineer, G. A. C. Division, Thanjavur.) Rs. 30.
- 5 Sales Tax to be remitted into Treasury under the head “XII. Sales Tax and receipt under State Sales Tax Act—General Sales Tax ”. Rs. 1.05.
- 6 Period of completion. Eight months.
- 7 Date after which tender documents will be available. 16th August 1971.

48-A

**R. VENUGOPAL,**  
**Superintending Engineer**  
**P.W.D., Thanjavur Circle,**  
**Thanjavur.**

GOVERNMENT OF TAMIL NADU

PUBLIC WORKS DEPARTMENT,  
 MADRAS-CHINGLEPUT CIRCLE.

CHIT TENDER NOTICE.

No. D3 20280/71-2, dated 9th August 1971.

**Construction of quarters for 40 nurses and 5 staff nurses with kitchen and dining hall in T.B. Sanatorium at Tambaram.**

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 3-00 p.m. on 27th September 1971. The tenders will be opened by the Superintending Engineer, Madras-Chingleput Circle, 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.

*Earnest Money Deposit.*—Rs. 7,500.

*Cost of tender documents with plans (not refundable).*—Rs. 40 plus sales tax at 3 per cent.

*Period of completion.*—Six months.

*Tender documents will be available for sale at the office of the Superintending Engineer during office hours.*—From 18th to 25th September 1971.

*Date of tender.*—27th September 1971.

The cost of tender documents 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, Buildings Division 1, Chepauk, Madras-5. The sales tax may be remitted under the same chalan into the Treasury or Reserve Bank of India under the separate head “XII—Sales tax—b. receipts under State Sales Tax Act—General Sales Tax ”. The tender documents will be issued only after production of the chalan.

The Superintending Engineer, Madras-Chingleput Circle, Madras-5, reserves to himself the right to reject any or all the tenders.

Further particulars could be had from the office of the Superintending Engineer, Madras-Chingleput Circle, Chepauk, Madras-5, during office hours on working days.

**20 SUPERINTENDING ENGINEER,**  
**MADRAS-CHINGLEPUT CIRCLE.**

**GOVERNMENT OF TAMIL NADU.**  
**DIRECTORATE OF TECHNICAL EDUCATION**  
**(CONSTRUCTION WING), MADRAS-25.**

**CHIT TENDER NOTICE.**

**Construction of Library Buildings for Madurai University in Madurai University Campus, 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 upto 3-00 p.m. on 20th September 1971. 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. 10,000 (Rupees ten thousand only).

*Cost of tender documents with plans.* . . Rs. 20.00 plus S.T. at 3 1/2 per cent.

*Period of completion* . . . . . Eight months.

*Date from which tender documents will be available in the above office during office hours.* . . 6th to 18th September 1971.

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, University Buildings Division, Madurai. The sales tax should be remitted under a separate chalan into 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 with the requisition letter for the issue of tender documents. 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. 21

**DIRECTOR OF TECHNICAL EDUCATION,**  
**MADRAS.**

**OFFICE ACCOMMODATION REQUIRED.**

10,000 to 15,000 sq. ft. required for immediate occupation of Administrative Office on rent in Aminjikarai, Chetput or Nungambakkam area. Owners contact Director of Indigenous Medicine, at the Administrative Building of Kilpauk Medical College and Hospital, Kilpauk, Madras-10. 56-A

**DIRECTOR OF INDIGENOUS MEDICINE,**  
**MADRAS-10.**

**DEPARTMENT OF EMPLOYMENT AND TRAINING, MADRAS-5.**

**TENDER NOTICE No. P1 1114 96 70,**  
**dated 10th August 1971.**

Sealed Tenders are invited by the undersigned on behalf of the Governor of Tamil Nadu, upto 3 p.m. on 20th September 1971 for the supply of Tools and instruments required for the trades of Mechanic (Instrument) and Mechanic (Radio and Television) at the Industrial Training Institutes in this State. The schedule of requirements and conditions of Tender etc., can be had from the Office of the Director of Employment and Training, Chetpauk, Madras-5 on application only with a receipted Treasury/ Reserve Bank of India chalan for Rs. 10.35 (Rupees Ten and Paise thirty-five only) being the cost and the Sales Tax of the Tender form, which is not refundable.

The amount towards the cost of Tender forms and Sales Tax should be credited to Tamil Nadu Government account under the head "XXII. —a Miscellaneous—Social and developmental organisations—Labour and Employment—Receipt from Craftsmen Training Scheme—Miscellaneous receipts" clearly indicating in the chalan that Rs. 10 is towards the cost of Tender form and Paise thirty-five is towards Sales Tax.

No other mode of payment will be accepted towards the cost of Tender documents. The Tender documents sent by V.P.P. will not be accepted.

The Tenders will be opened on 21st September 1971 at 11 a.m.

**DIRECTOR OF EMPLOYMENT AND TRAINING, MADRAS-5.**

**GOVERNMENT OF TAMIL NADU.  
PUBLIC WORKS DEPARTMENT.  
TENDER NOTICE.**

**Construction of Golden Jubilee Building in Government (Board) High School at POONAMALLEE—Chingleput District.**

For and on behalf of the Governor of Tamil Nadu sealed tenders will be received by the Superintending Engineer, P.W.D., Chingleput-North Arcot Circle, Vellore from Contractors of appropriate class of P.W.D. or other Government Departments for the above works up to 3-00 p.m. on 22nd September 1971. The tenders will be opened by the Superintending Engineer, P.W.D., 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. 5,400.

3. *Cost of tender documents with Plans*—Rs. 20-60 including S.T. at 3 per cent.

4. *Period of Completion*—8 months.

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 3rd to 20th September 1971.

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., Kancheepuram Division, Kancheepuram.

The Sales Tax of 0-60 can be remitted in the same chalan under the 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, fixed deposit receipt, deposit at-call receipts and demand drafts of scheduled bank furnished towards Earnest Money Deposit drawn in favour of 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 mode of payment will be accepted.

Intending Tenderers should have at least three years experience in the construction of Major Buildings Works.

**SUPERINTENDING ENGINEER, P.W.D.,  
CHINGLEPUT-NORTH ARCOT CIRCLE.**

**GOVERNMENT OF TAMIL NADU.  
PUBLIC WORKS DEPARTMENT.**

**CHIT TENDER NOTICE.**

No. 12056/T/D2/71, dated 17th August 1971.

For and on behalf of the Governor of Tamil Nadu Sealed Tenders (in the prescribed form) will be invited by the Superintending Engineer, P.W.D., Veeramam Project Circle, Chepauk, Madras -5, from the registered Public Works Department. Contractors of the appropriate class for the work of—

**Construction of sump for clear water pump house at Vadakuthu in South Arcot District.**

*Form of contract*—Lumpsum.

*Earnest Money Deposit*—Rs. 5,300.

*Cost of tender documents*—Rs. 20-77 paise inclusive of Sales Tax.

*Period of completion*—3 months.

*Availability of Tender documents*—From 10th to 20th September 1971.

*Date of Tender*—25th September 1971 up to 3-00 p.m.

Detailed Chit Tender Notice stipulating the conditions for obtaining tender schedule and other particulars may be had at the office of the undersigned during office hours.

**SUPERINTENDING ENGINEER,  
T.W.S. & D.B., Veeramam Project Circle, Madras-5.**

**GOVERNMENT OF TAMIL NADU.  
PUBLIC WORKS DEPARTMENT.  
TENDER EXTENSION NOTICE.**

**Construction of a new Government Hospital of 38 beds at Chengam, North Arcot District.**

The last date of receipt of tenders for the above work is extended up to 15th September 1971. Tenders will be received up to 3-00 p.m. on 15th September 1971 and will be opened at 3-15 p.m. on the same day.

Tender documents will be available during office hours from 1st to 13th September 1971. All other conditions remain unaltered.

**SUPERINTENDING ENGINEER, P.W.D.,  
CHINGLEPUT-NORTH ARCOT CIRCLE**

## GOVERNMENT OF TAMIL NADU

(An undertaking of Government of  
Tamil Nadu.)

### PUBLIC WORKS DEPARTMENT

35-2, Woods Road, Mount Road, Madras-2.

#### AMENDMENT TO CHIT TENDER NOTICE No. T4/71-72, dated 24th JULY 1971.

*Tender No. 74631/PA1/71,  
dated 20th August 1971.*

1. The last date for the receipt of tenders for the work of construction of Transformer House at Cuddalore for which the tender notice was already published is extended up to 3-00 p.m. on 3rd September 1971.

Sealed Tenders are invited up to 2 p.m. on 30th September 1971 for the supply of surfacer-cum-Thickness Planer, Band saw, Circular saw, Mortiser and Double end grinder to the Unit of this Corporation. The tenders will be opened at 3 p.m. on 30th September 1971.

2. The tenders will be opened by the Superintending Engineer (D. & M. W. C.) at his office on 3rd September 1971 at 3-30 p.m. in the presence of the attending tenderers.

Detailed specifications of the machine and conditions of tender can be had from the Deputy Manager (Purchase) of this Corporation on payment of Rs. 5-25 (Non-refundable) inclusive of sales tax only by cash or money order in favour of the Senior Accounts Officer (Cash) of this Corporation.

3. The tender schedules will be supplied from 26th August 1971 and up to 31st August 1971.

*Managing Director.*

4. There is no change in respect of other conditions.

D. I. PAUL,  
Superintending Engineer  
(D. & M. Works).

### GOVERNMENT ROYAPETTAH HOSPITAL TENDER NOTIFICATION.

#### TAMIL NADU SMALL INDUSTRIES CORPORATION LIMITED.

Sealed tenders for the supply of drugs, dressings and surgical ware for use in the Government Royapettah Hospital, Madras ; Government Hospital, Saidapet, Madras ; and Foreshore Estate Dispensary, Madras for a period of six months from 1st October 1971 to 31st March 1972 will be received by the Superintendent till 2 p.m. on 10th September 1971.

(An undertaking of Government of Tamil Nadu)  
3512, Woods Road, Mount Road, Madras-2.

*Tender Notice No. 767621PA2171. Dt. 21-8-71.*

Sealed Tenders are invited for the supply of 50 M. Tons of Aluminium Alloy L.M. 24 of Castable quality to the Tansi Die Castings Unit, Guindy, Madras-32, one of the Units of this Corporation. The Tenders will be received in this office up to 2 p.m. on 20th September 1971 and will be opened at 3 p.m. on the same day.

Copies of the condition of tender schedule of articles required and tender forms can be had from the Superintendent, Government Royapettah Hospital, Madras on payment of Rs. 5 (Rupees five only) together with sales Tax at 3.5 per cent and surcharge 5 per cent of sales tax. These are not refundable under any circumstances. This fee should be paid to the Reserve Bank of India or any other Government Treasury under the head "XXII. Medical—Miscellaneous and XII. Sales Tax Receipts under Sales Tax—General Sales Tax"—respectively.

Detailed specifications and conditions of tender can be had from the Deputy Manager (Purchase) of this Corporation on payment of Rs. 5-25 (Non-refundable) inclusive of Sales-tax only by Cash or Money Order in favour of the Senior Accounts Officer (Cash) of this Corporation.

Tenders should be sealed and superscribed as 'Tender for the supply of drugs, dressings and surgical ware and due on 10th September 1971' and addressed to the Superintendent, Government Royapettah Hospital, Madras-14.

*Managing Director.*

Dr. M. NARAYANAN, M. S.,  
Superintendent,  
Government Royapettah  
Hospital, Madras-14.

**Public Works Department, Madras-Chingleput Circle.**

**Construction of quarters for Nursing staff of Government Mental Hospital, Kilpauk, Madras.**

For and on behalf of the Government 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 for the above work up to 3 p.m. on 13th September 1971. The tenders will be opened by the Superintending Engineer, Madras-Chingleput Circle in the presence of those tenderers who choose to be present at 3-15 p.m. on that day.

1. Form of contract—Lumpsum.
2. Earnest Money Deposit—Rs. 4,700.
3. Cost of Tender documents with plans—Rs. 20 and Sales tax at  $3\frac{1}{2}$  per cent.
4. Period of completion—4 months.
5. Tender documents will be available for sale at the office of the Superintending Engineer, Madras-Chingleput Circle during office hours—From 6th to 10th September 1971.
6. Date of tender—13th September 1971.

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.D. Remittances" to the credit of the Executive Engineer Buildings Division 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. Receipts under State Sales Tax Act—General Sales Tax". The tender documents will be issued only after producing the chalan.

Further particulars can be had from the Office of the Superintending Engineer, Madras-Chingleput Circle on all working days during office hours.

**P. K. KANDASWAMY,**  
Superintending Engineer.

**EAST DIVISION OF  
TAMIL NADU HOUSING BOARD.**

**TENDER NOTICE EXTENDED.**

The last date for the receipt of tenders for the works of constructing R.C.C. elevated Reservoir of 2 lakh gallons capacity in North Madras Neighbourhood scheme near Vyasarpadi has been extended up to 8th September 1971.

**T. JAGADESAN,**  
Executive Engineer (East).

**GOVERNMENT OF TAMIL NADU.**

**PUBLIC WORKS DEPARTMENT.**

**CHIT TENDER NOTICE.**

**Providing pile foundation for the proposed Cancer Block in Government Royapettah Hospital, Madras.**

For and on behalf of the Governor of Tamil Nadu sealed tenders for the above mentioned work will be received by the Superintending Engineer, P.W.D., Madras-Chingleput Circle at his office at Chepauk, Madras-5 up to 3 p.m. on 8th September 1971.

Form of Agreement... Lumpsum.

Earnest Money Deposit. Rs. 5,250.

Period of completion. Six months.

Cost of tender documents. Rs. 30 (Rupees thirty only) to be remitted into the Treasury or Reserve Bank of India, Madras under the head "P.W. Remittances.—III. Other remittances" to the credit of the Executive Engineer/Buildings Division I, Chepauk, Madras-5.

Sales tax ... 0.90 paise (Rupee nil, paise ninety only) to be remitted under the same chalan into the Treasury or Reserve Bank of India Madras under the head "XII. Sales tax"—i. Receipts under State Sales Tax Act"—General Sales Tax."

Sale of Tender documents (during office hours). From 8th September 1971 to 15th September 1971.

Date of tender ... 17th September 1971.

Further particulars can be had from the Office of the Superintending Engineer, P.W.D., Madras-Chingleput Circle, Chepauk, Madras-5, during the office hours on any working day. The Superintending Engineer, Madras Chingleput Circle reserves to himself the right to reject any or all the tenders without assigning any reasons therefor.

**P. K. KANDASWAMY,**  
Superintending Engineer,  
Madras-Chingleput Circle.

# TAMIL NADU WATER SUPPLY AND DRAINAGE BOARD.

## CHIT TENDER NOTICE.

For and on behalf of the Tamil Nadu Water Supply and Drainage Board, Madras, sealed tenders in the prescribed departmental forms will be received by the Superintending Engineers (Public Health Engineering Circles) of this department as noted below, upto 3.00 p.m. on 20th September 1971 in respect of the following works. The tenders will be opened at 3.30 p.m. on the same day by the Superintending Engineers (Public Health Engineering) Circles concerned or by anyone deputed by them in the presence of tenderers present at the time of opening.

Serial number and name of work.	Form of contract.	E.M.D.	period of completion.	Cost of tender schedule.	Tenders will be received and opened by.
1 Ramanathapuram W.S.S. Construction of Collector well (Cap. 6.00 mld.)	L.S.	Rs. 6,000	6 months.	rs. 10-00 (Rupees Ten only plus sales tax extra).	Superintending Engineers, P.H. Engg. Circle, Madurai.
2 Sivaganga W.S.S. Construction of Collector well (Cap. 5.0 mld).	L.S.	Rs. 5,000	Do.	Do.	Do.
3 Tiruchi W.S.S. Construction of Collector well (Capacity 50 mld.)	L.S.	Rs. 45,000	Do.	Do.	Do.
4 Koilpatti W.S.S. Construction of Collector well (capacity 15 mld.)	L.S.	Rs. 15,000	Do.	Do.	Do.
5 Ambur W.S.S. (Construction of Collector well (Capacity 9 mld.).	L.S.	Rs. 10,000	Do.	Do.	Superintendings Engineer, P.H.E. Circle, Madras.
6 Vaniambadi W.S.S. Construction of Collector well (capacity 9 mld).	L.S.	Rs. 10,000	Do.	Do.	Do.
7 Tirupathur W.S.S. Construction of Collector well (capacity 10 mld).	L.S.	Rs. 12,000	Do.	Do.	Do.

The tender schedules can be had direct from the Executive Engineer, 1/14, Edward Elliotts Road, Public Health Engineering Division, Madras-4 from 25th August 1971 by remitting the cost towards the tender schedule by cash or by M.O. The cost of tender document is not refundable under any circumstances. No extension of time for the submission of tender will be entertained.

The tender accepting authority reserves the right to reject any or all the tenders in part or full without assigning any reason therefor.

45-A—Repeat

**Chief Engineer,  
Public Health Engineering and Mpl. Works.**

# TAMIL NADU WATER SUPPLY AND DRAINAGE BOARD.

## CHIT TENDER NOTICE.

No. 495-D 4, dated 15th August 1971.

For and on behalf of the Tamil Nadu Water Supply and Drainage Board, Sealed tenders will be received by the Superintending Engineer (P.H.E.), Tamil Nadu Water Supply and Drainage Board, Coimbatore-2, for the following works at his office at 25-1, 111rd Street, Tatabad, Coimbatore-12 up to 3 p.m. on the date noted against each work and the tenders received will be opened by the Superintending Engineer at 4 p.m. on the same day, in the presence of tenderers, who choose to be present by that time. The form of Contract is L. S. Period of Completion 3 months for first work and 5 months for the second.

<i>Description of work.</i>	<i>E.M.D.</i>	<i>Cost of tender documents.</i>	<i>Period of sale of tender.</i>
Pollachi Water Supply Improvement Scheme II Stage, Supply, delivery and erection low left raw water (turbine) pumpsets with the necessary accessories pipe connection, etc.	Rs. 2,305 (Rupees two thousand, three hundred and five only).	Rs. 10-35 (Rupees ten and paise thirty five only, including Sales Tax not refundable).	From 25th August 1971 to 23rd September 1971 up to 5 p.m.

*Last date of receipt and opening.*—25th September 1971.

Pollachi Water Supply Improvement Scheme II—Stage—Supply, delivery and erection of high lift clear water (centrifuge) pumpsets with the necessary accessories pipe connection, etc.	Rs. 6,135 (Rupees six thousand one hundred and thirty five only).	Rs. 10-35 (Rupees ten and paise thirty five only including Sales Tax not refundable).	From 25th August 1971 to 23rd September 1971 up to 5 p.m.
---	--	--	---

*Last date of receipt and opening.*—25th September 1971.

The tender documents can be had from the office of the executive Engineer, Public Health Engineering Division, 11/8, Basyagaralu Road, East, R.S. Puram, Coimbatore-2, by remitting the cost of tender documents either in cash or by Money Order.

The E.M.D. should be in the form of Demand Draft on any schedule payable at par or treasury chalan drawn in favour of the Executive Engineer (P.H.E.) Tamil Nadu Water Supply and Drainage Board, Coimbatore-2. Bank guarantee from any one of the nationalised bank authorised by Reserve Bank of India will also be accepted towards the E.M.D.

The name of work should be superscribed on the cover clearly. The Superintending Engineer (P.H.E.), Coimbatore reserves the right of rejecting one or all tenders without assigning reasons thereof.

**S. M. Shahul Hameed,**  
Superintending Engineer (P.H.E.),  
Coimbatore-12.

# TAMIL NADU WATER SUPPLY AND DRAINAGE BOARD.

## Chit Tender Notice.

For and on behalf of the Tamil Nadu Water Supply and Drainage Board sealed tenders in the proper departmental form will be received from the registered contractors of the appropriate class of the Public Health Engineering Department, Public Works Department, Highways and Rural Works or any other similar Government Departments by the Superintending Engineer (Public Health Engineering) at his office at No. 17, Sir P. T. Rajan Road, Madurai-2 up to 3-00 p.m. on 14th September 1971 and they will be opened on the same date at 3-30 p.m.

*Name of work*—Kovilpatti Water Supply Scheme—II Stage—Distribution System—Laying and Jointing of C.I., A.C. or P.V.C. Pipes and Specials for District I of Low Level Zone.

*Form of contract*—K-2. *Earnest Money Deposit* Rs. 1,020.

This amount has to be deposited along with the tender 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, Kovilpatti.

*Period of completion of work*—Six months.

*Cost of tender documents*—Rs. 5.10 (including Sales Tax).

Tender documents can be obtained from the Executive Engineer, Public Health Engineering Division, 25, Vakkil street, Kovilpatti. (up to 5-00 p.m. on 10th September 1971.)

**K. GOVINDA MENON,**  
Superintending Engineer (Public Health Engineering), Madurai-2.

44A

## Chit Tender Notice.

No. 1087/71/SD1, dated, 4th August 1971.

For and on behalf of Tamil Nadu Water Supply and Drainage Board, sealed tenders will be received for the following work by the Superintending Engineer, Public Health Engineering Circle, at his office at 25-1, 3rd street Tatabad, Coimbatore, 12 up to 3-00 p.m. on 22nd September 1971 and 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*:—Punjaipuliampatti Water Supply Scheme—III Stage—Construction of a R.C.C. elevated service reservoir of (1.5 lakhs gallons) capacity 7-00 lakhs litres with necessary pipe connections.

*Form of contract*—Lump-Sum.

*Earnest Money Deposit*—Rs. 3,500 (Rupees three thousand and five hundred only).

*Period of completion*—6 months (six months only)

*Cost of tender documents*—Rs. 10.35 (Rupees ten

*Period of sale of tender documents*—From 9th August 1971 to 20th September 1971 from the office of the Executive Engineer, Public Health Engineering Division, No. 11/8 Basyagaralu Road, R.S. Puram, East, Coimbatore-8, by remitting the cost of tender documents either cash or by money order.

The earnest money deposit should be in the form of demand draft drawn from any one of the nationalised banks payable at par or treasury chalan drawn in favour of the Executive Engineer (Public Health Engineering), Coimbatore-2, proper bank guarantee issued by any one of the nationalised banks towards earnest money deposit will also be accepted.

The Superintending Engineer (Public Health Engineering) reserves the right to reject any tender or all the tenders without assigning reasons thereof.

19A

Superintending Engineer.

## Chit Tender Notice.

**Kancheepuram Drainage Scheme—II Stage—Part II**  
—Laying of sewers and construction of appurtenances in East Zone.

For and on behalf of the Tamil Nadu Water Supply and Drainage Board, sealed tenders in the proper Departmental form will be received by the Superintending Engineer, Public Health Engineering Circle, Madras-8 at his office for the above work up to 3-00 p.m. on 20th September 1971 from the registered contractors of appropriate class of this Department and or similar Government organisations. The tenders will be opened after 3-30 p.m. on the same day by the Superintending Engineer, Public Health Engineering Circle, 52, Gengu Reddy Road, Madras-8 in the presence of tenderers who choose to be present at the time of opening.

*Form of contract* :—L.S. form.

*Earnest Money Deposits* Rs. 15,160 (Rupees fifteen thousand one hundred and sixty only).

(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. 31.05 (Rupees thirty-one and paise five only).

\*The cost towards tender documents to be remitted to the credit of Executive Engineer, Public Health Engineering Division, Chingleput—P.W. III, O.R. and for Sales Tax XIII—Sales D. Misc. I—General Sales Tax in separate chalans.

*Tender documents to be had from*:—On application to the Executive Engineer (P.H.E.) T.W.A.D. Board, 24, Big Maniakara street, Chingleput (with the cost of tender documents sent by cash or M.O.)

*Period of completion* :—Twenty-four months.

Superintending Engineer. Public Health

# TAMIL NADU WATER SUPPLY AND DRAINAGE BOARD.

## CHIT TENDER NOTICE

(No. 9063/71-2/D-1, dated 18th August 1971)

For and on behalf of the Tamil Nadu Water Supply and Drainage Board sealed tenders for the following works will be received by the Superintending Engineer (PH), Tamil Nadu Water Supply and Drainage Board, Coimbatore-12, at his office at 75-1 IIIrd street, Tatabad, Coimbatore-12 up to 3-00 p.m. on 15th September 1971 and the same will be opened by the Superintending Engineer (PH) or by any authorised officer of this department at 4.00 p.m. on the same day in the presence of tenderers who choose to be present at the time of opening.

<i>Name of work.</i>	<i>Form of work.</i>	<i>EMD.</i>	<i>Cost of tender documents.</i>
<i>Coimbatore Drainage Scheme Zone III—I stage.—</i>		Rs.	
Supply and delivery of 15"×4 (375mm×100mm) S.W. uprights as per B.S.S. 65/1937 together with its amendments issued upto date and S.W. uprights of size 18"×4 (450×100) as per ISS 65/65, Grade 'A' with its amendments issued upto date.	L.S.	6,150 (Rupees six thousand one hundred and fifty only).	5-18 (Rupees five and paise eighteen only including S.T. not refundable).

The earnest money deposit should be in the form of Demand draft or Treasury chalan drawn in favour of the Executive Engineer (PH), Tamil Nadu Water Supply and Drainage Board, Coimbatore-2 or Bank guarantee in proper form from any nationalised bank.

Tender documents can be had from the Executive Engineer (PH), 11/8, Bashyagaralu street, R.S. Puram, Coimbatore-2 during office hours either by remitting the cost of documents in cash or by Money Order, upto 13th September 1971 (5.00 p.m.).

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

**S.M. SHAHUL HAMEED,**  
Superintending Engineer (PH),  
Coimbatore-12.

28

### CHIT TENDER NOTICE.

For and on behalf of the Tamil Nadu Water Supply and Drainage Board sealed tenders in the proper departmental form will be received from the registered contractors of the appropriate class of the Public Health Engineering Department, P.W.D., Highways and Rural Works or any other similar Government Departments by the Superintending Engineer (P.H.E.) at his office at No. 17, Sir P. T. Rajan Road, Madurai-2 upto 3 p.m. on 15th September 1971 and they will be opened on the same day at 3-30 p.m.

**Melur Water Supply Scheme—Supply and delivery of R.C.C. Pressure pipes and Collars. P-2 and P-3 Classes.**

Form of contract Lump sum.

Earnest Money Deposit. Rs. 10,000 (Rs. Ten thousand only). This amount has to be deposited along with the tender 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, (P.H.), Engineering Division, Madurai.

Period of completion of work. Six months.

Cost of tender documents. Rs. 15.50 (including Sales Tax).

Tender documents can be obtained from the Executive Engineer, P.H., Engineering Division, 14, Ramamoorthy Street, Chokkikulam, Madurai-2 (upto 5 p.m. on 12th September 1971).

**K. GOVINDA MENON,**  
Superintending Engineer (P.H.E.),  
Madurai-2.

# TAMIL NADU WATER SUPPLY AND DRAINAGE BOARD.

## 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, Public Health Engineering Circle, No. 52, Gengu Reddy Road, Madras-8, from the Registered Firms for the supply of storeware specials of sizes ranging from 150 mm. (6") dia. to 375 mm. (15") dia. up to 3-00 p.m. on 10th September 1971. The tenders will be opened after 3-30 p.m. on the same day by the Superintending Engineer (P.H.E.), in the presence of those tenderers who choose to be present at the time of opening.

Form of contract ... K-2 Piece work.

Earnest Money Deposit. Rs. 3,000 (Rupees three thousand only).

Cost of tender documents. Rs. 10-40 (Rupees ten and paise forty only).

The tender documents can be had from the Executive Engineer, No. 24, Maniakara Street, Public Health Engineering Division, Chingleput. The cost of documents can be remitted by cash or Money Order with a requisition for the supply of tender documents on working days which will be available from 10th August 1971.

The amount of tender documents is not refundable under any circumstances.

The Superintending Engineer (P.H.E.), Madras, reserves to himself the right to reject or cancel any or all tenders without assigning any reasons therefor.

The Superintending Engineer (P.H.E.), Madras, reserves to himself the right to allocate the supply contract to more than one tenderer.

Superintending Engineer (P.H.E.), Madras Circle.

13

## GOVERNMENT OF TAMIL NADU

### PUBLIC WORKS DEPARTMENT

#### TENDER NOTICE

Sealed tenders for the supply of metal containers of 18 (eighteen) litres capacity will be received by the Executive Engineer, P.W.D., Soil Mechanics and Research Division, Chepauk, Madras-5 on or before 13th September 1971 up to 3-00 p.m. Intending tenderers will on application in writing be supplied with schedule of quantities, conditions etc., on production of receipted chalan for payment

of Rupee one towards the cost of tender documents to the credit of "P.W. III. Other remittances" Executive Engineer, P.W.D., Soil Mechanics and Research Division, Chepauk, Madras and Rs. 0-03 paise towards sales tax under the head of account "XII. Sales Tax receipts under State Sales Tax Act".

Application for the supply of tender schedule received after 10th September 1971 will not be considered.

74A

Executive Engineer, P.W.D.,  
S.M. & R. Division, Madras-5.

## TAMIL NADU WATER SUPPLY DRAINAGE BOARD.

### CHIT TENDER NOTICE.

For and on behalf of the Tamil Nadu Water Supply and Drainage Board sealed tenders in the proper departmental form will be received from the registered contractors of the appropriate class of the Public Health Engineering Department (T.W.A.D.), P.W.D., Highways and Rural Works or any other similar Government Departments by the Superintending Engineer (P.H.E.), at his office at No. 17, Sir P.T. Rajan Road, Madurai-2 up to 3 p.m. on 14th September 1971 and they will be opened on the same date at 3-30 p.m.

Name of work .. Kovilpatty Water Supply Scheme—II Stage—Distribution System—Laying and Jointing of C.I., A.C. or P.V.C. Pipes and Specials for Low Level Zone—District II—Part II comprising of Main 2, O.S. of main 2, S.M. 2 up to L.S. 3,415, (1 040 m.) and their allied branches.

Form of contract .. K-2.

Earnest Money Rs. 680 (Rupees six hundred and eighty only).

This amount has to be deposited along with the tender 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, Kovilpatti.

Period of completion 6 months.  
of work.

Cost of tender documents. Rs. 5.18 (including Sales Tax).

Tender documents can be obtained from the Executive Engineer, Public Health Engineering Division, 25, Vakkil Street, Kovilpatti (up to 5 p.m. on 10th September 1971). 50-A

K. Govinda Menon,  
Superintending Engineer (P.H.E.),  
Madurai-2.

# TAMIL NADU WATER-SUPPLY AND DRAINAGE BOARD.

## SHORT CHIT TENDER NOTICES.

Sealed tenders will be received by the Superintending Engineer, Public Health Engineering Circle, Madurai-2, for the following supplies at his office at No. 17, Sir P. T. Rajan Road, Narimedu, Madurai-2, up to 3-00 p.m. on 8th September 1971.

Sealed tenders will be received by the Superintending Engineer, Public Health Engineering Circle, Madurai-2, for the following supplies at his office at No. 17, Sir P.T. Rajan Road, Narimedu, Madurai-2, up to 3-00 p.m. on 15th September 1971.

Form of contract.	Description of work.	Earnest money deposit.	Period of completion.	Cost of tender documents.	Form of contract.	Description of work.	Earnest money deposit.	Period of completion.	Cost of tender documents.
(1)	(2)	(3)	(4)	(5)	(1)	(2)	(3)	(4)	(5)
		RS.		RS.			RS.		RS.
L.S.	Madurai and Trichy Drainage Schemes—Supply and delivery of S.W. Slants and uprights of various sizes.	3,500	Six months.	10.35	L.S.	Kovilpatti W.S.S. and Karaikudi W.S.S.—Supply and delivery of C.I. sluice valves of various sizes for use in water-supply mains.	3,700	Six months.	10.35

The tender documents can be had from the office of the Executive Engineer, Public Health Engineering Division, 14, Ramamoorthy Street, Chokkikulam, Madurai-2, during working hours on all working days, by remitting the cost of tender documents either in cash or by money order till 4th September 1971.

The tender documents can be had from the office of the Executive Engineer, Public Health Engineering Division, 48, College Road, Subramanyapuram, Karaikudi, by remitting the cost of tender documents either in cash or by money order till 10th September 1971.

Demand draft on any scheduled bank payable at par or treasury chalan drawn in favour of the Executive Engineer, Public Health Engineering Division, Madurai-2, or bank guarantee for the entire amount executed from any one of the nationalised banks which will also be accepted. Cheques will not be accepted on any account.

The earnest money deposit for the work is payable in the form of demand draft on any scheduled bank payable at par or treasury chalan drawn in favour of the Executive Engineer, Public Health Engineering Division, 48, College Road, Subramanyapuram, Karaikudi. Bank guarantee for the entire amount executed from any one of the nationalised banks, will also be accepted towards earnest money deposit. Cheques will not be accepted on any account towards earnest money deposit.

**K. GOVINDA MENON,**  
Superintending Engineer (P.H.E.).

**K. GOVINDA MENON,**  
Superintending Engineer (P.H.E.)

**PUBLIC WORKS DEPARTMENT.  
MADRAS-CHINGLEPUT CIRCLE.**

**CHIT TENDER NOTICE.**

**Construction of additional buildings for accommodating Out-patient Department in Kilpauk Medical College, 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, Madras-5, for the above work up to 3 p.m. on 10th September 1971. The tenders will be opened by the Superintending Engineer, Madras-Chingleput Circle, in the presence of those tenderers who choose to be present at 3-15 p.m. on the same day.

Form of Agreement ... ..	Lump sum.
Earnest Money Deposit ... ..	Rs. 5,000.
Cost of tender documents with plans.	Rs. 20 plus Sales-tax at 3 per cent.
Period of completion ... ..	Four months.
Tender documents will be available for sale at the Office of the Superintending Engineer, Madras-Chingleput Circle, during office hours.	From 6th to 9th September 1971.
Date of tender ... ..	10th September 1971.

The cost of tender documents (which will under no circumstances be refunded) should be remitted into the treasury of Reserve Bank of India under the head "Public Works Department Remittances III. Other Remittances" to the credit of the executive Engineer, P.W.D., Buildings Division II. 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.

Further particulars could be had from the office of Superintending Engineer, Madras-Chingleput Circle, Madras-5.

**Superintending Engineer,  
Madras-Chingleput Circle.**

**GOVERNMENT OF TAMIL NADU.  
PUBLIC WORKS DEPARTMENT.**

**CHIT TENDER NOTICE.**

Re. No. 19091/71-D5, Dated 28th July 1971.

**"Construction of additional Floor for Government Arts College for Women at Namakkal."**

For and on Behalf of Governor of Tamil Nadu, Sealed Tenders will be received by the Superintending Engineer, P.W.D., Salem-Dharmapuri Circle, Salem-4, for the above work up to 3-00 p.m. on 6th September 1971. Tenders will be opened at 3-15 p.m. on the same day in the presence of those who choose to be present at the time of opening of the tender.

Form of agreement ... ..	Lump sum.
Earnest money deposit (will be accepted in the shape of Chalan or National Savings Certificates or Deposit at Call Receipts of Scheduled Banks or Demand Drafts of Scheduled Banks or State Government Securities or by Madras State Electricity Board Bonds) ... ..	Rs. 10,000
Cost of tender documents (to 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, Buildings Division, Salem-5) ... ..	Rs. 20
Sales Tax [to be remitted under the head of account "XII. Sales Tax (d) Miscellaneous."]	Re. 0-60
Period of completion ... ..	9 (nine) months.
Dates from up to which tender documents will be available for sale at the Office of the Superintending Engineer, Salem-Dharmapuri Circle, Salem-4.	From 16th August 1971 to 3rd September 1971.

State Government Securities and Madras State Electricity Board Bonds will be accepted at 25 per cent below face-value.

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

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

## CHIT TENDER NOTICE.

**Tirupathur (North Arcot) Water-Supply Scheme—  
Supply and erection of vertical turbine pump-  
sets and accessories.**

For and on behalf of the Tamil Nadu Water-Supply and Drainage Board, sealed tenders in the proper departmental form will be received by the Superintending Engineer, Tamil Nadu Water-Supply and Drainage Board, Madras Circle, at his office at 52, Gengu Reddy Road, Madras-8, for the above work up to 5-00 p.m. on 21st September 1971. The tenders will be opened after 3-30 p.m. on the same day by the Superintending Engineer, Tamil Nadu Water-Supply and Drainage Board, Madras Circle in the presence of the tenderers who are present at the time of opening.

Form of contract—Lump sum.

Earnest money deposit—Rs. 7,000 (Rupees seven thousand only) (To be in the form of treasury chalan, demand draft or in any one of the accepted form of deposits as prescribed in the tender schedule).

Cost of tender documents—Rs. 20.74 (Rupees twenty and paise seventy-four only) including sales-tax.

Period of completion—10 (Ten) months.

Tender documents can be had from the Executive Engineer, Tamil Nadu Water-Supply and Drainage Board, 301, Janath Road, Vaniambadi by remitting cash or by sending M.O.

**SUPERINTENDING ENGINEER,  
Public Health Engineering Circle, Madras-8.  
DIRECTORATE OF SMALL SAVINGS.**

### CHANGE OF ADDRESS.

The Directorate of Small Savings, Government of Tamil Nadu has been shifted from Fort St. George, Madras-9, to the following address with effect from Monday, the 26th July 1971:—

No. 34, Anna Salai (Mount Road),  
(First Floor), Opposite to Government Arts  
College, Madras-2.

New Telephone No. : 812223.

**R. KULANDAIVELU, I.A.S.,  
Director of Small Savings.**

## CHIT TENDER NOTICE.

For and on behalf of Governor of Tamil Nadu, sealed schedule tenders will be received by the Superintending Engineer (Highways and Rural Works), Tiruchirappalli at his office at Subramaniapuram, Pudukkottai Road, Tiruchirappalli up to 3-30 p.m. on 8th September 1971 (Wednesday) for the work noted below and opened at 3-35 p.m. on the same date.

<i>Name of work.</i>	<i>Earnest money deposit.</i>
(1)	(2)
	RS.
Reconstructing the existing bridge at K.M. 1/0 of Kodai Ghat Road.	6,300

1. Particulars of tender conditions, prescribed forms, schedules, plans, etc., can be obtained from the Office of the Divisional Engineer (Highways and Rural Works), Dindigul on requisition in writing and on payment of Rs. 20.60 per set including sales-tax (not refundable) in all working days during working hours from 25th August 1971 to 7th September 1971.

2. The earnest money deposit noted above shall be remitted in any of the Government Treasuries within the jurisdiction of the Divisional Engineer (Highways and Rural Works), Dindigul, under "Revenue Deposit" and the receipted chalan should be enclosed with the tender.

3. Alternative design for this proposal will not be entertained.

4. Earnest money deposit in the shape of 12 Year National Defence Certificates, 10 Year Defence Deposit Certificates, State Government Securities, Tamil Nadu State Electricity Board Bonds, Bank Guarantees, Deposit at Call Receipts, Demand Drafts issued on Scheduled Banks will also be accepted.

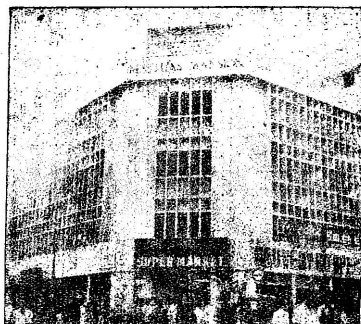
5. The Reserve Bank concurrence for the bank guarantee should be obtained and enclosed and the tender received without this will be rejected.

6. Tenders without earnest money deposit will be summarily rejected.

**A. DEVAPRIYAM,  
Superintending Engineer  
(Highways and Rural Works),  
Tiruchirappalli-1.**

# CHINTHAMANI SUPER-MARKET ONE OF THE BEST IN THE COUNTRY

A Shining Example of Success  
for Super-Markets.



Shown in the picture is "Cauvery" the Super Market in Madras.

The "Chinthamani" in Coimbatore and the "Janatha Bazaar" in Bangalore, have come in for special praise by the Centre as the best run Co-operative department stores in the country.

The Union Minister for Agriculture, Thiru Jagannath Pahadia recently described "Chinthamani", as a shining example of success and the "Janatha Bazaar" as a well managed store. He not only praised them but also wanted other co-operative stores to emulate them.

The Coimbatore stores has a monthly turnover of Rs. 40 lakhs and its annual profits exceed Rs. 3 lakhs. According to Thiru Pahadia, the secret of its success is that it provides the "Best-buy in the town".

There are over a hundred co-operative department stores known as. "Super Bazaars" in

the country offering a wide-range of consumer goods and service, but most of them have incurred losses.

Sponsored by the Coimbatore District Central Co-operative Supply and Marketing Society Limited, with its rich experience and net-work of organisations in marketing consumer goods over 25 years, and ably supported and serviced by its procurement centres and processing units, "Chinthamani" gets its supplies in assured quality and at the lowest possible prices. Latest methods of cleaning and preparation, packaging, display and delivery are adopted and the staff are systematically and continuously trained in modern-techniques of sales and customer services. It is able to work efficiently within a low margin-of profit, thereby ensuring competitiveness. A large volume of the public of Coimbatore and its surroundings have started patro-

nising "Chinthamani", convinced of its comprehensive and reliable services. Its services extend and cover a large number of hostels of the educational institutions in Coimbatore, and an Omni Bus Service is provided for free transport of customers within a radius of 15 miles. The Coimbatore District Central Co-operative Supply and Marketing Society has plans to strengthen and expand the Super Market by increasing and modernising its processing units.

Another important feature of the activities of the Super Market is its new Agro-Service Centre, to extend comprehensive and efficient service to the agriculturists by providing them with all their requirements such as fertilisers, pesticides, agricultural implements, sprayers, etc., besides, technical know-how in the field and assistance in financing their procurements. This has greater potential for expansion and future development.

How  
to  
Make  
the  
Man  
of  
Small  
Means  
Enter  
the  
Stock  
Market



Governor's  
Plain Words  
to  
Private Sector

In recent years, industry's dependence on financial institutions has significantly increased and it is really Government which is financing a large part of private development. I find that nearly 41 per cent of the finances of public limited companies come from the public sector either as loans or underwriting of shares by financial institutions or credit from commercial banks or tax free development rebate. I feel this is too high a proportion to be ignored. It would be wrong then to expect Government to function merely as a money lender.

You are well aware that today there is a huge gap between corporate managers and the common man. The only association between the two is possibly as employer and employee or buyer and seller. In both these associations possibly there is an uneasy feeling that the common man gets a raw deal. It is this credibility gap which has to be made good by greater association of the common man with the corporate sector not merely as a worker or as a customer but as an owner. And this can be done by inducing the common man—the man with small means—to invest in shares of the corporate sector. If more people are involved in the financing, and consequently in the prospects of the corporate sector, there is a fair chance that the social and economic fabric may be better integrated. There will be identification of the people with management and therefore with industry and trade. Thriu Kanoria

called it democratisation of industry ; but I think it is much more than that. It would be economic integration of different classes in our society.

To make this integration really effective, it would be necessary that ownership of industry through shareholding is made sufficiently attractive and brought within the reach of most of the people. I would like to emphasise this aspect because it is the small man with the small means who forms the core of our society and it is only through his support that an institution can survive, let alone progress. Therefore, I would urge you to look upon this question of mobilising resources as a

He's Afraid  
of you

matter, not merely of getting money for development, but of making the general public a partner in your industrial enterprise.

Let me ask you another question. Is the small man interested in buying and holding your shares ? Can you make him your client ? My feeling is that it will not be so easy to win him over. Let me tell you quite frankly that he will be afraid of investing in your shares. Quite a lot of people may not even have heard what an equity is or what a debenture is. You are, therefore, up against quite an uphill task. To many who have heard about shares, or who read the financial columns, equities are

## AVOID MANIPULATION

something associated with speculation. A small man would not like to invest his savings in shares if the prices of the shares fluctuate widely. If he finds that he is merely a straw in the whirl-pool of your speculation, you cannot expect him to show much interest in your scrips. What he expects is that his capital is safe, that he can convert it any time he wants into cash and that it gives him a fair return. Or to put it more technically, he would expect ready liquidity, some capital appreciation and a fair rate of dividend. This is not unjustified demand:

I know quite well that no one can guarantee stability of share prices. By their very nature share prices fluctuate. But I hardly see any reason why they should fluctuate so violently or so frequently. If trading in shares is genuine, possibly the range of fluctuation will be very much narrow. Can this be ensured? Yes. It can be if the market is insulated against speculation or manipulation.

You will appreciate that you cannot expect the small man to take risk. His savings will be invested in the scrips of only one company, which even for genuine reasons, may not be able to pay dividend and the shares of which may depreciate in value. Precisely to reduce this risk the Unit Trust of India was set up to give the benefit of spreading investments over a diversified portfolio. I am heartened by the progress the UTI have made. I am equally confident that it is possible for them to tap a vast

amount of resources particularly in the rural sector if organised and consistent effort is made in that direction, possibly through the vast branch net-work of nationalised commercial banks.

To create a proper climate both Government and private sector will have to cultivate perfect understanding. I think it is time that the public sector is also made dependent on public subscription. Government will have to guard against fiscal policies responsible for wide fluctuation and will have to make public sector attractive and remunerative.

## SECURE STEADY GROWTH

The private sector will have likewise to ensure efficient and honest management, higher turnover and cost consciousness.

I do not share the gloomy mood of those who are tempted to raise their hands in despair. In spite of handicaps, the ways and means can be devised for the growth of the economy. What is necessary is to enthuse the people to change their mood and to gird up their loins for saving and capital formation. Investment habit grows either through incentives or during national calamity which creates a climate. I have no doubt industry will ensure that the capacity which has been installed over the years is properly utilised and that the growth of industry takes place in accordance with the plan priorities. Government on their part will see that in public sector growth becomes faster, turnover speedier

and returns higher. This will create a climate for national consciousness.

Recently a number of licences have been cleared. It is for the private sector to see that the period of gestation is cut down drastically. Unless this is done, we will not be able to revolve our resources faster and unless turn over is several times saving cannot be expedited and unemployment cannot be reduced. You know that if unemployment grows beyond a certain level the very social fabric of the country will be strained. We have, therefore, to be cautious and careful.

It is possible to mop up additional money pumped into economy by encouraging the investment habit. Once it catches it will overcome adverse factors. Adequate returns, reasonable guarantee for safety of capital and chances of capital appreciation cultivate habit of investment and compulsory saving. Resources created by Government and surplus from Government revenue besides financing development become available to private sector through various types of specialised financial institutions catering to the needs of small, medium and large industries. I, however, agree with Thiru Kanoria that these institutions cannot be a substitute for public financial investment. It will be unfortunate if entrepreneurs and industrial houses were to depend entirely on financial institutions to under-write the share capital. In fact, the test of the sound economy is to maintain a ratio between investment by financial institutions and public subscription.

# Kelthane® kills more species of mites, offers longer residual control, is safe to use.

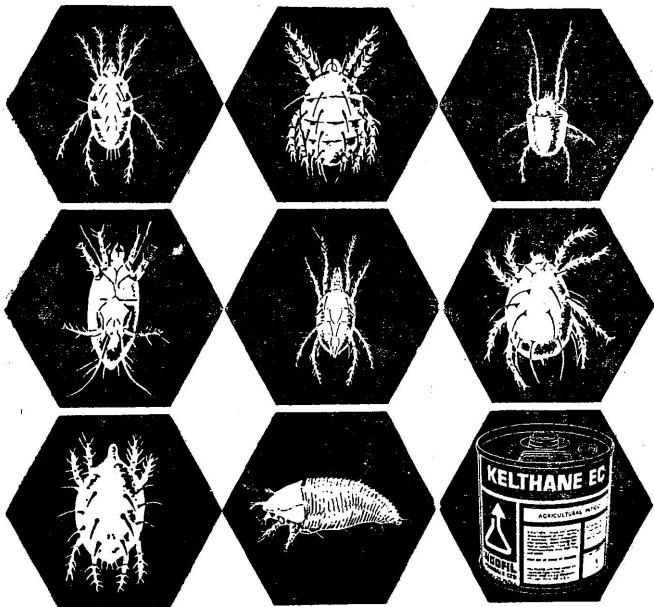
Kelthane is a broad spectrum miticide. Kills more species of mites than any other miticide available. Kelthane is outstanding for its remarkably long residual action against adult mites and nymphs. A thorough application is effective for four to six weeks—even longer.

Kelthane is safe on foliage and fruit. No fruit russeting or damaging on even

the most sensitive varieties. Kelthane is harmless to pollinating or beneficial predatory insects.

**INDOFIL CHEMICALS LIMITED,**  
Bombay 25

- KETHANE and the flask symbol are the trademarks of ROHM AND HAAS CO./PHILADELPHIA, Pa., registered in the U.S. Patent Office and in other countries.



Indofil Chemicals for a greener tomorrow

# WHAT IS pH IN THE SOIL?

The acidity or alkalinity of soil is expressed by the term pH. Based on the pH value, the soil is classified as Acidic or Alkaline as indicated below :—

pH below 6.0	Acidic.
6.1 to 8.0	Normal.
8.1 to 8.7	Moderately alkaline.
above 8.7	Alkaline.

A soil is considered neutral at pH 7. Too frequently farmers think that a pH of 6.0 is just a little more acid than pH 7.0. But really it is not the case. The measure of acidity of a soil at pH 6.0 is 10 times more acid than at pH 7.0, at pH 5.0 it is 100 times more acid and at a pH of 4.00, the strength of the acidity is 1000 times that at pH 7.0.

The first approach to any soil nutritional problem is to test the soil and correct the pH as needed by the addition of the recommended dose of lime for acid soil or gypsum for alkaline soil.

To correct the acidic soils (pH below 6.0) application of lime in the form of calcium carbonate is recommended as below :—

Soil pH.	Lime (caco <sub>3</sub> ) in kg/acre.
5.9	455
5.8	680
5.7	905
5.6	1135
5.5	1360
5.4	1590
5.3	1815
5.2	2040
5.1	2260
5.0 and below	2495

Alkaline soil (pH above 9.00) may be corrected by the incorporation of gypsum in addition to the flooding and leaching out the harmful salts.

In calcareous soils gypsum may be applied from pH 9.0 onwards. In non-calcareous soil, gypsum has to be applied at the rate of 1 tonne per acre for the pH range 8.5 to 8.9. For pH above 9.0 the following rates are adopted:—

Soil pH.	Gypsum Tonnes/acre.
9.0	1.0
9.1	1.4
9.2	1.8
9.3	2.2
9.4	2.6
9.5	3.0
9.6	3.4
9.7	3.8
9.8	4.2
9.9	4.6
10.0	5.0

In the case of soils with E.C. above 1.0 the following measures are recommended.

E.C. 1.1 to 3.01 Improvement of drainage.

Above 3.01 Improve drainage and leach out salts with good water.

## THE HAIRY CATERPILLAR

### A Ground nut Pest

Hairy caterpillar is a great threat to groundnut. Once the attack is on, the control is difficult.

The most important measure is to dust the crop with sodium

fluosilicate with talc in the ratio of 1 : 8 by weight. Ten per cent BHC at the rate of 11 to 17 kilos per hectare can also be used.

Other measures are : ploughing the field after *kharif* to expose the pupae to the sun and birds ; collecting and destroying eggs lying in clumps near the soil surface, digging 20 by 35 cm. deep trenches around the field to check caterpillars from crawling inside it. The adult pest, which is a moth should also be killed before it starts laying eggs. This can be done by setting light-traps.

Petromax or hurricane lamps will serve as a light-traps. The lamp is put in the field on a tray of kerosenized water. Large numbers of moths are attracted, especially on warm quiet nights. They fall into the water and get killed.

## WATER FOR CATTLE

One of the reasons for low milk yields and the slow working of bullocks can be unclean drinking water.

Stagnant drinking water from the village pond and water holes can become very dangerous. To be safe, it must be treated with lime before use. Even if large quantities of lime are used, it is still unsafe. The pond must also be cleaned up once in a while, and all the silt and clay removed from the sides and the bottom.

If barrels and troughs are used, they should be drained out every three or four weeks, given a thorough scrubbing on the sides and bottom and rinsed properly.

**7½ PER CENT TAMIL NADU ELECTRICITY BOARD RURAL  
ELECTRIFICATION BONDS, 1978 FOR Rs. 375 LAKHS.**

Issue price Rs. 99-50 per cent .. .. . Opened on 2nd August 1971.

Redeemable at par on the 30th October 1978 .. .. . Closing on 30th October 1971

Subscriptions are being received in cash or cheque for the 7½ per cent Tamil Nadu Electricity Board Rural Electrification Bonds, 1978. The lists will be closed without notice as soon as the total subscriptions amount to approximately Rs. 375 lakhs and in any case, not later than the close of business on the 30th October 1971. The bonds provide good investment.

Applications will be received at the Local Head Office of the State Bank of India at Madras and at all their Branches in Tamil Nadu.

Copies of the Notification announcing the terms of issue and application forms are available at all the receiving offices mentioned above, at all treasuries and sub-treasuries in the State of Tamil Nadu and at all offices of the Tamil Nadu Electricity Board.

Contribute liberally in the cause of national development.

24-A

**C. G. RANGABASHYAM,**  
Chairman, Tamil Nadu Electricity Board.

**TAMIL NADU ELECTRICITY BOARD**

**4¼ PER CENT MADRAS STATE ELECTRICITY BOARD BONDS, 1971  
REDEMPTION NOTIFICATION.**

It is notified for general information that the whole of the outstanding balance of 4¼ per cent Madras State Electricity Board Bonds, 1971 issued in terms of Notification No. 1180-F/59, dated the 3rd September 1959 of the Tamil Nadu Electricity Board, will be repaid at par on the 17th September 1971, with the interest due up to and including the 16th September 1971. No interest will accrue on the loan from and after the 17th September 1971.

The procedure for repayment of the loan will be governed by the provisions of the Government Securities Manual as amended from time to time and the Tamil Nadu Electricity (Supply) Finance Rules, 1958 as amended from time to time, with the rules of the Board having precedence, where there is any variance.

The holders of the bonds may tender the bonds duly discharged to the Public Bodies' Loans Section of the State Bank of India, Bank of Mysore Building, Madras-1 either direct or through their Branches or their Bankers and obtain payment by means of redemption warrants payable at par at all the Branches in Tamil Nadu and Branches at Bangalore and Bangalore City and the Local Head Offices of the State Bank of India at Ahmedabad, Bombay, Calcutta, Hyderabad, Kanpur and New Delhi on completion of formalities. Full details of the procedure for obtaining discharge value can be obtained from the Public Bodies' Loans Section of the State Bank of India or any of the Branches of the State Bank of India. 67

**CHAIRMAN,**  
Tamil Nadu Electricity Board,  
Madras.



## TAMIL NADU SLUM CLEARANCE BOARD.

### TENDER NOTICE.

For and on behalf of Tamil Nadu Slum Clearance Board, sealed Tenders with name of work, tenderer and group Nos. duly superscribed on the cover are invited from reputed contractors by the undersigned up to 3-00 P.M. on 9th September 1971 for the following works (AT NEW AVADI ROAD OMNI BUS SCHEME). 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.

Serial number.	Group number.	Description of work.	Approximate value in	Form of contract.	Cost of Tender Documents.
				EMD	Rs.
1	I	Construction of (32 in 1) tenemental blocks A3 & A4.	Rs. 2,47,000	L.S.	15+ST (Not refundable).
2	II	Construction of (32 in 1) tenemental blocks A5 & A6.	Rs. 2,47,000	L.S.	Do.
3	III	Construction of (32 in 1) tenemental blocks A7 & A8.	Rs. 2,47,000	L.S.	Do.
4	IV	Construction of (32 in 1) tenemental blocks A13 & A14.	Rs. 2,47,000	L.S.	Do.
5	V	Construction of (24 in 1) tenemental blocks B1 & B2.	Rs. 1,86,000	L.S.	Do.
6	VI	Construction of (24 in 1) tenemental blocks B3 & B4.	Rs. 1,86,000	L.S.	Do.
7	VII	Construction and sinking of 6.1 M. dia. well.	Rs. 25,000	L.S.	Do.
8	VIII	Construction of overhead reservoir of 1.5 lakhs liters capacity on 21 m. staging.	Rs. 60,000	L.S.	Do.
				900	

Tender documents and other details can be had from the office of the undersigned on all working days from 30th August 1971 to 8th September 1971. Right is reserved by the Executive Engineer to reject any or all tenders received without assigning any reason there for. 25A

Executive Engineer, Slum Clearance Board, Dn. III, Madras-10.



## TAMIL NADU SLUM CLEARANCE BOARD.

### TENDER NOTICE.

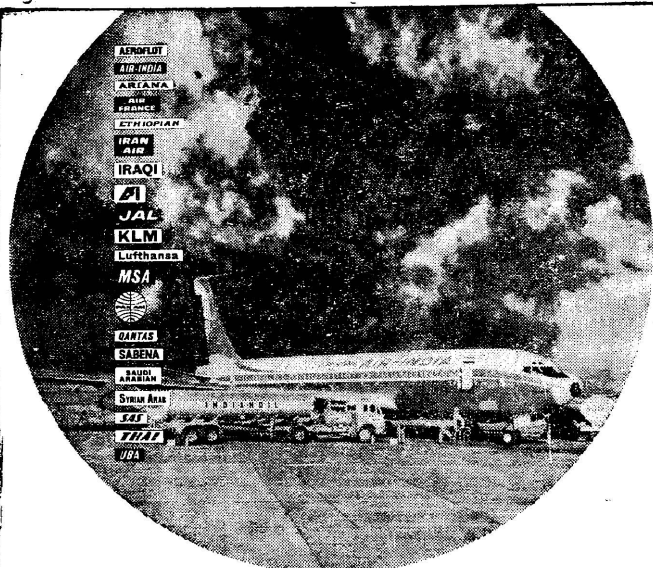
For and on behalf of the Tamilnadu Slum Clearance Board, sealed tenders with the name of work, tenderer and group numbers duly superscribed on the cover are invited from reputed contractors by the undersigned up to 3:00 p.m. on 17th September 1971 for the following works at PARVATHY KAKKAN COLONY (PULIANTHOPE) above basement level. 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.

<i>Serial number.</i>	<i>Group number.</i>	<i>Description of work.</i>	<i>Approximate value of work.</i>	<i>Form of contract and EMD in Rs.</i>	<i>Cost of tender documents (Not refundable).</i>
(1)	(2)	(3)	(4)	(5)	(6)
			RS.		RS.
1	I	Construction of 24 in 1 Blocks A1 and A2 and 12 in 1 block C2.	2,00,000	L.S.	15+S.T.
				3,000	
2	II	Construction of 24 in 1 Blocks A3 and A4.	1,60,000	2,400	Do.
3	III	Construction of 24 in 1 Blocks A5 and A6.	1,60,000	2,400	Do.
4	IV	Construction of 18 in 1 Blocks B1, B2 and B3.	1,80,000	2,700	Do.
5	V	Construction of 18 in 1 Blocks B4, B5 and B6.	1,80,000	2,700	Do.
6	VI	Construction of 18 in 1 Blocks B7 and B8 and 12 in 1 Block C1.	1,60,000	2,400	Do.
7	VII	Construction and sinking of 6 Metre dia well.	25,000	375	Do.

Tender documents and other details can be had from the office of the undersigned on all working days from 6th to 16th September 1971. Right is reserved by the Executive Engineer to reject any or all tenders received without assigning any reason therefor.

76-A

**Executive Engineer,  
Division III.**



# KEEPING A NATION ON THE MOVE



*a national trust  
for economic prosperity*

As many as 20 airlines of international repute avail of INDIANOIL's expert refuelling service. In the growth of India's transport and communications, INDIANOIL has been playing a distinct role. But that is not to belittle its contribution to the nation's agriculture and industry.)

In a short span of a decade, INDIANOIL has emerged as the biggest oil refining and marketing organisation in India—meeting more than half of the nation's total requirements of petroleum products.

With a chain of refineries processing indigenous crude, a vast pipeline transportation system, and a countrywide storage and distribution network, INDIANOIL has ensured an uninterrupted flow of oil for India's defence and development.

As part of the nation's planned development INDIANOIL ceaselessly strives to take the country towards self-reliance and self-sufficiency in petroleum.

**INDIAN OIL  
CORPORATION  
LIMITED**



**Poompuhar.**—We have listened to the song of the waves on many a shore but the poignant tune of the waves that roll in the sea off Kaveripoompattinam of the present takes us to a world far, far away from the world of today. And what we are transported to is the world of Tamil literature of nostalgic antiquity, drenched in nectar perennially sweet.

The beautiful City of Poompuhar was on the banks of Cauvery where the River meets and merges with the billowing sea. The City with its three sectors, namely Pattinapakkam, Maruvor-pakkam and Nalangadi—where the landmarks were the Grand Arch which the King of Avanti had constructed as a gift to Karikal Chola, the Auditorium of Pearls which was a present from the Monarch of Vajra and the Pavilion which was a tribute from the Ruler of Magadha—is today under the sea. But the renown of the City reigns supreme even now and all the oceans of the world cannot draw a veil over it.

As long as the Chera Prince-Poet Ilango's Epic *Silappathikaram* is on record, the fame of Poompuhar, the greatness of Mathurai, the valour of Vanchi and, in short, the glory of Tamilagam shall remain undimmed.

The characters delineated by the royal ascetic Ilango Adigal—Kovalan and Kannagi and Madhavi of dulcet speech, Nedunchezhiyan the Pandya King

who sacrificed his life at the altar of justice and Senguttuvan the Chera Monarch who led an expedition to the North in order to hew rock from the Himalayas for the Statue of Kannagi—send a message in unison to us, that singing the praise of the Tamil people is a noble exercise that has no point of satiation. And this Play based on Ilango's Epic is the outcome of that emotion and enthusiasm.

As a member of the vast ranks, ever vigilant in the cause of Tamil and the Tamil people, I have been impelled to this effort by my affection and love for the language of everlasting fragrance and eternal grandeur. Active service to Tamil is the first and foremost of my duties and this attempt is but a step in that direction.

The Tamils have a long and venerable history and their writ had run even in far-off lands, across the high seas. Many foreign countries had established diplomatic relations with the land of the Tamils. *Silappathikaram* is not only a story of edifying emotions; it is also an elaborate history of Tamilagam.

Poompuhar the birthplace of the characters of *Silappathikaram*—Kannagi and Madhavi and Kovalan—was a harbour-city handling export and import on a large scale, as has been recorded in detail, in *Pattinappalai*: "Steeds from across the seas and loads of pepper delivered by barges from

## EPIC SILAPPATHIKARAM HIGHLIGHTS THE GLORY OF TAMIL NADU

inland ; gems and gold from the northern hills, sandalwood and akhil from the western ghats, pearls brought from the southern sea and coral from the eastern sea ; goods from the plains of the Ganga and produce from the banks of the Cauvery itself—a resplendent sight, the scene of active prosperity here.....” Karikalan was a Chola Monarch of great renown who ruled from this Capital and his period has been estimated to be from 60 B.C. to 10 B.C.

It was during this time that Augustus Caesar ruled in Rome (i.e.), from 39 B.C. to 14 A.D. It is clear that the Tamil King who sent Envoys to the Court of Augustus Caesar was Pandyan Peruvazhuthi. Trade relations had been established between Rome and Tamilagam a long time before, but the ties became closer only after Karikalan and Peruvazhuthi were crowned. The friendship between Rome and Tamilagam flourished steadily thereafter and it can be said that decline set in, only after the period of King Nero of Rome. Archaeology has yielded impressive material testifying to the friendly relations between Rome and Tamilagam.

The Greeks and the Romans were called ‘Yavanas’ here and quite a few of them were in employment in Tamilnad as Palace-guards. Tamil literature contains ample references to this fact. Mention is made in *Silappathikaram*, of the Yavanas with swords fierce in battle, making excellent guards.

Pepper formed the main item of export from Tamilagam to Rome. It is said that when Rome was subjugated once, it was ordered to pay 3,000 pounds of Tamilnad-pepper to the Conqueror.

In the place called Colachal, south of Musiri, convicts sentenced to death were made to dive for pearls, for export to Rome.

In the records of Ptolemy there are references to two ports of Tamilnad which could be taken as Kaveripoompattinam and Pudhuvai (Pondicherry) Pearls and conches of Korkai in Pandya land were of course world-famous. That the pearls from Korkai were matchless is seen from the lines in Ahananooru : “ Pearls of Korkai guarded by the virtue of the valorous Pandyas..... ”

Apart from pearls, Korkai exported fine cloth, of cotton and silk, to Rome and other places ; and it imported horses, varieties of liquor and glassware. The harbour was always buzzing with activity.

Literature of the sangam age contains proud references to the active Musiri port where Yavanas arrived in ships laden with gold and returned with a cargo of pepper.

It has also been recorded in Tamil literature that merchants and sailors from many countries used to arrive at the port of Puhar and that there was great friendship not only among them but also between them and the local people. And that way, Puhar can certainly be said to have nurtured fraternity among peoples of different lands.

Such was the prominence in maritime trade and the historic greatness of Poompuhar. It was against this backdrop that Ilango placed the theme of his monumental epic that had in it sufficient material of invaluable importance to posterity. The way of life of the ancient Tamils, their culture, civilisation and political organisation and their love of and proficiency in Arts—all these have been delineated in a masterly manner in *SILAPPATHIKARAM*, the great author of which deserved to be remembered in gratitude by historians too.

The story of *SILAPPATHIKARAM* has formed the basis for very many new stories in Tamilnad. A spate of stage-plays too cropped up on the subject, totally discarding the literary finesse, artistic splendour, historical background and the nobility of the characters of the original. In the process Kannagi became ‘Karnagi’. Kovalan turned into ‘Kovilan’ and Madhavi was transformed into ‘Madhagi’, to be sinned against in that name. And all this caused unbearable anguish to those who had studied *SILAPPATHIKARAM*.

I am one of those who feel that it is no fault to effect a few changes in the presentation of the story, if such changes lend strength to the fundamentals enunciated by the author of the Epic. Likewise it is no fault to portray the characters with added details, as long as such portrayal does no violence to the nature of the characters.

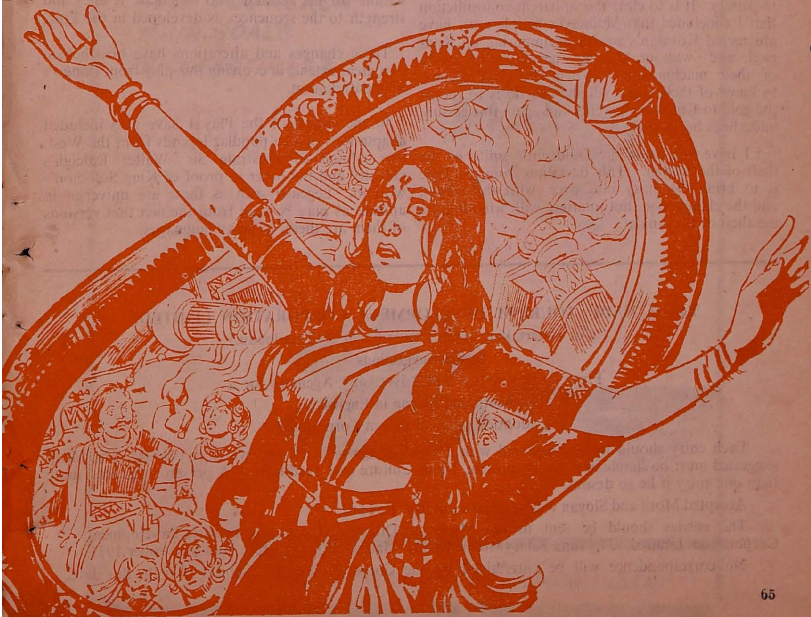
Also, it would not be inappropriate or improper if a few alterations are made, in tune with the spirit of the times, without of course deflecting the purpose of the story. It would be equally proper if certain ideas are emphasised that might have been left out by the author and certain reasons listed which the author might not have felt the need to record, in his time ; that these insertions do not overflow the boundaries of the theme of the original should be the sole criterion.

With these objects in view, I have made bold to put through certain alterations while writing this Play of Ilango's Epic. I am listing a few instances :

\* In the Epic, Madhavi gives a garland to the hunch-backed lady and asks her to hawk it in the street, the idea being that she (Madhavi) would

marry whoever can afford to purchase the garland. Such an indiscriminate choice of a bridegroom does not appear to do justice to a sensitive damsel like Madhavi who later merges her personality so thoroughly with that of Kovalan, a handsome young man and a connoisseur of Art. So I have gone with Ilango, only up to the point where the condition is stipulated for eligibility to woo Madhavi. Thereafterwards, I have deviated from the original and added a sequence involving an old Greek. And incidentally I could also point out the links between Tamilnad and Greece, of those times.

\* The version in SILAPPATHIKARAM is that, on buying the garland, Kovalan went straight away to Madhavi's house. It certainly does not seem logical to convey that the affection which Kovalan had for Kannagi evaporated all of a



## NOT ONLY A STORY OF EDDYING EMOTIONS BUT ALSO AN ELABORATE HISTORY OF TAMIL NADU

sudden. I could not find it in my heart to come out with an affirmative answer to the question as to whether Kovalan who had described his adoring wife so spontaneously as "the gem which the earth could not have yielded and the melody which no harp could compass" would have forgotten her in a trice. The logic of the situation led me to effect certain alterations so that Kovalan's abiding love for his wife and her inherent nobility may be highlighted.

† Madhavi's insistence that Kovalan should visit his wife and Kovalan's acceptance of her advice are additions in detail, intended to assist Ilango to draw the attention of readers to Madhavi's good heart and the purity of her thoughts.

† Madhavi was not after Kovalan's wealth. And yet Kovalan's riches disintegrate and he is reduced to penury. It is to clear this apparent contradiction that I concluded that Madhavi's people must have abstracted Kovalan's wealth by imposing on Kannagi, and without Madhavi herself being aware of their machinations. When she does come to know of their tricks, all she can do is to return the gold to Kovalan's parents and again this gesture underlines her nobility.

† I have not made the Goldsmith guilty of the theft of the Anklet. This deviation from the Epic is to bring the story into pace with the times; and the change does not interfere with what follows the theft of the Anklet.

† Pandya King Nedunchezhiyan's literary contribution, in the form of a poem on learning, included in Purananooru, does not find mention in SILAPATHIKARAM. I have supplied the omission.

† The dramatic element in the sea-side scene in which Kovalan parts from Madhavi is only an elaboration around the nucleus in the original.

† It is hard to sell anklets or ear-rings except in a pair. Kovalan could not have been ignorant of this and if he had actually taken both of the Anklets for sale, there would have been no grounds for anyone to suspect him and the story of course would not have had a climax and Kannagi would not have become a militant heroine. The entire tragedy hinges on Kovalan taking only one of the Anklets for sale. I have provided a rational explanation for his act and I do feel that it does add strength to the sequences as developed in the Epic.

These changes and alterations have also helped to a great extent, in evolving this play from Ilango's Silappathikaram.

In the course of the Play I have also included adaptations of two popular legends from the West, one related to illustrate Sir Walter Raleigh's chivalry and the other in proof of King Solomon's wisdom. Legends such as these are universal in appeal, as may be seen from the fact that versions of them are there, in many languages.

---

### TAMIL NADU TOURISM DEVELOPMENT CORPORATION LIMITED.

(An undertaking of the Government of Tamilnadu.)

#### Invites Suggestions

From leading Artists and Advertising Agencies for a

#### Motif and Slogan in English

For adoption by the Tourism Corporation.

Each entry should be accompanied with a good design in black and white or colour. The Motif suggested must be simple and must represent Tamil Culture and Tradition. A person can send more than one entry if he so desires.

Accepted Motif and Slogan will be given a suitable Reward.

The entries should be sent to the Managing Director, Tamilnadu Tourism Development Corporation Limited, 34, Anna Salai (Mount Road), Madras-2 on or before 10th September 1971.

No correspondence will be entertained by the Corporation on this subject after the due date.

# A PLANNING COMMISSION

FOR THE STATE



*TO ASSESS OUR NEEDS ACCURATELY  
AND ACHIEVE OUR GOAL  
EFFECTIVELY*

**BUT WHO WILL  
ASSESS YOUR  
NEEDS AND  
HELP YOU REACH  
YOUR GOALS  
SUCCESSFULLY?**

**BE YOUR OWN  
PLANNING  
COMMISSION**



LIMITED FAMILY IS  
THE FOUNDATION OF  
STATE'S PROGRESS



ISSUED BY:



DIRECTOR OF HEALTH AND FAMILY PLANNING, TAMILNADU.

# Wonderful New bumper offer

## BUY TAMIL NADU RAFFLE TICKETS

Win  
Rs. 10,00,000

Special Prizes (Common for all series)		Ordinary Prizes (For Each Series)	
One First Special Prize	Rs. 10,00,000	Five Fourth Prizes of Rs. 10,000 each	Rs. 50,000
One Second Special Prize	Rs. 2,00,000	Ten Fifth Prizes of Rs. 5,000 each	Rs. 50,000
One Third Special Prize	Rs. 1,00,000	Fifty Sixth Prizes of Rs. 1,000 each	Rs. 50,000
	Rs. 13,00,000	Thousand Seventh Prizes of Rs. 100 each	Rs. 1,00,000
			Rs. 2,50,000

So far 253 Lakhs!

**Total Prize Amount:**

**Rs. 38,00,000**

**Total Prizes: 10653**

**Draw Date 11-10-1971**

**COST PER TICKET RE. 1/- ONLY.  
SALES ARE NOW ON! RUSH!!**

Issued by: Director of Information & Publicity Government of Tamil Nadu, Madras-9.

Subject to issue of 10 series.

**ALL CORRESPONDENCE SHOULD BE ADDRESSED ONLY TO  
THE DIRECTOR OF RAFFLE, TAMIL NADU, MADRAS-2.**

செலவு ஒரு ரூபாய்



ஏரவோ பல லட்ச ரூபாய்

