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Tamil Arasu

Vol. 2 AUGUST 16, 1971 No. 4

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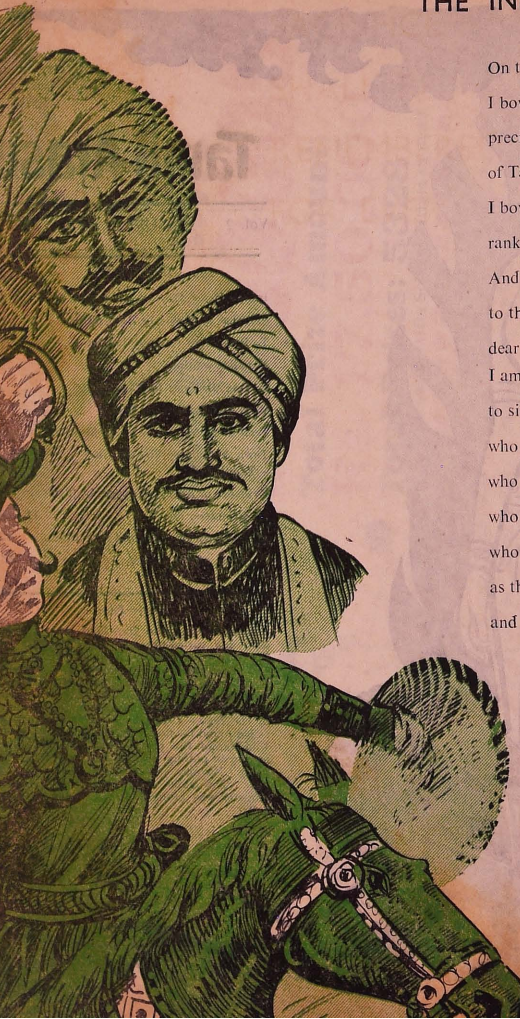
Cover Page

After stealing the lime-light on the stage with his caricature role of "Nawab" in the successful drama 'Nane Arivall', Thiru C. V. Rajagopal, M.L.C., stole the show on Legislator's Day during Fancy Dress Competition in the same ensemble while the Legislator from Namakkal charmed his audience in the Snake Charmer act with a real snake coiled round his neck. In the Tug of War, the Iron Man of the party Thiru Anbil Dharmalingam is pulling with his full weight for his team. Navalair strains every nerve in shot put. The agile showmanship of Tourism Minister was brought to full play in Foot ball.



THE INDEPENDENCE DAY

M. KARUNANIDHI



On this the day of days,
the Day of Independence,
I bow in reverence
to you my Elder Brother
precious as the very life
and the noblest son indeed
of Tamil Nadu glorious
bordered by the billowing seas.
I bow in reverence
to the seniors of the land
ranking equal with
my mother and father ;
And I bow in reverence
to my lustrous brethren all,
to the scholars of renown
and the defenders of Tamil
dear as the eye itself.
I am no poet, alas,
and I have not equipped myself
to sing the praise of those—
the battalions of the brave—
who battled relentlessly
to drive out the aggressor—Englishmen ;
who cheerfully filled the gaols
and spent their life-time there ;
who trod the oil-mill,
yoked in place of oxen ;
who took their life in both their hands
and flung it in the face of death
as they waged a wondrous war
like a sword unsheathed ;
and who were mowed down in their prime,
in the cause of their land's freedom.

My literary apparatus
is not at all equipped
to sing of these martyrs
and warriors supreme.
My verse, I know, is bereft
of the appurtenances of prosody
but I have stepped forth all the same
to speak out here and now
impelled by the principle
that our land and language,
our feeling and dignity
should not be left without
the defence of vigilance.

Not desiring to stand
as a barren tree
but on the other hand
to transform into words
the feelings that well up
in my heart of hearts ;

and in order that my counsel
may be of some benefit
to those who defect and turn their coats,
without the slightest of compunction,
I reiterate the following :

“ Myriad heroes
laid down their lives
and their valorous blood
did flow in torrents
so that our land
may breathe in Freedom ”.

Having delved deep
into the earth
and brought up gold
pure and radiant,
would we ever
throw it amidst garbage,
rather than fashion it
into jewels bright
to adorn our beloved ones
much to their joy ?

Having collected roses
defying the thorns scratching us
would we like to see them
lodged in the hands of leprosy,
rather than set the blossoms
on the tresses of maidens
or string them into garlands
for those we revere ?

Freedom has come to us
as the fruit of our sacrifice
and we shall nurture it,
defending it with our lives.

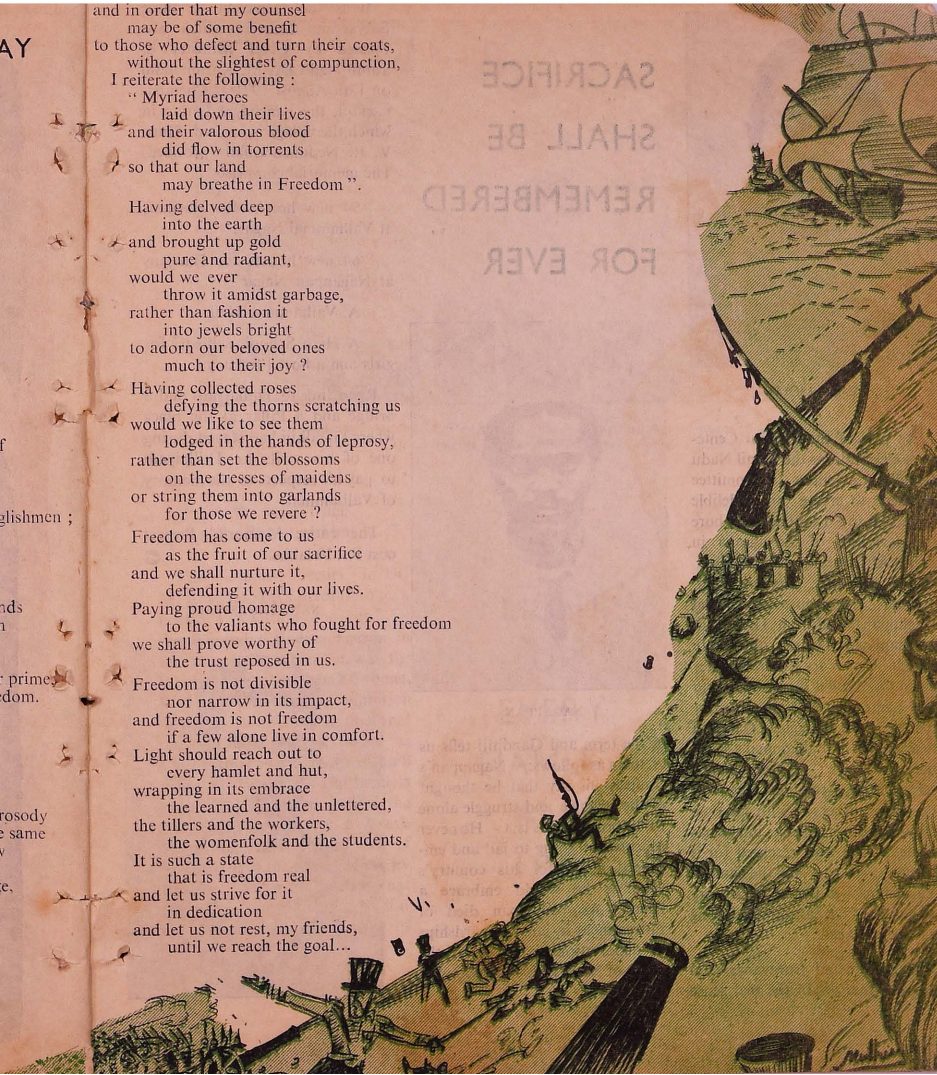
Paying proud homage
to the valiants who fought for freedom
we shall prove worthy of
the trust reposed in us.

Freedom is not divisible
nor narrow in its impact,
and freedom is not freedom
if a few alone live in comfort.

Light should reach out to
every hamlet and hut,
wrapping in its embrace
the learned and the unlettered,
the tillers and the workers,
the womenfolk and the students.

It is such a state
that is freedom real
and let us strive for it
in dedication
and let us not rest, my friends,
until we reach the goal...

SACRIFICE
SHALL BE
REMEMBERED
FOR EVER





VALLIAMMAL

As part of the Gandhi Centenary Celebrations the Tamil Nadu Gandhi Centenary Committee decided to create an indelible memorial to 3 Tamilians who bore the severities of Satyagraha in South Africa along with Gandhiji. As all the three persons, Valliammal, Narayanaswami and Nagappan hailed from Thillaiyadi in Thanjavur District, the State Gandhi Centenary Committee decided to remodel the entire village and name it after Valliammal, a martyr in the struggle. Gandhiji had written of Valliammal's sacrifice as follows: "Valliammal's service is imperishable. She built her temple of service with her own hands, and her glorious image has a niche even now reserved for it in many a heart. And the name of Valliamma will live in the history of South Africa Satyagraha as long as India lives".

Nagappan and Narayanaswami are also martyrs in the real sense

SACRIFICE SHALL BE REMEMBERED FOR EVER



NAGAPPAN

of the term and Gandhiji tells us of them as follows: "Nagappan's companions say that he thought of the struggle and struggle alone till he breathed his last. He never repented of going to jail and embraced death for his country's sake as he would embrace a friend. As Nagappan died of ill-treatment in jail, the hardships of deportation proved to be the death of Narayanaswami (October 16, 1910)".

It is the memorial to these Satyagraha Martyrs which was opened by Chief Minister of Tamil Nadu Dr. M. Karunanidhi on 13th August 1971 at Chembarnarkoil, the Panchayat Union in which the village is located. Thiru V. R. Nedunchezian presided. The memorial comprises:

94 new houses for Harijans at Valliammai Nagar.

64 new houses for Harijans at Nagappan Nagar.

A Valliammai Hall.

A High School, a hostel for girls and a hostel for boys.

Road link to Thillaiyadi and a bridge and a Pillar at the place where Gandhiji had stayed during one of his visits to Thillaiyadi to pay his respects to the memory of Valliammal.

The entire Memorial Project cost Rs. 10 lakhs.

NARAYANASWAMI





Chingleput District celebrated the All-Village Electrification Programme on 5-3-71.
Dr. Kalamangal M. Karunanidhi, Chief Minister Presiding.

“ Let the light reach
every hamlet and hut.....”

This couplet occurs in Dr. M. Karunanidhi's peroration at a poetic symposium convened by the All India Radio, Tiruchirappalli in the year 1968, when he was the Works Minister in Anna's Cabinet. With such a driving ambition in his heart, no wonder then that the very first fiat he issued as Chief Minister was that in Tamil Nadu all the villages and hamlets should be electrified before the end of 1972. It was a Crash Programme that the Chief Minister gave the State Electricity Board. He made it clear that by village electrification, he did not mean merely the drawing of

TO
LIGHT
UP
EVERY
HAMLET
AND
HUT

power lines for energising pumpsets, but street lighting and domestic lighting in the villages. And the Electricity Board rose to the occasion remarkably well. In the year 1970-71 alone an all-time record was set up with electrification of 10,016 villages and hamlets. In a large number of these villages power lines were there for pumpset connections, but only now the village streets saw electric lights. To be precise, out of the above 10,016 as many as 4,451 represented villages already electrified for pumpsets but were provided with street lights and domestic services during the year and 5,565 villages were newly electrified with street lights and domestic services.

the living past

The imprint of Time left on impressive buildings like the Taj Mahal is more easily discerned in written records. In place of mute memorials, eloquent books speak to one and all. The past is preserved in documents and books for posterity to show how and where history is imperishable. The same can be a guide to the future also.

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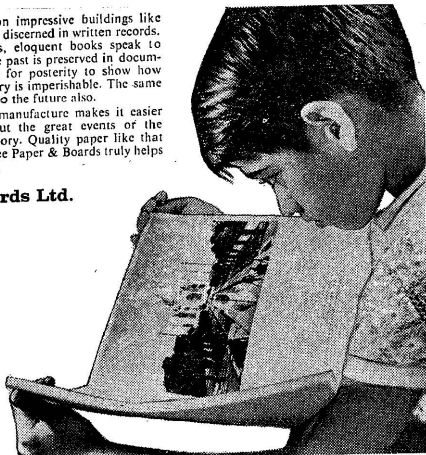
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Sarath

This is the new concept of Village Electrification in Tamil Nadu.

Chingleput was the first of the rural districts of Tamil Nadu where the Chief Minister's ambitious yardstick of all-village electrification came to be completed. To mark this event, the electrification of all the 3,597 villages and 2,260 Harijan colonies in Chingleput district, a spectacular function was organised on 5th August 1971 at Alandur, a municipality of the district and a suburb of Madras City. Participating in the function the Chief Minister ascribed the success of the endeavour largely to the co-operation of the people. He reminded the rapt audience that progress was possible only in an atmosphere of peace. It was a gentle chiding for the exponents of violence.

The Government Electricity Department was formed in the year 1927. During the 32-year period ending with March 1969, electricity had been extended to 9,468 census villages, 21,902 hamlets and 3,064 Harijan colonies, whereas during the 2-year period from 1969 to March 1971, electricity was extended to 2,017 census villages, 8,503 hamlets and 3,416 Harijan colonies. Again from the point of view of street lights, out of 31,727 towns, villages and hamlets electrified up to March 1969, only 22,700 villages and hamlets were having street lights; the rest having electricity for pumpsets alone. Between December

1969 and March 1971, the benefit of street lighting was extended to 16,739 towns, villages and hamlets. Out of 42,229 towns, villages and hamlets electrified as on 31st March 1971, as many as 34,439 had the benefit of street lighting. Only 2,790 villages were having electricity for running pump sets. This in a nut-shell is the record of the crash programme for lighting up Tamil Nadu launched by Dr M.Karunanidhi in June 1969. The programme is estimated to cost Rs. 44 crores. The establishment of the Rural Electrification Corporation in July 1969 helped this programme to some extent as it provided concessional finance to the State Electricity Board for a portion of this work. A similar impetus was given also to the work of energising lift irrigation pumpsets. If on March 31, 1969 there were in the State 4,10,119 energised pumpsets, on 31st March 1971 there were 5,30,044

energised pumpsets; about 1.2 lakh pump sets energised in two years. No wonder the Chief Minister during his Alandur speech once again referred to the fact that goaded by his ambition to elevate Tamil Nadu, he may be setting the scorching pace of a galloping steed and he exhorted the official hierarchy to be equal to the task.

Nilagir too

The Minister for Electricity Thiru O. P. Raman announced at the meeting that Nilgiris district had also completed the all-village electrification programme, while North Arcot, Tirunelveli, Madurai, Coimbatore and South Arcot districts would be completing the programme this year. The remaining six districts would also be completely electrified by the end of 1972.

During the Alandur Function, The Chairman Electricity Board is seen presenting a cheque for Rs. 3 Lakhs to Thiru M. G. Ramachandran, M. L. A., for investment in Small Savings on behalf of the employees.



With an oil refinery and a huge fertiliser project both nearly in production stage, Manali is a sure attraction for a variety of industries to make up a giant petro-chemical complex of the order of Rs. 200 crores investment. Even at the stage of location of these two industries at Manali, the State Government had made all arrangements to see that there was no speculation in land and the entire area has been requisitioned, surveyed and provided with plentiful water supply, enough power load and easy road and rail access. With all these infra-structure facilities and plentiful by-products from two giant projects yielding raw materials for a number of industries, Manali is waiting for entrepreneurs to start a number of industries. When on 3rd August

MANALI IS WAITING

the House of Kamani had invited a number of industrialists on the occasion of the laying of the foundation stone for their Rs. 2 crores Carbon Black Plant at Manali, the fact that Manali is waiting for a host of such industries was brought home to each and every one of their distinguished guests. Dr. M. Karunanidhi, Chief Minister of Tamil Nadu, who laid the foundation stone made it all the more plain when he said: "The Government is pressing with the Centre for the issue of letters of intent for the establishment of a Rs. 80 crores petro-chemicals plant together with units to manufacture the down stream products like polythene, plastics and polyesters. We have also applied to the Government of India for the manufacture of items like Nylon filament yarn, aluminium powder and paste, borax powder and acid. The delays that are incidental to centralised issue of industrial licences are stumbling blocks to the progress of Tamil Nadu." Of course he did not omit to mention that D.C.M.'s. Nylon cord factory I.C.O.'s polyester plant, Nagpal Ambadi's transformer oil plant and I.C.I.'s pharmaceutical project are all fast coming up. The Madras Refineries Limited and the Madras Fertilisers have erected the most sophisticated plant to be found anywhere in the country and the by-products are therefore all the more likely to be of a superior order.

The carbon black plant of Kamani's for instance will utilise

the waste oil of the refineries to produce carbon black the necessary ingredient of the tyre and industrial rubber goods industry. Their technical collaborators have been specially attracted to this project because the raw material is provided by the latest technique. The collaborators for Madras Refineries as well as for the Kamani plant hail from the U.S.

Such is the prospect at Manali. It is capable of attracting the most capable collaborators in the world for any industry to be started at Manali. True to the occasion, Mr. P. R. Kamani in his Welcome address said :

"Here we have a Government which plays a promotional role through diversification of economic activity. Tamil Nadu has reached out and taken on an increasingly prominent position in the industrial map of India. As the Chief Minister said in his Budget Speech, there are many enormous problems facing the State but the faith in the strength of people is more than a match to these problems. Here is thus a close identity, a continuous harmony between the Government and the people to achieve the common goal."

It looks as if Manali may not be left waiting long for a busy hum of many industries and as an additional inducement, the Chief Minister announced that some 500 acres land has been set apart in Manali for a township with all amenities for housing industrial labour.

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DETROIT USES MACHINES MADE IN MADRAS

To carry coals to New-Castle may be a saying to indicate a superfluous, or futile activity. But a Madras manufacturing company is doing just this to bring in heaps of money home. Believe it or not, the forge form drills manufactured by Messrs. Addisons, a unit of the Amalgamations Ltd., Madras are supplied to automobile manufacturers in Detroit, the biggest automobile industry centre in the world.

Other products of export made by the Amalgamations are pistons, diamond drills and paints. The Madras made paints are prized in East Europe and West Asia. This only indicates the emergence of a new entrepreneurial class with capacity and competence to undertake new industrial ventures not only in India but also in overseas countries. In other words, the image of the country has been fast changing from that of a capital-importing country to a mature economy with capacity to assist others with our experience and technological competence supported by machines and equipment manufactured in the country.

Of late, many industrial houses have become interested in this new line of activity and are coming up in greater number with proposals to collaborate in joint industrial ventures abroad. Government on their part have been encouraging the initiative of Indian entrepreneurs in this

regard, subject of course, to the normal limitations of a developing economy. Thus, the Indian participation as far as possible should be limited to 49 per cent of the equity, and this equity should be contributed by way of export of indigenous machinery, equipment, tools, technical know-how, etc. This policy is designed to help co-developing countries to gradually build up their production strength. The policy has recently been liberalised and equity may now also be contributed by exporting structural, steel items and construction materials required for the project if necessary. No cash participation is allowed but a limited cash remittance may be permitted on the merits of each case towards preliminary expenses for the proposed project.

During the short span of 7-8 years, as many as 121 joint industrial ventures have been sanctioned by the Government of India to be set up in a score of countries. While these are mostly in the developing countries, it is a matter for satisfaction that some of the joint ventures have also been undertaken in the high developed countries of West Europe and North America.

These projects encompass a vast array of industries ranging from cotton and woolen textiles and food canning, to a variety of engineering goods including sewing machines, electric fans, diesel

engines, trucks, scooters, automotive parts, radio, air-conditioners and coolers, re-rolling mills, electric motors and transformers. Units are also being set up for items such as pharmaceuticals, paper and pulp, cork products, builders' hardware, steel furniture, safety glass, hose pipes and cement.

The countries where such projects have been or are being set up by India include Ethiopia, Ghana, Kenya, Libya, Mauritius, Nigeria, Togo, Uganda, Zambia, Afghanistan, Ceylon, Indonesia, Malaysia, Phillipines, Singapore, Thailand and Colombia. In the developed countries of West Europe and North America, projects with Indian collaboration have been set up in USA, Canada, UK, West Germany and Ireland. The fields in which such joint ventures have been initiated in the advanced countries include oil engines, hardboard, asbestos cement, nylon bristles, textiles and light engineering goods.

Indian investment abroad will come to Rs. 17.8 crores when all the sanctioned projects are completed. Out of the 121 approved projects, 27 have already gone into production and 61 are in various stages of implementation.

Recently we have adopted several measures to encourage Indian Joint ventures abroad. The Economic Division in the Ministry of External Affairs has been strengthened to collect

information on investment opportunities abroad for dissemination among Indian entrepreneurs. The Overseas Investment Cell in the Ministry of Foreign Trade is providing all assistance to the investors. Besides, the Commercial Sections in our various Missions help in obtaining information and verifying about the status of foreign collaborators with whom our industrialists intend to set up units. A Foreign Investment Guarantee Scheme for underwriting political risks is under examination of the Ministry of Finance. To avoid delay in the processing of proposals received from Indian industrialists, an Inter-Ministerial Committee has been functioning for about a year which examines such proposals and takes final decision expeditiously. To avoid unhealthy competition by our industrialists abroad, usually only one unit is allowed for the

manufacture of the same goods in one country. With a view to strengthening further the economic relations with other countries, Indian industrialists are also offering training facilities to foreign nationals in their factories in India. It is hoped that these and many other measures we have initiated, will help the Indian industrialists to establish more joint ventures abroad, to earn more foreign exchange to the country as well as to strengthen our friendly relationship with other countries and specially to assist other developing countries in their industrialisation programme.

The public sector consultancy services in India, viz., National Industrial Development Corporation, Ltd., Engineers India, Ltd., Project and Equipment Corporation, the Indian Consortium of Power Projects and the Organisation of the Development Commissioner for

Small Scale Industries and many organisations in the private sector are now fully equipped to offer the full range of consultancy services to developing countries for implementation of industrial schemes including general diagnostic and demand surveys, feasibility studies, techno-economic evaluation schemes, locational studies, preparation of detailed projects and full assistance even in setting up complete industrial plants. In fact a few turnkey projects have already been executed in various countries and some others are under execution.

While we have yet to cover tremendous amount of leeway in the field of industrial development it is a matter of satisfaction that India is now in a fortunate position to share many of her resources, technical know-how, consultancy services, machinery and equipment with other developing and developed countries. ☉

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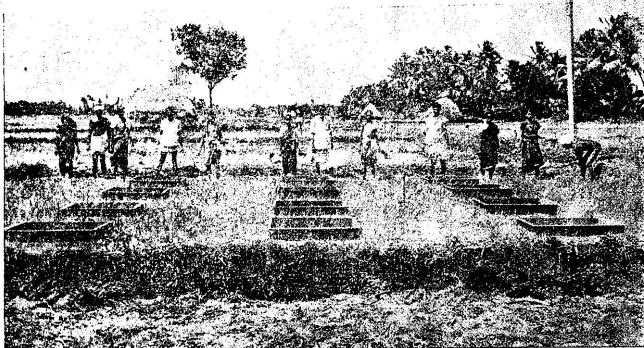
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WE MUST LEARN TO IRRIGATE MORE ACRES WITH LESS WATER

By
Professor
R. K. SIVAN-
APPAN and
K. M. NACH-
APPAN,
Agriculture
College,
Coimbatore.



The State Groundwater Directorate is seen conducting evaporation, evatranspiration investigation.

In the context of our increasing needs for water, estimated at double the present requirement in another 20 years, the sooner we learn to tackle the water problem and use it the way other advanced countries are doing it, notably the United States of America and Israel, the easier it will be for us to face the years to come.

For instance in the United States of America, they have planned to so maximise the irrigation efficiency as to keep the 1980 irrigation water needs at 1954 level itself, though the acreage will be stepped up from 29.5

million in 1954 to 36.5 million in 1980. That is over 30 per cent added acreage with little extra water. Also their planned acreage for 2000 A.D. is 55.5 million acres but the extra water needed will be only 2 per cent more than 1954 requirements. All these fantastic feats are results of accelerated programme of research, education and technical assistance to obtain widespread adoption of improved techniques of water management.

With water requirements doubling in 20 years, how are we in Tamil Nadu going to meet the situation 20 years hence? Our State water resources are not going to multiply. We will have more or less the same quantity of water as at present. We will

have therefore no other alternative than to necessarily adopt methods which have enabled other countries, not only United States of America, to multiply their cropped area without any corresponding large scale increase in their total water consumption.

Our own studies in Agricultural College and Research Institute, with small channels reveal the losses to be 14 per cent to 19 per cent. Hence by modernizing our big irrigation systems like Tanjore Delta Irrigation system, Lower Bhavani system, etc., we may be in a position to increase the ayacut by at least 20 per cent if not more. Ideal method would be to convey water under-ground to cut down water evaporation loss during conveyance especially

in tropical regions like ours. This system is followed in one project in United States of America called Coachala Valley Irrigation District. Of course this would be very costly. A time may, however, be reached when water would become costly enough to warrant such mode of conveyance.

Sale by volume

Next comes distribution and diversion arrangements. When the time comes for us to sell water on volume basis for irrigation needs, as is practised in United States of America, efficient and effective gates, diversion boxes and outlets are essential to cut the losses due to any leakage through them. Imperfectly and improperly designed and constructed boxes will render the control on water ineffective. Another important loss is loss in transpiration by non-beneficial plants that grow along canals and streams and around the edge of the reservoirs. The uneconomical and useless plants can be destroyed along the canal banks.

Another equally large channel of loss is the ineffective and defective systems of water distribution or water delivery system. There are four systems of delivery, namely (i) continuous flow delivery, (ii) rotation delivery, (iii) free demand system and (iv) controlled demand modified rotation. Continuous flow system is in vogue in our country. It can be adopted when we have water in plenty. In this system a farmer draws any quantity of water, having no regard to the water requirements of crops. It therefore results not only in poor irrigation efficiency but also in attendant water logging problems affecting the crop yields. Rotation delivery system is a slight improvement over the first one in that water is delivered to blocks of ayacut in a time staggered fashion, usually followed in times of water shortage as is practised in most of our irrigation projects including Tanjore Delta. Even so there is no regulation as far as individual farmer's drawal is concerned, since he continues

to draw as in continuous flow system irrespective of the needs of his crop. Hence the per acre excess drawal may be the same as in the continuous flow delivery.

Water indent

The Third system of water delivery, namely, the free demand system is the one practised in United States of America. In this system, the farmer takes every thing into account like water requirement of his crops, rainfall, etc., and makes advance indent on the local irrigation authorities for delivery as scheduled by him. The needed quantity is turned on to the farmer's field. Not only that, the irrigation authorities check the indent with reference to the crop growth stage, rainfall on the particular day and the water requirements and if the indent is in excess of the net requirement, penal rate is collected for the excess quantity drawn. This is therefore the best system and it ensures all round regulation and check. But it requires lots of communication facilities and

The State Groundwater Directorate conducting evaporation experiment (L) and Soil Test (R).





The Infiltration Test.

modernised channels of supply, which we are yet to make for ourselves. Until we have made these facilities, it will not be possible for us to adopt this system. All the same, we have got to make a beginning. Hence this may be tried in a few selected pockets within our irrigation system for study and extension to other areas. The last, namely, the controlled demand or modified rotation system is a combination of free demand and rotation system that may be practised in times of insufficient storage of water.

Water users must co-operate

The last but not the least is the co-operation among water users. Though this is not a part of the mechanics of the system of water delivery and its regulation, it is yet an essential factor influencing

the efficiency of irrigation so much so that this can even achieve what the other components of the mechanics of water management may not be able to achieve.

We shall now discuss the other great loss, namely, application loss. Studies in United States of America reveal that this loss can be 42.6 per cent and even more. This loss is on account of (1) evaporation, (2) excess surface run off and (3) deep percolation.

Recent studies show that in several localities about half the water stored in the root zone is lost by evaporation before being used by plants. This means that even at 100 per cent irrigation efficiency as much as 50 per cent of applied water may become unavailable to crop production. This is more pronounced in the case of shallow rooted crops. Experiments in United States of America, with plastic and other mulches have given promising results in cutting down this loss. However continued research is being done to effect no loss on this account.

Next cause of loss is improper methods of irrigation. There are different methods of irrigation, namely (1) flooding, (2) furrow, (3) corrugation, (4) border strips, (5) check basins, (6) sprinkler, (7) automatic and (8) push button type. None of this methods can be employed without having regard to the crops grown, the soil type, its water holding capacity, its infiltration rate, root depth, source of irrigation water, etc. Blindly following any one method in disregard of the factors

mentioned, will always result in loss of irrigation water.

Sprinkler System

Sprinkler system is at the moment the most economical method ensuring a very high on the farm efficiency, at as much as 80 per cent and more. It simulates rainfall. It therefore carries all the beneficial effects that we attribute to rainfall, on the growth of crops. It permits of maximum control. It causes no deep percolation, nor any excessive surface run off. It needs no levelling of land nor any systems of channels of the farm that the other systems require. It stimulates crop growth. In short it is by far the best method. This system is quite common in advanced countries. We are yet to make any headway, the sooner we do it is better.

The next channel of loss of irrigation water during its application is the lack of or imperfect timing of irrigation. That is knowing when to irrigate. This is an important factor. If we do not fix the time of every irrigation we give to the crops, we will be wasting irrigation water. To determine this we must need to know the water holding capacity of soil. Its permanent wetting point, daily consumptive use of particular crop, available moisture at every foot depth of the soil, the root depth of the crop and rainfall between successive irrigation. There are instruments and equipments and methods to determine these data. We can then fix at what per cent of F.C. or at what soil moisture level we need to irrigate the crops. This timing is

essential for the soil to store maximum irrigation water.

If we do not determine this timing (which is the case of ours) and apply irrigation water, either before or after the appropriate soil moisture status, we will be losing the water, for if before, part of the applied water is likely to go down as deep percolation or excessive surface run-off; if after likely the soil moisture status has already reached the vicinity of wilting point resulting in a set back in crop growth, thereby reducing the full benefit of timely irrigation. And to that extent the irrigation has been wasted.

Determine Soil Moisture.

Somewhat closely related to the timing of irrigation is the volumetric regulation of water on the farm. Having fixed when to irrigate, we must fix how much to irrigate. Factors like moisture deficit for every foot depth at the time of irrigation, bulk density, field capacity of the soil up to the root depth is known, we can fix the volume of irrigation water needed. All we need to do is to let the water on to the crops at the regulated rate so that within the decided time entered the soil will receive sufficient water to raise its soil moisture status back to field capacity. Here the device of regulation of flow is very important. If it is faulty or defective, it may allow excess rate of flow. Excess means over irrigation resulting in surface run-off and deep percolation. Under means unsatisfied soil moisture status involving frequent irrigation and attendant increased loss due to evaporation and incidentally more labour. Hence perfect devices to regulate water on the farm is an essential component to effect maximum saving of water.

HOW TO RAISE CROPS IN SALINE SOILS.

SALINE SOILS lead to partial or complete failure of seed germination, poor crop stand and stunted plant growth resulting in low or no harvests.

Recent trials carried out at the Indian Agricultural Research Institute indicate that it is possible to grow salt sensitive crops such as maize, sorghum, cow-peas tomato, potato, cotton, mustard, cabbage, cauliflower, radish, carrots, etc. by a simple and inexpensive method known as the alternate-ditch-irrigation on saline soils. This technique consists of preparation of ridged seedbeds on saline soils, irrigation of alternate ditches the sides of which are sown with crops, thus leaving every other ditch unirrigated and unsown. This system of irrigation flanks the salt to the sides of the unirrigated ditch thus desalinising the irrigated slopes

and rendering them safe for seed germination and establishment of transplants.

Alternate-ditch-irrigation of ridged seedbeds cuts water cost by about 50 per cent as only half the area is irrigated. It operates irrespective of the ridge direction and above all ensures good germination stand, growth and yield of crops.

A ridge size of 22.5 to 30 cm. in height and ridges spaced 60 cm. apart suit field and vegetable crops very well. The unirrigated ditches can be made a little narrower and slightly deeper than the irrigated ditches so as to put more area under the crops and enhance the efficiency of unirrigated ditches as surface drains in monsoon. The ridges can be made with an inversion plough or a suitable ridger drawn by bullocks.



Vertical Section of a ridged seedbed with seed sown or seedlings transplanted on sides of alternate ditches.



Alternate ditches in a ridged seedbed are irrigated with the intervening ditches left unirrigated.



Water percolates downwards as well as it moves sideways. Side movement of water transports salt from the seeded sides of irrigated ditches to the unseeded sides of unirrigated ditches.

CONTRACT PURCHASE NOTIFICATION

Sealed tenders are invited for purchasing waste paper accumulations in the Government Offices in Dharmapuri District for the period from 1-4-1971 to 31-3-1972, subject to the conditions which will be imposed in the tender notice to be published in the Extraordinary issue of Dharmapuri District Gazette in August 1971. The tenders should reach the Collector's Office before 3 p.m. on 31-8-1971 and the tenders received after this date and time will be rejected summarily. The tenders will be opened at 4 p.m. on 31-8-1971. The Collector reserves the right to reject any tenders without assigning any reasons therefor.

Applicants who require further information may go over to the Collector's Office, Dharmapuri on any working day during office hours and get the particulars required by them in this connection.

R. PADMANABHAN,
Collector, Dharmapuri.

NOTIFICATION FOR ELECTRICAL CONTRACTORS.

Applications are invited by the Director of Stationery and Printing, Madras-1 from the licensed Mechanical and Electrical dealers and repairers to register themselves with the Director of Stationery and Printing, Madras for the entrustment of the following Mechanical and Electrical works :—

I. Mechanical—

Arc and gas welding of different alloys, gear pinion wheel and rack manufacturing of press units and minor repair works.

II. Electrical—

Winding (re-winding) of AC & DC motors impression magnetic and break magnetic coils, starter coils, etc. General works in repairing of printing, binding and composing machines and other allied equipments will be entrusted to the companies for execution.

The applications of the firms should reach the office of Director of Stationery and Printing on or before 31st August 1971.

Director of Stationery and Printing.

EXAMINATIONS.

TAMIL NADU BOILER ATTENDANT EXAMINATION.

Applications are invited from candidates for admission to the Boiler Attendant Examination proposed to be held at Madras during the month of September 1971. The exact date and place of examination will be communicated in due course to the candidates selected for admission to the examination.

Prescribed application form with particulars can be had from this office on requisition duly enclosing a self addressed envelope (size $9 \times 4\frac{1}{2}$ ") bearing 35 Paise stamp. Completed applications should reach this office on or before 15th September 1971. Applications received later than the date fixed or otherwise than in the manner prescribed will be rejected summarily. Only candidates possessing required practical experience in the working of boilers need apply.

N. B. Rama Reddy,

Chief Inspector of Steam Boilers and
Chairman, Board of Examiners for the Tamil
Nadu Boiler Attendant Examination,
Jammi Buildings, Mylapore, Madras-4.

AUCTIONS

GOVERNMENT OF TAMIL NADU.

AGRICULTURE DEPARTMENT.

One Ford Jeep (MDU 2512) 1945 Model will be disposed off in Public auction on 25th August 1971 at 11 a.m. at the premises of the District Agricultural Officer, Ellis Nagar, Madurai-10.

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

The Agriculture Department reserves full right to postpone or cancel the auction in the interest of Government.

Further details of terms and conditions of auction may be had from the District Agricultural Officer, Madurai-10.

Director of Agriculture.

GOVERNMENT OF TAMIL NADU.
PUBLIC WORKS DEPARTMENT.

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 on his office for the following works up to 3-00 p.m. on 26th August 1971.

Name of work—

Construction of a retaining wall on the L.B. of Vellayar at the infall in Bay of Bengal M. 99-4-260 near Velanganni Church Buildings.

Form of Contract K-2
E.M.D. Rs. 6,000

Cost of tender schedule to be remitted in the Treasury under the head P.W.D. III. Other remittances to the credit of the Executive Engineer, P.W.D., Vennar Division, Thanjavur Rs. 25

Sales Tax (to be remitted into Treasury under the head XII. Sales Tax (U) receipts under State Sales Tax Act—General Sales Tax Re. 0.88

Date from which the tender documents will be available for sale ... 7th August 1971.

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

TENDER NOTICE

Sealed tenders superscribed "tender for the purchase and removal of waste paper from the Government Regional Press at Vridachalam for the year 1971-72" will be received by the Director of Stationery and Printing, Madras-1 on or before 25th August 1971. Tenders should be sent in sealed covers by registered post with acknowledgment due, addressed to the Director of Stationery and Printing, Mint Buildings, Madras-1, by name and not by any other means. For further particulars please refer to the *Tamil Nadu Government Gazette*, dated 4th August 1971.

G. RANGA RAO,
Director, Stationery & Printing.

TAMIL NADU WATER SUPPLY AND DRAINAGE BOARD.

CHIT TENDER NOTICE.

Kallakurichi Water Supply Scheme—IV Stage—Part II—(final) Headworks—Construction of manhole well and Filter Basin.

For and on behalf of 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, Tamil Nadu Water Supply and Drainage Board, Madras-8 at his office at 52, Gengu Reddy Road, Egmore, Madras-8, for the above work up to 3 p.m. on 30th August 1971 from the registered contractors of appropriate class of this departmental 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, Madras in the presence of Tenderers who choose to be present at the time of opening.

1. Name of contract .. Lumpsum form.
2. Earnest money deposit. Rs. 1,880 (Rs. One thousand eighty hundred and eighty 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).
3. Cost of Tender Document. Rs. 10.35 (Rs. Ten and paise thirty-five only)*

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

4. Tender documents On application to the to be had from. Executive Engineer, Public Health Engineering Circle, 28, Rajaji Street, Srinivasapuram, Thanjavur.
(with the cost of tender documents sent by cash or money order).
5. Period of completion. Nine months.

(Sd.) _____,
Superintending Engineer,
Public Health Engineering Circle,
T.W.A.D. Board, Madras-8.

TENDERS

PURCHASE TENDERS GOVERNMENT OF TAMIL NADU

PUBLIC WORKS DEPARTMENT.
MADRAS—CHINGLEPUT CIRCLE.

CHIT TENDER NOTICE

**Construction of additional buildings for accommo-
dating 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 or 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.**

Sealed quotations are invited for supply of the items mentioned below. The quotations should be sent separately in respect of each item to reach the Director of Harijan Welfare on or before 26th August 1971. Delivery of the materials should be at the office of the District Welfare Officer at the respective district head quarters F.O.R. Quotations should also include information regarding servicing facilities offered by the tenderer. Covers should be clearly superscribed with the description of the item for which the quotation is offered. The Director of Harijan Welfare will be the final authority to accept or reject any quotation without assigning reasons.

The District Welfare Officers will make payment as per the agreed rate on satisfaction of the terms of agreement. Specifications for the items can be had from the Director of Harijan Welfare, Ezhilagam, Madras, before 21st August 1971 between 11-00 a.m. and 3-00 p.m. on working days. Specimen tools and machinery to be supplied should be brought at the cost of the tenderer to the office of Director of Harijan Welfare, Madras-5 for inspection on a date that will be intimated in advance. The materials supplied at District Offices should be of the same quality that is selected on inspection at Madras. Otherwise they will be liable to be summarily rejected at the District Headquarters by competent technical authority.

The number of items to be supplied will be intimated to the successful tenderer who will have to execute an agreement on stamped paper for the supply and will also have to deposit 10 per cent of the total value of the contract as security for the prompt and proper supply of the articles in terms of the agreement.

Items for supply.

1. Blacksmithy tools.
2. Carpentry tools.
3. Sewing machines (leg operated) (tailoring) with stand and cover with accessories.
4. Leather stitching machines (leg operated) with tools.
5. Iron boxes (for laundries).
6. Barber's kit.
7. Logging tools (for felling trees).

Director of Harijan Welfare.

OFFICE OF THE SUPERINTENDING
ENGINEER, P.W.D., RAMANATHAPURAM
CIRCLE, MADURAI.

CHIT TENDER NOTICE

(ROC. 8991/71-4/D3, dated 21st July 1971.)

For and on behalf of the Government of Tamil Nadu, sealed tenders will be received from the Registered Contractors in P.W.D. or other Government Departments by the Superintending Engineer, Public Works Department, Ramanathapuram Circle, Madurai-1, for the work mentioned below up to 4-00 p.m. on 16th September 1971. The tenders will be opened by the Superintending Engineer, Public Works Department, Ramanathapuram Circle, Madurai-1 in the presence of those who choose to be present at 4-30 p.m. on the same day.

Name of work: Construction of a separate building to house the District Munsif's Court, the Sub-Court and Sub-Magistrate Court at Sivaganga in Ramanathapuram district.

Form of contract Lumpsum.

Earnest Money Deposit Rs. 11,200 (Rupees eleven thousand and two hundred only).

Period of completion 12 months.

Cost of tender documents with plans Rs. 20 plus sales tax $3\frac{1}{2}$ per cent.

2. The tender documents will be available for sale at the office of the Superintending Engineer, Public Works Department, Ramanathapuram Circle, Madurai-1 during office hours from 7th September 1971 onwards. The last date for receipt of application for the tender schedules is 14th September 1971

NOTIFICATION.

SEALED tenders are invited for the period from 1st September to 31st December 1971 for the requirements of Drugs for the use of the Government Medical institutions in Salem district. The last date fixed for the receipt of tenders is 5-00 p.m. on 6th September 1971. Those who are willing to supply the drugs may obtain the tender forms, conditions, etc., from the Superintending

Government Headquarters Hospital, Salem on payment of Rs. 5-15 (Rupees five and paise fifteen only) (inclusive of sales tax) remitted under "XXIII Medical—I. Director of Health Services and Family Planning J. Miscellaneous" in a single chalan and produced with a requisition. In the chalan the cost of tender form Rs. 5 and the Sales tax 0-15 paise should be shown separately. Further particulars if any required may

and the application received after the date will not be generally considered.

The cost of tender document (which will under no circumstances be refunded) should be remitted into the Treasury or Reserve Bank of India under the head "P.W.D. III Other Remittance" to the credit of the Executive Engineer, Public Works Department, Sivaganga Division, Sivaganga. The Sales Tax should be remitted in a separate chalan under the head "XII. Sales Tax-6. Receipt under State Sales Tax Act—General Sales Tax". The tender documents will be issued only after producing the chalans.

4. The tenders should be submitted only in the prescribed form supplied by the department and should be enclosed in a sealed cover marked 'Tender with the name of work, chalan number and date amount and the full address of the tenderers, etc.

5. Earnest Money Deposit will be accepted in the shape of chalans and any other authorised mode of payment after due observation of formalities.

6. The successful tenderer will be required to make a further security deposit of Rs. 11,200 (Rupees eleven thousand and two hundred only) or as may be prescribed by the Superintending Engineer at the time of acceptance of tenders and enter into an agreement for the satisfactory execution of work, as per stipulations in the tender notice.

7. The Superintending Engineer, Public Works Department, Ramanathapuram Circle, Madurai-1 reserves to himself the right to reject any or all the tenders.

R. Ramaswamy,

Superintending Engineer, Public Works,
Department.

be obtained from the Superintending, Government Headquarters Hospital, Salem. "The tenderer should not enter into any correspondence concerning the tender once the tender has been submitted by him."

V. SELVARAJ,

District Medical Officer, Salem
and Superintendent, Government
Headquarters Hospital,
Salem.

GOVERNMENT OF TAMIL
NADU.

DEPARTMENT OF EMPLOY-
MENT AND TRAINING,
MADRAS-5.

NOTIFICATION.

Apprenticeship Training under the
Apprentices Act.

Under the Apprentices Act, 1961 one hundred and ninety-five industries, e.g., Engineering, Chemicals, Textiles, Printing, Catering, etc., have been brought under its purview and fifty-six trades have so far been designated for the purpose of apprenticeship training. The establishments having facilities to implement the Apprenticeship Training Programme have to recruit and train the number of apprentices assigned by the State Apprenticeship Adviser under section 8 (3) of the Apprentices Act. The period of apprenticeship training in most of the trades is 3 years. During the period of apprenticeship training, they will be paid stipend not below the minimum specified in the apprenticeship rules. Persons who have passed National Trade Certificate Examination from Industrial Training Institute will be given credit for the period of training undergone in the Industrial Training Institutes, towards apprenticeship training to the extent admissible. The minimum educational qualification prescribed for most of the trades is study up to standard below matriculation examination or its equivalent examination and the minimum age is 14 years but

there is no upper age-limit. Freshers should also satisfy the physical standards as laid down in the apprenticeship rules.

The next admission session is August/September 1971. The Ex- I.T.I. trainees with National Trade Certificates qualification and others who possess the requisite qualifications are hereby advised to contact the District Employment Officer or the Principal of the I.T.I. as the case may be so that they may sponsor them for apprenticeship training to the establishments where vacancies exist or in which vacancies may arise.

Director of Employment and
Training and State Appren-
ticeship Adviser, Madras.

GOVERNMENT OF TAMIL
NADU.

PUBLIC WORKS DEPART-
MENT.

CHIT TENDER NOTICE.

Name of work—Construction of a
Gymnasium in Madras Medical
College, Madras.

For and on behalf of the Governor of Tamil Nadu, sealed tenders for the above work will be received by the Superintending Engineer, Madras-Chingleput Circle, Madras at his office at Chepauk, Madras-5 up to 3-00 p.m. on 24th August 1971. The tender will be opened by the Superintending Engineer, Madras-Chingleput Circle, Madras-5 in the presence of those tenderers who choose to be present at 3-15 p.m. on the same day.

Form of Agreement—Lumpsum.

Earnest money deposit—
Rs. 3,600.

Period of completion—3
months.

Cost of tender documents—
Rs. 20 (rupees twenty only) to be remitted into the Treasury or Reserve Bank of India under the head "Public Works Remittances—III". Other remittances to the credit of the Executive Engineer, Buildings Division II, Chepauk, Madras-5.

Sale of tender—Re. 0-60 (Rupees nil and paise sixty only) to be remitted under the same chalan into the Treasury or Reserve Bank of India, Madras under the head of "XII. Sales Tax B. receipt under State Sales Tax Act, General Sales Tax".

Sale of tender documents—
from 17th August 1971 to 23rd
August 1971.

Date of tender—24th August
1971.

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

For *Superintending Engineer,*
Madras-Chingleput Circle.

VACANCY NOTIFICATION.

MADURAI MEDICAL COLLEGE, MADURAI.

Applications with true copies of testimonials attested by a gazetted officer for appointment to the post of Non-Medical Assistant in Hygiene in the Department of Social and Preventive Medicine, Madurai Medical College, Madurai will be received up to 5-00 p.m. on 25th August 1971 by the Dean, Madurai Medical College, Madurai.

Qualification.—(a) B.Sc. (Hon.) Degree in the I or II Class with Zoology Main, Parasitology as special subject and Botany subsidiary.

or

(b) A degree of M.Sc. in Zoology (with Parasitology as optional subject).

Age.—Below 27 years (i.e., should not have completed 27 years) as on 1st July 1971. The age-limit is relaxable by five years in the case of Scheduled Caste and Scheduled Tribes.

Scale of pay of the post—Rs. 400—15—475—20—575—25—650.

Dr. S. A. Kabir, M.B.B.S., D.A.
(Lond.), F.A.R.C.S. (Eng.),
Dean.

COLLEGIATE EDUCATION DEPARTMENT.

Temporary Appointment to posts of Assistant Professors/Tutors/Demonstrators and Graduate Librarians in Government Arts Colleges.

Applications are invited for temporary appointments to posts of Assistant Professors, Tutors and Demonstrators in the Tamil Nadu Educational Subordinate Service in the following *subjects* and Graduate Librarians in the Tamil Nadu General Subordinate Service.

Physics (for Women Colleges).	Politics.
History.	Geography.
Commerce.	Librarians.

For the posts of Assistant Professors/Demonstrators in PHYSICS, FEMALE CANDIDATES alone need apply. The candidates for these appointments will be selected by a special committee constituted. The last date for the receipt of applications in the Office of the Director of Collegiate Education, Madras-6 is 25th August 1971.

Candidates are requested to furnish in their application correct information regarding their name, age, qualifications with Grade, experience, address and subject and nature of posts applied for. Copies of certificates only should be enclosed.

Director of Collegiate Education.

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, upto 3-00 p.m. on 27th August 1971 and they will be opened on the same day at 3-30 p.m.

Name of work: Ramnad Water Supply Scheme—IV Stage—Supply, delivery and erecting of pumps and accessories—Regarding.

Form of contract: Lump-sum.

Earnest Money Deposit: Rs. 2,500 (Rupees two thousand and five hundred 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, Aruppukottai.

Period of completion of work: Six months.

Cost of tender documents Rs. 15.45 (Rupees fifteen and forty-five paise only) (including Sales Tax).

Tender documents can be obtained from the Executive Engineer, Public Health Engineering Division, 18-8-1, Municipal T.B. Road, Aruppukottai (upto 5-00 p.m. on 24th August 1971).

K. GOVINDA MENON,
Superintending Engineer,
Public Health Engineering.

AUCTIONS

One lorry MSY 1438 (petrol driven), empty gunny bags, oil soaked gunny pieces, tins, iron scraps, zinc cuttings, etc., will be sold in public auction at the Government Press, Mint Buildings, Madras-1 at 11-30 a.m. on 9th September 1971.

For further particulars and copies of auction notice, please contact "the Director of Stationery and Printing, Government Press, Mint Buildings, Madras-1".

G. Ranga Rao,
Director of Stationery and Printing.

GOVERNMENT OF TAMIL NADU.

DEPARTMENT OF INDUSTRIES AND
COMMERCE.

TENDER NOTICE.

No. 2468-B C 3-69

Sealed quotations furnishing rates for converting broken bricks available at the Government Mechanized Brick Plant at Thirumazhisai, Madras-56 into Jelly are invited by the undersigned up to 3-00 p.m. on 31st August 1971. The tender documents can be obtained from the Office of the Director of Industries and Commerce, Chepauk, Madras-5 on any working day on production of original chalans for Rs. 2 towards the cost of tender documents and Rs. 0.06 towards Sales Tax. The cost of tender documents, etc., should be remitted into the Reserve Bank of India Government Treasury under the following Head of Accounts :—

Rs. 2.00	“ XXIX. Industries—(a) Industries—II. Mechanised Brick Plant ”.
Rs. 0.06	“ XII. S.T.—M.G.S.T ”.

Director of Industries and Commerce,
Chepauk, Madras-5.

TENDER NOTICE No. 30

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

PUBLIC WORKS DEPARTMENT

Sealed tenders are invited by the undersigned up to 1 p.m. on 28th August 1971 for the supply and erection of Pumpsets and Pressure filters.

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

S. SATCHIDANANDAM,
General Superintendent,
Public Works Workshops and
Stores.

GOVERNMENT OF TAMIL NADU. PUBLIC WORKS DEPARTMENT.

CHIT TENDER NOTICE.

Rc. 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 ... Lumpsum.

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.

TAMIL NADU WATER SUPPLY AND
DRAINAGE BOARD.

CHIT TENDER NOTICE.

Daily Market Building at Pattukottai—Construction of condiment, fish, mutton stalls market office, godown, stalls at main entrance.

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, Tamil Nadu Water Supply and Drainage Board, at his office at No. 52, Gengu Reddy Road, Madras-8 for the above work up to 3 p.m. on 3rd September 1971 from the registered contractors of appropriate class of this departmental 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, Tamil Nadu Water Supply and Drainage Board, Madras, in the presence of tenderers who choose to be present at the time of opening.

1. Form of contract ... Lumpsum. Rs. 6,040
2. Earnest Money Deposit. (Rupees six thousand and forty 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).

3. Cost of tender documents. *Rs. 20-70 (Rupees Twenty and paise seventy only)

* The cost towards tender documents to be remitted to the credit of the Executive Engineer, Public Health Engineering Division, T.W.A.D. Board, Thanjavur—P.W. III. O.R. and for sales tax XII—Sales—Misc. I—General Sales Tax in separate chalans.

4. Tender documents to be had from. On application to the Executive Engineer, Public Health Engineering Division, Tamil Nadu Water Supply and Drainage Board, 28, Rajaji Street, Sriniwasapuram, Thanjavur (with the cost of tender documents sent by cash or by money order).

5. Period of completion. One year.
6. Intending tenderers should have atleast three years experience in the construction of building works.

Superintending Engineer,
Public Health Engineering Circle,
T.W.A.D. Board, Madras-8.

GOVERNMENT OF TAMIL NADU

HIGHWAYS AND RURAL WORKS
DEPARTMENT.

Tirunelveli Circle.

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), Tirunelveli Circle at his office at No. 18, Tiruchendur Road, Palayamkottai up to 3-00 p.m. (as per his office clock) on 3rd September 1971. Friday for, the following works as noted below. The tenders will be opened by 3-15 p.m. on the same day.

<i>Name of work.</i>	<i>E.M.D</i>
	<i>RS.</i>
Constructing a bridge at K.M. 14.8 of Tondi, Sundarapardianpattinam Road.	9,400
Constructing a bridge at K.M. 3.2 of Tondi, Sundarapandianpattinam Road.	9,095

Particulars of tender conditions, the prescribed forms schedules and other documents can be had from the office of the Divisional Engineer (Highways and Rural Works) Sivaganga on requisition in writing and on payment of Rs. 20 for each set (excluding sales tax not refundable) on all working days during office hours from 19th August 1971 to 1st September 1971 (both days inclusive).

The Earnest Money Deposit as noted against each work shall be remitted in any one of the Government Treasuries within the jurisdiction of the Divisional Engineer in the name of the Divisional Engineer (Highways and Rural Works), Sivaganga under "Revenue Deposit" and receipted chalan enclosed along with the tender.

P. S. SADASIVASWAMY,
Superintending Engineer (Highways
and Rural Works), Tirunelveli
Circle.

CHIT TENDER NOTICE

CHIT TENDER NOTICE

**Chidambaram Water Supply Immediate
Improvements Scheme—Supply and erection
of centrifugal pumpsets 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, Public Health Engineering, Tamil Nadu Water Supply and Drainage Board, Madras Circle at his office at 52, Gengu Reddy Road, Madras-8 for the above work upto 3-00 p.m. on 27th August 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—Lumpsum.

Earnest Money Deposit—Rs. 1,200 (Rupees one thousand two hundred 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 (in duplicate)—Rs. 20.74 (Rupees twenty and paise seventy-four only including Sales Tax).

Period of completion—8 months.

Tender documents can be had from Executive Engineer (Public Health Engineering, Tamil Nadu Water-Supply and Drainage Board, 28, Rajaji Road, Srinivasapuram, Thanjavur by remitting cash or by sending money order.

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

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 26th August 1971 (Thursday) for the works noted below and opened at 3-35 p.m. on the same date.

Name of work.

E.M.D.

**Constructing a bridge in place of
existing causeway at M. 225-
23 of N.H. 46 (Madras-Trichy
-Dindigul Road) Rs. 10,900**

1. Particulars of tender conditions, prescribed forms schedules, plans, etc., can be obtained from the Office of the Divisional Engineer (Highways and Rural Works), Pudukkottai 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 **12th August 1971 to 25th August 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), 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. 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.

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

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COLLEGE OF ENGINEERING, GUINDY, MADRAS-25**

*Director of Technical Education
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 Superintending Engineer (Highways and Rural Works), Tiruchirappalli, at his Office at Subramaniapuram, Pudukottai Road, Tiruchirappalli, upto 3-30 p.m. on 26th August 1971 (Thursday) for the works noted below and opened at 3-35 p.m. on the same date.

<i>Name of work.</i>	<i>E.M.D.</i> RS.	<i>Availability of tender schedule.</i>
1. Construction of overbridge at M. 07 of Kumbakonam-Needamangalam Road within Kumbakonam Municipal limits.	31,000	Divisional Engineer (H. & R.W.), Thanjavur.
2. Constructing a bridge at K.M. 58/2 (M. 36/3) of Muthupet-Mimisal Road.	7,350	Do.
3. Constructing a bridge at K.M. 65/8 (M. 41/1) of Muthupet-Mimisal Road.	5,500	Do.
4. Construction of a causeway across Nariyar at M. 0/8 of Palathalai village road in Pattukkottai Panchayat Union.	3,000	Do.

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 11th to 25th August 1971. Alternative designs will not be entertained.

The earnest money deposits noted above shall be remitted in any of the Government Treasuries within the jurisdiction of the Divisional Engineer (Highways and Rural Works), Thanjavur, under "Revenue Deposit" and the receipt 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 tender.

Tenders without earnest money deposit will be summarily rejected.

A. Devapriam,
Superintending Engineer (H. & R. W.).

TENDER NOTIFICATION.

TENDER for the supply of drugs and medicines for the period from 1st September to 31st December 1971 is invited up to 3 p.m. on 21st August 1971 from local reputable firms superscribing "TENDER for the supply of medicines due on 21st August 1971" in the prescribed form which can be had upto 20th August 1971 from the office of the undersigned on any working day during the working hours on production of a Reserve Bank of India or State Bank of India Chalan for Rs. 3 remitted under heading "XXIII. Medical-J. Miscellaneous—Other Receipts" towards the cost of Tender form. A separate chalan for 11 paise may also be remitted under the heading "XII. Sales Tax—Receipts under States Sales Tax Act M.G.S.T. for sale of Tender forms".

The fee once paid under the above headings will not be refunded to the tenderers under any circumstances.

**Dr. (Tmt.) M. SARADA
MENON, M.D., D.P.M. ;**
Superintendent,
Government Mental Hospital,
Madras-10.

GOVERNMENT OF TAMIL NADU.

**DIRECTORATE OF TECHNICAL EDUCATION
(CONSTRUCTION WING), GUINDY, MADRAS-25.**

BID TENDER NOTICES.

Name of work—

Item No. 1.—Construction of a R.C.C. Overhead reservoir of 30,000 gallons capacity in the Madurai University.

Item No. 2.—Construction of Faculty Building for Mathematics Department in the Madurai University campus at Madurai-Theni Road, Madurai.

Item No. 3.—Construction of Post Office in the Madurai University campus at Madurai-Theni Road, 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 registered for taking up works in the Technical Education Divisions, for the aboveworks up to 3-00 p.m. on 23rd August 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.

Item No. 1. Item No. 2. Item No. 3.

	L.S.	L.S.	L.S.
	RS.	RS.	RS.
1 Form of Agreement ...			
2 Earnest Money Deposit.	1,875	4,000	1,375
3 Cost of tender documents with plans.	20.00 plus Sales Tax at 3 per cent.	20.00 plus Sales Tax at 3 per cent.	20.00 plus Sales Tax at 3 per cent.
4 Period of completion ...	6 months.	8 months.	6 months.
5 Date from which tender documents will be available in the above office during office hours.	From 12th August 1971.		to 21st
6 Class of registration eligible to tender.	Class III and above.	Class III and above.	Class III and above.

**GOVERNMENT OF TAMIL NADU
DIRECTORATE OF GROUND WATER**

Name of work—Supply of equipments to the Directorate of Ground Water.

For and on behalf of the Governor of Tamil Nadu SEALED TENDERS will be received by the Director of Ground Water, 82, Royapettah High Road, Madras-4, up to 3-00 p.m. on 30th September 1971 for the following works.

The tenders will be opened by the Director of Ground Water in the above office at 4-00 p.m. on the same day in the presence of those tenderers who choose to be present on that date.

<i>Serial number and sub-works.</i>	<i>E.M.D.</i>	<i>Cost of tender documents.</i>
	RS.	
1 Supply of Special tools for percussion rigs.	9,000	Rs. 10 S.T. 40 p
2 (i) Supply of Rotary Rig special tools (bits and hole openers).	12,000	Rs. 10 S.T. 40 p.
(ii) Supply of Rotary Rig special tools (mud pump and pipe cutting Machine).	3,000	Rs. 10 S.T. 40 p.
(iii) Supply of Rotary Rig special tools (Down the hole hammers and bits).	15,000	Rs. 10 S.T. 40 p.
3 Supply of casing pipes and accessories.	10,000	Rs. 10 S.T. 40 p.
4 Supply of hydraulic jack pump and jacks.	6,000	Rs. 10 S.T. 40 p.
5 Supply of Geophysical equipments...	21,400	Rs. 10 S.T. 40 p.
6 Supply of Geochemical equipments.	3,200	Rs. 10 S.T. 40 p.
7 Supply of photogeological equipments.	2,000	Rs. 10 S.T. 40 p.
8 Supply of Hydrological equipments.	6,000	Rs. 10 S.T. 40 p.

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, Madurai. The Sales Tax should be remitted under a separate chalan to the treasury or Reserve Bank of India under the Head "XII. Sales Tax—(b) Receipts under State Sales Tax Act—General Sales Tax". The tender documents will be issued only after producing the chalans. Tender documents will not be issued to contractors who are not registered for works in the appropriate classes in the Construction Wing of the Directorate of Technical Education, Madras.

Earnest money deposit will be accepted in the shape of chalans and deposit-at-call receipts of scheduled banks. Government Promissory Notes, State Electricity Board Bonds and National Savings Certificates will also be accepted towards Earnest Money Deposit at 5 per cent below the market value or at the face value whichever is less. Bank Guarantee from any of Nationalised Banks alone will also be accepted towards Earnest Money Deposit. No other mode of payment will be accepted.

Intending tenderers should have at least three years experience in the construction of major building works in the appropriate classes. The Director of Technical Education, Madras-25 reserves the right to reject any or all the tenders without assigning any reasons therefor.

DIRECTOR OF TECHNICAL EDUCATION, MADRAS.

K. SREEKUMARA MENON,
I.P.S.
*Assistant Inspector-General of
Police II.*

9 Supply of Hydrometeorological equipments.	2,000	Rs. 10 S.T. 40 P.
10 Supply of Hydrogeological equipments.	15,200	Rs. 10 S.T. 40 P.
11 Supply of Drawing equipments and cameras.	400	Rs. 10 S.T. 40 P.

Form of Agreement Form 9 of Madras Financial Code, Volume. I.
Period of completion 3 months.

Date from which Tender documents will be available in the above office during office hours. 1st August to 25th 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 "Public Works Remittances. III. Other Remittances" to the Credit of the Executive Engineer, Ground Water Division, Madras-17. The Sales Tax should be remitted under the same chalan in to the Treasury or Reserve Bank of India under the Head "XII. Sales Tax—(b) Receipts under State Sales Tax Act, General Sales Tax". The tender documents will be issued only after producing the chalans.

S. PANCHANATHAM,
Director, Ground Water.

TENDER NOTICE

Tenders are invited for the supply of miscellaneous articles of clothing and equipment required by the Tamil Nadu Police Department for the period from 1st July 1971 to 31st March 1972.

(2) The tender should be sent in a sealed cover superscribed "Tender for the supply of miscellaneous articles of clothing and equipment required by the madras Police" and address by name to Thiru K. Sreekumara Menon, I.P.S., Assistant Inspector-Genera of Police II, Madras-4, so as to reach him by 4 p.m. on 30th August 1971. No notice will be taken of the tenders received after the prescribed time and date.

(3) The form of tender, conditions of contract and the schedule of articles required can be had from the office of the Inspector-General of Police, Madras-4 on payment of Rs. 2.06 (rupees two and paise six only).

(4) Railway Receipt, if any, for the samples despatched should be sent separately to the Assistant Inspector-General of Police II by registered post and addressed by designation only. The samples should be in accordance with the approved samples of this office.

(5) The tender will be opened at 4-00 p.m. on 30th August 1971 in the presence of the tenderers who choose to be present at that time.

Tamil Nadu Water Supply and Drainage Board

CHIT TENDER NOTICES

For and on behalf of the Tamil Nadu Water Supply and Drainage Board sealed tender superscribing the name of work as below on the top of the cover 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.), Tamil Nadu Water Supply and Drainage Board, at his office at No. 17, Sir P. T. Rajan Road, Madurai-2, up to 3-00 p.m. on 25th August 1971 and they will be opened on the same date at 3-30 p.m.

Name of work :

Public Health Engineering Division, Tiruchirappalli. Supply and Delivery of M. S. Rods Tested quality conforming to ISS,226/1962 as amended up to date.

Form of Contract :

Lump sum.

Earnest Money Deposit :

Rs. 6,000 (Rupees Six 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, Public Health Engineering Division,

Tiruchirappalli-3. Cheques will not be accepted on any account.

Period of Completion of Work :
2 months.

Cost of tender Documents :

Rs. 15.45 (including sales tax).

Tender documents can be obtained from the Executive Engineer, Public Health Engineering Division, B-15, Thillainagar Main Road, Tiruchirappalli-3.

(Up to 5-00 p.m. on 21st August 1971).

K. GOVINDA MENON,
Superintending Engineer (PHE).

TAMIL NADU WATER
SUPPLY AND DRAINAGE
BOARD.
MADRAS OFFICE.

CHIT TENDER NOTICES.

Name of Work : Alandur Water Supply Scheme—II Phase— I Stage—Part II—Distribution systems for Zones 2A, 2B, 3A and 3B—Laying and jointing C.I. and A.C. Pipes and Specials.

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 p.m. on 30th August 1971 from the registered contractors of appropriate

class of this Departmental 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, No. 52, Gengu Reddi Road, Madras-8, in the presence of tenderers who choose to be present at the time of opening.

Form of contract : K-2.

Earnest money deposit : Rs. 4,540 (Rupees Four thousand five hundred and forty 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. 10-35 (Rupees ten and paise thirty-five only).

(The cost towards tender documents to be remitted to the credit of Executive Engineer, Public Health Engineering Division, Madras-4.—P.W. III—O. R. and for Sales tax XII Sales—D. Misc.—I. General Sales tax in separate chalans.)

Tender documents to be had from : On application to the Executive Engineer (P.H.), Public Health Engineering Division, 1/14, Edward Elliotts Road, Madras-4.

(With the cost of tender documents sent by cash or M.O.).

Period of completion : Eight months.

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

TAMIL NADU WATER-SUPPLY AND DRAINAGE BOARD.

Chit Tender Notice.

No. 4467/71/D1, dated 16th July 1971.

For and on behalf of the Tamil Nadu Water-Supply and Drainage Board, sealed tenders in proper Departmental forms will be received by the Superintending Engineer, Tamil Nadu Water-Supply and Drainage Board, Coimbatore-12, at his office at 25-1, III Street, Tatabad, Coimbatore-12 for the following works up to 3-00 p.m. on the days indicated against each of them and the same will be opened at 4-00 p.m. on the same day either by the Superintending Engineer, or by any authorised officer in the presence of tenderers who choose to be present at that time.

<i>Serial number.</i>	<i>Form of contract.</i>	<i>Name of work.</i>	<i>Earnest money deposit.</i>	<i>Date of receipt of tender.</i>	<i>Cost of tender documents.</i>	<i>Schedules can be had from.</i>
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	L.S.	Coonoor W.S.S., supply and delivery of CI pipes of 150 mm. dia (special class) (pressure of 30 KG/Cm 2) and conforming to ISS. 1536/1967.	Rs. 500 (Rupees five hundred only).	20th August 1971.	RS. 5-18 set (incl. S.T.) Not refundable.	E.E. (P.H.), Special P.H. Division, Minerva House, Welbeck Road, Ooty. (Up to 18th August 1971, 5-00 p.m.)
2	L.S.	Salem W.S.S. II phase II stage, supply and delivery of 16" dia (400 mm.) CI pipes, special class (pressure of 30 KG/Cm 2) and conforming to ISS. 1536/67.	Rs. 3,050	Do.	Do.	E.E. (P.H.), 28, Avvaiyar street, Subramanyam Nagar, Salem-5. (Up to 18th August 1971, 5-00 p.m.)
3	L.S.	Salem W.S.S. II phase II stage, supply and delivery of 16" dia (400 mm.) CI pipes, special class (pressure of 38 KG/Cm 2) and conforming to ISS 1536/67.	Rs. 1,975	Do.	Do.	Do.

The earnest money deposit should be in the form demand draft or Treasury chalan drawn in favour of the concerned Executive Engineers, mentioned above. Bank guarantee from any nationalised Banks can also be accepted towards the earnest money deposit. Tenders received without Earnest Money Deposit are liable to be rejected.

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

Place : Coimbatore-12.
Dated : 16th July 1971.

S. M. Shahul Hameed,
Superintending Engineer.

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 by the Superintending Engineer, Public Health Engineering Circle, Tamil Nadu Water-Supply and Drainage Board, Madras-8, at his office at No. 52, Gengu Reddy Road, Madras-8, for the above work up to 3 p.m. on 27th August 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, Tamil Nadu Water-Supply and Drainage Board, Madras-8, in the presence of tenderers who choose to be present at the time of opening.

<i>Serial number and description of work.</i>	<i>Form of contract.</i>	<i>E.M.D.</i>	<i>Period of completion.</i>	<i>Cost of tender documents.</i>
(1)	(2)	(3)	(4)	(5)
		RS.		RS. P.
1 Chingleput Water-Supply Improvements Scheme—III and Final stage—Construction of G.L. Service Reservoir of 9 Lakhs litres capacity including necessary pipe connections, valve pits and sump, etc., complete for Zone I-A.	L.S.	2,125	6 months ...	10 35 *
2 Chingleput Water-Supply Improvements Scheme—III and Final stage—Construction of G.L. Service Reservoir of 2 Lakhs litres capacity including necessary pipe connections, valve pits, sump, etc., complete for Zone-2.	L.S.	875	6 months ...	10 35 *

* The cost towards Tender documents to be remitted to the credit of the "Executive Engineer, Public Health Engineering Division, Tamil Nadu Water-Supply and Drainage Board, No. 4, G.S.T. Road, Chingleput—P.W. III—O.R. and for Sales Tax XII—Sales—Misc. I—General Sales Tax" in separate chalangans.

Tender documents can be obtained from the Executive Engineer, Public Health Engineering Division, Tamil Nadu Water-Supply and Drainage Board, No. 4, G.S.T. Road, Chingleput, by applying to him for supply of tender schedules along with cost of tender schedules sent by cash or by money-order.

The cost of tender schedule is not refundable under any circumstances.

Madras,

21st July 1971.

*Superintending Engineer,
Public Health Engineering Circle,*

GOVERNMENT OF TAMIL NADU.

DEPARTMENT OF INDUSTRIES AND COMMERCE.

Tender Notice.

For and on behalf of the Governor of Tamil Nadu sealed tenders will be received by the Superintending Engineer, Construction Branch, Industries and Commerce Department from contractors of appropriate class of Construction Branch of Industries Department and other Departments for the following works up to 3-00 p.m. on the dates noted below. The tenders will be opened by the Superintending Engineer, Construction Branch, Industries Department, 35/2, Woods Road, Madras-2 in the presence of those tenderers who choose to be present at 3-10 p.m. on the last date for receipt of tenders as noted below.

Serial number and name of work.	Earnest money deposit.	Cost of tender documents.	period of completion.	Documents available for receipt of tender.	Last date for receipt of tender.
(1)	(2)	(3)	(4)	(5)	(6)
	RS.	RS.			
1. Construction of 3 Nos. terraced godown at Industrial Estate, Ambattur.	3,900	10-40	8 months.	13-8-71	27-8-71
2. Construction of 2 Nos. godown with A.C. sheet roofing at Industrial Estate, Ambattur.	2,600	10-40	6 months.	13-8-71	28-8-71

(1) Form of agreement : lump sum.

(2) Tender documents will be available for sale at the office of the Executive Engineer (Construction), Ambattur Division, 35/2, Woods Road, Madras-2, during the office hours from the dates noted above.

(3) The cost of tender documents including sales tax on cost of tender documents of Rs. 10-40 (which will under no circumstances

be refunded) should be remitted into the Treasury or Reserve Bank of India under the head "XXIX. Industries—Other Receipts" to the credit of the Executive Engineer (Construction), Ambattur Division, 35-2, Woods Road, Madras-2.

(4) Earnest money deposit will be accepted only in the shape of chalangos deposit at call receipt and demand drafts on scheduled banks. The demand drafts on scheduled bank furnished towards earnest money deposit drawn in favour of Executive Engineer (Construction) Ambattur Division, 35/2, Woods Road, only be accepted. State Government securities and Tamil Nadu 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. Bank guarantee of any Nationalised Bank will also be accepted. No other mode of payment will be accepted.

(5) Intending tenderers should have atleast three years experience in the construction of major building works.

T. K. VISWANATHAN,
Superintending Engineer (in-charge),
Construction Branch.

GOVERNMENT OF
TAMIL NADU,
TENDER

TENDER NOTICE No. 32.

GOVERNMENT OF
TAMIL NADU.

Sealed quotations are invited for the supply of tools to the barbers and dhobies by the undersigned before 3-00 p.m. on 25th August 1971. Delivery of the tools should be at the Office of the District Welfare Officers at the respective District Headquarters F.O.R.

Details of tools needed, etc., can be had from the Office of the Director of Backward Classes, Chepauk, Madras-5.

T. B. BHARATHI,
Director of Backward Classes.

Sealed tenders are invited by the undersigned upto 1-00 p.m. on 2nd September 1971 for supply of M. S. Rounds 12 mm. dia. (I.S-226162) tested—1400 time.

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

S. SATCHIDANANDAM, B.E.
General superintendent,
Public Works Workshops and
Stores, Madras-1.

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.

<i>Form of contract.</i>	<i>Description of work.</i>	<i>Earnest money deposit.</i>	<i>Period of completion.</i>	<i>Cost of tender documents.</i>
(1)	(2)	(3)	(4)	(5)
		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

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.

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.

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

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.

(1)	(2)	(3)	(4)	(5)
		Rs.		Rs.
L.S. Kovilpatti	W.S.S. and Karai-kudi 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, 48, College Road, Subramanyapuram, Karaikudi. The cost of tender documents either in cash or by money order till 10th September 1971.

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.)

The cost of tender documents (which will under no circumstances be refunded) should be remitted into the Treasury or Reserve Bank of India under the head "Public Works Department Remittances—III. Other Remittances" to the credit of the Executive Engineer, Buildings Division II, Chennai, 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 could be had from the office of the Superintending Engineer, Madras-Chingleput Circle, during office hours in working hours.

Superintending Engineer,
Madras-Chingleput Circle.

PUBLIC WORKS DEPARTMENT,
Madras-Chingleput Circle.
Chit Tender Notice.

Construction of 'C' Block Ward at Government Mental Hospital, Kilpauk, Madras-10.

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 a other Government departments by the Superintending Engineer, Madras-Chingleput Circle, Chennai, for the above work up to 3-00 p.m. on 26th August 1971. The tenders will be opened by the Superintending Engineer, Madras-Chingleput Circle in the presence of those tenders who choose to be present at 3-15 p.m. on 26 8-71

Form of agreement—Lumpsum Earnest money deposit—Rs. 4,500 Cost of tender documents—Rs. 40 + 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, Madras Chingleput Circle during office hours.—From 18th to 25th August 1971.

**GOVERNMENT OF TAMIL
NADU.**

Public Works Department.

TENDER NOTICE.

On behalf of the Governor of Tamil Nadu, sealed quotations will be received by the undersigned in duplicate copies, up to 3 p.m. on 27th August 1971 for the supply of the following:—

1. Three numbers.—Supply of the sewage pumpsets, coupled to the 7.5 H.P. motors, having the suction and delivery branches of 6" x 6". The pumpsets should be capable of discharging not less than 120 gpm. of sewage disposals, against the total head of 100 feet from all causes.

2. Three numbers—Suitable star delta starters for controlling the above pumpsets.

NOTES.—

1. The sealed quotation will be opened on at 3.05 p.m. in the presence of such of those tenderers who wish to be present.

2. The sealed cover should be superscribed as "The sewage pumpsets for the Central Jail Works" due on 27th August 1971 at 3 p.m.

3. The offer shall preferably be from ready stocks. Otherwise period of delivery must be stated.

4. Leaflets with full technical details must accompany the offer and period of guarantee must also be specified.

5. The prices quoted shall be inclusive of delivery charges in the Central Jail at Madras.

6. Excise duty and sales-tax as applicable to the Government department should be quoted separately.

D. S. NELSON,
Electrical Engineer, P.W.D.,
Madras-5.

**GOVERNMENT OF
TAMIL NADU.**

Department of Agriculture.

On behalf of the Governor of Tamil Nadu, sealed tenders will be received by the Divisional Agricultural Engineer, 1816-1817, West Main street, Thanjavur up to 3 p.m. on 30th August 1971 for the supply of 4" and 6" G.I. Slotted pipes and 50 tonnes mechanical Jacks.

The form of tender and tender schedule may be had from the above office at Thanjavur on payment of Rs. 2.07 by cash or money order. The cost of tender documents is not refundable.

K. THANDAYUTHAM.
Divisional Agricultural
Engineer, Thanjavur.

**TAMIL NADU WATER
SUPPLY AND DRAINAGE
BOARD**

CHIT TENDER NOTICE

Supply and delivery of 525 mm. (21"), 450 mm. (18") dia. R.C.C. 'P2' class pipes with necessary R.C.C. collars —Regarding.

For and on behalf of the Tamil Nadu Water Supply and Drainage Board, sealed tenders in the proper departmental form are invited for the above supply of R.C.C. pipes and collars by the Superintending Engineer, P.H. Engineering Circle, 52, Gengu Reddy Road, Egmore, Madras-8,

from the manufacturers and leading suppliers of R.C.C. pressure pipes up to 3.00 p.m. on 20th August 1971. The tenders will be opened on the same day at 3.30 p.m. by the Superintending Engineer (P.H.E.) or any other officer authorised by him in the presence of tenderers who choose to be present at that time.

1. Form of contract—Lump-sum.

2. Earnest Money Deposit—Rs. 5,000.

3. Cost of tender documents—Rs. 10.40 (Rupees ten and paise forty only (including S.T.))

4. Tender documents are to be obtained from the Executive Engineer, P.H. Engineering Division, G.S.T. Road, Chingleput.

5. The cost of tender documents can be sent by cash or money order with a requisition for supply of tender documents, which will be available during working days from 2nd August 1971.

6. The cost of tender documents once paid is not refundable under any circumstances.

7. 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.

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

Superintending Engineer,
Madras Circle.

TENDER NOTICE

Tender for the supply of one Deep X-Ray Therapy Unit for use in Government Raja Mirasdar Hospital, Thanjavur.

For and on behalf of the Governor of Tamil Nadu sealed tenders for the supply of one Deep X-Ray Therapy Unit for use in Government R.M. Hospital, Thanjavur will be received by the Superintendent, Government R. M. Hospital, Thanjavur up to 2-00 p.m. on Thursday the 16th September 1971 (16-9-1971).

A copy of the conditions of tender and a copy of tender forms can be had from the Office of the undersigned on application on any working day during office working hours.

The fee towards the cost of tender form is Rs. 5 (Rupees five only) and sales tax at $3\frac{1}{2}$ per cent plus S.C. 5 per cent on Sales Tax which should be remitted into the Reserve Bank of India or into any of the branches of the State Bank of India or any Government Treasury to the credit of the Government of Tamil Nadu under the head "XXIII. Medical—II. D.M.E.—K. Miscellaneous" in the case of Tender Form and in respect of Sales Tax and Surcharge it should be remitted under the head "XII. Sales Tax—Receipts under the State Sales Tax Act—General Sales Tax".

The chalans should be produced along with the application for obtaining the tender forms.

The tenderers are informed that tenders should be addressed to the Superintendent, Government R. M. Hospital, Thanjavur on behalf of the Governor of Tamil Nadu.

No cash will be received under any circumstances towards the cost of tender forms.

Each tender must be accompanied by a Solvency Certificate obtained on or after 1st May 1971 in the prescribed form and signed by a Tahsildar or a true copy of the same duly attested by a Gazetted Officer.

An Income tax Verification Certificate should be produced.

Sales Tax Clearance Certificate should also be produced.

Each Tender must be accompanied by a Nationality Certificate obtained on or after 1st May 1971 from the Revenue Authority not lower in rank than that of a Tahsildar or a true copy of the same duly attested by a Gazetted Officer.

**Dr. D. BHUPATI, M.D.,
Superintendent, Govt. R. M.
Hospital, Thanjavur.**

AUCTIONS

Auction sale of about 1000 tons of Babul trees on the tank bed and bund of Guruvoyal tank of Guruvoyal village, Pennalurpet Sub-taluk in Chingleput District will be conducted by the Assistant Collector, Tiruvallur on 27th August 1971 at 11 a.m. at Guruvoyal village. Further correspondence regarding the conditions of sale can be had from the Assistant Collector, Tiruvallur.

**A. K. RASTOGI,
Assistant Collector,
Tiruvallur.**

CHIT TENDER NOTICE.

Tirupathur (North Arcot) Water Supply Scheme—Supply and erection of Vertical turbine pumpsets 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, T.W.A.D. Board, Madras circle in the presence of the tenderers who are present at the time of opening.

Form of contract— L. S.

E.M.D.—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 S.T.

Period of completion—10 (Ten) months.

Tender documents can be had from—Executive Engineer T. W. A.D. Board, 301, Janath Road, Vaniambadi by remitting cash or by sending M.O.

**SUPERINTENDING
ENGINEER,
Public Health Engineering circle,
Madras-8.**

GOVERNMENT OF TAMIL NADU.

PUBLIC WORKS DEPARTMENT.

Chit Tender Notice No. T3/71-72, dated 24th July 1971.

Name of work.—Construction of Revetment with concrete piles and rough stone in Boat Basin and North Bank of Fisheries Creek at Cuddalore.

1. For and on behalf of Governor of Tamil Nadu sealed tenders will be received by the Superintending Engineer, P.W.D. Designs and Marine Works Circle, Chepauk, Madras-5, for the above work up to 3:00 p.m. on 26th August 1971.
2. Form of Agreement—Lump sum.
3. (a) Earnest Money Deposit—Rs. 2,800.
(b) Additional Security deposit—Rs. 2,800 or as fixed by Superintending Engineer.
4. Cost of tender documents—Rs. 20 (Rupees twenty only).
5. Sales tax on cost of tender documents —Re.0-60 (Sixty paise only).
6. Period of Completion of work —6 months (Six).
7. Supply of tender documents from the office of the Superintending Engineer, Designs and Marine Works Circle, Madras-5, from 9th August 1971 to 21st August 1971.
8. The cost of tender documents specified in item 4 above should be remitted into the Treasury or Reserve Bank of India under the Head "P.W. Remittance III. Other Remittances" to the credit of the Executive Engineer, Marine Works Division, Cuddalore. The sales tax specified in item 5 should be remitted in the same chalan under the Head III. Sales tax—B. Receipt under the State Sales Tax Act. The tender documents will be supplied on production of the above chalan and this amount will not be refunded on any account.
9. Earnest money deposit will be accepted only in the shapes specified in detailed tender notice.
10. The tenders should be submitted only in the prescribed forms supplied by the Department in sealed cover marked 'Tender' with the name of work.
11. The Superintending Engineer, Designs and Marine Works Circle reserves to himself the right to reject any or all tenders.
12. Tenders not complying with clauses 9 and 10 will be summarily rejected.

D. I. PAUL,
Superintending Engineer, Designs and Marine Works.

TAMIL NADU WATER SUPPLY AND DRAINAGE BOARD.

Short Chit Tender Notice.

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 p.m. on 28th August 1971.

<i>Form of Contract.</i>	<i>Description of work.</i>	<i>Earnest Money Deposit.</i>	<i>Period of completion.</i>	<i>Cost of tender documents.</i>
(1)	(2)	(3) Rs.	(4)	(5) Rs.
L.S.	Kovilpatti Water Supply Scheme Supply and delivery of Hume-Steel specials.	2,500	four months.	10.40

The tender documents can be had from the office of the Executive Engineer, Public Health Engineering (Execution) Division, 25, Vakil Street, Kovilpatti, Tirunelveli District by remitting the cost of tender documents either in cash or by money order.

Demand draft on any scheduled bank payable at par or treasury chalan drawn in favour of the Executive Engineer (P.H.E.), (Execution Division), Kovilpatti or Bank guarantee for the entire amount executed from any one of the nationalised banks will also be accepted. Cheques will not be accepted on any account.

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

**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.

TAMIL NADU WATER SUPPLY AND DRAINAGE BOARD.

Short Chit Tender Notice.

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 p.m. on 15th September 1971.

<i>Form of contract.</i>	<i>Description of works.</i>	<i>Earnest Money Deposit.</i>	<i>Period of completion.</i>	<i>Cost of tender documents.</i>
(1)	(2)	(3)	(4)	(5)
		Rs.		Rs.

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

The E.M.D. 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, Subramaniapuram, Karaikudi. Bank guarantee for the entire amount executed from any one of the nationalised banks, will also be accepted towards E.M.D. Chques will not be accepted on any account towards E.M.D.

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

DIRECTORATE OF TECHNICAL EDUCATION
(CONSTRUCTION WING), GUINDY,
MADRAS-25.

CHIT TENDER NOTICE.

Providing street lights in the Madurai University campus at Madurai-Theni Road.

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 A Class contractors registered for taking up works in the Technical Education Divisions, for the above work up to 3 p.m. on 30th August 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.

1. Form of Agreement ... 'C' Form.
2. Earnest Money Deposit. Rs. 2,650 (Rupees two thousand six hundred and fifty only).
3. Cost of tender documents. Rs. 15-00 plus Sales Tax at 3 per cent.
4. Period of completion ... Three months.
5. Date from which tender documents will be available in the above office during office hours. 16th to 28th August 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. 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.

Name of work.—Construction of one Vice-Chancellors' quarters, one Professor's quarters, one Block of four flats for Readers, one Block of four flats for Lecturers, for the Madurai University at 8-2, Madurai-Theni Road, Madurai.

The last date for the receipt of tenders for the above works fixed as 9th August 1971 is postponed and extended upto 3 p.m. on 23rd August 1971. The tender documents will be available for sale in the above office up to 5 p.m. on 21st August 1971.

All other conditions remain unaltered.

Director of Technical Education, Madras.

TAMIL NADU STATE TRANSPORT DEPARTMENT.

TENDER NOTICE.

Sealed quotations for the supply of Tyre retreading materials are invited by the undersigned up to 3 p.m. on 1st September 1971. Detailed conditions of tender and other particulars can be had free of cost from the Purchase Officer, Tamil Nadu State Transport, Madras-2 on any working day.

DIRECTOR,

Tamil Nadu State Transport Department.

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. No other mode of payment will be accepted.

In the event of the work being transferred to any other Division, the Executive Engineer who is in charge of the Division having jurisdiction over the work shall be competent to exercise all powers and privileges reserved in favour of Government.

The Director of Technical Education, Madras-25, reserves the right to reject any or all the tenders without assigning any reasons therefor.

Director of Technical Education, Madras.

CHIT TENDER NOTICE.

**Construction of a canteen building in
Madras Medical College, Madras.**

For and on behalf of the Governor of Tamil Nadu sealed tenders for the above work will be received by the Superintending Engineer, P.W.D., Madras-Chingleput Circle, Madras-5, at his office at Chepauk, Madras-5, up to 3 p.m. on 31st August 1971. The tenders will be opened by the Superintending Engineer, Madras-Chingleput Circle, P.W.D., Chepauk, Madras-5, in the presence of those tenderers who chose to be present at 3-15 p.m. on the same day.

1. Form of agreement ... Lumpsum.
2. Earnest money deposit. Rs. 3,000
3. Period of completion ... 3 months.
4. Cost of tender documents. Rs. 20 (Rupees twenty only) to be remitted into the treasury or Reserve Bank of India under the head "Public Works Remittances III, Other remittances" to the credit of the Executive Engineer, North Presidency Division, Chepauk, Madras-5.
5. Sales tax ... Rs. 0-60 (Rupees nil and paise sixty only) to be remitted under the same chalan into the treasury or Reserve Bank of India, Madras, under the head "XII. Sales tax-b. Receipt under State Sales Tax Act.—General Sales tax".
6. Sales of tender documents during office hours. From 24th August 1971.
7. Date of tender ... 31st August 1971.

(An Undertaking of the Government of Tamil Nadu)

35/2, Woods Road, Madras-2.

**TENDER NOTICE NO. 35366/G1/69,
dated 22nd July 1971.**

Sealed tenders are invited up to 11-00 a.m. on 31 August 1971 for the disposal of EUKONAL BINDER IM. available in the TANSI Tannery, Vinnamangalam, on as-is-where-is condition. Tender documents and other particulars can be had from the General Superintendent, TANSI Tannery, Vinnamangalam, Minnur Post, North Arcot District, on payment of Rs. 5.25 (Rupees five and paise twenty-five only) either in cash or by money order to the General Superintendent of the above Unit.

Tenders superscribed "For the purchase of EUKONAL BINDER IM. due on 31 August 1971" be sent in sealed covers addressed to the General Superintendent, TANSI Tannery, Vinnamangalam, Minnur Post, North Arcot District, before 11-00 a.m. on 31 August 1971. Tenders will be opened at 12-00 Noon on 31 August 1971 at the TANSI Tannery, Vinnamangalam.

MANAGING DIRECTOR.
Tamil Nadu Small Industries Corporation, Ltd.

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, P.W.D., Madras-Chingleput Circle, Madras-5 reserves to himself the right to reject any or all the tenders without assigning any reasons therefor.

P. K. KANDASAMY,
Superintending Engineer, P.W.D.,
Madras-Chingleput Circle.

TAMIL NADU ELECTRICITY BOARD.
[400 J.E. POSTS]

Applications in the prescribed form are invited by the Chairman, Tamil Nadu Electricity Board upto 5 p.m. on 31st August 1971 for appointment by direct recruitment to 400 posts of Junior Engineers (Electrical) on Rs. 300—25—650 in Class III Service of the Tamil Nadu Electricity Board.

Candidates posted to Project areas will be allowed, besides dearness allowance, concessions and allowances such as Hill Allowance, Project Allowance, rent free quarters and free supply of electricity, Class I Special pay, etc., whichever is admissible under rules.

Qualification.—A degree in Electrical Engineering of any University in the Indian Union recognised by the University Grants Commission or its equivalent.

Due consideration will be given to the cases of candidates who are working as departmental stipendiary apprentices or in Workcharged Establishment or as Temporary Casual Labourers.

Age.—Candidates, other than Scheduled Castes, Scheduled Tribes and Backward Classes, must not be over 28 years on 1st July 1971.

Copy of notification containing full particulars regarding qualification, age, etc., and the prescribed application form may be obtained from the *Chief Engineer for Electricity, 157, Mount Road, Madras-2* on requisition enclosing a self addressed cover oblong in size of 23 cm. X 10 cm. and bearing postage to the value of 20 Paise.

Chairman,
Tamil Nadu Electricity Board.

GOVERNMENT OF TAMIL NADU.
(Public Works Department).

TENDER NOTICE No. 31.

Sealed tenders are invited for and on behalf of the Governor of Tamil Nadu by the undersigned upto 1 p.m. on 30th August 1971, for the work mentioned below :—

Repairing the Four numbers of gas holders of various capacities in the compound of Tirunelveli Medical College, Palayamcottai.

Necessary tender specification and conditions may be had from the undersigned, free of cost on application.

S. SATCHIDANANDAM,
General Superintendent, P.W. Workshops and
Stores, Madras-1.

NOTIFICATION.

Appointment for the post of Mechanic Grade II.
Physiology Department, Thanjavur Medical
College, Thanjavur.

Applications are invited by the Principal, Thanjavur Medical College, Thanjavur, up to 5 p.m. on 31st August 1971, for appointment to the post of Mechanic, Grade II, with scale of pay Rs. 225—5—250—10—350 with usual allowances admissible to the post in Thanjavur Medical College, Thanjavur from the candidates possessing the following qualifications, age, etc.

- (1) Must not have completed the age of 30 years.
- (2) Diploma of L.M.E. of the Government School of Technology, Madras or of the Victoria Jubilee Technical Institute, Bombay ; and
- (3) after getting the diploma, practical experience in a workshop for a period of not less than three years including a special knowledge of the working of refrigerating plants.

A sum of Rs. 10 (Rs. 10 only) should be paid by the applicant in any one of the Government treasuries under the following head of account and the chalan therefor should be attached to the application.

“XXIII — Medical. g. —Miscellaneous—
Director of Medical Education.”

The application should be submitted in a plain paper stating the qualifications, age, previous experience, etc.

Service candidates should sent their completed applications through the head of the institution where they are now working.

T. S. CHELVAKUMARAN,
Principal, Thanjavur Medical College, Thanjavur-4.

AUCTIONS

Confiscated fire arms and ammunition will be sold in Public auction to persons holding valid licences and authorised licences dealers at 11 a.m. on 31st August 1971, at the office of the Reserve Inspector Stores, Police Commissioner's Office Road, Egmore, Madras.

Commissioner of Police.

TAMIL NADU HOUSING BOARD.
(SOUTH DIVISION.)

TENDER NOTICE.

Separate sealed tenders with the name of work and the tenderer duly superscribed on the cover are invited for the following works at S.M.N.H Scheme so as to reach the undersigned not later than 3 p.m. on the dates mentioned against each item. The tenders will be opened at 3-05 p.m. on the same day in the presence of tenders or their agents who choose to be present.

<i>Item number and description of work.</i>	<i>Approximate value of work.</i>	<i>E.M.D.</i>	<i>Cost of Tender.</i>	<i>Last date.</i>
(1)	(2)	(3)	(4)	(5)
	RS.	RS.	RS.	
1 Construction of 3 blocks of 2 in 1, 3 bed roomed flats at Besant Nagar under Group No. 1.	1,92,000	2,880	10-30	19th August 1971.
2 Construction of 3 blocks of 2 in 1, 3 bed roomed flats at Besant Nagar under Group No. 2.	1,92,000	2,880	10-30	Do.
3 Construction of 3 blocks of 2 in 1, 3 bed roomed flats at Besant Nagar under Group No. 3.	1,92,000	2,880	10-30	20th August 1971.
4 Construction of 4 blocks of 2 in 1, 3 bed roomed flats at Besant Nagar under group No. 4.	2,56,000	3,840	15-45	Do.
5 Construction of 6 blocks of 4 in 1 small 2 roomed L.I.G. Flats as per T.D. No. 2B/70 at Besant Nagar under Group No. 1.	2,16,000	3,240	15-45	25th August 1971.
6 Construction of 6 blocks of 4 in 1 small 2 roomed L.I.G. Flats as per T.D. No. 2B/70 at Besant Nagar under Group No. 2.	2,16,000	3,240	15-45	Do.
7 Construction of 6 blocks of 4 in 1 small 2 roomed L.I.G. Flats as per T.D. No. 2B/70 at Besant Nagar under Group No. 3.	2,16,000	3,240	15-45	26th August 1971.
8 Construction of 6 blocks of 4 in 1 small 2 roomed L.I.G. Flats as per T.D. No. 2B/70 at Besant Nagar under Group No. 4.	2,16,000	3,240	15-45	Do.
9 Construction of 3 blocks of 2 bed roomed 4 in 1 M.I.G. Flats as per S.D. No. 124/70 at Indiranagar under Group No. 1.	2,40,000	3,600	15-45	27th August 1971.
10 Construction of 2 blocks of 2 bed roomed 4 in 1 M.I.G. Flats as per S.D. No. 124/70 at Indiranagar under Group No. 2.	1,60,000	2,400	10-30	Do.

Tender documents and other particulars can be had on payment of cost from the Office of the Executive Engineer, South Division, Tamil Nadu Housing Board, Madras-35 between 10-00 a.m. and 2-00 p.m. on all working days.

S. KUMARESAN,
Executive Engineer (S.W.)

TOWN AND COUNTRY PLANNING IN TAMIL NADU

The aim of town and country planning today is to achieve the maximum welfare of the community and in the process create a pleasant environment for the people to live in to work and to spend their leisure time.

Tamil Nadu was one of the earliest States in India to realise the importance of town and country planning and took series of steps to organise, and to integrate the various activities towards this objective and wherever necessary it gave statutory recognition and backing.

The pre-requisite of any town and country planning is to identify the viable regions from the point of view of demographic, social and physical characteristics and economic considerations. The strategy thereafter should be to identify the town and country planning at regional, sub-regional, urban and local levels.

A regional plan for each viable region to provide integrated development, a sub-regional plan for the area with dominant or distinct characteristics, an urban plan for the development of metropolitan areas and urban growth centres and local plans for the areas designated in the master plans are some of the strategies adopted by the Town Planning Department

of the Government of Tamil Nadu.

To translate the above spelt strategies into action, the entire organisation of Town Planning Department has been reorganised under four distinct divisions, viz., Regional Plans Division, Master Plans Division, Detailed Development Plans, Division and Central and Research Divisions.

The State of Tamil Nadu has been divided into eight viable planning regions and a regional office of the Directorate of Town Planning has been established in each of the planning region at a convenient location. The eight planning regions are: Chingleput, Dharmapuri, Salem, The Nilgiris, Thanjavur, Madurai, Ramanathapuram and Tirunelveli regions.

For the development and use of rural and urban lands in Tamil Nadu for other purposes connected therewith, a revised "Town and Country Planning Bill" is under consideration of the Government of Tamil Nadu. This bill when passed by the legislature would replace the present Town Planning Act of 1920. The intention of preparing, such a comprehensive bill is to provide for the constitution of a "State Planning Board". The proposed bill will, *inter alia*, enable effective

and expeditious implementation of various town and country planning programmes.

It is programmed to bring out regional plans for all the eight regions in the State by the end of 1971 and surveys in this regard are already under progress. The department has prepared interim development plans (and master plans) in respect of nine towns, apart from the interim development plans prepared for Madras and Coimbatore. It is targeted to prepare master plans for eight more towns by the end of 1971.

Within Tamil Nadu, there are at present 142 sanctioned and 540 notified town planning schemes. Though considerable progress has been made in the implementation and execution of the town planning scheme, works for organised development of the areas, has been hampered by inadequacy of finance. To meet the initial deficiency, the Tamil Nadu Government have been granting loans to the local bodies for the progress of plans and execution of planning schemes.

Research Wing

The establishment of a Research Wing in the Directorate of Town Planning is another noteworthy feature and the Research Wing has already undertaken certain main topics relating to planning for detailed study so as to bring out brochures on these topics. This division is also programming various methods of public participation

to educate the public on the importance of town-planning.

Under general schemes, all the layouts of the 'Housing Board' projects are prepared and major works as Manali Complex, zoning of areas for residences and industries for urban centres, preparation of layouts for industrial estates, civic designs are also undertaken. There are also certain other special schemes.

The department has already prepared interim development plans for the Madras city metropolitan area and the Coimbatore city metropolitan area and submitted plans and reports to the Government for according approval.

There is a separate special division in this department in collaboration with the Highways Department and the Metropolitan Traffic Team of the Planning Commission, Delhi dealing with a comprehensive study of the traffic and transportation for Madras city region. A final report on the studies so far made by this division is under preparation.

As a counter magnet for the sprawling city of Madras which is growing very rapidly in its population and size, it has been proposed to develop Chingleput, Tiruvellore and Gummidipoondi as satellite towns. Surveys are nearing completion in this regard and the development plans for these three towns will be prepared in the course of another six months.

PRESIDENT'S AWARD FOR GALLANTRY



Thiru K. P. Ponnuswamy, Constable (deceased) and Thiru M. Ganesan, Head Constable of North Arcot District of Tamil Nadu (left to right) for whom the President has approved of the award of Police Medal for gallantry.

The President has awarded Police Medal for gallantry to Thiru K. P. Ponnuswamy (deceased), Police Constable 1546, and Thiru M. Ganesan, Head Constable 112, both from North Arcot District.

Statement of services.

On October 5, 1970, a dangerous criminal by the name Annamalai, was sighted by Thiru Kulla Pandithan Ponnuswamy near the police station at about 6-45 p.m. The Sub-Inspector of Police who also noticed the criminal, directed Thiru Mahadeva Mudaliar, Ganesan and Thiru Ponnuswamy to apprehend the criminal.

The criminal, taken aback by the confrontation with the Police, tried to run away but both Ganesan and Ponnuswamy

pursued him. Thiru Ganesan being nearer to the criminal, caught hold of him but the latter suddenly whipped out a knife and stabbed Ganesan in his abdomen.

Thiru Ponnuswamy rushed to his assistance and grappled with the criminal without caring for the knife but he too was stabbed viciously in the abdomen as a result of which his intestines came out and he succumbed to his injuries the next morning.

In the encounter, Thiru Ponnuswamy showed conspicuous courage, bravery and devotion to duty in grappling with the armed criminal, while Thiru M. Ganesan showed great courage and exhibited conspicuous bravery in apprehending the criminal. Hence the President's Award for Gallantry.

EVIDENCE OF ANCIENT SEA VOYAGES BY TAMILS

The Tamils were capable of making longer sea voyages in the 15th century, than so far recognised according to a recent number of the "Znanic Sila", a Soviet magazine. It arrives at this conclusion from the shipwreck found in the north-eastern part of New Zealand near the village Karirora, adjoining the small town Baglan and now kept in the Government Museum of New Zealand in Wellington. *Among the debris was found a copper bell with Tamil inscriptions on it.* The vessel itself was evidently made of teak wood and fastened with wooden base. From the available parts of the ship and the inscriptions, experts have calculated that the ship might have sunk in the 15th century A.D.

It may be recalled that New Zealand was discovered by the Dutchman Tazman in the year 1642. But from the parts of this wrecked ship it is clear that the unknown sailors from Tamil Nadu were at least 2 centuries ahead of the first European discoverer of New Zealand. Not only that, it is also obvious that New Zealand might not have been their ultimate destination, but the other archipelagos in the Pacific Ocean, and who knows,

the shores of the New world (America).

Captain Bret Gilder who has dedicated himself to the study of ancient navigation in the Pacific Ocean is now working on solving the riddle of early visits of Tamilians to New Zealand.

Similarly Chola influence is claimed in Africa also.

The Great ruins of Zimbabwe, are famous historic sites in South Africa and nationalists Africans are very proud of them. But the element of astonishment is that their layout and construction resemble a Chola temple. The central tower appears to be a cousin of the Tbanjavur tower. There is a legend and tradition current among the tribals there of Vira Chocha (Veera Chola). A charming prince with golden skin came to them thousand years ago across the seas and gave good things to them and said he will come again. At Zimbabwe gold nuggets were in plenty and huge gold workings were there. The gold was transported to the nearest port on the Indian Ocean and exported. The entire life and activities at Zimbawer was stopped suddenly. There are no controversies about these two conclusions by African historians. However, the gold holdings of our temples are large and must

have been huge and astronomical, some seven or eight centuries ago. The plunders of Mir Jumla, Malik Kafur, Tippu Sultan, Wellesley are well-known and it is a matter of consideration whether the huge gold supply would have been obtained from the Kolar Gold Fields alone.

Among the victories of Raja Raja, pride of place is given to the victory off the Kandanallur Roadstead. The historians are puzzled why this skirmish between a few boatmen should be extolled so highly in his Meikirti while the great land battles and sea battles in the eastern sea are listed in secondary importance. If there was a Chola Main, like the Spanish Main, between Zimbabwe and Coromandel Coast, the sailing vessels must make for the Kandanallur Roadsteads. The wind and water conditions of the Indian Ocean would not permit the direct traffic from the Coromandel Coast to South Africa. One should also mark the words, Kandanallur Roadstead and not Kandalur Port. Perhaps the ships on the Coromandel—Zimbabwe run, turned at the Kandalur Roadstead, instead of making for the Port with their secret and precious cargo. The word Zulu is of Dutch Coinage, but the African tribes have their own names and the Zulus claim a maritime origin.

STEPS TO ACCELERATE DISPOSAL OF INDUSTRIAL LICENCE APPLICATIONS.

With a view to accelerate the disposal of applications for industrial licences, Government have analysed in detail the various stages in the processing of an application and are taking necessary steps to cut down the time taken in each stage. In doing so, Government observe that in cases where applications are made for manufacture of more than one product and where examination of the application has to be made by different sections in the same Ministry or the D.G.T.D. more time is necessarily taken as the same application has to be passed on to different sections. Applicants are, therefore, advised to make, as far as possible, separate applications for industrial licences in respect of individual products, so that such applications can be more speedily processed. However, there may be products which may form an integral part of a particular proposal and may have to be considered together. In such cases where more than one product is involved, it is requested that one additional copy (over and above the 11 copies required to be sent) for each additional product mentioned in the application may be sent to the Ministry of Industrial Development. Government consider that this will be in the interest of the applicants themselves and that applications will be more than speedily processed if the requisite number of extra copies are furnished.

MODERNISATION OF CARGO HANDLING TECHNIQUES IN MADRAS PORT.

A training course in dock safety was inaugurated at the Madras Port Trust on July 19, 1971, for the benefit supervisory staff employed by the Port Trust and other organisations connected with the port work.

The Port Trust would be acquiring some fork lift trucks specially designed for use in ship's hold. These trucks would be put into commission for improving the out-turn. The need for the supervisory staff to keep abreast with the latest cargo handling techniques to improve the efficiency of the port was emphasised and the training course being conducted by the Inspectorate of Dock Safety would be of great help to them in this direction.

This programme applicable to major ports on the basis of their safety performance had been introduced under the National Safety Award Scheme to be operated from 1971.

Government also observe that time has to be spent in calling for additional information, if all the information required is not furnished in the application form itself. It is, therefore requested that applicants give full and complete information on each of the columns of the application form. Where it is necessary for the Government to call for

Government move to take over six Mills.

The Tamil Nadu Government has agreed to initiate action for the take over and running of six closed textile Mills in Coimbatore.

This follows the discussions the textile labour leaders from Coimbatore had with the Chief Minister, the Labour Minister and the Industries Minister Thiru S. Madhavan at the Secretariat.

The Labour leaders had given 'some proposals' for the consideration of the Government for taking over the six mills and the Government had agreed to take action on these proposals, said Thiru S. Madhavan at the end of the meeting.

The leaders, he said, had also conveyed to the Government that they had withdrawn their agitation and the latter had ordered the dropping of all cases registered in connection with the agitation.

additional information, a specified period of time will be stipulated within which it should be furnished. The applicants are requested to strictly adhere to the time limit stipulated. The applications are liable to be rejected for want of information, if such information is not received within the stipulated period.

(Courtesy P.I.B.)

CHIT TENDER NOTICE

Sealed tenders will be received by the Superintending Engineer, P.W.D., Ramanathapuram Circle at his office at Madurai for the work noted below up to 4 p.m. on 3—9—1971. The tenders will be opened by the Superintending Engineer, P.W.D., Ramanathapuram Circle, Madurai-1 in the presence of tenders who choose to be present at 4-30 p.m. on the same day.

Name of work.	E.M.D.	Form of contract.	Cost of tender schedule.
(1)	(2)	(3)	(4)
Construction of an anicut across of Gundar to feed Narayana-Cauvery Channel including flood bank in Aruppukottai taluk of Ramanathapuram District.	Rs. 13, 100	K2 (Rupees thirteen thousand and one hundred only).	Rs. 20 plus sales tax.

The cost of tender documents for each set is payable under the sub-head "P.W.D. III. Other remittances on account of Executive Engineer, P.W.D., Sivaganga Division, Sivaganga. Besides Sales tax at 3 per cent extra which is payable under the head "XII. General Sales Tax".

The cost of tender documents (which will under no circumstances) be refunded should be remitted into the treasury or Reserve Bank of India to the head of account specified above and the chalan produced after which the tender documents will be issued.

Tender documents will be available for sale at the office of the Superintending Engineer, P.W.D., Ramanathapuram Circle, Madurai-1 during office hours from 25—8—1971 onwards. The last date for receipt of applications for the tender schedules is 1—9—1971 and the applications received after that date will not be generally considered.

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

R. RAMASWAMY,
Superintending Engineer. P.W.D.
Ramanathapuram Circle, Madurai-1.

CHIT TENDER NOTICE

For and on behalf of Governor of Tamil Nadu, sealed schedule tenders will be received by the Superintending Engineer (Highways & Rural Works) Tiruchirappalli at his office at Subramaniam-puram, Pudukkottai Road, Tiruchirappalli up to 3-30 p.m. on 8—9—71 (Wednesday) for the work noted below and opened at 3-35 p.m. on the same date.

Name of work.	E.M.D.
(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 25—8—71 to 7—9—71.

2. The Earnest Money Deposits 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 (H.R.W.),
Tiruchirappalli-1.

GOVERNMENT OF TAMIL NADU

STATE TRANSPORT DEPARTMENT

Chit Tender Notice

For and on behalf of the Governor of Tamil Nadu sealed scheduled tenders will be received by the Chief Engineer, Transport Department, Madras-2, at his office at "Transport House" Mount Road, Madras-2, up to 3 p.m. on 2nd September 1971 for the works noted below :—

<i>Name of work.</i>	<i>Earnest Money Deposit.</i>	<i>Cost of tender documents including sales tax.</i>	<i>Period of completion.</i>
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Construction of lavatory and compound wall at Kanchipuram Depot.	Rs. 2,250	Rs. 15-55	8 months
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Form of contract :— Lump-sum.

Tenders will be opened on the same day i.e., on 2nd September 1971 at 3-15 p.m. by the Chief Engineer, Tamil Nadu State Transport Department, Transport House, Madras-2.

Particulars of tender conditions, forms, schedules and plans can be obtained from the office of the Executive Engineer (Civil), Transport House, Madras-2, on requisition in writing and on payment of Rs. 15-55 on all working days during office hours from 16th August to 1st September 1971. This amount will not be refunded under any circumstances.

The earnest money noted above should be remitted in any of the Government Treasuries under the head 'Revenue Deposit' to the credit of the Executive Engineer (Civil), Tamil Nadu State Transport Department, Transport House, Madras and the receipted chalan should be enclosed with the tender.

Tenders received without the prescribed earnest money deposit will not be considered.

CHIEF ENGINEER,

**Tamil Nadu State Transport Department,
Madras-2.**

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

TENDER NOTICE No. 70358/PB1/71, dated 28th JULY 1971.

SEALED Tenders are invited for the supply of Khaki Canvass (Olive Green) required for TANSI Leather Works, Pallavaram, Madras-43, an Unit of this Corporation. Tenders will be received up to 2-00 p.m. on 23rd August 1971 and will be opened at 3-00 p.m. on the same day.

The tender documents can be had from the Deputy Manager (Purchase) of this Corporation during office hours on payment of Rs. 5-25 (non-refundable) inclusive of Sales Tax by cash or Money Order in favour of Senior Accounts Officer (Cash) of this Corporation.

MANAGING DIRECTOR.

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

Tender Notice No. 67407/pB1/71, dated 21st July 1971.

SEALED Tenders are invited for the supply of Bichromate of Soda required for Chrome Tanning process for Tansi Tannery, Vinnmanagalam an unit of this Corporation. Tenders will be received up to 2-00 p.m. on 18th August 1971 and will be opened at 3-00 p.m. on the same day.

The tender documents can be had from the Deputy Manager (Purchase) of this Corporation during office hours on payment of Rs. 5-25 (non-refundable) inclusive of Sales Tax by cash or Money Order in favour of Senior Accounts Officer (Cash) of this Corporation.

MANAGING DIRECTOR.

GOVERNMENT OF TAMIL NADU.

PUBLIC WORKS DEPARTMENT.

Re-tender Notice.

NAME OF WORK.

1. Formation of Reservoir across Goddar from L.S. to 300 (Reach-I) in Vellakkalnatham village in Tirupathur taluk.
2. Formation of Reservoir across Goddar from L.S. 300 to 500 (Reach-II) in Vellakkalnatham village in Tirupathur taluk.
3. Formation of Reservoir across Goddar from L.S. 500 to 900 (Reach-III) in Vellakkalnatham village in Tirupathur taluk.

For and on behalf of Governor of Tamil Nadu separate sealed tenders will be received by the Superintending Engineer, P.W.D. Chingleput-North Arcot Circle from contractors of appropriated class of P.W.D. or other Government departments for the three works noted below up to 3.00 p.m. on 26th August 1971. The tenders will be opened by the Superintending Engineer, P.W.D., Chingleput-North Arcot Circle, Vellore-1, in the presence of those tenderers who choose to be present at 3-15 p.m. on the same day.

DETAILS OF TENDER.

- | | | | | |
|--|----|--------|---|------------|
| 1. Formation of Reservoir across Goddar from L.S. 0 to 300 (Reach-I) in Vellakkalnatham village in Tirupathur taluk. | K2 | 4,900 | Rs. 20-60 including S.T. at 3 per cent. | 18 months. |
| 2. Formation of Reservoir across Goddar from L.S. 300 to 500 (Reach -II) in Vellakkalnatham village in Tirupathur taluk. | K2 | 16,600 | Rs. 20-60 including S.T. at 3 per cent. | 18 months. |
| 3. Formation of Reservoir across Goddar from L.S. 500 to 900 (Reach-III) in Vellakkalnatham village in Tirupathur taluk. | K2 | 8,600 | Rs. 20-60 including S.T. at 3 per cent. | 18 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 9th August 1971 to 23rd August 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 of "P.W. Remittances. III. Other Remittances" to the credit of the Executive Engineer, P.W.D., Vellore, Division Vellore-5.

The sales tax of Rs. 0-60 can be remitted in the same chalan 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 chalan.

Earnest money deposit will be accepted only in the shape of chalans fixed deposit receipts, deposit at call receipts and demand drafts of Scheduled Banks. The demand draft of Scheduled Bank furnished towards earnest money deposit drawn in favour of Executive Engineer, P.W.D., Vellore Division, Vellore only be accepted. State Government Securities and Tamil Nadu 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.

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

GOVERNMENT OF TAMIL NADU.

PUBLIC WORKS DEPARTMENT.

Chit Tender Notice No. T4/71-72, dated 24th July 1971.

Name of work.

Construction of Transformer House at Cuddalore for Cuddalore Port Development Scheme.

1. For and on behalf of Governor of Tamil Nadu Sealed Tenders will be received for the above work by the Superintending Engineer, Public Works Department, Designs and Marine Works Circle, Chepauk, Madras-5, up to 3-00 p.m. on 26th August 1971.

2. Form of agreement—Lump sum.

3. (a) Earnest money deposit—Rs. 2,500.

(b) Additional Security deposit—Rs. 2,500 or as fixed by Superintending Engineer.

4. Cost of tender documents—Rs. 20 (Rupees twenty only).

5. Sales-tax on cost of tender documents—0-60 (Sixty paise only).

6. Period of completion—5 months.

7. Supply of tender documents from the office of the Superintending Engineer, Designs and Marine Works Circle, Chepauk, Madras-5—From 9th August 1971 to 21st August 1971.

8. The cost of tender documents and sales-tax specified in items 4 and 5 should be remitted into the Treasury or Reserve Bank of India under the head "P.W. Remittances, Marine Works Divisions, Cuddalore". The sales-tax specified in item 5 should be remitted in the same chalan under the head "XII. Sales tax—'B' Receipt under State Sales Tax Act—General Sales tax". The tender documents will be supplied only on production of the above chalan and this amount will not be refunded on any account.

9. The earnest money deposit will be accepted only in the shape as specified in detailed tender notice.

10. The tenders should be submitted only in the prescribed form supplied by the Department in sealed covers marked "TENDER" with name of work.

11. The Superintending Engineer, Designs and Marine Works Circle reserves to himself the right to reject any or all the tenders.

12. Tenders not complying with clauses 9 and 10 will be summarily rejected.

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

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It is fun and frolic for these 150 boys of the City Slums when the Police organised a 'camp fire' at Poodi Lake.

THE POLICE TEACH BOYS TO PLAN THEIR LEISURE

The Madras City Police was the first to initiate measures on the socio-economic front to combat juvenile delinquency. It was under the Presidentship of Thiru F.V. Arul, B.A., I.P., then Commissioner of Police, Madras City (now the Inspector-General of Police, Tamil Nadu) the first Club was founded under the name and style of "Madras City Children's Club" with a view to provide recreational and occupational facilities for the lower strata class of slum dwelling children in the age group of 7 to 17 years. This step was mainly intended to prevent the socially handicapped poor children falling prey to criminal and anti-social influences and to wean away their excessive leisure. Such Boys Clubs are now run by the Police in all District Headquarters.

The objects of the Boys Club include :

(a) providing children with facilities for healthy recreation as an alternative attraction to street corner,

(b) inculcating a sense of discipline and teach them morals,

(c) instructing them in the principles of good citizenship,

(d) encouraging talents in literature, art, music and other cultural activities.

With the above five principles in view, the first and second Boys Clubs of the City were

By

D. Rajadevan, M.A., B.L.,
B.COM. (HONS.),

Deputy Commissioner of Police,
Crime, Madras.

inaugurated by the then Home Minister, at Cox Square, Chintadripet in 1959 and Kasimanagar, Royapuram in 1960. The third Club was inaugurated during 1968 at Kodambakkam Pudur.

With a view to give a new rhythm in their activities, summer camp was arranged at Tonekela for a week during June, 1971 which the boys of the clubs enjoyed very much. They had outings, variety entertainments, good food, swimming facilities and a host of other entertainments. According to the Boys, it was a memorable occasion, for them. Thiru K. R. Shenai, I.P.S., Commissioner of Police distributed the prizes.

Even exceeding this initial event was the "Camp Fire" arranged

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for 150 boys of the three City Boys Clubs at Poondi on 9th and 10th July, of this year. This is easily the important event of this year. Under the able guidance of Thiru K. R. Shenai, I.P.S., Commissioner of Police, the Deputy Commissioner of Police, Crime, Thiru D. Rajadevan organised this function.

The well attended camp fire was an impressive success. Thiru F.V. Arul, Inspector-General of Police, who presided mentioned in his speech that the

boys were purposefully brought to this sylvan sanctuary so that they could fully relax and benefit from camp life. "The Police in addition to their arduous duties has a social service to perform. In helping such children to be weaned away from pernicious influences, the Police acts as a social service organisation," he said.

After the President's speech, prizes were distributed by the Inspector-General of Police to the winners in foot-ball, volley-ball,

carrom, chess, kabaddi, etc. This was followed by a variety entertainment. This comprised of light music, a skit on "Veera Pandia Katta Bomman" in which the boy who played the hero did his part with tremendous vigour and gusto. There was also mimicry of birds, hens, cats, dogs, cuckoos, etc., and it was very enjoyable. A boy clad in Col. Armstrong's Space Suit enacted the Moon Landing on 21st July, 1969 with meticulousness and won the admiration of the audience.

The boys provided a variety of entertainments and won prizes from the I. G. of Police.





THE TALE OF THE ANKLET

SILAPPATHIKARAM

Play by
M. KARUNANIDHI



FOREWORD

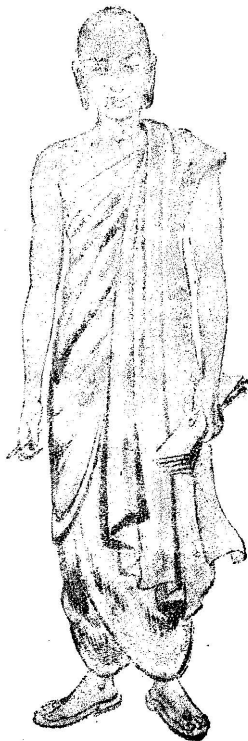
SILAPPATHIKARAM: The very name is scintillating—There is rhythm and melody in it, and just as 'the Silambu—the Anklet' contained gems of rare value, the Epic contains not a mere story but the very spirit of ancient Tamilagam.

The story itself is of a high order—it portrays two types of womanhood—**KANNAGI** and **MADHAVI**, the former bearing troubles and tribulations—tears and sighs due to separation from her husband, **KOVALAN**; the latter, a cultured damsel of dazzling beauty and delightful temperament, well versed in the Art of love, pure and noble—not a mercenary nor an embodiment of seduction and coquetry, but one who twined herself with Kovalan, with warmth and depth, and gave unto him her very soul.

Kovalan too is not of the usual type—the frivolous youth with tons of gold to squander— but a respectable young man, with an honoured place in society and hailing from a family of Merchant-Magnate.

Romance of the sweetest order—between Kovalan and Madhavi—their music and dance, unfolded in this classic does not bring before

Silappathikaram is one of the five fine classics of Tamil Literature. It was written by Ilango, a Prince turned ascetic. The story of Silappathikaram was turned into a Play "Poompuhar" by Thiru M. Karunanidhi. The English Translation of this Play was published under the title "Tale of the Anklet", and now it is being serialised in "Tamil Arasu". Given in this issue is the "Foreword" which Dr. C. N. Annadurai gave to the "Tale of the Anklet".



Ilango Adigal

us the life of a depraved young man and a despicable damsel, but the life of two lovers—we find not the crocodile catching its prey, but the Swan of the purest white, gliding in the rivulet with melodious movement.

It is not the story about the coquetry of a courtesan but the story of an abandonment of self—there is such a perfect reciprocity as between the two, that though reminded about the tear-laden eyes of Kannagi, the episode does not kindle feelings of nausea or irritation. What has happened, one is led to think, is something to be regretted but along with that we are led also to exclaim, what perfect combination! What a superb romance.

The very portrayal of such characters, unless it comes from a master-hand is bound to create feelings of disgust—but no, *Ilango*, the poet-prince of “Chera Nadu” handles the theme in so superb a manner that we, along with Kannagi, bear with patience and with no malice Kovalan’s sojourn into the “not-strictly” correct path.

The Romantic aspect leads us on to the side of poignancy and pathos. While Kovalan and Madhavi are entwined in the fragrance of the new-found love, we find Kannagi strong enough to bear the pang—not indifferent to what has happened to her—yet strong enough to bear the bleeding of her heart.

With what bright hopes, this damsel of no mean beauty began her wedded life with Kovalan!

“Gold with no blemish
Fragrance of the highest order
Pearls of the noblest type . . .”

—in such a vein does Kovalan put forth his love towards Kannagi—and yet, leaves her to pine for that love, while he enters into the mansion of music and dance.

No lover of the Tamil Classics can resist being inspired by *Silappathikaram*, one amongst the Five Fine Classics of Tamil Literature. *Ilango*’s magic touch makes every portion

of this engrossing Epic so true to nature that when one is reading *Silappathikaram*, he is taken to Ancient *Tamilagam*, with all the pageantry alive, Nature’s beauty laid before us, a veritable panorama of events and a parade of different types—and all pulsating with life—with brilliance all around.

It is most appropriate that *Thambi Karunanithi* should give us *Silappathikaram* in his own inimitable diction and under the caption “*Poompuhar*” for his command over the Tamil language and his mastery over the art of portrayal, so well-known and so well appreciated, gives him fit enough right to render *Silappathikaram* in the dramatic form—keeping the high standard of diction intact, and at the same time embellish it with certain interpretations of events so as to offer logical explanations to some of the events that appear to us as being inexplicable, nay even unwanted.

The part assigned to the Greek Merchant as having been instrumental for the episode that took Kovalan to Madhavi’s mansion, offers an appropriate explanation to Kovalan’s action. He did not allow himself to be enticed nor did he seek pleasure and frolic; he had to defend the fair name of *Tamilnad* and the fairest damsel from falling to the grip of an old man from Greece

“Why dont you meet Madhavi once,
my Lord! and convince
her that she is yearning for the impossible.”

It is this plea from Kannagi that takes an otherwise unwilling Kovalan to Madhavi’s abode—not the flame of sensuality kindled by Madhavi’s seductive beauty. He saw in her Art in its finest form nothing more. And circumstances not of his creation lead him to her abode—he goes to advise and remains to become a co-partner in a new life of sweet melody.

Another and a far more important interpretation to an event to be found in *Silappathikaram* is given in an able manner by *M. Karunanithi*.

It is well-known that Silappathikaram depicts the Chief Goldsmith of the Palace as the real offender and from that has sprung forth an impression which has affected the very self-respect of an entire community.

Though none can charge Ilango with that motive, the consequence of that has been, that the entire community was forced to bear odium.

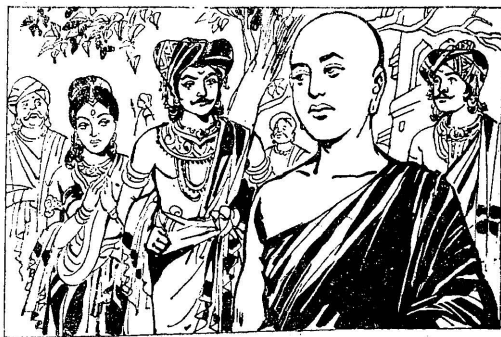
This odium Karunanithi has deftly removed, for as a firm believer in the maintenance of concord between various communities, he wanted to erase this blot. And this is done in his ' Poompuhar ' in an admirable way.

Not the Goldsmith, but a petty officer of the Royal household of Pandyan Nedunchezhan, is presented as the real culprit. This is done to maintain social justice and such interpretation to ancient episodes becomes quite justifiable and necessary—and it is done with the best of motives. And this has been admired and appreciated by not only the members of that maligned community but also authors who render ancient classics in modern form.

Apart from such deft handling, the entire rendering of the Epic, in prose form, is done in such an admirable way that neither the

fragrance nor the form found in Silappathikaram is lost—in fact the melody is there as sweet as Ilango gave it.

While the first part of Silappathikaram contains the life-story of a young man and a fair courtesan, the later part rises to a height that is breath-taking. Events march on with rapidity and dramatic turns. He who became immersed in Madhavi's beauty finds himself estranged ! What was once an abode of superb delight, becomes a place to be shunned. He returns—disillusioned—impoverished—conscious of the injustice meted out to his Kannagi—with remorse and regrets, with only one aim in life, to begin the conjugal life that was cut asunder, to lead a new life—with none other than Kannagi to claim him ! Tears of joy and hope come gushing forth during the scene depicted about Kovalan rejoining Kannagi. She did not wait in vain, here comes her Kovalan, back to life, back home—once again this home will become bright and happy, once again the delightful embrace and the sweet smile, home that has lost its brightness and has been engulfed in darkness and desolation is to become bright again—here comes Kovalan to lit once more the lamp of love. Tears no more Kannagi ! No more to pang ! Smile ! Laugh ! Dance



Ilango announces his renunciation of regal claims.

with delight! He whom you had lost, you have regained! No more need you be single and solitary, here comes Kovalan!—it is with such warmth and hope almost glee that we welcome the home-coming of Kovalan. And yet. . . . !

The Poet of the highest order, Ilango, takes us and them not to a new life and happiness regained, but to a scene, that brings forth tears of blood.

Karunanithi rises to great heights while portraying the pathos of Kannagi when she is confronted with Kovalan beheaded! What woman can bear the death of her husband! What woman can bear insult done to her husband! Here lies Kovalan, beheaded, falsely accused, hastily judged and savagely disposed of. What can a helpless Kannagi do! It is the Royal King who has been responsible for this. The deed is dastardly, but the author is no ordinary man, the powerful and well-learned Pandyan has ordered this.

Why? How?—screams forth Kannagi and her fury causes echoes that thrill one and all. She refuses to remain bemoaning the loss! She refuses to allow the blemish to stick on to the fair name of Kovalan. No. Justice should be established, Justice I shall get, thunders forth Kannagi, and dashes onward to the Royal Court, to demand Justice.

Kannagi's pleading, her arguments, her admonition as depicted by Karunanithi is thrilling and is so realistic, that we are tempted to join her in her anger, curse, accusation and admonition. The volcano erupts, the sea becomes stormy, the wailing widow becomes the supreme Law giver—King thou art not, Oh, Pandya! and King thou shall not be!—roars this 'Pathini'—the whole pent-up fury bursts forth. It is not easy for a writer to depict this faithfully and in fine form. Karunanithi has succeeded exceedingly well, in establishing his claim as a writer of superb style!

“ Speak my Lord
Speak but a word
Speak to Kannagi
Speak, your Kannagi has come. . . . ”

With tears flowing she screams and screams!
But then gets no response—he is dead. And then she says,

“ Thou speakest not
My Lord
But hear this,
Make I shall the
Whole world to speak
on your behalf. . . . ”

And Kannagi has made the world speak—not only the world of her day—but the world for all times to come.

Throughout, Karunanithi has kept up the easy flow, the elegance and the fragrance so essential for a classic.

Karunanithi's 'Poompuhar' rendered into English under the title "Tale of the Anklet"—is itself an anket—the gold of Ilango is there—and the workmanship of this writer of eminence is to be found in abundance.

Silappathikaram has got a theme of perennial interest—and its appeal is not confined to Tamilagam alone. It is a world subject—a classic of such a high order that it has a right to be acclaimed by the world of letters as a whole. The rendering of "Poompuhar" in English is timely and the author responsible for this deserves our admiration and congratulations. Mr. T. G. Narayanaswamy has done full justice to the subject and style to be found in "Poompuhar" of Karunanithi.

Karunanithi has done a fine service to Tamil literature by bringing forth 'Poompuhar' and the English rendering has made it possible for a wider domain than Tamilagam to get the thrill and message that Ilango Adigal offers through Silappathikaram.

If we have anyone thing to offer to the wide world as proof positive of the eminence we once held, it is the Tamil Classics, and of the Five Fine Classics, Silappathikaram is a gem of rare brilliance. And this English rendering fulfils a long-felt need and I have great pleasure in welcoming this English version of 'Poompuhar'. Let the fragrance of Poompuhar, the City of Flowers spread far and wide, and let the world realise the 'glory that was Tamilagam'—Long Live Tamil! Long live Tamilagam!

Madras,
9—1—1968.

C.N. ANNADURAI,
Chief Minister,
Government of Tamilnad.

A PLANNING COMMISSION

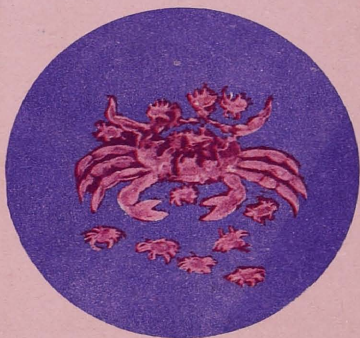
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EFFECTIVELY

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