

Famil Arasu

WORTNIGHTLY JAN 1st 1972 35 Ps



CONTRIBUTE YOUR MITE TO THE DEFENCE OF INDIA

Rapid Green
Revolution



Legal
Distribution
of Land to
the Poor



Slum
Clearance



Rehabilitation
of Beggars



Free Education
up to P.U.C.



Welfare of
Backward
Classes



**CAN YOU NOT
HELP THE
STATE ?**



*Despite these achievements
Rising Population Raises Problems*

SURELY YOU CAN

By PLANNING YOUR FAMILY

TAMILARASU -

DEPARTMENT OF HEALTH SERVICES AND FAMILY PLANNING

Many, Many Happy Returns of
the Day!



The Chief Minister greets Thiru K. Anbazhagan, Health Minister on his Fiftieth Birthday on 19-12-71.

COVER PAGE.

The Indian Soldier having gone through the ordeal by fire is respected for courage, consideration and character. He has obtained well-merited world recognition.

Tamil Arasu

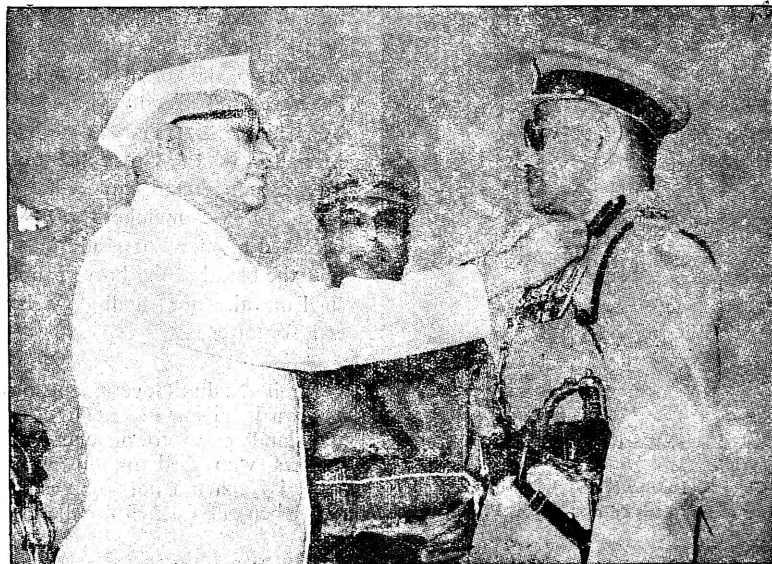
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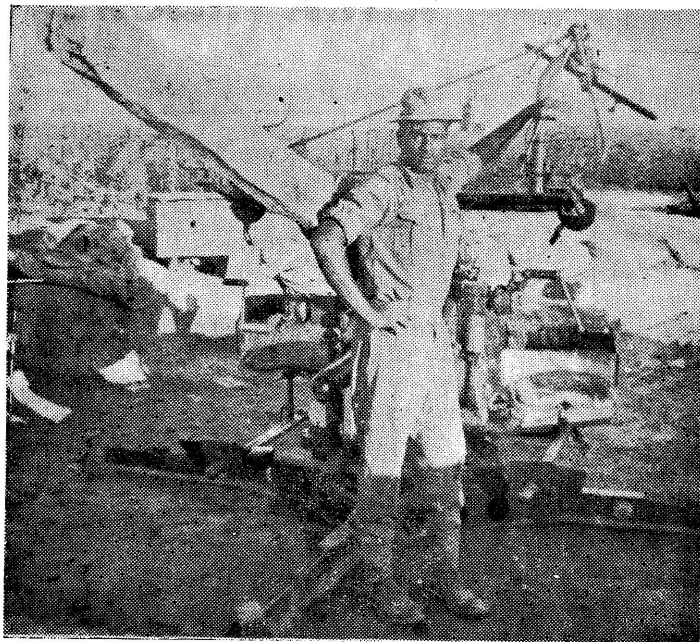
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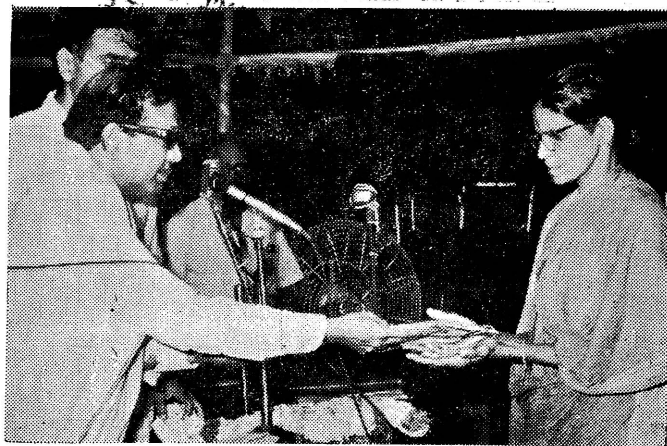


The Governor is presenting the President's Medal to Thiru K. R. Shenai, Commissioner of Police.

STANT WORKS M...
TAMIL ARASU P...
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MADRAS-600 002



Gunner Arumugam who downed a Pakistani Plane despite a head injury to which he later succumbed, has already become a legend. His wife who is equally brave gave birth to a posthumous female child which was named Indira at a Defence Day function in the presence of Thirumathi Sathiavani Muthu.

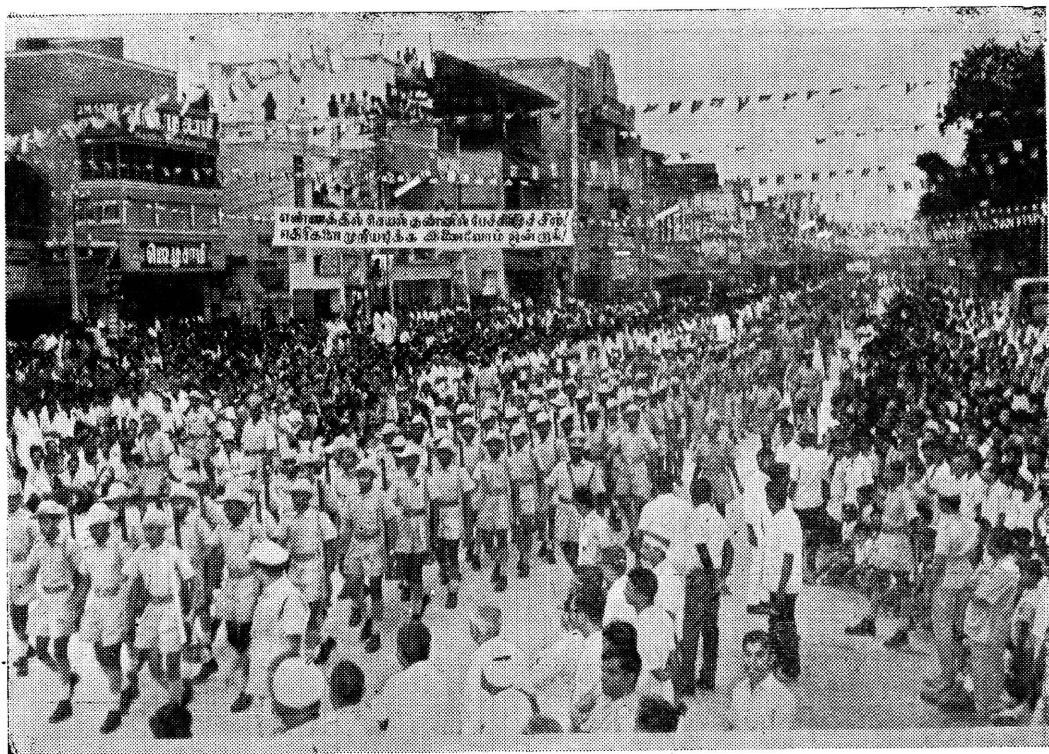


At Thiruvavur, on 26-12-71 the Chief Minister presented the cash award of Rs. 5,000 and land patta to the mother of war hero Thirukadaiyur Panduranga.

Tamil Nadu the Land of the Brave and Fearless Fighters

Out of 10 lakhs men in the Defence Forces of India nearly a tenth hail from Tamil Nadu. In the recent war with Pakistan Tamil Nadu has lost 40 brave men of her soil. Tamil Nadu is justly proud of them and members of the bereaved families have been individually contacted by Chief Minister and other Ministers of the Government of Tamil Nadu. Due care will be taken of the members of the bereaved families, to assure them that the blood of the brave is not shed in vain nor shall they be ever forgotten.

Tamil Nadu Government on its own is giving Rs. 5,000 cash and land patta to members of soldiers who died in this war. This is apart from the usual Army benefits to such families.



DEFENCE DAY PROCESSIONS ALL OVER TAMIL NADU

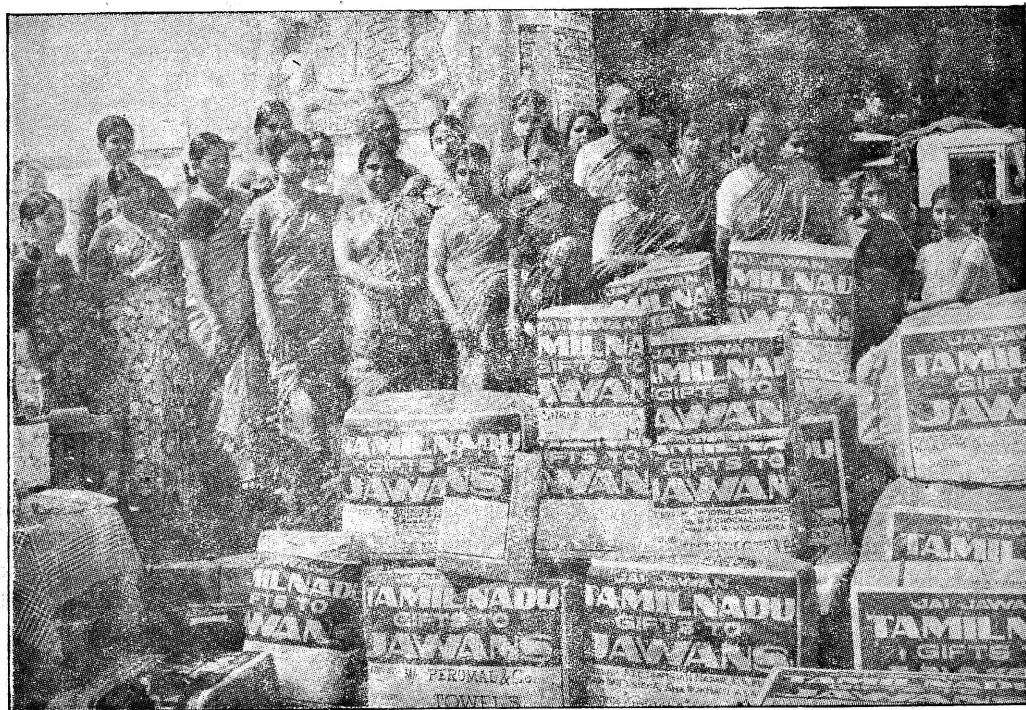
C. M. PLEDGES Rs. 10 CRORES FOR NATIONAL
DEFENCE FUND

Tamil Nadu went into tumultuous, yet orderly celebration of the country's achievement in the war front. The Chief Minister's call to step up collections to the tune of Rs. 10 crores for the National Defence Fund came as a sobering reminder that peace calls for an equal amount of sacrifice and that bravery is not confined to the war front ; but that we in the home front can be equally brave when the call for resources is made upon us. Picture above is a procession taken out in Madurai on 26—12—71 as part of Defence Day Celebration.



Gifts
for
Jawans
from
a
Grateful
Tamil Nadu

Thirumathi Dayalu Karunanidhi, wife of Chief Minister and wives of other Ministers as also prominent ladies made door-to-door collection for gifts.

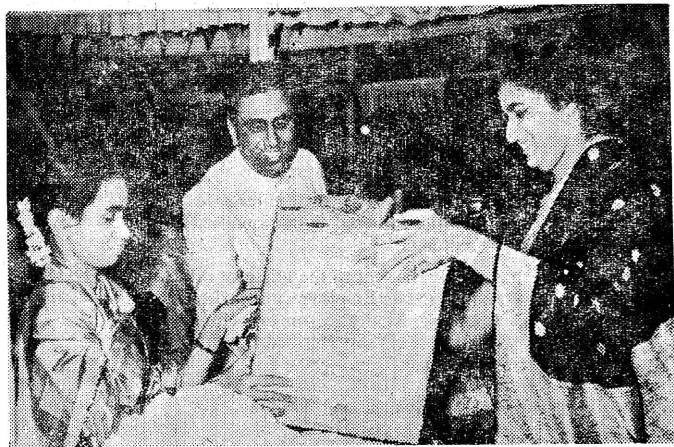


At the instance of the Defence Amenities Committee a State-wide campaign was launched to collect gift articles for the brave Defence Forces of India. In the City a group of ladies led by the wife of the Chief Minister, was able to collect nearly 6 truck loads of articles like woollen sweaters, hand-kerchiefs, off-duty apparel, pickled curries, coffee tins, and leisure utilities like playing cards, transistors, record-players and gramophone records. At a function organised in the City on 29-12-71, the gift articles were handed over to the Chief Minister who will hand them over personally to the Prime Minister at Delhi, as the first instalment of our affection for the brave defenders of our soil from wanton aggression.



Collection of such gift articles are continuing in all districts and intending donors may contact the Women's Welfare department for the nearest collection depot. The Collection depot for the city is located in the office of the Women's Welfare Department, where proper receipts are given for articles received.

The Committee feted the sailors of I.N.S. Vikrant when it docked at Madras Harbour on 31-12-71. Local cine artistes gave them not only the best of their performance, but also entertained the sailors to dinner in their own flight deck.



AN APPEAL TO UNEMPLOYED ENGINEERS IN TAMIL NADU

The State Expert Committee on Unemployment, set up by the Government of Tamil Nadu, intends to assess the exact extent of unemployment among engineering—graduates/post-graduates in engineering in Tamil Nadu. All unemployed engineering graduates, post-graduates in engineering in Tamil Nadu are requested to furnish the following particulars to assist the Committee in making a study of the problem in-depth :

- (i) Name in Block letters :—
- (ii) Address :
- (iii) (a) Qualification : (Please specify the branch of engineering, class secured and institution in which you studied).
- (iii) (b) Post-graduate qualification, if any (Please specify the subject of specialisation, class secured and institution) :
- (iv) Age and date of birth :
- (v) (a) Year of Graduation.
- (b) Year of obtaining post-graduate qualification :
- (vi) Details of work experience after graduation :
- (vii) Whether unemployed now and seeking work :
- (viii) Whether registered with the Employment Exchange and if so, the registration number :
- (ix) Whether at present,
 - (a) undergoing apprenticeship ;
 - (b) Self-employed ;
 - (c) engaged in family enterprise ;
 - (d) in part-time employment ;
 - (e) engaged in further studies ;
 - (f) contemplating to start your own enterprise, with loan facilities offered by nationalised banks to entrepreneurs ;

The particulars may kindly be sent to the Director of Employment and Training, (State Employment Market Information Unit), Chepauk, Madras-5, on or before 6th January, 1972 with the covers superscribed "Depth Study on Engineering Personnel" on the top.

No. 125. Director of Employment and Training,

AGRICULTURE DEPARTMENT

Auction Notice

A public auction will be conducted for the disposal of the condemned type tractors T.D. 14 No.. T.D. 9 1 No., T.D. 6, Nos. 2, T-6, 4, Nos., and surplus new spare parts, plough spares of Bulldozers and Tractors (W-6, T-6, TD 9, and T.D. 14) in the premises of Government Agricultural Implements Workshop at Pavithiramanickam, Elavangargudi Post, Tiruvarur, Thanjavur District, Tamilnadu at 3 p.m. on 17th January 1972. Also unserviceable spares of tractors and bulldozers (original value) worth of Rs. 5 lakhs will be sold in public auction on the same day at 10 a.m. intending bidders may participate in the auction.

Particulars regarding the list of surplus new spares, conditions of auction sale may be obtained from the above office on payment of Rs. 1.04 (Rupee one and paise four only) by Money Order or Demand Draft (not refundable) from 1st January 1972 to 11th January 1972.

The condemned vehicles and the unserviceable spares may be inspected at the above premises during any working day between the office hours.

The undersigned reserves full rights either to accept or to reject any of the bids without assigning any reasons thereof.

No. 123.

General Superintendent,
A.I.W., Tiruvarur.



Vice Admiral Krishna explaining
a Chinese made weapon to the
Chief Minister.

REASONS FOR THE ENHANCEMENT OF POWER RATES IN TAMIL NADU

General revision of the rates of supply of electricity by the Tamil Nadu Electricity Board was last made in December, 1964. Since then the operating and maintenance cost of the Electricity Board have gone up due to various factors including increase of wages as a result of Wage Board awards and cost of materials.

The Electricity Board has also to purchase power at fairly high cost from Kerala and Mysore to meet the increasing demand of the consumers and avoid power cut. The cost of Neyveli power has also increased from 1968. As a result of all these and further escalation in cost, the cost of power has increased since 1965 by about 40 per cent at the high tension end and 53 per cent at the low tension end.

The Electricity Board had been incurring substantial loss from year to year. In the face of emergency and the cut in the Plan provisions the Electricity Board and the State Government have to raise additional resources for implementing the Plan. The Government has, therefore, decided to revise and rationalise the tariff structure of the Electricity Board.

In doing so the Government has taken into consideration the recommendations of the working group appointed to examine the structure of tariff. The Working Group had appointed a sub-Committee under Dr. B. Natarajan to make specific recommendations. These have been kept

in mind in arriving at the final rationalised structure of tariff.

Revised Rates.

The revised rates are briefly indicated below.

High Tension Industrial Tariff.—Basic rate will be increased by 10 per cent and the present fuel surcharge in the thermal area and the 30 per cent surcharge in the hydel area will be merged in the tariff.

As regards high tension non-industrial tariff, the rates will be fixed at 25 per cent increase over the high tension industrial tariff as against the 20 per cent increase now obtaining.

Low Tension Tariff.—The overall rate for low tension agricultural service inclusive of tax will be fixed at 12 P per unit as against the present overall rate of 10·8 P per unit. This increase has become necessary as the cost of power at the low tension end is 20·2 P per unit. Even after the present increase, the Electricity Board will be suffering a loss of about Rs. 8 crores per annum for supply to agriculture.

The rates of some other States are much higher, i.e., they are 18 P in Maharashtra and Bihar. 16 P in Gujarat, Haryana and Assam. 15 P in UP and 12 P in Andhra Pradesh and Mysore. Compared to these rates, the rates in Tamil Nadu, even after increase, cannot be said to be high.

For low tension domestic supply, the overall rate inclusive of tax will be fixed at 35 P as against the existing rate of 35·2 P for the first 50 units and 30 P per unit for all in excess of 50 units per month.

The rate for domestic bulk supply will also be adjusted suitably.

The overall rate inclusive of tax and surcharge for general purpose low tension supply will be fixed at 45 P for the first 500 units as against the existing overall rate of 43·35 P for the first 100 units and 40·80 P for the next 400 units. The rates for all units in excess of 500 units will be fixed at 40 P per unit as against the existing overall rate of 39·25 P for the next 2,000 units and 33·15 P for over 2,500 units.

For low tension power load a flat rate of 18 P per unit inclusive of tax and surcharge will be fixed as against the obtaining overall rate of 16·20 P for the first 2,000 units and 14·08 P for all in excess of 2,000 units.

For low tension combined lighting and power load, an overall rate of 33 P per unit inclusive of surcharge and tax will be fixed as against the overall rate of 28·05 P now obtaining.

In respect of high tension supply 50 per cent of the electricity tax will be merged with the tariff and the remaining 50 per cent will continue as tax.

In regard to low tension supply the entire tax will be merged with the tariff.

The revised tariff will be applicable to the consumer to consumption from the date of taking meter reading on or after January 1972.

The Tamil Nadu Legislature expressed and extended its felicitations to Bangla Desh that has emerged after a heroic and historic Freedom struggle involving astonishing sacrifices and appalling tragedies, during its winter session, which curiously enough commenced on 4th December 1971.

The Assembly expressed its warm felicitations to the Prime Minister on having rendered humane help to Bangla Desh and on having taught a fitting lesson to the warmongers of Pakistan. The resolution read as follows :—

“This August House pays homage to all the valiant soldiers who sacrificed their life and limb in the war and saved their nation and helped the emancipation of a new nation.

This House strongly pleads that all nations must make efforts to secure the immediate release of the Freedom fighter and leader of the new born Bangla Desh, Mr. Mujibur Rahman”.

The non-co-operative and hostile attitude of countries like America was condemned and the helpful U.S.S.R. was appreciated by the House.

After the resolution was seconded by the leaders of all the political parties, the Chief Minister finally spoke as follows :—

“The Resolution introduced by me having been unanimously welcomed and seconded by the leaders of all political parties, I would like to express a few words.

When the banner of Free Bangla Desh was first hoisted, there was not even a fitting place for the historic event to take

TAMIL NADU ASSEMBLY HAILS BANGLA DESH

place, and the flag was first hoisted under the shadow of a tree in a garden.

When the freedom fighters named and nominated the President, Prime Minister and the Army Generals of Bangla Desh, they were mocked at by the discerning world with a ridiculing twinkle of eyes at their precocious dream of a new nation.

The photographs of the declaration function of the free Bangla Desh were published in newspapers and the scene is still visualised in our mind's eye, a table and a few broken chairs and a small audience to hear the leaders in a garden. The leaders have to-day become the protectors of more than six million people. Their flag that was hoisted in a place named after Mujibur is to-day fluttering over in Dacca, that was described by our Prime Minister as the free capital of a free country.

This is an evidence indicating to the world that though neglected, and depressed the freedom loving people shall one day democratically succeed, and realise their ideals.

Hon'ble Member Thirumathy Ananthanayaki said that the world has come to appreciate

the greatness of womanhood. Yes, of course, though belatedly, the world has come to do it. Some of the countries in the world did not pay heed to the appeals and efforts made by Prime Minister Indira Gandhi, yet she has taught a lesson to those countries that failed to respond to her appeal.

None should forget that though the war is fought in a remote corner of India, it will affect Tamil Nadu also. The States have all forgotten their differences and have united together as one man to defeat the enemy. The war is not actually fought in Tamil Nadu, yet Tamil Nadu is in the Warfront. To-day many of our Tamil soldiers have died in the battle field and their uniforms alone have been sent home, and we must remember that the tears of the bereaved mothers and wives must be wiped with tender solicitude that we show them.

War may end with victory but the post-war problems must be tackled wisely and we must also show that we are capable of doing it. As the Hon'ble Members of this House pointed out, all the legislators and the citizens must contribute their mite to help the soldiers. When the news of the death of a soldier is received, the Government intimates the authorities in the respective native areas of the late soldiers, and the officials go forward to console the bereaved family. Before the officials contact the bereaved family the representatives of the people like Panchayat Board member, President, Union Chairman, the local M.L.A., M.L.C. or M.P. may console the members of the soldier's family. Ministers must also go and console those families even before the officials do it. Then the members of the family

would be made to feel that though their son or brother died in the war, there are so many sons and brothers to help them, and the spirit of brotherhood and oneness will be roused to sacrifice one and all for the nation.

Tamil Nadu is known for her heroism and the heroic mothers immortalised in the Sangam Literature, 'Purananuru' are not buried with the past. Our gallant heroes are fighting in the war to save our nation and honour.

"Gymnasium to us is the battle-field of death And blood-perfumed is our heroic breath", sang our revolutionary poet Barathidasan. True to the poet's verse is our land full of valiant fighters who have sacrificed their life in this war. They have shed their blood and lost their limbs and we pay homage to those heroes on behalf of this House.

The Government has arranged to honour those heroic soldiers with awards and rewards and though these are all inadequate we do it in grateful recognition of their service and indicate that our sympathetic hearts are behind them.

Dr. Hande asked me to read the letter about gunner Arumugam, a valiant fighter from Tamil Nadu who died in the battle. As the letter will rouse the sympathetic feelings of the Hon'ble Members and make them appreciate the heroic fight of gunner Arumugham, I am going to read a portion of the letter. The letter is as follows :—

"Unfortunately gunner Arumugam got a bullet hit in his head while fighting this action but he carried on his duties until he fell dead, in the service of our motherland. His bravery

and courage has become an example and source of inspiration for the entire unit. Gunner Arumugam was recently married and leaves behind his widow who is understood to be in the family way. We are all concerned about her and are doing our best in all possible ways. However, I shall be very grateful if you could kindly keep a fatherly and protective hand on her and extend all possible assistance to her". (Since then, Arumugam's wife gave birth to a female child. Both mother and child are doing well.)

More and more of such letters may be received and thousands of Arumugams may die in the war. It is our responsibility to help the families of the Arumugams. Then alone the enemy will realise that the 55 crores of Indian people including 4½ crores of Tamils are actually fighting.

Even now, as I made it clear in my introductory speech, India has demonstrated beyond doubt that she has no designs on the territory of Pakistan and has voluntarily declared cease-fire. You can remember, I believe, that it was Pakistan that launched the aggression on our soil. Pakistan was the first to start the war. But India is the first to stop the war. If some of the nations that have taken unreasonable and unjust decisions against India fail to take to heart these facts and change their attitude, India is sure to teach them a lesson.

News from Newyork says that the neutral and just nations are on the side of India that has taken up the just cause. Extending our thanks to those neutral nations, I request that this resolution may be passed unanimously.

The resolution was passed unanimously.

GOVERNMENT OF TAMIL NADU

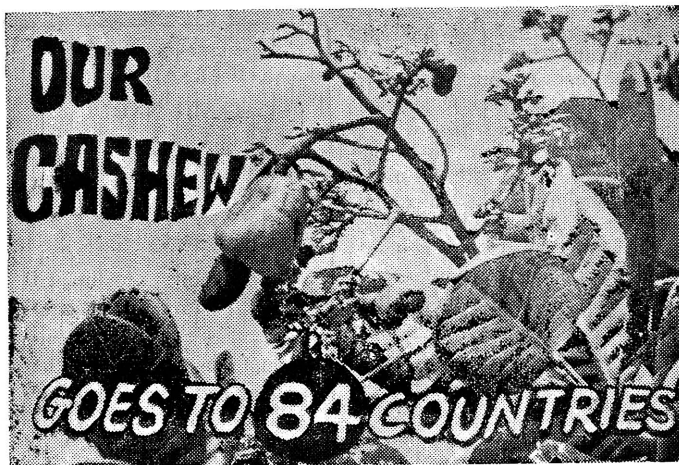
Public (Information & Public Relations) Department.

Applications are invited for the post of 'Commercial Accountant' in the Tamil Nadu Films Division in the scale of pay of Rs. 350—15—500—20—600. The candidates should possess a Degree in Commerce of any recognised University and should be below 30 years. They should have not less than two years of experience in any Commercial concern, preferably in the Film Industry. Persons with experience of Independent charge of Commercial Accounts in any Quasi-Government or in any Government Commercial undertakings will be preferred. Applications should reach the undersigned before 25th January 1972.

Those who are employed in Quasi-Government or Government Offices may be instructed to apply through Proper Channel.

**Director of Information &
Public Relations,
Public (I. & P.R.) Department,
Madras-9.**

No. 59.



To-day, cashewnut is a major foreign exchange earner for India, being exported to more than 50 countries. Though the cashew tree is met with in many other countries, till recently, only in India that raw cashewnut was collected and processed for marketing. We meet 84 per cent of the world demand for cashewnuts.

The cashew tree is native to North-Eastern Brazil where it occurs wild in extensive stands. In the 16th century Portuguese traders introduced the cashew tree into India, where it was planted along the shore to bind the soil and soon spread as an escape throughout India.

The cashew is now grown extensively in several parts of the country and occupies an area of about 2.6 lakh hectares. The cashew tree is drought-resistant and adaptable to different kinds of soils. It thrives under a variety of climatic conditions.

What distinguishes the cashew from other fruits is the growth of the nut at the apex of the

“apple”. This “apple” is the “false fruit”, the swollen peduncle or hypocarp commonly known as the “cashew apple”. The “cashew apple” is actually the receptacle for the true fruit, the cashew nut, which is lightly attached to its apex and which attains full size prior to the enlargement of the receptacle. The cashew apple is a juicy fruit rich in vitamin ‘C’—It is used to make vinegar, pickles, jam and beverages.

The cashew kernel, extracted from the raw nut has a delicious taste, pleasing flavour and high nutritive values. Cashew kernels are consumed raw or fried, salted or sugared, and is an ideal snack. It is also used as a flavouring in confectionaries. The cashewnut can be regarded as a complete food in itself or as a highly nutritive ingredient in other dishes. Compared to other edible nuts, it contains a lower percentage of carbohydrates, fat and alkalinity. This gives it a definite advantage over other nuts.

But it contains a very high percentage of vitamin A, B1, B2,

B6, D, E, PP and pentotenic acid.

Essential nutritive value of the cashewnut can be increased through careful roasting process. Recently, it has been made evident that the roasting or toasting process, besides increasing the characteristic aroma of the cashewnut, also provokes the formation of other important nutritive substances, for example, that of vitamin PP. In fact during roasting a part of the *Trigonella Faenum Graecum* L (an important food element widely diffused in vegetable matter) transforms into vitamin PP.

Another important factor has been brought to light in recent years, in that, the aroma have been better appreciated for their value as digestive assimilative stimuli. It is now recognised that the process of digestion not only takes place through ‘taste’ and by the secretion form the digestive glands but also by an enzymatic and bioregulative activity. Therefore on the basis of this new discovery, the cashewnut can be further appreciated for its aromatic value. In short, it may be stated that cashewnut is a precious shell of nutrition.

By-products.

The cashewnut yields a number of by-products of value to industries and in the export trade, the shell liquid being the most important. The nut has a shell of one-eighth inch thickness inside which is a soft honeycomb structure containing a dark reddish brown viscous liquid. It is called cashewnut shell liquid, which is the pericarp fluid of the cashewnut. Cashewnut shell liquid is used in the manufacture of paints, varnishes, lacquers, brake-linings, lubricating oils, etc.

The shell liquid can be converted into solid or semi-solid synthetic resins through polymerisation. The resins are used as raw materials in the paint and plastic industries. The liquid is also directly used as water-proofing agent and preservative on boats, fishing nets and light wood work.

The demand for cashewnut kernels in foreign markets started in early twenties. The first shipment of a little over 45 tonnes was sent to the United States in 1923. The demand for cashew kernels as well as its shell oil went up only during the last 25 years.

The export increased both in quantity and value since 1955 when the Cashew Export Promotion Council was set up. From 31,000 tonnes valued at nearly Rs. 13 crores in 1955-56, the export have risen to 64,500 tonnes valued at Rs. 61.9 crores in 1968-69. Both in terms of quantity of cashew kernels exported as well as the foreign exchange earned, the export during 1968-69 have been an all time record for the Indian Cashew Industry. During the year 1969-70 the exports of cashewnuts were fallen down to 60,627 tonnes valued at Rs. 57.42 crores. Export of cashew kernels form India during

the financial year 1970-71 again fallen down to 50,292 tonnes valued at Rs. 52.02 crores. This decline is due to the competition of some of the South African countries in cashew trade and inadequate import of African raw nuts.

Virtual Monopoly.

India although holds a virtual monopoly in cashew kernel trade in the world market, it depends heavily on the imports of raw nuts from East Africa, Tanzania and Kenya. The production of raw cashewnut in India is about

THE 24 APPROVED GRADES OF EXPORT CASHEW NUTS



one lakh tonnes. It is not sufficient to meet the full requirements of our 300 and odd cashew processing factories. Therefore, we had to import about two lakh tonnes of raw nut costing Rs. 30 crores annually from the East African countries like Tanzania and Mozambique. Failure of timely or adequate supplies paralysed Indian cashew Industry frequently.

Some of the African countries have started cashew processing factories adopting mechanical process. But we are using only the poor technology in the cashew Industry in India in which the operations are done manually that too with over 90 per cent women workers. With the perfection of mechanised processing in foreign countries, India is bound to face the danger of drastic reduction in imports.

Further, countries in Africa and the Far East and parts of Latin America are emerging as substantial growers of cashewnut using more efficient methods and will soon be able to outsell India, whose output remains static at about one lakh tonnes. It is therefore, absolutely necessary to step up indigenous production so as to achieve self sufficiency within a short span of time.

Cashewnut production in India has to increase, if we are to maintain the present level of exports. The more feasible method is to increase the per hectare production. This could be achieved through better plant types and adoption of a whole series of cultural practices.

It has been estimated, that an additional area of 2.4 lakh hectare is to be brought under cashew, if India is to maintain the level of exports at 65,000 tonnes per annum. Increasing

the area has certain limitations as it not only takes time but denies that much area to other crops or industries, forests or other equally important purposes, all of which compete for the diminishing remnant of land surface available. The quicker way would be to increase per hectare production and it has been estimated that if it is possible to stabilise tree yield at 12 kg., it holds out prospects of meeting our raw nut requirements from a much smaller area of fresh plantings.

Cashew in Tamil Nadu.

Tamil Nadu has not been lagging behind in this great national task. Prior to the States reorganisation, Madras was the most important cashew growing State in India. But subsequently, Malabar and South Kanara, the two west coast districts rich in cashew, were separated. From about 27,000 acres under cashew in the rest of the state then, the area has expanded to 1,77,000 acres now. The cashew Development programme was launched in Tamil Nadu in January 1959 with the main object of expansion of area under the crop by offering loan assistance and supply of quality seednuts, pesticides and fungicides. This scheme was continued during the Third Plan period as well and is being continued in the Fourth Plan also. The Government of Tamil Nadu is taking necessary steps to raise fresh cashew plantation in 26,000 acres during the Fourth Plan period.

Loans and Subsidy available for Cashew.

1. At present the loan assistance is at Rs. 150 per acre (Rs. 100 first instalment and Rs. 50 second instalment) subject to a maximum of Rs. 3,000

per individual recoverable in five instalments commencing from the sixth year of planting. This loan facilities have been made available for Panchayats, Co-operatives and Temples also.

2. Under cashew and coconut development in Tirunelveli District, the loan assistance is at Rs. 370 per acre subject to a maximum of Rs. 3,500 for both cashew and coconut crops per individual.

3. Quality seednuts are supplied by the Agriculture Department at reasonable rates.

4. Pesticides and fungicides are supplied to the cashew growers at 15 per cent subsidised rates by the Agricultural Department.

5. Sprayers and dusters are supplied to the cashew growers at subsidised rates through the panchayat Unions.

6. Sprayers and dusters are hired to ryots at nominal rates. In case of ryots who laid demonstration plots, sprayers are supplied for spraying operations at free of cost.

7. A subsidy of Rs. 300 per demonstration plot is being given to ryots. But the subsidy will be in kind, i.e., fertilisers and plant protection chemicals.

8. A subsidy of Rs. 25 (in kinds) per acre towards the cost of plant protection chemicals for two rounds of spraying is being given to cashew growers.

The Government of Tamil Nadu has started a Research station at Vridhachalam in South Arcot District to tackle the problems of cashew. Cashew was brought under the purview of the regulated markets. Tamil Nadu is playing her just part effectively in this great national endeavour.

Achievements and Aspirations of Tamil Nadu Electricity Board

(Speech of Thiru O. P. Raman, Minister for Electricity initiating the discussions in Tamil Nadu Legislature on the Annual Financial Statement for 1971-72 and the Supplementary Financial Statement for 1970-71 of the Tamil Nadu Electricity Board.)

Recognising that Power is indispensable for development in agriculture and industry, programmes for generation and distribution of power have been assigned greater importance in our Plans. At the beginning of the First Plan there were only three hydel and two thermal stations with a total installed capacity of 156 M.W. During the First Plan period, the installed capacity was increased to 256 M.W. During the Second Plan period, the installed capacity was more than doubled to 570 M.W. The major weakness of the power system in Tamil Nadu apart from pronounced shortage of power (as evidenced by excess of peak demand over effective capacity) was the preponderance of hydel capacity which rendered the grid particularly vulnerable in years of poor rainfall and this made us ponder over the possibility of tapping alternate sources. With a view to correct the imbalance between hydel and thermal power and to overcome the shortage of power, emphasis was laid in the Third Plan on taking up new thermal schemes for execution. As a result, the Third Plan period witnessed the commencement of work on the 340 M.W. Ennore Thermal

Station and also on the Madras Plant fourth stage extension scheme of 30 M.W. capacity and commissioning of 6 units at the Kundah Plants (245 M.W.), the Mettur Tunnel Scheme (200 M.W.), the fourth unit at Periyar Power House (35 M.W.), and one unit of the Parambikulam-Aliyar Project at Sarkarpathy (30 M.W.). With these, the installed capacity of the State Grid rose to 1,070 M.W., apart from the 300 M.W. thermal capacity at Neyveli.

The completion of the continuing schemes will naturally have to be given the first priority in the Fourth Plan. Keeping this objective in view, the Fourth Plan provides for investment, mostly on the continuing schemes for generation of power. Sizable allotments have also been made for Transmission and Distribution and Rural Electrification. The Plan also contemplates outlays for acquisition of electrical undertakings and investigation of new schemes.

The Fourth Plan envisages total outlay of Rs. 169.79 crores (excluding Rs. 18.75 crores under Rural Electrification to be met out of institutional loan finance). Out of this, an expenditure of Rs. 37.11 crores in 1969-70 and Rs. 30.13 crores in 1970-71 was incurred. The annual Plan for 1971-72 envisages an outlay of Rs. 26.76 crores. Of this, Rs. 939.40 lakhs will be on generation schemes while the outlay

for Transmission and Distribution and Rural Electrification programmes will be Rs. 750 lakhs and Rs. 875 lakhs respectively. A provision of Rs. 1,275 lakhs has also been made outside the Plan for rural electrification to be met out of institutional loan finance.

During the year 1970-71, an additional installed capacity of 85 M.W. was added to the Grid. This comprised of one 25 M.W. unit at Sholayar Power House-II, under the Parambikulam Hydro-Electric Scheme and the Second 60 M.W. unit at Ennore Thermal Power Station. The installed capacity in the grid is at present 2,075 M.W. including 600 M.W. at Neyveli. This is expected to increase to 2,185 M.W. by the end of 1971-72 with the addition of the first 110 M.W. unit (3rd Unit) at Ennore Thermal Power Station.

The State Grid is at present inter-connected with the neighbouring States of Kerala, Mysore and Andhra Pradesh by means of 230 K.V. lines. With the above 230 K.V. inter-State lines in service and the completion of Pamba-Kayathar and Ennore-Nellore 230 K.V. inter-State lines there would be more exchange of peaking power and energy among the Southern States during the Fourth Plan period, while in the Fifth Plan the integrated operations of the Power plans in the Southern Grid is expected to be achieved, with the resultant advantages to all the States of the region.

To develop the available power resources and make power available in a rational way at reduced cost and in abundance over the whole State, a vast net work of transmission and distribution lines covering the length and breadth of the State had been formed effectively. As on 31st March 1971 the Grid has 55,064 K.M. of E.H.T. and H.T. lines and 137,813 K.M. of L.T. lines. Power connections have been extended to 5,862 villages and hamlets during 1970-71 bringing the total number of villages and hamlets electrified 242, 229 during 1970-71. 59,268 agricultural pumpsets were energised making the total number of pumpsets energised as on 31st March 1971 to 530,044. Top Priority has been given for electrification of Harijan Colonies adjoining the villages. During 1970-71, 2,029 Harijan Colonies, the highest ever so far in a year, were electrified. Thus the number of Harijan Colonies electrified as on 1st April 1971 total to 11,905. It is programmed to electrify another 6,200 Harijan Colonies during 1971-72, and the balance during the period April 1972 to December 1972.

I would like to highlight the following special points in the Annual Financial Statement :—

I am glad to mention here that during the year 1970-71, the Rural Electrification Corporation Limited, approved seen rural Electrification schemes of the Board, costing Rs. 4.68 crores and disbursed a sum of Rs. 2.11 crores. During the current year, a further sum of Rs. 1.88 crores

is expected to be disbursed. The Board will continue to send schemes to the Rural Electrification Corporation, Ltd., for sanction of further loans.

Capital Expenditure.

For the year 1971-72, the Budget Estimate provides for a capital expenditure of Rs. 39.39 crores. This includes Rs. 8.75 crores for Rural Electrification under 'Normal' programme and Rs. 12.75 crores under the "Special Programme".

Out of the estimated revenue receipt of Rs. 67.02 crores, the expenses of power generation including fuel cost are estimated to need Rs. 8.86 crores. For purchase of power from Neyveli, Mysore and Kerala Rs. 16.12 crores have been provided. After the usual contributions to the Depreciation Reserve and other Reserves, and after providing for interest on loans taken from L.I.C. and Banks and from the public and for the other charges in accordance with the prescribed priority, a sum of Rs. 6.49 crores is expected to be available for payment of interest to the Government. Thus, the Board will be contributing to the Government's revenue receipt a sum of Rs. 6.49 crores.

The progress of the various power schemes under execution and those contemplated are briefly as follows : Works relating to Kodayar Hydro-Electric Scheme in Kanyakumari district have been completed and the first power house with an installed capacity of 60 M.W. and the second power house with an installed capacity

of 40 M.W. have been commissioned this year. The work on the Ennore Thermal Scheme is going apace and the 3rd unit of 110 M.W. capacity is expected to be commissioned in 1971-72 while the fourth unit will be put into operation in 1972-73.

New Power Schemes.

As regards other new schemes, the Naduvattam Diversion Scheme has already been taken up for execution. The scheme envisages diversion of the flows in the Naduvattam stream in the Nilgiris to the Pykara Reservoir resulting in additional generation of power at the existing Pykara and Moyar Power houses to the tune of 69 Million units per annum.

The Kundah Hydro-Electric Scheme (Fourth stage extensions) which provides for installation of a third 60 M.W. generating unit at the existing Kundah Power House No. 3 and a second 50 M.W. unit at the existing Kundah Power House No. 4, has already been approved by the Planning Commission. Arrangements are being made to have the generating units imported from Canada. All efforts are being made to ensure that this scheme is taken up soon and completed by March 1975.

Pandiyar-Punnampuzha Hydro-Electric Scheme with an installed capacity of 100 M.W. is yet another scheme approved by the Planning Commission. This will be taken up for execution as soon as a decision is taken regarding the diversion of tail-race waters of the Power House for irrigation in Tamil Nadu in consultation with the Government of Kerala.

Preliminary works are in progress for the installation of the fifth unit of 110 M.W. at Ennore. Orders have been placed on Messrs. Bharat Heavy Electricals, Ltd., Tiruchirappalli and Hyderabad for the supply of the Boiler and the generating machinery.

It is estimated that in 1980-81 there would be a shortfall of about 3000 M.W. The 235 M.W. Kalpakkam Atomic Power Station will be commissioned at the beginning of the Fifth Five-Year Plan. The Government of India have accepted the installation of a second 235 M.W. at Kalpakkam. Although surplus power is now available in the neighbouring States of Kerala and Mysore, it will be unwise to continue to depend on them as they may require all the power produced by them for their own use consequent on further agricultural and industrial development in their States. It is therefore obvious that we should take up additional power schemes in our State during the Fourth Plan itself in order to make up for the deficit expected at the end of the Fifth Plan. With this object in view, the State Government have been urging the Government of India for opening of a second mine cut and establishment of another power house of 600 M.W. capacity at Neyveli, and also installation of a thermal power station at Tuticorin of 600 M.W. capacity. Moreover, if the estimated shortfall in 1980-81 were to be wiped out and the supply of electrical energy stabilised, the establishment of a second atomic power station of at least 1000 M.W. capacity in one of the Southern districts of our State becomes a vital necessity.

The following hydro-electric schemes are also proposed to be taken up for execution during the Fourth Plan period itself for which Scheme reports have been forwarded to Government of India and the clearance from Central Water and Power Commission/Planning Commission is still awaited :—

(i) Surliyar Hydro-Electric Scheme in Madurai district (35 M.W. capacity).

(ii) Servalar Power House under Upper Thambaraparani Hydro-Electric Scheme in Tirunelveli district (35 M.W. capacity).

(iii) Kadamparai Pumped Storage Scheme (400 M.W.).

(iv) Nelliathurai Hydro-Electric Scheme in Coimbatore district (50 M.W. capacity).

(v) Paraliyar Hydro-Electric Scheme in Kanyakumari district (35 M.W. capacity).

(vi) Cholatipuzha Hydro-Electric Scheme in Nilgiris (60 M.W.).

The Transmission and Distribution Project for which a provision of Rs. 750 lakhs has been made involves construction of 230 K.V., 110 K.V. and 33 K.V. transmission lines and sub-stations for distribution of power. Enhancement of power transformer capacities at Sub-Stations, provision of carrier and V.H.F. equipments for communication and various improvements to transmission lines and sub-stations are also envisaged under this head. It is proposed to add 2600 K.M. of E.H.T. and H.T. lines during 1971-72.

If the benefit of planning should result in higher productivity and the resultant improvement in the standard of living, then the impact of technology has to be felt at the rural level. Of the total population in the State nearly 70 per cent live in villages. It follows, therefore, that for development activities to have real impact on the State's population, electricity must be brought within the convenient reach of rural man. The Government therefore, has been attaching great significance to the rural electrification work in the State.

Notwithstanding the uneconomic nature of most of the rural electrification schemes, outstanding progress has been and is being made in the electrification of

rural areas, especially in the matter of providing street lights and domestic services.

At the instance of Doctor Kalaignar, the Hon'ble Chief Minister of Tamil Nadu, a special programme of electrifying all the villages and hamlets in the State with street lights and domestic services by the end of 1972 was launched during October 1969. Under this programme, street lights are also being provided in the villages and hamlets already electrified by way of agricultural pumpsets only. During 1970-71, 10,016 villages and hamlets were provided with street lights by the Board, which is an all-time record. As on 31st March 1971, a total of 21,035 villages and hamlets in the State are yet to be provided with street lights which includes 697 villages and hamlets lying in the Licensees' areas. Out of the 20,338 villages and hamlets in the Board's area, it has been programmed to electrify 9,000 villages and hamlets during the year 1971-72 and the balance during the nine months period from April 1972 to December 1972. Besides, the tempo of energisation of pumpsets will also be kept up during this period. The Licensees have also been urged to complete the electrification of all villages and hamlets lying in their areas before December 1972.

During 1970-71, a significant achievement was that all villages and hamlets in the districts of Chingleput, North Arcot, Tirunelveli and the Nilgiris Electricity Systems were completely electrified. During this year it has been programmed to complete electrification of all villages and hamlets in the districts of Madurai, Coimbatore, South Arcot and Kanyakumari. The remaining six districts will also be completely electrified by the end of December 1972.

Concessions to the Employees

The Electricity Board is one of the largest employers in Tamil

Nadu employing over 84,000 persons comprising of various categories from unskilled labour to skilled artisans, Ministerial Staff, Supervisors, expert Engineers Accountants and others. It has been gratifying to note that all these various categories of personnel have been working as a team and the relationship between the Board and the employees has been harmonious and generally cordial during 1970-71, despite the multiplicity of trade unions.

All sections of employees benefited substantially as a result of the wage revision. Certain amendments to the Standing Orders for workmen has conferred a real benefit on a large number of temporary employees and Casual Workmen in projects and construction circles by way of liberalising the leave benefits and bringing them on a par with their counterparts in Operation and Maintenance System. The Board regularised a large number of temporary Junior Assistants, Typists and Cashiers numbering about 1,950 who were originally appointed on a temporary basis and allowed their continuance in employment by relaxing the Board's regulations. The benefits of C.P.F. have been extended with effect from 1st April 1969 to N.M.R. and T.C.L. workmen in Operation and Maintenance System who have worked for 240 days.

Eventhough a bonus of only 4 per cent was payable under the Bonus Act, as the Board was not making any profit, the Hon'ble Chief Minister was kind enough to order payment of bonus at 5 per cent to the Electricity Board Employees for 1970-71. The following other benefits were also extended to the employees of the Board by the Hon'ble Chief Minister. Temporary workers of the Board numbering about 31,000 will get an increase in wages of 25 Paise per day from June 1, 1971. The City Compensatory Allowance

as applicable to the State Government employees will be extended to the employees of the Board from June 1, 1971. With effect from June 1, 1971 the hill allowance will be raised to 10 per cent of pay. Travelling and daily allowances will also be raised from October 1. The demand for a special grade for cashiers and Store-keepers has been accepted.

With the increase in the number of services every year and the corresponding increase in load, the employment potential also goes up and I hope that employment opportunities may be provided for 25,000 employees in the various categories during the next five years.

Rationalisation of the Department

The need for reorganising the functional level staff primarily to avoid inconvenience to consumers, has been engaging the attention of the Board. With a view to achieving this object it has been decided that Divisional Engineers and Assistant Engineers of an Operating System would be entrusted with all the works like construction, operation, maintenance, commercial, etc., in their areas, instead of the present system of separate divisions and sub-divisions for construction and operation maintenance. The reorganisation on territorial basis has been implemented from 15th July this year in Madurai System. The same will be extended to other Systems as and when the Special Rural Electrification programmes are completed in the System concerned.

An expert sub-committee consisting of economists and officers has gone into the question of rationalisation of the entire tariff structure of the Board. The report is now under consideration of the Working Group constituted by the Government.

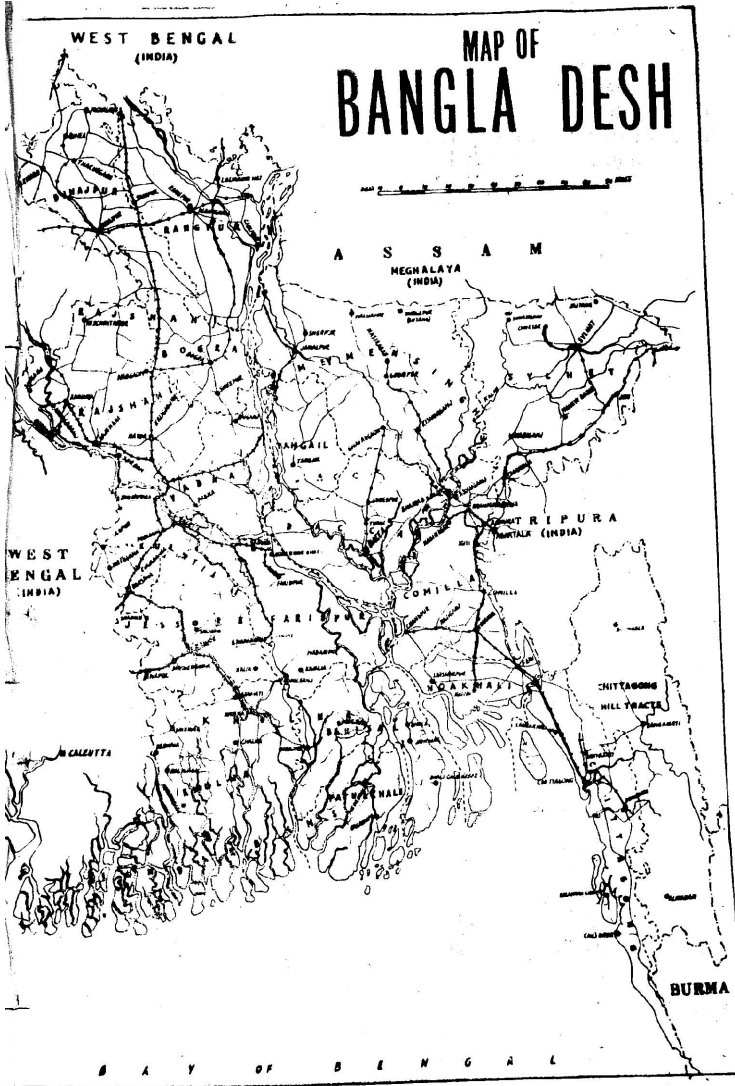
தமிழரசு

தமிழ்நாடு அரசின் திங்களறிநுழை ஏடு



1972 நாட்காட்டி

	சனவரி					பிப்ரவரி					மார்ச்					ஏப்ரல்				
ஞாயிறு	30	2	9	16	23	+	6	13	20	27	+	5	12	19	26	30	2	9	16	23
திங்கள்	31	3	10	17	24	+	7	14	21	28	+	6	13	20	27	+	3	10	17	24
செவ்வாய்	+	4	11	18	25	1	8	15	22	29	+	7	14	21	28	+	4	11	18	25
புதன்	+	5	12	19	26	2	9	16	23	+	1	8	15	22	29	+	5	12	19	26
வியாழன்	+	6	13	20	27	3	10	17	24	+	2	9	16	23	30	+	6	13	20	27
வெள்ளி	+	7	14	21	28	4	11	18	25	+	3	10	17	24	31	+	7	14	21	28
சனி	1	8	15	22	29	5	12	19	26	+	4	11	18	25	+	1	8	15	22	29
	மே					கூன்					கூலை					ஆகஸ்ட்				
ஞாயிறு	+	7	14	21	28	+	4	11	18	25	30	2	9	16	23	+	6	13	20	27
திங்கள்	1	8	15	22	29	+	5	12	19	26	31	3	10	17	24	+	7	14	21	28
செவ்வாய்	2	9	16	23	30	+	6	13	20	27	+	4	11	18	25	1	8	15	22	29
புதன்	3	10	17	24	31	+	7	14	21	28	+	5	12	19	26	2	9	16	23	30
வியாழன்	4	11	18	25	+	1	8	15	22	29	+	6	13	20	27	3	10	17	24	31
வெள்ளி	5	12	19	26	+	2	9	16	23	30	+	7	14	21	28	4	11	18	25	+
சனி	6	13	20	27	+	3	10	17	24	+	1	8	15	22	29	5	12	19	26	+
	செப்டம்பர்					அக்டோபர்					நவம்பர்					டிசம்பர்				
ஞாயிறு	+	3	10	17	24	1	8	15	22	29	+	5	12	19	26	31	3	10	17	24
திங்கள்	+	4	11	18	25	2	9	16	23	30	+	6	13	20	27	+	4	11	18	25
செவ்வாய்	+	5	12	19	26	3	10	17	24	31	+	7	14	21	28	+	5	12	19	26
புதன்	+	6	13	20	27	4	11	18	25	+	1	8	15	22	29	+	6	13	20	27
வியாழன்	+	7	14	21	28	5	12	19	26	+	2	9	16	23	30	+	7	14	21	28
வெள்ளி	1	8	15	22	29	6	13	20	27	+	3	10	17	24	+	1	8	15	22	29
சனி	2	9	16	23	30	7	14	21	28	+	4	11	18	25	+	2	9	16	23	30



Geography of Bangla Desh

The Independent, Sovereign State of Bangla Desh, with an area of 143,000 square kilometres (55,000 square miles) and a population of about 7.5 crores, lies between the Indian State of West Bengal to its north and west, the Indian State of Assam to its north and north-east, the Union Territory of Tripura to its east and Burma to its south-east.

Bangla Desh has a land and sea frontier of about 4,712 km. as detailed under the Map.

The population of Bangla Desh according to the 1961 census was 50·84 millions (26,349,000 males and 24,491,000 females). The demographic distribution of different religious groups was : Muslims 80·43 per cent, Hindus including Scheduled Castes 18·45 per cent, Christians 0·29 per cent, Buddhists 0·74 per cent and others 0·09 per cent.

The density of population per sq. km. was 356 persons. The population of Dacca in 1961 was 557,000.

The 1971 pre-Independence population of Bangla Desh, estimated at about 7·5 crores, exceeded that of as many as 88 number-States of the United Nations.

Physical features.

Bangla Desh consists mainly of vast alluvial plains with only marginal hills in the east and south-east.

The plains area can be roughly divided into (1) the Plain of the Delta ; (2) the Plain along and adjoining the Jamuna-Padma-Megana rivers ; (3) the North Bengal Plain ; (4) the Mymensingh Sylhet Plain and (5) the Tinna-Noakhali-Chittagong

(In kilometres.)

	River boundary.	Hill boundary.	Plain field boundary.	Total boundary.
1 Between Bangla Desh and West Bengal	352	..	1,572	1,925
2 Between Bangla Desh and Assam	303	599	890	1,791
3 Between Bangla Desh and Burma	74	196	10	280
4 Boundary by sea	..	..	..	716
Total boundary	729	795	2,472	4,712

Hills are found only along a part of the eastern margin of the plains in Sylhet (both north and south) and in the south-eastern corner in the districts of Chittagong and Chittagong hills tracts.

River System

This network of rivers plays an important role in the economic life of the people of Bangla Desh. They serve to water the plains, serve as drainage channels, ensure an abundant supply of fish and provide inexpensive and convenient means of transport and communication.

The Rivers of Bangla Desh can be divided into five systems, namely, (1) the *Ganga* or the *Padma* and its deltaic systems; (2) the *Meghna* and the *Surma* system; (3) the Brahmaputra's effluents and channels; (4) the North Bengal rivers and (5) the rivers of Chittagong hill tracts and adjoining plains.

Climate and Rainfall

Bangla Desh, generally has a tropical-monsoon climate with an excess of humidity. The temperature is moderately high for about eight months in the year with no extremes of heat and cold. The short winter lasts from about the end of November to the middle of February.

Heavy rainfall is characteristic of this land. With the exception of western parts of Rajshahi and Kushtia districts, where the annual rainfall is about 55 inches, no other part receives a rainfall of less than 60 inches. A large area in the south and south-east, comprising Khulna, Barisal, Noakhali, Comilla and Chittagong hill tracts, and to the north-east and north including Sylhet, Mymensingh, Rangpur and northern Dinajpur, receives from 80 to 100 inches of rainfall a year. The south-eastern extremity, the Cox's Bazar area, gets about 140 inches and north-eastern portions of Sylhet district receive from 150 to 200 inches.

The monsoon in Bangla Desh generally signifies rain from June to September or early October. For most of the area July is the rainiest month with slightly lower figures for June and August.

Seasonal rainfall is an important factor in crop production in Bangla Desh. Indeed the success or the failure of two major rice crops of *aman* (winter harvest) and *aus* (summer harvest) and of jute is inextricably linked with climatic and physiographic aspects.

The pre-monsoon months are characterised by frequent violent thunderstorms popularly known as '*Kol Baisakhi*' (calamities of the month of Baisakh, i.e., April-May).

The Fauna of Bangla Desh

Bangla Desh possesses a great abundance of wild life, including big game which is largely concentrated in jungles. It is estimated that there are 200 species of mammals, 750 of birds, 150 of raptiles and 200 of marine and fresh water fish.

Bengal tigers are found in the Sundarbans, marine crocodiles along the sea-shore of Barisal and Khulna, elephant herds roam in the forests of Chittagong and north-eastern Sylhet, and leopards and various other species of the large cats are most common in the eastern Chittagong region.

Agriculture

Agriculture is of basic importance to Bangla Desh, because it provides most of its food requirements and gives employment to an overwhelming majority of its rural population. It also furnishes raw materials which constitute the backbone of the Bangla Desh economy. Out of the total area of 35.3 million acres, about 22.4 million acres (63 per cent of the total) used to be under cultivation; 5.3 million acres (15 per cent) under forests; 6.5 million acres (18 per cent) uncultivated and 1.1

million acres (4 per cent) cultivable waste.

Among the food crops, rice is the most important. The annual average production of rice used to be over 10 million tons (10,995,000) tons in 1967-68. Other major crops include sugarcane (7.6 million tons), wheat (58,000 tons), gram (47,000 tons) and tea (29,000 tons).

Bangla Desh produces about 80 per cent of the world's production of raw jute; the area under jute in 1967-68 was about 2.40 million acres and the production 1,223,000 tons.

Forests

The total area under forests is 22,000 sq. km., with an annual output of timber of nearly 15 million cubic feet. Among minor forest products are 76.5 million stems of bamboos and 6,500 maunds of honey annually.

Fishery

Bangla Desh is preeminently a fish producing area and possesses great possibilities for the manufacture of various oils and fish products. The estimated annual production of fish is about 65,000 metric tons.

Industry

About 11,100 industrial establishments employed a little over 2 lakh workers in 1966-67. Of these, the more important ones were 22 textile mills, 7 sugar factories, 18 match factories, 7 glass works, 178 hosiery factories, a paper mill, 29 jute mills, 28 aluminium works and a cement factory. There were also a newsprint factory, a fertilizer factory, a shipyard and a dockyard. Jute factories, in 1966-67, had 15,614 looms and produced 403,700 tonnes, of which 80 per cent was exported. Production of cotton fabrics totalled 70.6 million yards in 1966-67, and of cotton yarn 74.3 million lbs. Production of paper in 1966-67 was 26,500 tons and of newsprint 36,500 tons.

CARE OF CHILDREN'S HEALTH

Remember :

A large section of the population suffers from malnutrition. Why ? Because their diet suffers from insufficiency of the essential items of supplementary and protective foods such as proteins, vitamins and minerals.

A housewife may feel that a balanced diet is an expensive diet! It need not necessarily be so. She can fit this in the limited budget available at her disposal by preparing low-cost balanced diets and avoiding waste. Certain desirable changes in food habits would also give encouraging results.

The children of today, are the leaders of tomorrow. What your child is tomorrow, depends, to a large extent, on what you feed him today, and what you fed him yesterday. Yes, unseen by you, the child's brain is slowly developing right from the time he is conceived. By five years of age, 9/10ths of the brain has already developed. Only a diet that is properly balanced can ensure the steady and healthy growth of the child's brain and body.

What is a balanced diet ?

Each food you eat offers a certain nutritive value, depending on how much it contains of the 5 major ingredients of nutrition—Proteins, Fats, Carbohydrates, Vitamins and Minerals. A diet that gives you the right amount of all these ingredients in the correct proportions, is called a balanced diet. During pregnancy, while nursing, and in early childhood, special demands are made on the body, and the need for a balanced diet is the greatest.

Certain methods of cooking foods by prolonged boiling, etc., result in considerable loss of proteins, vitamins and minerals. Scientific methods of preparation and utilisation of food help in preventing these losses.

The Five Basic Ingredients of Good Nutrition :

Proteins are essential body builders. Most of the cells in your body and brain are built from proteins. Proteins regulate body processes, provide resistance to infection. All living matter contains proteins. Protein is life itself and this is available in abundance quantity and quality in eggs, dal and pulses, meat, fish, groundnuts and beans, milk products, fortified bread (like Modern Bread), rice with dal (khichri or iddlies), fortified atta, balahar, multipurpose food, etc.

Carbohydrates is the body's basic fuel. They are the most commonly found and inexpensive

sources of energy. Potatoes and other roots, sugar, jaggery, sweets Cereals (iddlies, chappatis, bread, rice), bananas provide us with abundance supply of Carbohydrates.

Fats like carbohydrates, also provide energy. But, weight for weight, they deliver twice as much energy as Carbohydrates. Fats are also essential for absorbing important nutrients, like Vitamin A, which may be got in oil-seeds, vegetable oils, coconut, whole milk, fat (butter, ghee, meat fats) and nuts.

Vitamins are substances that are required in small quantities by the human body. But vitally necessary because the body cannot function properly without them. Vitamin A is essential for good eyesight. Vitamin B Complex is necessary for utilisation of Carbohydrates and for prevention of diseases like 'beri beri', 'pellagra', anaemia and certain skin disorders. B Complex includes vitamins like thiamine, riboflavin, niacin, pantothenic acid and B12. Vitamin C builds resistance to infection. Vitamin D is for strong bones and teeth. Vitamin A is to be got in milk and milk products, butter, eggs, animal liver, spinach, carrots, mango, papaya, tomato, fish-liver oil ; Vitamin B Complex abounds in foodgrains, nuts, pork mutton, liver, fish, fresh peas and beans, potato yeast, fortified bread, bajra, parboiled rice, lentils, milk ; Vitamin C can be had from amla (Indian gooseberry), citrus fruit (lime and orange) pineapple, guava, papaya, cashew fruits, leafy vegetables (cabbage, cauliflower, radish) tomato, drumstick leaves ; and Vitamin D is abundant in sunshine, eggs, milk and milk products, fish-lives oil.

Minerals are equally important to good health. Some of the important mineral nutrients include calcium, phosphorus, potassium, sulphur, sodium, iodine, flourine, chlorine, magnesium and iron. They help regulate important body balances—water balance, acid balance and oxygen balance. Also, iron is absolutely essential for health blood, and calcium for bones. Minerals are got in milk and milk products, fish, dried fruits and leafy vegetables, cereals, oil seeds, ragi, fortified foods like Modern Bread, Balahar, etc.

The Four Critical stages in your Child's growth.

Before birth.—During the full nine months the baby is in your womb, his well-being depends completely on your diet. It is at this time that your nutritional requirements are increased as your body has to sustain itself as well as nourish the child.

The importance of proteins at this stage cannot be over-emphasised. Lack of proteins in your diet can permanently impair the formation of your baby's brain body tissues. It can lead to both mental and physical retardation. And cause further complications in your baby's health after birth.

As the need for extra proteins is the greatest your diet should include a large amount of milk, curds, cheese, eggs, meat or special protein preparation, etc. Green leafy and other vegetables, and fresh fruits are also necessary for their vitamin and mineral content.

Birth to six months.—Till your baby is six months old your milk

is certainly the best food for him. But remember, he can only be as well fed as you are, for the nourishment in your milk depends on the nourishment you take. During the lactation period, the need for a nutritious, well-balanced diet is greater, as your body has to sustain itself as well as nourish your child.

Added amounts of proteins, carbohydrates, Vitamins and fats are required. A large amount of milk and milk products, vegetables, eggs, meat, fish, rice, wheat and other cereals, fresh fruit juices, should comprise the major part of your diet.

It is probably at this time that your baby is closest to you, and needs you all the time he's awake. A schedule of his feeding times should be slowly formed, because it is advisable to train your baby to a regular feeding schedule from the start.

By making a schedule, you not only discipline your baby, but also make it easier for yourself. A baby fed regularly and receiving a sufficient amount of breast milk, needs little else to keep him healthy and happy for the first few months.

After your baby is two months old, he needs increased amounts of certain nutrients, not available in breast milk, which are necessary for the formation of strong bones and teeth. You should give him a little fruit juice for extra vitamins. Plus a little egg, any cereal and soup. These additions in your baby's diet are specially necessary if you are not feeding him yourself. Multi-vitamin drops and cod-liver oil are also essential for your baby,

especially in winter. You should give Vitamin C drops too. They protect the child from coughs and colds.

Your baby should also be given some boiled, cooled water before he is put to bed at night. This is all the more important in summer.

Between six months and one year.

After the first six months, your milk is not able to provide sufficient amounts of all the nutrients needed to maintain your baby's growth. By this time the output of mother's milk diminishes.

A recent survey showed that Indian mothers tend to overlook this fact and insist on feeding their babies, sometimes up to 18 months. If your baby is to maintain the expected rate of growth and remain healthy and well-nourished, supplementary feeding has to be resorted to from about the sixth month. Your baby should be slowly trained to take animal milk. He should be given at least 16 ounces or 2 glasses of animal milk right through early and late childhood. Fresh fruit juice such as orange juice should also be given. It serves to supplement some of the protective nutrients not present in milk. Mashed, boiled vegetables, soft khichri, egg, mashed bananas can also be added to your baby's diet, around the 7th or 8th month.

When your baby starts cutting his teeth, it is time to change him over to chopped or lumpy food. Chopped vegetables, minced, meat, soft cooked rice and a piece of toast or hard biscuit would be ideal for him to

chew. Don't forget the need for plenty of water. It is also better to allow your baby some choice in his food. A baby's appetite varies from meal to meal and from day to day. There is no harm in occasionally allowing your baby to eat larger amount of some food he prefers. Neither should you worry when your baby develops a temporary dislike to any particular food. Forcing him to eat can lead to vomiting, and unnecessarily upset your baby.

Teething, a cold or other minor illnesses may have affected his appetite. If his appetite does not return to normal soon, it is advisable to consult a doctor.

Between one and five years.

All the rest of your child's life will only be as complete as the diet he gets during these important years. There should be a fairly strict feeding schedule, without either too long or too short an interval between successive feeds. As your child grows, his meal times can follow those of the rest of the family. The foods your child needs now can be classified under four groups. This provides an idea of the relative importance of the different types of foods his diet should contain.

Group I: Milk, at least 2 glasses a day. Dal, beans, meat or fish boiled, at least once a day. Egg prepared in any form-one a day or a minimum of four eggs a week. These are sources for the body-building proteins.

Group II and III: Green leafy and other vegetables, cooked, twice a day. Fruit stewed, mashed or as juice, once a day. Extra fruit may be substituted for

vegetables and vice versa. These are the vitamins and minerals for protection and resistance against infection.

Group IV: Two servings of rice or wheat, bread and potatoes twice a day. These are the energy giving carbohydrates. One teaspoon a day of fish liveroil should also be given. As your child is now using up a great deal of physical energy, the carbohydrate content in his diet should be increased. It is advisable not to give the following foods to children below 5 years of age:

1. Over-pungent curries and highly spiced dishes.
2. Fried or roasted foods of any kind.

3. Excess sugar, sweet foods and sweet meats.

4. Tea, coffee and other stimulants.

Build the foundation of your child's health in the first five crucial years.

It is vitally important to plan your child's diet with care, from the very beginning, and to give him the proper nutritious foods, that he needs. With just a little planning you can get a good balance in both your child's existing diet and your own. The symptoms of malnutrition may show only when it is too late. Act now! And ensure a bright future for your child.

(Low-cost recipes in next issue.)

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FROM HARAPPA TO VRIDHACHALAM

IS IT A FAR CRY ?

Pottery has grown with man. The ceramic pottery of Harappa testify to this fact. The Harappan pottery is essentially symbolic though embellished with skilful patterns. But pottery as an art has survived only because it produced utility articles. But when we see the simple tools of the potter, even the ordinary clay pot assumes the proportions of a work of art. Outside the utilitarian field, the Indian potter has truly revelled in an exuberance of classical forms displaying amazingly mature tastes, if we take our terrecotta art forms also into account.

It was however given to the Moghuls to give pottery a new meaning and they were responsible for the introduction of art-ware in pottery and to this end they introduced glazing to the potter's craft. The cultural impact of

Babylon and Ninevah gave us glazed tiles and table-ware of glazed clay. Even the Karigiri (North Arcot district) glazed pottery-ware is attributed to the influence of the Arcot Nawabs. South Indian pottery is chiefly of plain terracotta in red and comes in graceful shapes. The articles are purely utilitarian in nature. The high water mark of utility pottery-ware is reached in the 3-piece refrigerator tubs made by potters in Karu Kurichi in Tirunelveli District.

In spite of the very simple tools available to him, the South Indian potter has managed to project remarkable artistic qualities in his pottery-ware. Beauty of form gains precedence over colour and ornamentation ! The exception, of course, is the Moghul influenced Karigiri potter who imparts intricate ornamentation and

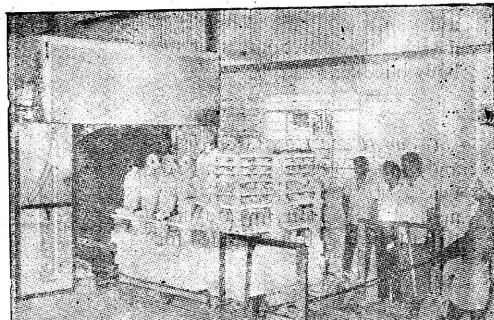
glazing, even in an ordinary water jug.

The creative instinct of the potter and his amazing skill in exploiting the potentialities of symmetry have stood him in good stead from Harappa to this day. The only difference today is that the art of glazing or ceramics has given him a wider avenue. Ceramics is a big industry which exploits the innate skill of the potter to the utilities of present day civilization. Sanitary fittings and electric insulation are two avenues which exercise considerable demands on ceramics.

China clay, the basic raw material of ceramics was found to occur in large quantities in the Neyveli area and Vridhachalam became, therefore, the focal point of a large ceramic industry, a good number in the private sector. The foundation



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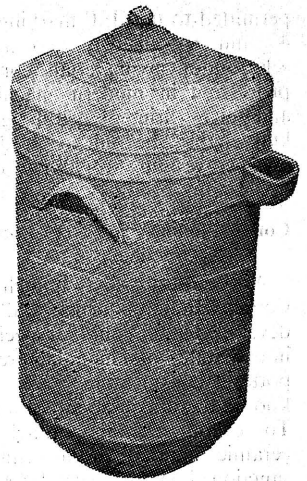


for this large growth however was laid by the Tamil Nadu Government when in 1959 it established the Ceramic Factory-cum-Training Centre. The trainees of this centre are able to make almost all the ceramic units which have sprung up around Vridhachalam. In fact the biggest ceramic based industry established with foreign collaboration, the W. S. Insulators, offers every year awards to the best of the Vridhachalam trainees. This has established an enviable rapport between industry and technical training. The humble potter is becoming the hub of a prosperous new industry, in the State. The ceramic training includes teaching of subjects like, Chemistry, Physics, Geology, Book-keeping, Factory laws, Industrial Relations, Business Management, Machine Drawing Furnace Designing, etc. Great care is taken to see that the students who undergo training in this school get ample opportunity to work in the commercial units. This enables them to familiarise themselves thoroughly with the various types of raw-materials, methods of manufacture employed and to surmount normal technical difficulties.

The ceramic laboratories attached to the school undertakes twisting of war-materials, development of new products, testing of finished products, etc. Development of carbon crucibles with locally available raw-materials, development of colours for facing bricks, insulators for waters, wire wound resistors, fire clay crucibles with high thermal shock resistances, ceramic spoons to replace imported ones, ceramic bases are some of the important works done in the ceramic training school.

Not content with providing the skilled manpower for the new industry, the Ceramic Factory has also branched out into glazed pottery utilities and when these were put on sale in Delhi recently they took the capital by storm as it were. The salt-glazed pipe factory started with German collaboration is standing firm against the P.V.C. incursion into its markets. So much so, the department has been able to found a functional industrial estate for ceramic units in Vridhachalam which provides common facilities to 30 small entrepreneurs.

Old craft provides modern needs.



The poor man's refrigerator.

The Salt-glazed pipe factory went into production in 1964. Stoneware pipes ranging from 4" dia up to 15" dia-pipes are manufactured in this unit. Pipes from Vridhachalam have earned a name in the market for high gloss, very low porosity, fine finish and good resistance to acid solubility. They easily withstand hydraulic pressure exceeding 50 lbs/sq. inch as against a minimum 20 lbs/sq. inch specified. The Salt-glazed Pipe Factory at Vridhachalam is the only unit in South at present



permitted to use 'ISI' marking on 4" and 6" dia pipes. Careful selection of raw materials, correct processing in modern machines and perfect firing in well designed kilns enable the unit to produce an average up to 90 per cent first quality products.

Commissioning of Art Pottery Section.

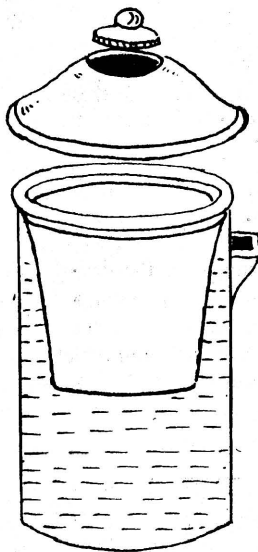
Art Pottery is a branch of Ceramic Industry which had not developed in the country especially in our State. To manufacture art pottery considerable technical knowledge and skill is required. To encourage this branch of ceramic industry, Government sanctioned in February 1960 the setting up of a small Art Pottery Unit at Vriddhachalam to function as a section of the main ceramic factory.

The Unit was commissioned in 1965. This unit recruits every year 15 students, who have some aptitude in art. They are taught modelling, moulding, casting, glazing, firing, decoration, etc. The artists employed as regular staff of this unit are recruited from those who have come out with merit from the College of Arts and Crafts, Madras. After intensive training they are able to evolve beautiful designs in art as well as utility ceramics. The decoration work and the designs made in this unit have been very well appreciated in various exhibitions held all over the country. A few of the pieces were also selected for being displayed a broad and attracted plenty of orders. The units present capacities fully booked to meet indigenouse demand of crockery and insulator's Crockery items of this Unit are sold in Mysore, Delhi, Bombay, Kanpur, Calcutta, Ahmedabad, Indore and other important cities in the North.

In the book dealing with "Glazed Pottery of Karigeri" produced by the Census Depart-

ment in 1961 the following account of pottery in Tamil Nadu is given which is worth reading in this context. It is reproduced below :

Pottery, in its widest sense, includes all earthenwares made of clay which has been hardened and cleaned by the action of heat in the potter's kiln. Therefore, it includes all kinds of artistic wares, jars, vases, bowls and jugs. Almost every household has earthenwares of one kind or the other. This may be black, brown or painted. The colour depends on the kind of clay used, the way in which it is fired and the colours used in it. Pottery



is used for all sorts of purposes—for storing food materials, cooking and for observance of rituals, etc. In the State of Tamil Nadu, every district has its quota of potters and there are a number of Co-operative Societies started at various headquarters in the State. "The master potters of the world are the Indians who have worked in clay to produce a remarkably beautiful style of Pottery" says Shanti Swarnp in his book Arts and Crafts of India and Pakistan.

"Truest to nature in the directness and simplicity of its forms and their adaptation to use, the purest in art of all its homely and sumptuary handicrafts is the pottery of India. It is also of the highest antiquity, since perhaps no feature of Indian art has such a long tradition of artistic achievement as Indian pottery. Way back to the Indus Valley Civilisation, glazed pottery of pleasing and varied shapes with rich, decorative designs in black or red, filled, enriched and illuminated our domestic life, although a higher development of the art of pottery has been confined mainly to the making of jars, flower vases, bowls and similar other objects on account of orthodox Hindus prejudices that pottery is easily defiled and must be destroyed when once used. A very high degree of exquisite craftsmanship can be discovered in other works as well of the artist potters. Today in every village the hereditary potter may be seen sitting by his wheel moulding the swift revolving clay by the natural curves of his hands turning out products in the same antique forms as represented in the paintings of Ajanta. In Madras, Vellore in North Arcot, Sankarankoil and Karukurichi in Tirunelveli district are famous places for both glazed black and red pottery. Black pottery painted with the special preparation of yellow earth mixed with other substances is also being made in Madurai for ages past. In all these modes of pottery, the Indian potter invariably maintains inviolate the beauty of forms, harmony and colouring of surface decoration together with perfect unity of purpose with a seeming premeditation as if the work were the creation of nature rather than of art, says George Birdwood, in his book Industrial Arts of India.

EDUCATION IN TAMIL NADU



By

K. S. HEGDE

(Principal, College of
Engineering, Gulindy,
Madras)

Next to food and shelter, what is universally sought by man is good education for the young. Modern States have come to accept universal education for its people as a basic obligation that they have to carry out. A literate and educated citizen is considered to be the pillar of our social structure. Whatever be the structure of the governmental organisation. In the present day world, there is a direct relationship between the level of education a person has received and opportunities for a good life that are available to him. There is thus a demand, for more and more education, by more and more people.

Education has become one of the most massive corporate efforts of modern societies. It is by education and training that we equip our young to face the tasks and challenges of the adult world of tomorrow. We would be guilty of a serious breach of faith with posterity if we did not give of the best of training we are in a position to command, to our young because it is a universal aspiration that the generation to follow us will build well upon the foundations laid before, improve, innovate and ennoble all human institutions and its cultural and artistic heritage.

Obviously, it is not enough to be aware of the importance of education. We must be aware of its meaning and purpose, its objectives and mechanics, because only with such clear understanding will be able to decide what would be a good and worthwhile education that we should offer to our young and how we should organise and offer it so that the social values and institutions that we hold dear are not eroded or submerged in an avalanche of unreasoned and disorganised mass of information or skills. No country can long survive if all its people are trained only as very skilled surgeons or only as scholarly historians. The education and training must bear a relationship to our social needs just as it must have a relationship to the aptitudes and inclinations of the young who are being educated.

Not very long ago, we used to speak loftily of education for education's sake. We assumed that the only purpose and meaning of education was to let a young mind flower to its natural potential; learn the few basic skills needed to acquire information culture and pleasure on its own. In other words, teach a

young one to read and write, to reason and argue, to relish poetry and savour philosophy, to think of beauty and truth. It used to be said that the purpose of education was to draw out the vast potentialities of the mind, to concentrate on the training of the intellect, to let the human mind flower freely.

These concepts have undergone vast changes in the past few decades, and I suspect that part of the reason for such change, is the growth and development of technology, that has pervaded man's life so extensively. The second reason is the changing of concept of governmental organisation that have been accepted extensively which places a lot more importance on fulfilling man's primary needs of food, clothing and shelter whether or not his intellectual needs are fully met. Functional, need-based, job-oriented education has, therefore, been emphasised lately more and more because finding employment in a highly complex technological society needs a lot more education (or training if one would prefer this term) than would have been the case otherwise. Education and training have thus become indistinguishable terms, in the present context.

Most educational institutions today, would prefer to claim that they train their students for the opportunity and challenges that the world of today provides rather than educating them only to seek comfort and solace in their own ivory towers.

EDUCATION & IDEOLOGY

From the very earliest of times, the major constituent of education has been an attempt on the part of society to train its young to conform to the values and norms that are accepted by society. For example, in a democratic

society, the young are taught that individual liberty, freedom of choice, etc. are sacrosanct, and should be preserved as a very valuable heritage. In a communist country, the emphasis shifts and collective welfare and good, even at the sacrifice of individual freedom and happiness, becomes the ideal that the young are expected to accept. Perhaps, in a country that has accepted a particular religion, the teaching of that religion becomes a vital part of the educational content. In all countries, it must be admitted, that a certain amount of national pride and even implied sense of superiority is generally and accepted part of the content of what the young learn to the detriment of the very laudable idea of the equality and brother-hood of man.

We in this country have accepted a democratic way of life. The insistence in on equality of all men and equal opportunities for all. Freedom of the individual, as long as it does not infringe on the rights and opportunities of others, is also part of our accepted way of life. Within this frame-work, our educational effort has to deal with what only a few decades ago was a very conservative and tradition-bound society subjected to other ills of poverty, ignorance and prejudices. The value and role of modern education in the rapid transformation of such a society for fulfilling the aspirations of our people cannot be over-emphasised.

The educational objective that we have placed before ourselves is free and compulsory education to be provided to all young people up to the age of 16-17 years, i.e., generally up to the secondary school. On one side we are aspiring to ensure 100 per cent literacy amongst our people. On

the other side, the attempt is to equip all our people with necessary levels of intellectual and physical skills that will enable them to be useful members of society; contributing to its growth and a better standard of living for all people.

QUITE ENCOURAGING

The present position of the progress of education in Tamil Nadu is quite encouraging but is not anywhere near the realisation of the objective of universal compulsory education for all children. Nor have we been able to ensure full literacy amongst the people. It is estimated that there are about 70 lakhs of children enrolled in about 34,000 educational institutions of all kinds. The large majority of these are, of course, elementary schools, of which there are 31,706 with an enrolment of 62,95,000 children accounting for about 93 per cent of the children in this age group. The 2,541 secondary schools cater to about 6,68,000 children representing 55 per cent of the children in the age group of 11-14 and 35 per cent of the children in the age group of 14-17. The others are in institutions of specialised nature or in colleges and universities. There are five universities, including the Indian Institute of Technology, which is "a deemed university" in the State. The State spends about 26 per cent of its budget on revenue account of education. Undoubtedly this is the major investment on our educational effort. However, this is supplemented by the efforts of private organisations which maintain and run many a educational institutions with the financial grants made available to them by Government

It has been estimated that approximately 30 per cent of the population in advanced

countries is connected on a whole time basis with educational activity either as students, teachers, administrators or supporting staff. If we visualise the same degree of involvement with education in our State also, it may mean that about 15 million persons will form part of the educational effort—the large majority of them will undoubtedly be students. On a rough basis, therefore, there is justification for increasing our investment from the present level of 26 per cent to at least 30 per cent of the State budget under the revenue account. It must also be appreciated that this estimate almost doubles the figures for student population over the existing levels. Naturally, it will involve a doubling of all our resources and facilities available for education. It is in this context that it becomes imperative to tap the vast potential of support that can come for educational activity from the community rather than expect the State alone to accept the total responsibility.

Experiments have been made. One such was the introduction of the bifurcated courses in high school, offering a technical bias in their education to those who choose it. At the same time, this did not close the doors for further higher education in different areas to those who felt that they had made a mistake earlier in high school in choosing to go in for a technical bias in their education. This is an experiment that has met with general approval and continues to provide a certain diversity in our otherwise monolithic educational structure.

INNOVATIONS IN SECONDARY EDUCATION

A significant step that was taken towards quality improvement, in general, in our secondary schools was the introduction of

the so-called 'god-father' scheme whereby a strong and well-established educational institution, generally a college, was expected to "adopt" a weaker secondary school, support it and help it to build up better curricula, teaching methods, laboratory equipment and teaching aids.

Another innovation made was the organisation, periodically, of the so-called school improvement conferences in which educational authorities got together with leaders of the community and discussed the problems and deficiencies in their schools. These conferences have brought an awareness of the educational problems and needs to the community which these schools serve and have encouraged the idea of public participation in the programme of improvement of these schools. Substantial contributions have been made by the public towards meeting the needs of essential equipment, buildings, etc., as a result of these conferences. More than this, the awareness and interest created in the community about the quality of education available to the young, is in itself a very desirable feature of this programme.

Towards improvement of quality and competence of teachers, extensive programmes of inservice training, workshop for science teaching, refresher courses, etc., have been organised. For college teachers also, summer and winter school programmes have been conducted in various specialities, with the assistance of the University Grants Commission and other agencies. All these have brought specialised and modern knowledge, both of the subjects and techniques of instruction, to large numbers of teachers. The response from teachers to such programmes has

generally been enthusiastic and one hopes that the results have been commensurate with the efforts that have gone into the organisation of such programmes.

In view of the widespread poverty in the country, large numbers of young children have either not enrolled in schools because of economic consideration that necessitate their staying at home and helping out with the family chores; or when they do enroll themselves in the schools, their nutritional levels are so low that they sit in a class-room with hungry stomachs unable to concentrate on what goes on. For our young people this is a very poor climate in which to acquire education or skills that they are seeking. Realising this, a scheme of providing mid-day meals to the school children has been evolved and implemented fairly extensively and with considerable success in Tamil Nadu. This one single measure has been undoubtedly responsible for creating a major change in the climate in our schools especially in backward poverty-stricken areas, of the State.

SUBSTANTIAL PROVISIONS

Mention must also be made of very substantial provisions made by Government for award of scholarships and loans to students particularly at the post matric stage (since education up to P.U.C. is free in the State for all people); a keen and promising student need not end his academic pursuits, solely on the basis of lack of resources. In particular generous and extensive financial assistance is offered to backward and weaker sections of society that have been traditionally denied opportunities for education due to various sociological and economic reasons. In addition, free

hostels have also been opened in several centres, thereby giving additional incentives for such sections of society to avail themselves of the educational facilities.

Very recently, action has also been taken to respond to the persistent clamour of working people for an opportunity for higher education at the University level. Several colleges have been permitted to organise and run evening colleges so that people who have been obliged to discontinue their education earlier due to economic compulsions are now in a position to continue their studies while they continue to be gainfully employed.

In the field of technical education, sandwich type of courses as well as part-time diploma courses for working people have been tried out with considerable success for the past several years. The value of such courses is obtaining increasing recognition both from educators as well as employers. At present, we seem to be on the verge of large scale expansion of facilities for sandwich type of training as well as part-time courses for engineering students. Such courses will also be of value in certain other disciplines besides engineering, such as business management, social service, etc.

Women's education for technical professions such as engineering received a great fillip with the founding of women's Polytechnics in the State. At present 3 such institutions are working successfully at Madras, Coimbatore and Madurai; wherein girls are trained in various branches of engineering. Besides, provision is also made to offer institutions in other areas such as commercial and secretarial practice, etc.

HAS THE WORLD FOOD PROBLEM BEEN LIQUIDATED ?

By
CEDRIC DAY

With the reappearance of market surpluses of several food commodities in developed countries during the last two or three seasons and larger cereal production in many developing countries, thanks to the Green Revolution, is it fair to say that the world food problem has been liquidated ?

"Nothing could be farther from the truth", according to Mr. Addeke H. Boerma, Director-General of the Food and Agriculture Organisation (FAO) of the United Nations. But in view of some recent press articles which, in effect, have dismissed the problem as "The Fairy Tale of Hunger", a brief summary of FAO's position would seem warranted.

UNDERNOURISHMENT.

FAO has never claimed to be able to give a precise figure for the number of persons suffering from undernourishment or malnutrition. In its Third World Food Survey published in 1963, it estimated that for the period 1957-59, ten per cent to 15 per cent of world's population—between 300 and 500 million persons—were undernourished.

Since that estimate was made, little additional data of the type needed for estimating the incidence of hunger has become available. The only way of judging recent trends, therefore, seems to be to go by the trend in average per capita calorie supply in developing countries. There has been a slight increase in the average daily calorie supply since 1957-59, indicating in FAO's judgment a one to two per cent decrease in the incidence of hunger. On the other hand, population has increased by 15 per cent since 1958. Taking

into account both factors, it is quite probable that the absolute number of underfed today has increased.

MIRACLE SEEDS.

But FAO recognises the actual and potential increases in basic food production in developing countries resulting from application of science and modern technology to what has been basically subsistence agriculture. It warns, however, against exaggerating the actual effectiveness and impact of existing high-yielding seed varieties. Only a minority of FAO's 121 member countries can effectively use these varieties, notably of wheat and rice, in national programmes, such programmes will not benefit all their farmers—especially not those in unirrigated areas having inadequate rainfall. Where used, they bring with them new risks, such as an increased danger of plant disease, and they require large quantities of fertilizer, water and pesticides. When successfully introduced, the new varieties produce a new generation of problems by virtue of their very success; problems of storage, marketing, price policies, training, maintaining quality of seed, the continuous introduction of new strains.

"In short", as Mr. Boerma recently said, "We must see them not as 'miracle seeds', not as the ultimate weapon in our attack on world hunger, but rather as the first of what I hope will be a series of technological breakthrough in tropical and sub-tropical agriculture.

By 1985, the developing countries will require nearly two and a half times as much food as they did at the beginning of the 1960's. This is the conclusion

of FAO's recently completed Indicative World Plan for Agricultural Development (IWP). About two-thirds of this demand will result simply from the multiplication of mouths to be fed, while about one-third will be due to high individual purchasing power.

FILLING THE GAP.

If the developing world continues to increase its food production at the rate it has achieved in recent years, the quantity produced and retained for consumption by 1985 would be 84 per cent above the 1961-63 level, but the projected demand would be 142 per cent higher than at that time. To fill the gap would require food imports in 1985 costing the developing countries more than \$40,000 million (at constant 1962 prices) compared with their outlay of somewhat more than \$3,000 million in food imports in 1961-63. But prospects of their being able to pay for the huge imports projected for 1985 in this hypothetical example are unrealistic.

The IWP concludes that, if its various proposed policies are adopted, an average annual increase of 3.8 per cent per year in net food production of developing countries is feasible, compared with only 2.7 per cent in the decade prior to 1966. Even then a small proportion of the population would still be underfed in 1985 because of inequalities in consumption of protein, upon which quality of diet is so dependent, would be even greater than for calories because no practical goals for production of animal protein can be proposed that would completely close the protein gap by 1985.

CONJUNCTIVITIS

AN INFECTIOUS DISEASE

Conjunctivitis is a highly infectious eye disease, believed to be caused by a virus. It is the inflammation of the thin transparent sheet that covers the white of the eye (Sclera) and back of the lids.

The disease is not dangerous but delay in proper treatment may affect the eye sight.

Conjunctivitis starts quite suddenly and becomes severe within four to six hours after the appearance of its early symptoms. Usually it lasts for five to seven days.

This disease can affect anybody but children below five are more prone to the infection.

Symptoms.

The disease begins with irritation in one or both the eyes. The eye-lids become swollen and red. There is thin mucus discharge from the eyes in the beginning, followed by thick white or yellowish white discharge that may collect in the eye. There is intolerance of light and inability to open the eye. If untreated it can lead on to ulceration of the cornea and permanent corneal opacity (safedi, meda, phoola) and permanent impairment of vision.

The disease spreads through the contaminated fingers, clothing such as towels and handkerchief and other articles used by the infected person. Flies and other eye-gnats help to spread the disease. Dust, dirt, smoke, use of dirty water also cause the disease.

If treated systematically, the disease can be cured between four to seven days. No hospitalisation is necessary.

Prevention.

Personal cleanliness, hygienic care and keeping the surroundings clean are the best prevention against the disease. Towels, handkerchiefs and other clothes of daily use should not be mixed with the clothes of the persons suffering from this disease.

Children suffering from the disease should not attend the school till they are completely cured. Sun-glasses should be used to protect the eyes from too much light. Sun-glasses of a person suffering from this disease should not be used by others. Bathing in ponds or swimming pools is dangerous. One should wash his eyes with cold but clean water three to four times a day. Common *surma satai* meant for all members of the family should not be used.

In case one contracts this disease he should consult the doctor immediately. He should also take rest for three to four days in the house. This will help in its speedy recovery and also reduce the chances of transmitting the disease to other members of the community.

Disease will always return to the body if the soul is flawed ; for the sins of the mind are the secret cause of the sins of the body. So too poverty and trouble will return on man in society, so long as the mind of the race is subjected to egoism.

Sri Aurobindo.

TELEVISION CENTRES.

Television Centres are to be set up at five places, viz., Madras, Calcutta, Srinagar, Bombay (with relay station at Poona) and Lucknow (with relay station at Kanpur) during the Fourth Plan period. The work on the establishment of the television centre in Madras has already been commenced. The Civil Construction work is expected to be completed and equipment procured in 1972-73 and the installation work will be completed and the station commissioned in 1973-74. Total estimated cost of the project is Rs. 182.76 lakhs.

A letter of intent has been given to Messrs. The Electronics Corporation of India, Limited, in last November 1970 for the manufacture of 50,000 television sets for satellite instructional television experiment (site) programme. These television sets will be installed in clusters of villages. Over 2,000 of these television sets will be equipped with front-end converters for direct reception from the satellite. The front-ends are being developed by ECIL at Hyderabad and by the Electronics Systems Division (ESD) of the Indian Space Research Organisation (ISRO) at Ahmedabad.

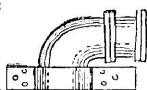
POLLUTION-FREE COMBUSTION ENGINE.

An external combustion engine which does not pollute the air has been developed by an automobile firm in Holland. Called Sterling, the 200 H.P. engine is less noisy than the diesel or gasoline engines, according to US journal. Unlike in the internal combustion engine, there are no power-stroke explosions in the new engine to pollute the air with carbon monoxide or unburned hydrocarbons.

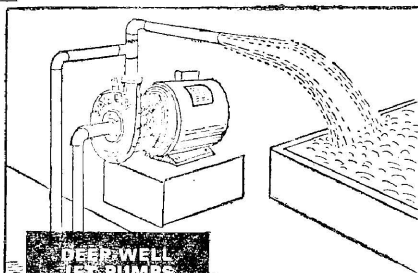
This non-breathing engine, unaffected by dust, is an easy cold-starter and has a virtually flat torque throughout its speeds. It is vibration-free and neither consumes nor contaminates lubricating oils.

EASUN PUMPS

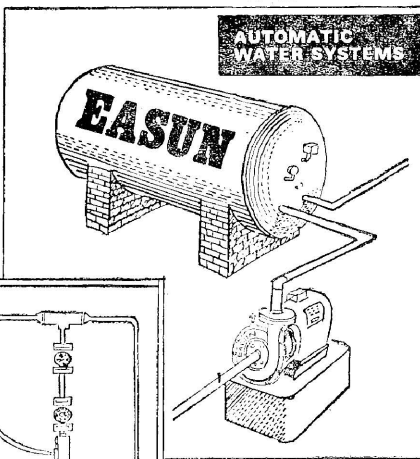
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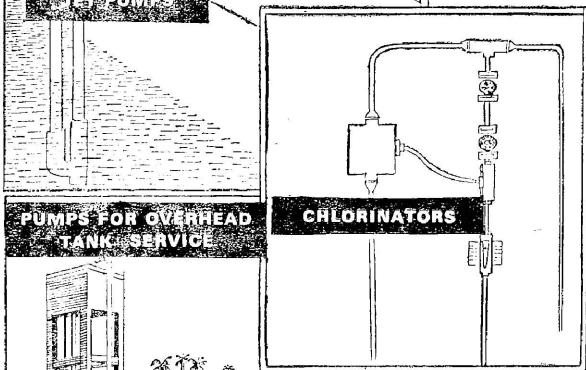
SUBMERSIBLE PUMPS



DEEP WELL JET PUMPS

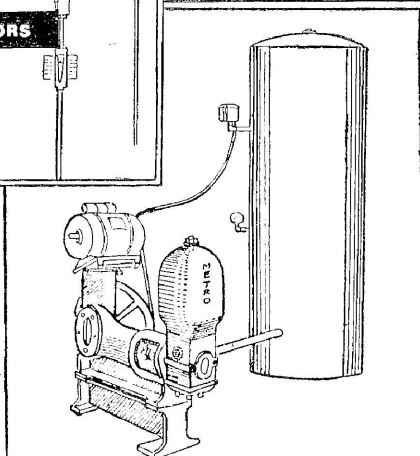
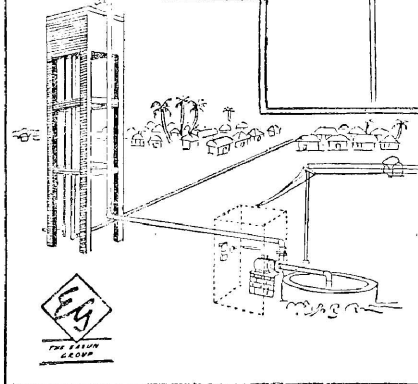


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SICK MILLS FARE BETTER UNDER GOVT. CARE

which require guidance from the Government.

The Tamil Nadu Textile Corporation studied the technical and financial viability of six textile mills in the State and recommended that they could be taken over and run by it. Accordingly on the recommendation of the State Government, the Government of India have taken over the management of the four mills under section 18-A of the Industries (Development and Regulation) Act, 1951, and appointed the Corporation as Authorised Controller to run them. The names of the mills taken over, date of taking over and advances given towards working capital as on date are as follows :—

<i>Name of the mill and date of taking over.</i>	<i>Advances.</i>
(1)	(2)
	(RUPEES IN LAKHS)
Om Parasakthi Mills Limited 15th September 1969 ...	4.20
Krishnaveni Textiles Limited 17th December 1969 ...	9.38
Combodia Mills Limited 14th December 1969 ...	24.25
Sri Rangavilas Ginning, Spinning and Weaving Mills Limited. 16th January 1970 ...	35.50
Total ...	73.33

Under the Industries (Development and Regulation) Act, 1951, the Government of India have appointed the Corporation as the authorised controller of Coimbatore Murugan Mills Limited and the Corporation has since taken over the management of the mills.

The Tamil Nadu Textile Corporation has besides pumping its own resources, succeeded in persuading reluctant commercial banks to lend substantial sums against Government guarantee so that the mills are now assured of enough working capital and funds for developmental purposes. Embodied by success, the Tamil Nadu Textile Corporation is considering the feasibility of taking over six more mills in Coimbatore, viz., Somasundara, Janardhana, Coimbatore Spinning and Weaving Mills, Pankaja, Kaleeswarar and Palamalai Renganathan.

The sorry state of affairs is that funds for badly needed modernisation for these mills are not readily forthcoming from the National Textile Corporation.

It should not, however, be forgotten that this story of success has been possible only because of their sheltered existence besides, certain other factors. Because of the moratorium placed on past liabilities and provision of adequate funds for the day-to-day working not to speak of the comparatively low wage bill made possible by the workers agreeing to a wage cut until such time the units were able to feel their feet, the Corporation has been able to present this rosy picture.

One by one the first batch of five textile mills taken over by the State Government after having been abandoned by the private industrialists are now reporting profits. In every case the profits are reported only after providing for interest and depreciation charges. Also these mills have been paying full wages to workers besides meeting statutory commitments such as Provident Fund and E.S.I. contribution which were not paid for a long while by their erstwhile private managements. These mills are managed by the Tamil Nadu Textile Corporation.

The Tamil Nadu Textile Corporation, Limited, was set up as a Private Limited Company fully owned by the Government of Tamil Nadu on 24th April 1969. The main objects behind the establishment of the Corporation are to take over and run the sick mills in the State, to advise the Government on the Textile industry and to assist the Textile Mills

SHONAR BANGLA.

My golden Bengal, I love you.
I love your skies and your air
Forever they play on my heart as if it were a
flute.
Then comes spring, O mother mine!
Your mango-groves are heady with fragrance,
The air intoxicates like wine.
Comes autumn, O mother mine! I see the
honeyed smile of your harvest—laden fields.
How splendid! What sunshine! What
shadows! What love! What enchantment!
What a carpet of green you've spread beneath
the banyan tree!
And along the bank of rivers!

O mother mine, your voice is dulcet
in my ears as honey on my tongue.

O mother mine! Thy sons that tend
the flocks,

Thy sons that till the soil,

Are my brothers, one and all.

At thy feet, I lay my head.

O mother mine!

Give me the dust of thy feet.

Like a diadem shall I wear it on
my head.

All I have in the world at your feet
I shall lay,

O mother mine.

(This is the National Anthem of
Bangladesh. Translated from Tagore's
Bengali original by Subrata Banerjee)

Musthu

LOVE OF MOTHER TONGUE EXPLODES THE MYTH OF ISLAMISM IN BANGLA DESH

Long before the struggle between the East Bengalis and the West Pakistan rulers entered the arena of politics, it had started on the cultural plane. It was the intelligentsia and the students of Bangla Desh who spearheaded this struggle.

The average Bengali Muslim had hoped in 1947 that he would be able to share the prosperity that was promised in Pakistan, the "ideal" homeland planned in accordance with the concept of "Islamic-brotherhood". After the creation of Pakistan, this hope gradually dwindled. The promised prosperity never came. The Bengali Muslim found that the old system of exploitation was now being perpetrated by fellow Muslims or rather "the ideal Muslims" from West Pakistan. His faith in "one Islamic culture" was shaken. This made him acutely conscious of his own identity and origin.

The Bengali Muslims gradually realised that by asking them to despise everything about Bengali culture for becoming better Muslims, the West Pakistani politicians and leaders were in fact making a calculated move for cultural subversion and a tool for exploitation.

Cultural Subversion.

It is this realisation which gave a social and emotional content to the new East Bengali nationalism that emerged in the years following partition of the sub-continent. A major issue around which this movement gathered momentum was the issue of the Bengali language.

As soon as they came to power, the rulers of Pakistan tried their best to wipe out this distinctive

feature of uniqueness in the eastern wing. The people of East Bengal were not ready to give up their mother-tongue, which they loved and which they were proud of.

It is interesting to note that not only Bengali was the mother-tongue of almost all the inhabitants of the former East Pakistan but until Pakistan broke up, Bengali was spoken by 64.6 per cent of the total population of Pakistan. On the other hand, Urdu was spoken by only 7.2 per cent.

In fact, Urdu was actually the language of mainly the urban Muslims in North India who migrated to Pakistan. Yet, they tried to make Urdu the only State language, and impose it on East Bengal.

Two students' organisations one "Tamaddun Majlis" and the other "The Muslim Students' League", later renamed as "The Students League", took shape as the first non-communal Bengali students' organisations in Pakistan.

STRUGGLE FOR THE 'MOTHER-TONGUE'.

The Majlis and the League joined forces to form an Action Committee to carry on the struggle for the cause of the mother-tongue. Soon they started a large-scale campaign for the collection of signatures to a mass-petition demanding that Bengali should be made one of the State-languages of Pakistan. The petition was signed by thousands of Bengalis.

When on February 23, 1948, the Pakistan National Assembly met, one of the Hindu Members

from East Pakistan brought forward a resolution claiming that Bengali, along with Urdu and English, should also be made one of the official languages of the Assembly.

This was rejected, and as usual, the then Prime Minister of Pakistan, Mr. Liaquat Ali Khan, branded the resolution as a subversive attempt.

"This is a matter of life and death for us. I strongly oppose this resolution, and hope the Assembly will reject such a resolution," he said.

"At first, I thought it is just an innocent resolution. But now I feel the main aim of the resolution is to create misunderstanding among the inhabitants of Pakistan and to put a barrier in the way of uniting all the Muslims of this country by means of a common language."

The mistake common to this as well as other similar later manoeuvres of the West Pakistani authorities was that they obstinately overlooked the aspirations of the people of East Bengal.

The General Strike of 1948.

No sooner had the resolution been rejected than a massive protest was organised by the Action Committee, and on February 26, the students in Dacca staged a strike.

This was followed by a call for a general strike all over East Pakistan on March 11. The spontaneous response was overwhelming. So far, the protest was limited mainly to students and intellectuals.

Now their demands were supported by millions of people from all walks of life. March 11,

1948, perhaps, laid the foundation on which the super-structure of the present liberation movement has been built.

The students of Dacca staged picketing at the gates of the Secretariat. The police made lathi-charges, fired volleys of tear gas, and arrested a number of their leaders, including Sheikh Mujibur Rahman, but this failed to put a stop to the movement. For the next four days East Bengal witnessed a series of massive demonstrations in which the students and the common people alike participated.

Finally, the then Chief Minister of East Pakistan, Khwaja Nazimuddin, was compelled to comply with the demands of the people.

The 8-point Charter.

He had to set free all the arrested student leaders and meet the representatives of the Action Committee.

In this conference Nazimuddin accepted their eight-point charter. Among other things, he agreed—

(1) That in the April session of the provincial legislative assembly he would table a resolution accepting Bengali as the official language of the province after English ceased to be the official language.

(2) The medium of instruction in East Pakistan would be Bengali.

The Bills, with slight amendments, were duly passed by the provincial legislature on April 6.

Thus came to an end the first phase of the language movement in East Pakistan. The success of the movement filled the Bengalis with hope and enthusiasm.

The West Pakistani clique, however, was not ready to give up. On February 7, 1949, in a meeting of the Central Education Advisory Board at Peshawar, the Minister of Education of Pakistan struck the next blow.

Bengali in Arabic Script !

With a rare duplicity, he announced that Bengali should henceforth be written in Arabic script.

Once again the people of East Pakistan raised their voice of protest. All through the year in different parts of East Bengal massive demonstrations opposed this attempt of negating the resolution passed by the provincial legislature.

Finally, in December, the opposition became so strong that the East Pakistan Government tried to placate the angry feelings of the people by issuing a Press statement.

"Whether Bengali should be written in Bengali or Arabic script should be decided by the free will of the Bengali people. It will not be discussed in the meeting of the Central Advisory Board," it said. In practice, however, the attempt was continued by the Government.

From April, 1950, they opened 20 centres in different districts of East Pakistan to teach adults how to write Bengali in Arabic script. They also appointed a committee of educationists to work out the possibilities of such a proposal.

However, when the report was submitted by this Committee, it was found that their recommendations ran contrary.

The Government kept quiet about the report. For the next year and a half no further move was made by the Central Government on the language issue.

Then, on January 26, 1952 Khwaja Nazimuddin, by this time, the Governor-General of Pakistan, announced in the All-Pakistan Muslim League Conference that Urdu would be the only State-language of Pakistan. Protests burst out once again in East Pakistan.

Students went on strike, on January 30 and on February 4, all over the country. The Government tried to crush the movement, but failed. One of the leading newspapers of Pakistan, the *Pakistan Observer*, was banned because of its support for the cause of the movement and its editor, Abdus Salam Khan, was arrested.

The provincial legislature was supposed to have its budget meeting on February 21, but the Action Committee decided to have a protest march to the Assembly on that day.

In anticipation, the Government promulgated Section 144 prohibiting all demonstrations. But, the situation was tense by this time. Dangers and difficulties had not deterred them in the past and could not frighten them now.

First Round of Atrocities.

The students decided to carry on with their demonstrations. The police opened fire on their peaceful procession, and among others, student leaders Rafiq Barkat, Jabbar and Shafikur lost their lives.

The whole of East Pakistan now burst out in protest at these barbaric atrocities. The common people came forward to rally behind the cause.

The Government tried to create confusion by describing the whole

incident as "engineered by the Communists and Indian agents," the usual scapegoats. Hundreds of leaders of the movement were arrested, but the movement could not be suppressed.

Struggle for Emancipation.

In the 1954 election, the Muslim League suffered a terrible defeat. Out of 237 Muslim seats, they lost 228.

In 1956 the Central Government was forced to accept Bengali as one of the State languages of Pakistan. But by then the damage had been done and the Bengali consciousness, its awareness of a distinct entity with the distinct cultural heritage had sunk deep and there was no going back. The younger leadership in Bangla Desh now became partners in the overall larger political and economic struggle to free themselves from the colonial regime of West Pakistani military rulers.

No wonder, when the West Pakistani military and police opened their campaign in March this year to destroy "the Hindu-tainted culture" of East Bengal and to teach the Bangla Desh Muslims how to be "true Musalmans", their first target for massacre was the Dacca University students and teachers who were shot down ruthlessly. Atrocities were, then, repeated in every other university, college or town of East Bengal.

Like a Phoenix, the East Bengali spirit of nationalism did not die when the flower of its youth was ruthlessly cut down by the West Pakistani Military Junta. Out of the ashes has been born a free and independent Bangla Desh, with its basic principles of democracy, socialism, secular nationalism and the establishment of an egalitarian society.

PAKISTAN THEN & NOW.

A recent study shows that with the creation of Bangla Desh, Pakistan will lose one refinery with an annual capacity of 1.5 million tonnes, one steel plant with a capacity of 1,50,000 tonnes 29 jute mills, 22 textile mills, seven sugar factories, 28 aluminium plants and a fertiliser factory, a paper mill, a newspaper factory, a cement factory and a machine-tool plant. This was the position at the end of March, 1967.

The united Pakistan had access to the sea through three major ports. Now it will have to make do with only one—Karachi.

The loss of foreign exchange earnings will be considerable. Based on 1968-69 figures, Pakistan will lose foreign exchange earnings to the tune of Rs. 140 crores a year, amounting to about 45 per cent of the total export earnings in that year.

Production of fish will shrink from 4,23,000 metric tonnes to only 1,58,000 metric tonnes a year.

Pakistan will become considerably poorer in regard to various crops such as rice, wheat and sugar. In regard to jute and tea, the new Pakistan will have very little of these two valuable cash crops.

Geographically, the new Pakistan will retain 85 per cent of its land area, but it will lose 75 million of its population which now live in Bangla Desh.

Formerly Pakistan had three major towns with a population exceeding 5,00,000. Now according to the 1961 census, the new Pakistan will have only two such major town.



Sanctum in the Pandya Palace.

King Nedunchezhan is engrossed in writing. Palm-leaves are arranged neatly, on the carved desk in front of him. Kopperundeivi enters.

KOPPERUNDEVI: I wonder why the anklet has not been brought yet.... The Goldsmith seems to be taking his own time, to mend it.... (Apparently oblivious of her presence, Nedunchezhan keeps writing).

KOPPERUNDEVI (sulking): Here I am, voicing a problem, and for all the attention you bestow on me, I might as well be talking to myself! What is there so very urgent to write about, my Lord, even while I am waiting here?

NEDUNCHEZHIAN: (looking up, as from a trance) Oh, I am writing a poem, on the importance of learning....

KOPPERUNDEVI (still sulking): When it is not an exoteric poem, it is the thunder of battle. That is all the subject one hears in this place. (Angrily) Let me remind you, my Lord, that this is our bedchamber and not a class-room nor a military camp!

NEDUNCHEZHIAN (musing): Tamil is a zephyr that blows whenever and wherever it listeth; it needs no password nor a coat of arms. Listen, my dear, to what I have written here,

"Acquire the priceless treasure of learning through timely acts of aid to the Preceptor and by offering material wealth and through service steady and sincere...."

A Maid enters in some agitation and interrupts.

MAID: Your Majesty, the Chief Goldsmith of our Palace seeks an urgent interview.

NEDUNCHEZHIAN Well.... (He gets up and goes to the doorway).

CHIEF GOLDSMITH (in trepidation): Obeisance to you, Sire!

NEDUNCHEZHIAN (soliciously): Why are you trembling, my man? Anything the matter?

CHIEF GOLDSMITH (crying out): Mercy Your Majesty, mercy.....

NEDUNCHEZHIAN: Compose yourself, Goldsmith, and let me know what ails you.

CHIEF GOLDSMITH: Oh, Your Majesty, I am to blame. I had taken all precautions to keep the anklet in a secure place. I myself deposited it in an iron-safe, locked the safe and kept the key next to my heart. And yet, when I unlocked the safe this morning, the anklet was not to be found. (Wailing) I am undone, oh, I am undone..:

NEDUNCHEZHIAN (perturbed): What, is the Queen's anklet lost? If you had kept it safe, how could it have disappeared without your knowledge? Goldsmith, answer me straight, "Whom do you suspect of the felony?"

CHIEF GOLDSMITH: Whom shall I point out, Your Majesty! A hundred assistants work under me.

NEDUNCHEZHIAN (thoughtful): Well, assemble all the hundred goldsmiths in our Court tomorrow. I will myself conduct an inquiry and apprehend the culprit.

CHIEF GOLDSMITH: I will carry out the order, Your Majesty. Once again I pray for forgiveness and mercy....

The chief Goldsmith retires, leaving Nedunchezhiyan pensive and frowning.

Kitchen in Madhari's dwelling. Kannagi is busy cooking food. Kovalan is seated near the doorstep, a picture of dejection.

KANNAGI: (calling softly) My Lord.... why this spell of depression?

KOVALAN: I was thinking, my dear, as to what best I can do to make a living and seek to rebuild our fortune.

KANNAGI: The anklets I wear were your present to me my Lord, on the day of our marriage. They are worth 5,000 *kazhanjus* of gold.

KOVALAN: The very thought of selling your Anklets stabs my heart like a hundred daggers, Kannagi.... (*Drifting back into the past*). The pageantry of the celebration is still etched in my memory.... the gorgeous procession through the streets of Poompuhar and the grand function witnessed by the elite of the City.... With my own hands I fastened the Anklets, while my demure Bride blushed in fond pride and stood in tremulous joy on the threshold of a new life... And today in the very same hands, here in Mathurai, am I to carry the Anklets for sale?... The chiming of your Anklets is a constant reminder to me, of the only ornament I have not robbed my wife of and should I have to sink deeper in felony?....

KANNAGI: Leave off such sombre meditations, my Lord, so that the past may not be a drag on the future. Food is ready and it is cooked all by myself. It seems ages since I served you. Please come, my lord, I am so eager to resume my duty....

Kovalan takes food and the happiness of their early days is recaptured almost in full for the couple.

KANNAGI: How was the cooking, my Lord?

KOVALAN (cheerfully): More wonderful than ever, Kannagi, perhaps because this was the last meal you have cooked for me.

KANNAGI (startled): Why so, my lord?

KOVALAN: Once I re-establish business do you think I will allow you to go near the oven? We shall have servants for all that work and your sole duty shall be to remain my queer and bride all the time.

KANNAGI (playfully): What extremes in mood? Only a few moments ago you were so dejected, but now you feel strong enough to conquer the world my Lord! (*Offering neatly folded betel-leaves to him*). When the Anklets are sold, my Lord, remember to purchase some silk-garments and ornaments for yourself; I must see you again decked in finery....

Ayyai comes from the front-room.

AYYAI: Brother, brother.....

KOVALAN: Yes, Child.....

AYYAI: Please don't take Sister Kannagi with you to the City. We are arranging a folk-dance here in our hamlet and we are eager that Sister should witness it.

KOVALAN: Go ahead, Ayyai. Kannagi is not coming with me.

Ayyai runs away, delighted.

KOVALAN: So, shall I start for the City, Kannagi? (*Kannagi stoops to unfasten her Anklets. His resolution gives way at the sight*) No, my dear, I would rather be a labourer and spend the rest of my life in the hut of austerity than convert your Anklets into coins and build a fortune on that base.

KANNAGI (determined, looking up): Haven't I told you, my Lord, that we would be able to secure any number of such Anklets, once your business is resumed?

KOVALAN: Wait, Kannagi, for the last time let me see you walking with the Anklets on your feet....

She obliges and Kovalan struggles with his emotions.

KANNAGI: How much you scare me, my Lord, by using expressions like 'last meal' and 'last time'!

KOVALAN (embracing her): Don't be frightened, Kannagi. Haven't you said, again and again, that good times are just round the corner for us?

KANNAGI: Yes, my Lord, I am convinced about that.

Having unfastened one Anklet and given it to him, she is about to remove the second Anklet too, when he stops her.

KOVALAN: Let it be there, Kannagi; the proceeds from one Anklet would be adequate for us. And the single Anklet still with you will chime and tinkle to hammer a lesson into my conscience so that I may never prove false

to you again even in the region of thought! . . . Bid me leave Kannagi, and wish me well in my venture.

KANNAGI : In my mind I already feel the effulgence of the future, my Lord! (*Bidding him leave.*) You must be very careful in this unfamiliar city and you must also return soon.

KOVALAN [*boyish*] : You are instructing me as if I am a child, Kannagi!

KANNAGI [*shy*] : Is it not time that I trained myself?

Kovalan pats her affectionately. Chorus-music is heard indicating the commencement of the folk-dance.

KOVALAN [*stepping out*] : Be of good cheer, Kannagi. I will come back very soon with the capital for our new life.

He leaves. Ayyai and her friends enter and take Kannagi with them to the dance.

Broad street in Mathurai City. Kovalan is in conversation with a prosperous looking citizen, who is examining the Anklet, in unconcealed admiration.

CITIZEN : What a marvellous piece! If you bring the twin of this Anklet too, I am willing to take both and you can name the price.

KOVALAN [*trying to avoid any reference to the second Anklet*] : Don't you know anyone Sir, who would be willing to buy this Anklet for the rubies in it, which could be taken out for the purpose of making any other ornament?

CITIZEN [*returning the Anklet*] : The appropriate man for you would be the Chief Goldsmith of the Palace who might be able to make use of the parts of this single Anklet.

KOVALAN : Thank you, Sir.

He leaves.

CITIZEN [*talking to himself*] : Seems to belong to a noble family must have fallen on evil days

Kovalan, looking a little tired and very self-conscious, meets two other local citizens.

CITIZEN [*looking at the Anklet*] : What superb craftsmanship ! I think you better take the Anklet to the Chief Goldsmith of the Palace.

CITIZEN'S FRIEND : Think of him and he is there! Here comes the Chief Goldsmith himself.

The Chief Goldsmith comes, accompanied by two persons.

CITIZEN [*accosting*] : Master-Goldsmith, here is someone with a magnificent Anklet for sale.

CHIEF GOLDSMITH [*startled*] : Anklet? [*Opening his eyes wide on seeing the ornament, he addresses Kovalan*] I might be able to help, You don't belong to Mathurai, do you ?

KOVALAN [*pleased, that he has found an opening*] : No, I come from Poompuhar.

CHIEF GOLDSMITH : Actually, I was looking for just such an Anklet. Will you kindly wait with the Anklet in this hall here, while I discuss the matter with the King and return ? [*To the two persons who came with him*] Keep him company until I am back.

The two persons get the import of his special gesture and they nod in comprehension. The Chief Goldsmith hurries away. Kovalan settles down to wait.

Sanctum in the Pandyan Palace. King Nedunchezian is all dressed and ready to go to Court. Kopperundeivi is still on the couch, a sullen Queen.

NEDUNCHEZHIAN : It is getting late, dear, and you will have to hurry.

KOPPERUNDEVI [*rebellng*] : I am not coming to Court, for I dare not be seen in public, without my anklet.

NEDUNCHEZHIAN : But have I not told you that I want to examine the suspects in Court today and apprehend the culprit?

KOPPERUNDEVI [*sardonic*] : And by the time you complete all formalities the anklet would have travelled a long distance. You are so preoccupied, writing poems and studying military science and attending to public affairs that you do not have the time to bother over much about the anklet of your consort staying deprived of its ornament.

NEDUNCHEZHIAN [*sternly*] : Do not forget, Kopperundeivi, that the country is above even you or me. For a trivial anklet, should a Queen throw a tantrum like this ?

KOPPERUNDEVI [*raging*] : Yes, a trivial anklet indeed ! That is because I have myself become trivial to you. [*She is near tears.*]

NEDUNCHEZHIAN [*unmoved*] : Once again I am asking you, are you coming to Court or not?

KOPPERUNDEVI: Without my anklet, I will not take one step from this place.

Nedunchezhian goes out. The scene has upset him and he is in a black mood.

Nedunchezhian is walking along the corridor and the Officer follows him at a respectful distance. The Chief Goldsmith comes from the opposite direction and bows low to the King.

NEDUNCHEZHIAN; Yes ?....

CHIEF GOLDSMITH [*exultantly*]: The man who stole the Queen's anklet has been apprehended, Your Majesty.

The Officer is in mortal fear.

NEDUNCHEZHIAN Where is he now ?

CHIEF GOLDSMITH. Having mended the clasp, he was trying to dispose of the anklet. I have kept him in a safe place and I came straight to report the matter to you.

NEDUNCHEZHIAN A thief in my land! [*To the Officer*] *Konru varugha* (which is Tamil for "Kill and return".)

The Officer bows and sets off with the Chief Goldsmith.

(To be continued)



TAMIL NADU HOUSING BOARD.

Separate sealed tenders with the name of work and tenderer duly superscribed on the cover for the following works are invited so as to reach the undersigned not later than 3-00 p.m. on the dates noted against each tenders. Tenders will be opened on the same day at 3-05 p.m. in the presence of tenderers who choose to be present. The approximate value of each and every work is Rs. 2-08 lakhs, E.M.D. Rs. 3,120 and cost of tender documents per set Rs. 10 plus S.T. Last date for receipt of the tender documents for the first 3 works is 28-12-71 and for the rest 29-12-1971.

1 Construction of 2 Nos. of 4 in 1 Group No. 1.
M.I.G. Block as per design No.
124A/70 at Besant Nagar--

2	Do.	Group No. 2.
3	Do.	Group No. 3.
4	Do.	Group No. 4.
5	Do.	Group No. 5.
6	Do.	Group No. 6.

Further particulars and copies of tender documents can be had from the Office of the Executive Engineer, South Division, 36, Mount Road, Madras-35 on payment of cash on all working days between 10-00 a.m. and 2-00 p.m.

Executive Engineer (S).

No. 2 A

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 19th January 1972 for the works noted below. The works are to be executed within one month on lump-sum contract system.—

Providing internal Electrification to the depot at *Ashok Nagar*.—E.M.D. Rs. 200 and cost of tender documents Rs. 5.20.

2. Providing Electrification to yard and maintenance shed at *Ashok Nagar*.—E.M.D. Rs. 1,600 and cost of tender documents Rs. 20-80.

Tenders will be opened on the same day, i.e. on 19th January 1972 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 amount noted in each work on all working days during office hours from 2nd January 1972 to 18th January 1972. 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.**

No. 1 A

ANNUAL MAINTENANCE OF GOVERNMENT ROADS FOR 1972—73.

Chit Tender Notice.

For and on behalf of the Governor of Tamil Nadu, sealed tenders for all the maintenance works of Government roads in Salem Division for 1972-73 on percentage basis will be received from Registered contractors by the Divisional Engineer (Highways and Rural Works), Salem-5 at his office at Salem-5 up to 3-00 p.m. (as per Division Office Clock) on 21st January 1972 and the tenders received will be opened at 3-15 p.m. on the same day in the presence of contractors or their authorised Agents.

Tender documents can be had from the Manager and Divisional Accountant, Divisional Engineers (Highways and Rural Works) Office, Salem on requisition in writing and on payment of Rs. 3-11 per set (including sales tax which is not refundable) on all working days during office hours from 10-30 a.m. to 5-00 p.m. commencing from 5th January 1972 to 20th January 1972 (both days inclusive). Tender documents will not be sold on the date fixed for receipt of tenders on any account.

Tenders received without the required E.M.D. will be rejected. The E.M.D. should be remitted into the Government Treasury under the head of "Revenue Deposit" in favour of the Divisional Engineer (Highways and Rural Works) Salem and the Chalan should be enclosed with the tenders. Madras Loan bond only endorsed in favour of Divisional Engineer (Highways and Rural Works), Salem and Bank demand draft will also be accepted as E.M.D. If Bank guarantee is produced towards E.M.D., the concurrence of the Reserve Bank of India to the Bank guarantee should also be submitted along with the tender failing which the tender will not be considered.

Income tax verification and sales tax clearance certificates should be enclosed along with the tenders. If they have not already been produced, else the tenders are liable to be rejected.

The list of works with E.M.D. for each work and the condition of tender, etc., will be published in the Notice Board of the Divisional Engineer (Highways and Rural Works), Salem and in the office of all the Assistant Engineers (Highways and Rural Works) and Section Officers (Highways and Rural Works) of this Division from 10th January 1972.

No. 2 A.

**Divisional Engineer (H.R. & W.),
Salem-5.**

TAMIL NADU HOUSING BOARD.

Tender Notice.

Sealed tender with the name of the work and the tenderers duly superscribed are invited so as to reach the undersigned not later than 3:00 p.m. on 5th January 1972 for the supply of 20 mm. water meter, for house-service connection for water supply at Korattur Phase I Scheme. The approximate value and work being Rs. 67,900 and the Earnest Money Deposit payable is Rs. 680.

The tender document can be had from the office of the Executive Engineer, Korattur Division, Tamil Nadu Housing Board, A. A. Nagar, Madras-40, on payment of Rs. 10 plus S.T. plus S.C. (not refundable) per set of the above tender documents specified by chalan from 20th December 1971. The tenders received will be opened at 3:05 p.m. on 5th January 1972 in the presence of tenderers who choose to be present.

No. 1.

Executive Engineer,
Korattur Division.

PUBLIC WORKS DEPARTMENT.

CHIT TENDER NOTICE.

Name of work.—"Construction of Head Sluice for Reservoir across river Chinnar in Denkanikottai taluk, Dharmapuri district."

For and on behalf of the 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 17th January 1972. 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.

(1) Form of agreement is K-2, and E.M.D. is Rs. 4,000. The cost of tender documents including S.T. is Rs. 20-70. Tender documents will be available for sale from 29th December 1971 to 14th January 1972 at the office of the Superintending Engineer, P.W.D., Salem-Dharmapuri Circle, Salem-4.

(2) Earnest Money Deposit will be accepted in the shape of chalan or National Saving Certificates or Deposit at Call receipts of Schedule Banks or demand drafts of Scheduled Banks or State Government Securities or by Madras State Electricity Board Bonds and cost of tender documents is 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, C.R.P. Dn., Panchapalli—Sales-tax under the head XII. Sales tax (d) Miscellaneous".

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

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

Superintending Engineer,
Salem-Dharmapuri Circle, Salem-4.

No. 3

TENDER NOTICE.

Sealed tenders for the supply of diet and other hospital requirements during the period commencing from the first April 1972 or such other date as may be specifically fixed in each case by the authority accepting the tender and ending with the 31st March 1973 for the Hospital attached to the Government College of Indian Systems of Medicine, Palayamcottai, will be received by the Principal, Hospital attached to the Government College of Indian Systems of Medicine, Palayamcottai, acting for and on behalf of and by the order and direction of the Governor of Tamil Nadu at 2 p.m. on Monday, the 24th January 1972.

Copies of conditions of tender, schedule of articles required and one copy of tender form can be had from the office of the Principal, Hospital attached to the Government College of Indian Systems of Medicine, Palayamcottai, on payment of a fee of Rs. 5 with a sales-tax of Re. 0:15 paise. The fee should be remitted into the Reserve Bank of India or into any Government Treasury to the credit of the Madras Government under the head "XXIII—Medical—Misc. II—Director of Medical Education" and the sales-tax under the head "XII—Sales Tax" in a separate chalan. On production of the above two chalans necessary tender forms, etc., may be obtained. The copies of the condition of tender and the schedule of articles and specification of articles should be returned along with the tender papers duly attested by the contractors in token of their having read, understood and agreed to the conditions.

A Solvency Certificate obtained on or after 1st October 1971 and signed by a Tahsildar, one true copy of the same by a Gazetted Officer should be sent along with the tenders.

No rent will be levied from the contractors for the milk shed and store rooms in the hospital.

Income-tax Verification Certificate, Nationality Certificate and Sales-tax Clearance Certificate should be produced by the tenders including co-operative concerns in the prescribed forms, appended to the conditions of tender. The Income-tax Verification Certificate should be produced by the tenderers whose value of the contract exceeds Rs. 10,000. If the value of the contract exceeds Rs. 1,000 a Clearance Certificate of sales-tax should be produced in the form appended.

Principal, Government College of Indian Systems
of Medicine, Palayamcottai.

No. 8-A.

TENDER NOTICE.

DEPARTMENT OF INDUSTRIES AND COMMERCE.

Name of Work.—**Expansion of Manjoor Industrial Co-operative Tea Factory at Manjoor, The Nilgiris.**

For and on behalf of the Governor of Tamil Nadu sealed tenders will be received by the Superintending Engineer, Construction Branch, Industries and commerce Department from contractors of appropriate class of Construction Branch of Industries Department and other Government Departments for the above works up to 3-00 p.m. on 12th January 1972. The tenders will be opened by the Superintending Engineer, Construction Branch, Industries Department, 35/2, Woods Road, Madras-2, in the presence of those tenderers who choose to be present at 3-10 p.m. on the same day.

The work is to be executed on lump-sum. Contract system within 4 months.—E.M.D. is Rs. 2,450 and cost of the tender documents including S.T. Rs. 10-40 Tender documents will be available for sale at the office of the Executive Engineer (Construction), Industries and Commerce, West Division 4, Thiagarajapuram, Vellore, during office hours from 23rd January 1972 onwards.

The cost of tender documents including sales-tax of Rs. 10-40 (non-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), West Division, Industries and Commerce Department, Vellore.

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

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

**Superintending Engineer,
Construction Branch.**

No. 4.

AUCTION NOTICE.

One condemned Willy's Jeep MSX 3649 garaged at the District Survey Unit Office, Fort, Salem-1, will be sold in public auction on 17th January 1972 at 11-00 a.m. by the Assistant Director of Survey and Land Records, Salem-1, at his Office. The condition of sale, etc., will be announced at the time of the sale

will also be published in the successive two issues of Salem District Gazette for November 1971 and December 1971. Those who are interested may inspect the Jeep on any working day between 11-00 a.m. to 5-00 p.m. and further particulars can be had from undersigned.

**Assistant Director of Survey and Land Records,
District Survey Unit Office, Fort, Salem-1.**

No. 10A.

TAMIL NADU WATER SUPPLY AND DRAINAGE BOARD.

CHIT TENDER NOTICE.

Sealed tenders in the prescribed departmental form will be received by the Superintending Engineer (PH), at his office at No. 17, Sir P.T. Rajan Road, Madurai-2, up to 3-00 p.m. as per office clock on 12th January 1972 and will be opened on the same day at 3-30 p.m. in the presence of such of those tenderers who choose to be present. The work is to be executed on lump-sum contract within six months.

Name of work.—**Melur Water-supply Scheme-Supply and delivery of 450 mm. dia. R.C.C. P-2 class pipes and collars—E.M.D. Rs. 3,780—Cost of tender documents including Sales Tax is Rs. 10-37.**

Earnest Money Deposit 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 part to the credit of the Executive Engineer, Public Health Engineering Division, Madurai.

Tender documents can be purchased from the Executive Engineer, Public Health Engineering Division, Madurai, on payment of cash or by sending the amount by M.O. (up to 5-00 p.m. on 6th January 1972).

**Superintending Engineer (PHE),
Madurai-2.**

No. 7 A

TAMILNADU SMALL INDUSTRIES CORPORATION LIMITED.

TENDER NOTICE.

Sealed tenders are invited for the purchase of about 15 M.T. of Tata sheet cuttings available in the TANSI Tool and Forge Works, Coimbatore-21 (one of the units of this corporation). The tenders will be received in this office up to 2 p.m. on 10th January 1972 and will be opened at 3 p.m. on the same day.

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

No. 11, A

Managing Director.

TAMILNADU INDUSTRIAL DEVELOPMENT CORPORATION LIMITED

TENDER NOTICE.

Sealed tenders will be received by the Group Materials Manager at the Corporation Office up to 3.00 p.m. on 31st January 1972 for the supply of about 200 Nos. Bearings.

The tenders will be opened by the Group Materials Manager or by his authorised officer at 3.30 p.m. on the same day in the presence of those tenderers who may be present.

Tender documents can be had from the Corporation's Office at 150-A, Mount Road, Madras, between 11.00 a.m. and 3.00 p.m. on any working day from 25th December 1971 on payment of Rs. 20 per set (non-refundable).

No. 33. **Group Materials Manager.**

TAMIL NADU CEMENTS

TENDER NOTICE.

Sealed tenders are invited up to 21st January 1972 for the Quarrying and Transporting of Late-rite Gravel from Kalanivasal village of Karaikudi Sub-taluk to our factory at Alangulam for a period of one year from January 1972 at the rate of 50 tonnes per day.

The detailed specification tender form and other particulars can be had from **The General Manager, Tamilnad Cements, Tamilnad Cements P.O.** (via) Rajapalayam, Ramanathapuram District on payment of Rs. 10/35 (Rupees ten and paise thirty-five only) which is non-refundable for each copy from 21st December 1971.

No. 32A. **General Manager.**

TAMIL NADU PUBLIC SERVICE COMMISSION

Applications are invited up to 5 p.m. on 25th January 1972 for **two appointments of Inspector of Sericulture in the Tamil Nadu Industries Sub-ordinate Service.**

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

Age.—Below 28 years on 1st July 1972.

Qualification.—(i) The B.A. or B.Sc. degree in Science or B.Sc. degree in Agriculture and (ii) Practical experience for a period of not less than six months in Sericulture.

No age limit for members of Scheduled Castes, Scheduled Tribes and Backward Classes. Goldsmiths affected by the Gold Control order, their sons and unmarried daughters, Ex.-N.C.C. Cadets who were employed as Under Officer Instructors or Sergeant Major Instructors in the N.C.C. in whole time basis on or after 1st January 1963 are allowed concessions in the matter of age-limit. Qualifications including age-limit relaxable in the case of persons demobilised from the

Army, Navy or Air Force who will be below 40 years of age on 1st July 1972, displaced persons from East Pakistan who have migrated to India on or after 1st January 1964 and repatriates from Ceylon and Burma. Particulars and form of application may be obtained from the Secretary, Tamil Nadu Public Service Commission, Madras-2, **on requisition in writing specifying the name of the post and accompanied by a self-addressed stamped (thirty paise) envelope of atleast 23 c.m. in length superscribed as "book-post"**.
No. 9A.

Secretary,

Tamil Nadu Public Service Commission.

PUBLIC WORKS DEPARTMENT.

CHIT TENDER NOTICE.

For and on behalf of the Governor of Tamil Nadu, sealed tenders will be received by the Superintending Engineer, Thanjavur Circle for the following work up to 3 p.m. on 9th February 1972. Form of contract is lump sum and the work should be completed within 6 months.

Name of work—**Construction of 2 Godowns for seed processing unit at Sakkottai.**
E.M.D. Rs. 6,500.

Cost of Tender documents to be remitted into Treasury under the head "P.W. III Other remittance to the credit of the Executive Engineer (Buildings) Division. Tiruvarur is Rs. 30-00 and sales tax to be remitted under the head. "XII Sales Tax e. Receipt under State Sales Tax Act General Sales Tax is Rs. 1.05. Date from which tender documents will be available for sale is 17th January 1972 onwards.

No. 29-A.

**Superintending Engineer,
Public Works Department,
Thanjavur Circle, Thanjavur.**

PUBLIC WORKS DEPARTMENT.

TENDER EXTENSION NOTICE.

Name of work—**Construction of Buildings for New Government Hospital at Chengam, North Arcot District.**

The last date of receipt of tenders for the above work is extended up to 29th January 1972. Tenders will be received up to 3.00 p.m. on 29th January 1972 and will be opened at 3-15 p.m. on the same day.

Tender documents will be available for sale, during office hours from 12th January 1972 to 28th January 1972. All other conditions remain unaltered.

No. 12A.

**Superintending Engineer,
Public Works Department,
Chingleput North-Arcot Circle.**

PUBLIC WORKS DEPARTMENT.

AUCTION SALE NOTICE.

A lorry of this Department Regn. No. MDC. 6493 (Austin 1951 Model) stationed at the Section Office (Public Works Department) Compound at Budalur will be sold in Public Auction in "as is where is" condition at 11-00 a.m. on 28th January 1972 by the Assistant Engineer, Public Works Department, No. I, Sub-division (G.A.C.), Thanjavur at the Section Office (Public Works Department), Budalur. The vehicle can be inspected with the permission of the Section Officer, Public Works Department, Budalur.

The Public Works Department reserves itself the right to accept/reject any offer or to postpone the auction in the interest of the Government. Further details and conditions of the sale can be had from the Assistant Engineer, No. I Sub-division (G.A.C.), Thanjavur.

No. 27A.

**Executive Engineer,
G. A. C. Division, Thanjavur.**

PUBLIC WORKS DEPARTMENT.

TENDER NOTICE.

Name of work—Providing Pile Foundation for the proposed Cancer Block in Government Royapettah Hospital, Madras.

For and on behalf of the Governor of Tamil Nadu, sealed tenders for the above mentioned work will be received by the Superintending Engineer, Public Works Department, Madras-Chingleput Circle, at his office at Chepauk, Madras-5, up to 3.00 p.m. on 12th January 1972 and the same will be opened on the same day at about 3.00 p.m.

Form of contract is lump sum and E.M.D. is Rs. 5,250. Cost of tender documents is Rs. 30 and sales tax Rs. 1.05. Cost of tender documents is to be remitted into the Treasury or Reserve Bank of India, Madras under the head "P.W. Remittances, III. Other Remittances" to the credit of the Executive Engineer, Buildings Division No. I, Madras-5 and the sales-tax is to be remitted under the same chalan into the Treasury or Reserve Bank of India, Madras under the head "XII. Sales Tax-b. Receipts under State Sales Tax Act—General Sales Tax" and the sale of tender documents is between 3rd January 1972 and 11th January 1972 during office hours.

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

No. 26A.

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

HIGHWAYS AND RURAL WORKS DEPARTMENT.

CHIT TENDER NOTICE.

For and on behalf of Governor of Tamil Nadu sealed scheduled tenders will be received by the Superintending Engineer (Highways and Rural Works), Madras Circle, at his office in "Highways Office Buildings" at Guindy, Madras-25, up to 3-00 p.m. on 12th January 1972 for the work noted below :—

Constructing a submersible bridge across Pennar near Alagianatham village (South Arcot district) (2nd call). E.M.D. Rs. 20,875.

Tenders will be opened on the same day, i.e., on 12th January 1972 at 3-15 p.m. by the Superintending Engineer (Highways).

Particulars of tender conditions, schedules, forms and plans can be obtained from the office of the Divisional Engineer (Highways), Cuddalore, on requisition in writing and on payment of Rs. 51.75 (including sales tax) on all working days from 27th December 1971 to 11th January 1972 during office hours. This amount will not be refunded under any circumstances.

The Earnest Money Deposit amount should be remitted into any of the Government Treasuries, within the jurisdiction of the Divisional Engineer (H), Cuddalore under the "REVENUE DEPOSIT" to the credit of the Divisional Engineer (H), Cuddalore, and the receipted chalan should be enclosed with the tender. If the Earnest Money Deposit amount is furnished in the form of bank guarantee obtained from scheduled banks, the guarantee should be accompanied by the Reserve Bank of India's concurrence.

Tenders based on alternate designs will not be considered. Tenders received without the prescribed Earnest Money Deposit will not be considered.

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

No. 28-A

TENDER NOTICE.

Sealed tenders are invited up to 3-00 p.m. on 15th January 1972 for the daily clearance of rubbish accumulated in Government Tamil Arasu Press at No. 166, Anna Salai, Madras-2 for the period from 1st February 1972 to 31st January 1973.

The tenders should be sent in sealed covers by Registered Post with Acknowledgement Due addressed to the Director of Stationery and Printing, Mint Buildings, Madras-1 by name and not by any other means, duly superscribed "Tender for the clearance of rubbish due 15th January 1972." The terms and conditions, etc., can be had from the Director of Stationery and Printing, Madras-1 on any working day.

Director of Stationery and Printing.

No. 31.

SLUM CLEARANCE BOARD

TENDER NOTICE.

Separate sealed tenders with the name of work and the tenderer duly superscribed on the cover are invited for construction of storeyed tenements adopting approved type design 7/71 as detailed below at **Kabalthottam Pallakkumanyam** so as to reach the undersigned not later than upto 3-00 p.m. on 10th January 1972. Cost of tender documents per set for each work is Rs. 15.58.

Batch
number.

Name of work.

- 1 Construction of storeyed tenements above basement level adopting T.D. No. 7/71—E.M.D. Rs. 8,360. Approximate value of work is Rs. 5,57,300. Number of tenements 128—Block Nos. 4, 5, 6 and 7.
- 2 Construction of storeyed tenements above basement level adopting T.D. No. 7/71—E.M.D. Rs. 7,840. Approximate value of work is Rs. 5,22,500. Number of tenements 120—Block Nos. 17, 18, 19 and 20.
- 3 Construction of storeyed tenements above basement level adopting T.D. No. 7/71—E.M.D. Rs. 7,840. Approximate value of work is Rs. 4,18,000. Number of tenements 96—Block Nos. 8, 9 and 10.

Tenders will be opened on the same day at 3-05 p.m. Further particulars and copies of tender documents can be had from this office on payment of cost (not refundable) on all working days between 10 a.m. and 2 p.m. from 30th December 1971. The undersigned reserves the right to accept or reject any or all tenders without assigning any reasons.

No. 17. **Executive Engineer, Slum Clearance
Board, Division V.**

TAMIL NADU WATER-SUPPLY AND DRAINAGE BOARD

CHIT TENDER NOTICE.

For and on behalf of the Governor of Tamil Nadu, sealed tenders (in the prescribed form) will be invited by the Superintending Engineer, T.W.S. and D.B., Veeranam Project Circle, Chepauk, Madras-5, from the registered Public Works Department contractors of the appropriate class for the work of **Manufacturing and supplying mechanically vibrated precast cement concrete slabs for revetment works in the reach between the College Bridge and Andrews Bridge of Cooum River, Madras.**

Form of contract is K-2. E.M.D. is Rs. 2,500 and cost of tender documents Rs. 10 plus sales tax as in force.

E.M.D. is to be remitted under P.W.—III O.R. in Government Treasury chalan to the credit of Executive Engineer, Cooum Improvements Division, Madras-5, and sales tax as under XII-b. Sales Tax—Miscellaneous

in separate Government chalan and tender documents will be available for sale from 20th December 1971 to 12th January 1972 and the last date for receipt of tender is 3-00 p.m. on 17th January 1972.

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

No. 6A. **Superintending Engineer, T.W.S and D.B.,
Veeranam Project Circle, Madras-5.**

TENDER NOTICE.

For and on behalf of Tamil Nadu Slum Clearance Board, sealed tenders with name of work and tenderer duly superscribed on the cover are invited from registered contractors by the Executive Engineer, Slum Clearance Board, Division V at his office at Nandanam, Madras-35, up to 3-00 p.m. on 10th January 1972 for the following works at Kotturpuram. The tenders will be opened by the undersigned at 3-05 p.m. On the same day in the presence of the tenderers who choose to be present at that time. Each work is to be executed in 8 months on L.S. Contract and cost of tender documents per set of each work is Rs. 15 plus S.T.

1. Construction of 1 block of 24 in 1 and 1 block of 18 in 1 one roomed three storeyed tenements as per drawing S.D. No. 217/70 at Kotturpuram (Block Nos. 26 and 27). E.M.D. Rs. 2,820. Approximate value of work is Rs. 1,88,000.

2. Construction of 1 block of 18 in 1 one roomed three storeyed tenements as per drawing S.D. No. 217/70 at Kotturpuram (Block 36). E.M.D. Rs. 1,170. Approximate value of work is Rs. 78,000.

3. Construction of 2 blocks of 18 in 1 single roomed three storeyed tenements as per drawing S.D. No. 217/70 at Kotturpuram (Block Nos. 52 and 39). E.M.D. Rs. 2,340. Approximate value of work is Rs. 56,000.

The tender documents can be had from the office of the Executive Engineer on all working days between 11-00 a.m. to 3-00 p.m. from 30th December 1971 only on production of receipted chalan towards the cost of tender schedules plus sales tax. The cost of tender schedule may be remitted to the credit of the Executive Engineer, Slum Clearance Board, Division V, under the head of T. Deposits and Advances, Part I—Deposits bearing interest—(B) Other Deposits—Deposits of Slum Clearance Board. The sales tax may be remitted under the head XII Sales Tax Act—General Sales Tax.

Right is reserved to reject one or all tenders received without assigning any reason therefor.

No. 34.

Executive Engineer.

HIGHWAYS AND RURAL WORKS DEPARTMENT.

TENDER.

Annual maintenance for Government Roads for the year 1972-73, Vellore Division.

For and on behalf of the Governor of Tamil Nadu sealed tenders will be received on percentage basis by the Divisional Engineer (Highways and Rural Works), Vellore in this office at Vellore upto 3 p.m. (as per the Divisional Engineer's Office clock) on 21st January 1972 for Annual Maintenance for Government Roads for the year 1972-73. Tenders will be opened on the same day at 3-15 p.m. in the presence of the contractors or their authorised agents.

Particulars of tender in the prescribed tender forms can be had from the "Manager, Office of the Divisional Engineer (Highways and Rural Works), Vellore", North Arcot district on application in writing in all working days during office hours from 10th to 19th January 1972 on payment of Rs. 6/21 (rupees six and paise twenty-one only) including sales tax which is not refundable at any cost (chalan only accepted).

Details of works and E.M.D. required for each work will be notified in the notice board of the office of the Divisional Engineer (Highways and Rural Works), Assistant Engineer (Highways and Rural Works), and Section Officer (Highways) in this Division.

The E.M.D. required for the works shall be remitted in any Government Treasuries within jurisdiction of the Divisional Engineer (Highways and Rural Works) under "REVENUE DEPOSIT" to the credit of the Divisional Engineer (Highways and Rural Works), Vellore and receipted chalan should be enclosed along with the Tender. Tenders received without chalan for remittance of E.M.D. will be rejected.

**Divisional Engineer (Highways and Rural
Works), Vellore, North Arcot district.**

No. 13A.

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 (T.W.A.D. Board), P.W.D., Highways and Rural Works or any other similar Government Departments by the Superintending Engineer (P.H.E.) at his office at No. 17, Sir P.T. Rajan Road, Madurai-2, upto 3-00 p.m. on 19th January 1972 (Wednesday) and they will be opened on the same day at 3-30 p.m. The work should be completed within six months.

Name of work—

**Periyakulam Drainage Scheme—Supply, delivery
and erection of pumpsets and accessories.**

Form of contract is lumpsum and E.M.D. Rs. 4,875 and cost of tender documents is Rs. 15/55 including sales tax.

E.M.D. 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, 14-K, Ramamoorthy Road, Madurai-2.

Tender documents can be obtained from the Executive Engineer, Public Health Engineering Division, 14-K, Ramamoorthy Road, Madurai-2 upto 5-00 p.m. on 17th January 1972.

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

No. 14-A.

TAMIL NADU FOREST DEPARTMENT. SALE NOTICE.

The auction sale of the Fuel Coupes and Clear Felling Coupes of Madurai South Division for 1972-73 will be held at the District Forest Office, Madurai South Division, Madurai-20 at 10 a.m. on 7th February 1972 and 10-30 a.m. on 8th February 1972 respectively.

Further particulars may be obtained from the District Forest Officer or the concerned Forest Range Officers.

**District Forest Officer,
Madurai South Division, Madurai-20.**

No. 16A.

OOTACAMUND MUNICIPALITY. TENDER NOTICE.

Sealed tender will be received by the Commissioner, Ootacamund Municipality or in his absence by the Manager, Municipal Office upto 3-30 p.m. on 10th January 1972 for the supply of 6 Nos. of Tarpaulins of the size 22' x 18'.

Tender schedule forms and conditions of the contract can be had from the Manager, Municipal Office, Ootacamund on payment of Rs. 4/12 per set on any working day during office hours.

No. 30.

Municipal Commissioner.

TAMIL NADU JAIL DEPARTMENT. TENDER NOTICE.

Sealed tenders are invited upto 3 p.m. on 2nd February 1972 for the supply of ration articles, etc., during 1972-73 to the sub-jails at Poonamallee, Saidapet, Chingleput and Madurantakam. Rates should be quoted per Convict/Remand Prisoner per day. Tenders should be sent in a sealed cover to the Superintendent, Central Jail, Madras by name superscribed "Tender for the supply of ration articles, etc., to the Sub-Jail (here mentioned the institution to which the tender relates) by Registered post acknowledgment due. *On no account the tenders will be accepted in person.* Tenders received will be opened by the Superintendent, Central Jail, Madras at 4 p.m. on 3rd February 1972 in his office.

Tender forms, tender conditions and schedule can be had from the Superintendent, Central Jail, Madras and at Sub-Jails concerned on payment of Rs. 1/05. The cost of the tender form is not refundable.

**Superintendent,
Central Jail, Madras-3.**

No. 24-A.

FOR YOUR REQUIREMENTS OF :

M.S. ROUNDS, SQUARES, FLATS,
ANGLES, CHANNELS, R.S. JOISTS, M.S.,
G.I., CRCA., GC SHEETS, ETC., ETC.

Please contact :

AMAR INDUSTRIAL CORPORATION

69, SEMBUDOSS STREET

MADRAS-1

Phones : 23799
&
27587

Telex : MS 7133 AMAR
Telegram : CHOURARIA

Head Office :

2/13, B.V.K. Iyengar Road,
BANGALORE-2A.

33, BRABOURNE ROAD,
CALCUTTA-1.

510, Giriraj Sant Tukaram Road,
BOMBAY-9.

PUBLIC WORKS DEPARTMENT.

CHIT TENDER NOTICE.

1. For and on behalf of the Governor of Tamil Nadu sealed tenders will be received by the Superintending Engineer, Public Works Department, Tirunelveli, Kanyakumari Circle, Palayamkottai, for the work mentioned below up to 3-00 p.m. on 28th January 1972. The tenders will be opened at 4-00 p.m. on the same day.

Name of work—Constructing an anicut across Vaippar near Athankarai Village—E.M.D. Rs. 17,500.

Form of contract is lump sum and cost of tender documents is Rs. 20 and Sales Tax 0-70 paise. The work should be completed within 18 months.

2. The cost of tender documents (which will not be refunded under any circumstances) is to be remitted in any treasury under the head P.W. III OR receipt on account of Executive Engineer, Public Works Department, Tuticorin division, Tuticorin and the Sales Tax under the head "XII. S.T. (b) receipt under the State Sales Tax Act, General Sales Tax."

3. Tender schedules and other documents can be had either by post or in person from the Office of the Superintending Engineer, Public Works Department, Tirunelveli, Kanyakumari Circle, Tirunelveli-2, during office hours on all working days from 10th January 1972 to 23rd January 1972 on application to the Manager with the receipted chalan towards the cost of tender documents and sales tax. Applications received after that date will not generally be considered.

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

No. 41A.

**Superintending Engineer,
Public Works Department,
Tirunelveli, Kanyakumari Circle.**

TAMIL NADU WATER SUPPLY AND DRAINAGE BOARD—VEERANAM PROJECT.

Name of work—Construction of a Pre-stressed Concrete bridge to carry the Pre-stressed concrete pipeline across river Vellar in South Arcot District.

For and on behalf of the Tamil Nadu Water Supply and Drainage Board sealed tenders for the above work in the prescribed form will be received from Registered contractors of Public Works Department, or other Government Departments and firms of repute by the Special Chief Engineer, Veeranam Water Supply Scheme and Cooum Improvements Project, Chepauk, Madras-5, in his office up to 3-00 p.m. on 19th January 1972 and will be opened at 3-30 p.m. on the same day.

The form of agreement is lump-sum and the work should be completed within 10 months. E.M.D. is Rs. 10,000 and cost of tender documents Rs. 10 plus S.T. of Re. 0-37.

The cost of tender schedule which will under no circumstances be refunded shall be remitted into Government Treasury or Reserve Bank of India under the head "III Suspense G. Remittance (iii) Other remittances—Tamil Nadu Water Supply and Drainage Board Funds" to the credit of the Executive Engineer, Veeranam Project Division, Vadakuthu. The tender schedule can be obtained from the Office of the Special Chief Engineer, Veeranam Water Supply Scheme, Madras-5 on production of the chalan of payment, from 3rd January 1972 to 17th January 1972.

No. 37A.

**Special Chief Engineer,
Tamil Nadu Water Supply and
Drainage Board.**

PUBLIC WORKS DEPARTMENT.

Name of work—Formation of a tank across jungle stream near Naralapalli village of Krishnagiri taluk, Dharmapuri District.

For and on behalf of Governor of Tamil Nadu, sealed tenders will be received by the Superintending Engineer, Public Works Department, Salem, Dharmapuri Circle, Salem-4 for the above work up to 3-00 p.m. on 24th January 1972. Tender 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 is K-2. E.M.D. is Rs. 6,900 and the cost of tender documents Rs. 15 plus Sale Tax of 0-53 paise. The tender documents will be available for sale from 13th January 1972 to 22nd January 1972 at the Superintending Engineer Office, Public Works Department, Salem-Dharmapuri Circle, Salem-4.

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 Tamil Nadu State Electricity Board Bonds.

Cost of tender documents is to 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, Public Works Department, Dharmapuri Division, Dharmapuri and Sales Tax under the head "XII. Sales tax (d) Miscellaneous".

(State Government Securities and Tamil Nadu State Electricity Board Bonds will be accepted at 25 per cent below face value. Deposits at Call receipts and fixed deposit receipts will be accepted as Earnest Money deposit subject to realisation deciding the tenders).

No. 74A.

**Superintending Engineer,
Public Works Department.**

TIRUCHIRAPPALLI MUNICIPALITY

TENDER NOTICE.

Sealed tenders will be received by the Commissioner up to 4-00 p.m. on 17th January 1972 for the supply of 20 Horse Power Submersible Pumpset Tender conditions and other particulars can be had from the Municipal Engineer's office on application or in person.

No. 35.

Commissioner.

HIGHWAYS AND RURAL WORKS DEPARTMENT.

THANJAVUR DIVISION. TENDERS

Annual Maintenance of Government Roads.

For and on behalf of Governor of Tamil Nadu Sealed Tenders in Schedule Forms will be received from the Registered Contractors by Divisional Engineer, (Highways and Rural Works) Thanjavur at his office at 'PANAGAL BUILDINGS', Thanjavur up to 2 p.m. (as per Division Office clock) on 19th January 1972 for all maintenance works of Government roads for the year 1972-1973 and the tenders received will be opened at 2-15 p.m. on the same day in the presence of the Contractors or their authorised Agents.

Tender Forms and Schedules can be had from the Manager and Divisional Accountant of the Divisional Engineer's Office (Highways and Rural Works), Thanjavur on requisition in writing and on payment of Rs. 5.20 (rupees five and paise twenty) (per set including sales tax which is not refundable) on all working days during office hours from 10-30 a.m. to 5 p.m. commencing from 10th January 1972 to 18th January 1972 (both days inclusive). No tender schedules and Forms will be sold on the date of tender i.e. 19th January 1972.

The list of works with Earnest Money Deposit for each work and the condition of tender, etc., will be notified in the Notice Board of the Office of the Divisional Engineer, (H. & R. W.), Thanjavur and all offices of the Assistant Engineers, (H. & R. W.), and the Section Offices (H. & R. W.) in Thanjavur Division.

The Earnest Money Deposit should be remitted in any of the Government Treasuries within the jurisdiction of the Divisional Engineer, (H. & R. W.), Thanjavur under the Head of "Revenue Deposit" and chalan receipt shall be enclosed with the Tender. Earnest Money Deposit in the shape of 12 years N. D. C. State Government Securities, Tamil Nadu State Electricity Board Bonds, Bank Guarantees, Deposit at call receipts, Demand draft issued on Schedule Banks obtained in favour of the Divisional Engineer, (H. & R. W.), Thanjavur will also be accepted. Tenders received without Earnest Money Deposit, Income Tax Verification Certificate and Sales Tax Clearance Certificate are liable to be rejected.

Divisional Engineer,
Highways and Rural Works
Thanjavur.

No. 79

HIGHWAYS AND RURAL WORKS DEPARTMENT GOVERNMENT ROADS.

Annual road maintenance works—Krishnagiri Highways and Rural Works Division for the year 1972—1973.

For and on behalf of Governor of Tamil Nadu Sealed tenders on percentage basis will be received by the Divisional Engineer (Highways and Rural Works), Krishnagiri at his office at Krishnagiri up to 2 p.m. as per Division Office clock) on 19—1—1972 for Government works. Tender will be opened by the Divisional Engineer (Highways and Rural Works) Krishnagiri at 2.15 p.m. on the same day.

Tender forms can be had from the Manager, Divisional Engineer's (Highways and Rural Works) Office, Krishnagiri on payment of Rs. 5.18 per set including Sales Tax (not refundable) on all working days during office hours commencing from 10—1—1972 to 18—1—72. The tender documents will not be sold on tender date, i.e. on 19—1—1972.

Tenders received without E.M.D. will be rejected, E.M.D. intended for the work should be remitted into any Government Treasury to the credit of "Revenue deposit—Divisional Engineer (Highways and Rural Works), Krishnagiri".

Income-tax verification and sales tax clearance certificate should be enclosed along with the tender if they have not already been produced, else the tenders are liable to be rejected.

Divisional Engineer,
Highways and Rural works,
Krishnagiri.

No. 80.

HIGHWAYS AND RURAL WORKS DEPARTMENT REVISED CHIT TENDER NOTICE.

The tender date fixed for the work noted below on 29—12—1971 is postponed to 19—1—1972. The sealed schedule tender for the work noted below will be received on behalf of Governor of Tamil Nadu by the Superintending Engineer (H) Special Circle for N.H. Works at Kuralagam, Madras-1, up to 3 p.m. on 19-1-72. The tender will be opened at 3.15 p.m. on the same day by the Superintending Engineer (H) Special Circle for N.H. Works, Madras-1.

Name of work.—Constructing a bridge across Cauvery in Bhavani Kumarapalayam Bye-pass road on N.H. 47 E.M.D. Rs. 1,15,550.

The tender documents will be available from 21-12-1971 to 18-1-1972 and can be obtained from the Office of the Divisional Engineer, (H) Special N.H. Execution Division, Salem and no change in other conditions.

No. 81

Superintending Engineer (H).

HIGHWAYS AND RURAL WORKS DEPARTMENT —NAMAKKAL DIVISION.

ANNUAL MAINTENANCE OF GOVERNMENT ROADS FOR THE YEAR 1972—1973.

For and on behalf of and by order and direction of the Governor of Tamil Nadu sealed tenders for the maintenance works of all the Government roads in Namakkal Division for 72—73 on percentage basis will be received from the Registered Contractors by the Divisional Engineer (H. & R.W.) Namakkal at his office at Namakkal up to 3-30 p.m. (as per division office clock) on 28-1-1972 and the tenders received will be opened at 4-00 p.m. on the same day in the presence of the contractors of their authorised agents who are present.

Tender documents can be had from the Manager and Divisional Accountant of Namakkal (H. & R.W.) Division on requisition in writing and on payment of Rs. 3.11 per set (including Sales Tax, not refundable) in all the office working days during the office hours from 10-30 a.m. to 5.00 p.m. commencing from 10—1—1972 to 27—1—1972 (both the days inclusive). The tender documents will not be sold on 28—1—1972 on any account.

Tenders received without the required E.M.D. will be rejected. The E.M.D. should be remitted into the Government Treasury under the head of “REVENUE DEPOSIT” in favour of the Divisional Engineer (H. & R. W.) Namakkal and the receipted chalan should be enclosed along with the tender. Madras loan bond duly endorsed in favour of the Divisional Engineer (H. & R. W.) Namakkal and Bank draft will also be accepted as E.M.D. If bank guarantee is produced towards E.M.D. the concurrence of the Reserve Bank of India to the Bank guarantee should also be enclosed along with the tender failing which the tender will be rejected.

Income-Tax verification and Sales Tax clearance certificates should be enclosed along with the tenders, if they have not already been produced, failing which the tenders are liable for rejection.

The list of works and the E.M.D. to be paid for each work and the other tender conditions etc., will be published in the Notice Board of the Division office (H. & R.W.) Namakkal and in the office of the Assistant Engineers (H. & R. W.) and Section Officers of Namakkal Division from 10—1—1972.

82-A. **Divisional Engineer (H. R. W.) Namakkal.**

TAMIL NADU FOREST DEPARTMENT. RE-TENDER NOTICE.

Sealed Tenders are invited by the Divisional Forest Officer, Cherangode Tea Division, Gudalur Bazaar Post, Nilgiris District for and on behalf of the Governor of Tamil Nadu to reach him before 11.00 a.m. on 17-1-72 for carrying of out the following works. Each Tender must be accompanied by Earnest Money Deposit noted against each work in the Treasury receipted chalan.

Serial number, Name of the work	Approximate	Earnest
	Cost.	Money Deposit.
	Rs.	Rs.
1 Soling Cherangode Main Road	22,700	750

2 Soling Road No. II	21,800	700
3 Construction of 15 culverts in the Cherangode Main Road.	12,500	400
4 Soling Loop Road	6,250	200
5 Soling the Road leading to 1970 —71 nursery.	9,500	300
6 Soling Road No. I & I-A	9,500	300

Time allowed for the completion of works is up to 31st March 1972. Tender Forms and Tender Documents can be had on payment of Rs. 4.12. For further details apply to the undersigned.

No. 83-A.

Divisional Forest Officer.

TENDER NOTICE.

For the Supply of Articles of diet and other Hospital Necessaries required for the year 1972-1973.

Notice is hereby given that sealed tenders for the supply of diet and other hospital requirements for one year from 1st April 1972 to 31st March 1973 for the undermentioned Medical Institutions will be received up to 2 p.m. on Friday the 7th January 1972, by the medical officer incharge of the respective institutions.

2. Printed copies of the conditions of tender, schedule of articles required for each hospital, and copies of tender form can be had from the Medical Officer-incharge of the Hospitals by producing chalan for Rs. 5.18 (Rupees Five and piase eighteen only) being the cost of tender form inclusive of the cost of Sales Tax. Out of this, a sum of Rs. 5 (Rupees Five only) should be credited to the head “XXIII. Medical-I. Director of Health Services and Family Planning-Miscellaneous-Other receipts and a sum of Rs. 0.18 (Rupce Nil piase eighteen only) should be credited to the head “XII. Sales Tax Act” Receipts under the Sales Tax Act General Sales Tax respectively. The amount should be paid into the Reserve Bank of India, Madras, or any of the branches of the State Bank of India, or any Government Treasury and the receipt produced.

Dharmapuri District.

- 1 Government Headquarters Hospital, Dharmapuri.
- 2 Government Hospital, Krishnagiri.
3. Govenment Hospital, Harur.
4. Government Hospital, Hosur.
5. Government Hospital, Kaveripattinam.
6. Government Hospital, Palacode.
7. Government Hospital, Uthangarai.
8. Government Hospital, Denkanikottah.
9. Government Leprosy Control Unit, Krishnagiri.

1. *Note.*—Each tender must be in the prescribed form which can be had from the respective, officers accompanied by a solvency certificate obtained on or after 1st October 1971 and signed by a Tahsildar, or a true copy of the same attested by a Gazetted Officer;

2. Sales Tax clearance certificates, Income-Tax Clearance Certificates, and Nationality Certificates should be attached to the tenders, the forms of which can be had from the respective officers.

**Assistant District Medical Officer,
Dharmapuri.**

No. 84.

AGRICULTURE DEPARTMENT

AUCTION NOTICE.

A public auction will be conducted for the disposal of the condemned type tractors T.D.14.1 No., T.D. 9.1 No., T.D. 6.2 Nos., T.6.4 Nos. and surplus new spare parts, plough spares of Bulldozers and Tractors (W.6, T.6, T.D.9, and T.D. 14) in the premises of Government Agricultural Implements Workshop at Pavithiramanickam, Elavangargudi Post, Tiruvurur, Thanjavur District, Tamilnadu at 3 p.m. on 17th January 1972. Also unserviceable spares of tractors and bulldozers (original value) worth of Rs. 5 lakhs will be sold in public auction on the same day at 10 a.m. Intending bidders may participate in the auction.

Particulars regarding the list of surplus new spares, conditions of auction sale may be obtained from the above office on payment of Re. 1-04 (Rupee one and paise four only) by Money Order or Demand Draft (not refundable) from 1st January 1972 to 11th January 1972.

The condemned vehicles and the unserviceable spares may be inspected at the above premises during any working day between the office hours.

The undersigned reserves full rights either to accept or to reject any of the bids without assigning any reasons thereof.

No. 58.

**General Superintendent,
Agricultural Implements Workshop,
Tiruvurur.**

COIMBATORE MUNICIPALITY

TENDER NOTICE

Sealed tenders for the following works are invited by the Commissioner, Coimbatore Municipality up to 3 p.m. on 12th January 1972. Tenders should be addressed to the Commissioner, Coimbatore Municipality superscribed with the name of the work and due date as 12th January 1972 in separate covers for each work. Tenders will be opened by the Municipal Civil Engineer at 3-30 p.m. at his office on the same day. The tender schedule, conditions of tender, etc. can be had from the office of the Municipal Civil Engineer, on payment of amount noted against each item into the Municipal Treasury. The works (1) and (2) should be completed within six months each and work (3) in three months.

1. Construction of Godown in ground floor and office in First floor at Rangai Gowder Street in Coimbatore. E.M.D. Rs. 1,130, Cost of Schedule Rs. 10-35.

2. Construction of I Floor class rooms over the ground floor at Ramalingam Colony Elementary School in Coimbatore. E.M.D. Rs. 1,400, Cost of schedule Rs. 10-35.

3. Construction of compound wall around T.S. No. 483/3 at Selvapuram in Coimbatore. E.M.D. Rs. 763, Cost of Schedule Rs. 5-18.

No. 4

Commissioner.

TAMIL NADU HOUSING BOARD

Sealed tenders with the name of work and the tenderer duly superscribed on the cover are invited for the following work so as to reach the undersigned not later than 6th January 1972. The tenders will be opened at 3-05 p.m. on the same day in the presence of the tenderer who choose to be present. Form of contract is lump sum and the approximate value of work is Rs. 1,86,000.

Name of the work: **Construction of 6 Blocks of LIG Flats as per T.D. No. 2-B/70 at Indiranagar (24 flats).** E.M.D. Rs. 2,800.

The cost of tender documents is Rs. 10-00 plus S.T. The tender schedule, etc., can be had from the Office of the Executive Engineer (South) between 10-00 a.m. and 2-00 p.m. on all working days.

No. 66.

**Executive Engineer,
(South).**

PUBLIC WORKS DEPARTMENT

Name of work : **Construction of Additional class room for post graduate course for Government Arts-College, Salem.**

For and on behalf of Governor of Tamilnadu, sealed tenders will be received by the Superintending Engineer, Public Works Department, Salem—Dharmapuri Circle, Salem-4, for the above work up to 3-00 p.m., on 17th January 1972. 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 is lumpsum. E.M.D. is Rs. 4,000 and cost of tender documents is Rs. 20 plus sales tax of 0-70 paise. Period of completion is eight months.

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.

Cost of tender documents is to 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, Buildings Division, Salem-5" and Sales Tax is to be remitted under the head "XII. Sales Tax (d) Miscellaneous".

Dates from and up to which tender documents will be available for sale at the Office of the Superintending Engineer, Public Works Department, Salem—Dharmapuri Circle, Salem-4, is from 29th December 1971 to 13th January 1972.

(State Government Securities and Madras State Electricity Board Bonds will be accepted at 25 per cent below face value. Deposits at Call receipts and fixed deposit receipts will be accepted as Earnest Money Deposit subject to realisation deciding the tenders.)

No. 67.

**Superintending Engineer,
Public Works Department,
Salem—Dharmapuri Circle,
Salem-4.**

HIGHWAYS AND RURAL WORKS DEPARTMENT.

CHIT TENDER NOTICE.

For and on behalf of the Governor of Tamil Nadu, sealed tenders will be received by the Superintending Engineer (Highways), Special Circle for N.H. Works, Madras-1 at his office at Kuralagam Buildings' IVth Floor, Madras-1 up to 3-00 p.m. on 12th January 1972 for the work noted below.

Name of work—**Reconstructing the bridge at KM. 173/8 (M. 106/8) of N.H. 45 Trichy-Dindgul road.** E.M.D. Rs. 4,330.

The tenders will be opened on the same day (i.e.), on 12th January 1972 at 3-15 p.m. by the Superintending Engineer (Highways), Special Circle for N.H. Works, Madras-1.

Particulars of tender conditions, schedule form and plans can be obtained from the office of the Divisional Engineer (Highways), Special Division II, N.H. Works, at Guindy, Madras-25 from 5th January 1972 to 11th January 1972 on payment of Rs. 25 (including sales tax) in all working days during office hours. This amount will not be refunded under any circumstances.

The earnest money deposit noted above should be remitted in any one of the Government Treasuries within the jurisdiction of the Divisional Engineer (Highways), N.H. Special Division II, Madras-25 under the head of "Revenue Deposit", the credit of the Divisional Engineer (Highways), Special Division II for N.H. Works, Guindy, Madras-25 and the receipted chalan should be enclosed with the tender.

Tenders received without the prescribed E.M.D. will not be considered.

No. 57.

**Superintending Engineer
(Highways).**

TAMIL NADU ELECTRICITY BOARD

TENDER NOTICE

For and on behalf of Tamil Nadu Electricity Board, sealed tenders with the Specification No. E. 1522 and due date superscribed on the cover are invited by the undersigned for the supply of the following item. Cost of specification is Rs. 50 and last date for receipt of tender is 12-00 noon on 10-2-1972.

Tenders for supply, Erection, Testing Commissioning and Handing over of 5 MVAR and 2 MVAR 11 KV Shunt Capacitors—E.M.D. Rs. 5,000.

The tenders will be opened in the presence of such of those tenderers who may be present at 3 p.m. on the due date. Tenders received after the due date will not be considered. Copy of the Specification can be obtained by remitting either by cash or by money order, the amount noted above to the *Accounts Officer*, Madras Electricity System (Distribution), 157, Anna

Salai, Madras-2, noting the specification No. and sending the cash receipt or money order receipt as the case may be to the undersigned with a requisition, furnishing complete postal address. The Board reserves the right not to accept the lowest or any tender. The Board also reserves the right to split the tenders, revise the quantity and place orders for supply covered by this Specification on one or more tenderers.

Tenders received after the due date will be summarily rejected.

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

No. 69

TAMIL NADU WATER SUPPLY AND DRAINAGE BOARD

CHIT TENDER NOTICE

For and on behalf of the Tamil Nadu Water Supply and Drainage Board, sealed tenders will be received by the Superintending Engineer, Public Health Engineering Circle of Tamil Nadu Water Supply and Drainage Board at his office at 25-1, Third Street, Tatabad, Coimbatore-12 up to 3 p.m. on 27th January 1972 and will be opened on the same day at 4 p.m. in the presence of tenderers who choose to be present at the time of opening. Form of contract is lumpsum and the work is to be completed in 6 months. Cost of tender documents is Rs. 20.70.

Name of work—**Pollachi W.S. Improvements scheme II stage—Construction and initial maintenance of 8 MLD (about 1.80 MGD) water treatment plant with rated capacity of 3,50,000 LPH (about 80,000 GPH) complete with Civil Works.**

E.M.D.—

Rs. 12,500 (Rupees twelve thousand and five hundred only) in the shape of treasury chalan remitted into the treasury within the jurisdiction of the Executive Engineer (P.H.), Coimbatore-2 to the credit of the Revenue Deposit on behalf of the Executive Engineer (P.H.) or D/D or Bank guarantee from any nationalised Bank payable on par to the credit of the Executive Engineer (P.H.), Coimbatore-2.

Period of sale of tender documents is from 18th December 1971 to 25th January 1972. Necessary tender documents can be had from the Office of the Executive Engineer (P.H.), 11/8, Bashyagaralu Road, R.S. Puram, Coimbatore-2 by remitting the cost of tender documents either in cash or by money order.

The Superintending Engineer (P.H.) Circle, Coimbatore-2, reserves himself the right of accepting any or rejecting all tenders without assigning any reasons therefor.

Superintending Engineer.

No. 70

HIGHWAYS AND RURAL WORKS DEPARTMENT.

Annual Road Maintenance Tender Notice For 1972-73.

For and on behalf of the Governor of Tamil Nadu, sealed tenders on percentage basis will be received by the Divisional Engineer (Highways and Rural Works) Chingleput at his office at No. 12/13, Varadha Reddy Street, Vedachalam Nagar, Chingleput up to 2:00 p.m. (as per Division Office Clock) on 19th January 1972 for all Government road maintenance works for the year 1972-73.

The tenders received will be opened on the same day at 2:05 p.m. in the presence of contractors or their authorised agents.

Particulars of tender conditions and Schedule forms can be obtained from the Manager of Divisional Engineer's Office (Highways and Rural Works), Chingleput on payment of Rs. 3-11 (Rupees Three and paise eleven only) per set including sales tax (not refundable) on all working days from 10th January 1972 to 18th January 1972 during office hours.

The Earnest Money Deposit noted in the list for each work should be remitted into any of the Government Treasuries within the Division jurisdiction to the credit of the Divisional Engineer (Highways and Rural Works), Chingleput under the head "Revenue Deposit" and the receipted chalan should be enclosed with the tender. Tenders received without the prescribed Earnest Money Deposit will be summarily rejected.

The list of works showing the value of contract and Earnest Money Deposit to be remitted will be published in the Division Office and Sub-Division Office Notice Boards from 10th January 1972.

No. 55. **Divisional Engineer,
(Highways and Rural Works),
Chingleput South Division,
Chingleput.**

TENDER NOTICE.

Sealed tenders will be received up to 3 p.m. on 20th January 1972 for the supply of the following by the Dean, Madurai Medical College, Madurai for the period from 1st April 1972 to 31st March 1973.

"Firewood, Mixed Jungle variety well dried and split up into pieces of 18" length suitable for the gas house, of the College".

The rates tendered should be for one metric tonne. Tender forms (cost Rs. 5-00 and S.T. 0-18) and other details can be had from the Office of the Dean, Madurai Medical College, Madurai during office hours on working days.

**Dean,
Madurai Medical College.**

No. 56.

TENDER NOTICE

DEPARTMENT OF INDUSTRIES AND COMMERCE

Name of work—

Construction of Office and Workshop buildings for the T.A.N.S.I.—Furniture and Engineering Works at Developed Plots Estate, Kappalur, Madurai.

For and on behalf of the Governor of Tamil Nadu, Sealed Tenders will be received by the Superintending Engineer, Construction Branch, Industries and Commerce Department from Contractors of appropriate class of Construction Branch of Industries Department and other Government Departments for the above works up to 3 p.m. on 11th January 1972. The tenders will be opened by the Superintending Engineer, Construction Branch, Industries Department, 35/2, Woods Road, Madras-2 in the presence of those tenderers who choose to be present at 3-10 p.m. on the same day.

Form of agreement is L.S. E.M.D. is Rs. 3,000. Cost of tender documents with Plans including sales tax is Rs. 10.40. The work is to be executed in six months.

Tender documents will be available for sale at the office of the Executive Engineer (C) Madurai Division, Industrial Estate, Madurai, during office hours from 28th December 1971.

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 (C) Madurai Division, Industrial Estate, Madurai.

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

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

**Superintending Engineer,
Construction Branch.**

No. 71

TAMIL NADU ELECTRICITY BOARD.

Tender Notice

For and on behalf of Tamil Nadu Electricity Board sealed tenders against specification No. E.1525 and due date superscribed on the cover are invited by the undersigned for the supply of the following items:—

Twelve Nos. portable diesel generating sets 440/400 volts. 3 phase A.C. 50 C.P.S. with suitable control panel, switches etc., with limiting device for over voltage protection of following capacities:—

1. 200 KW. 440/400 V. 3 phase A.C. 50 C.P.S.—1 No.
2. 125 KW. 440/400 V. 3 phase A.C. 50 C.P.S.—2 Nos.
3. 100 KW. 440/400 V. 3 phase A.C. 50 C.P.S.—2 Nos.
4. 80 KW. 440/400 V. 3 phase A.C. 50 C.P.S.—4 Nos.
5. 60 KW. 440/400 V. 3 phase A.C. 50 C.P.S.—1 No.
6. 25 KW. 440/400 V. 3 phase A.C. 50 C.P.S.—2 Nos.

Offers from ready stock will merit consideration. Further, if the above capacity units are not in stock and capacities nearer the above requirement, say 190 KW. to 220 KW. for 200 KW. requirement, may also be considered. As these units are required urgently stock offers alone need be given with all name plate details of the diesel set as well as A.C. generating sets.

Tenders should accompany an Earnest Money Deposit of Rs. 5,000. Tenders not accompanying Earnest Money Deposit will not be considered. The due date for opening of tender is 10th January 1972.

The tenders will be opened in the presence of such of those tenderers who may be present at 3-00 p.m. on the due date. Tenders received after the due date will not be considered. Earnest Money Deposit may be remitted either by Cash or by Money Order, to the amount noted above to the *Accounts Officer*, Madras Electricity System (Distribution), 157, Anna Salai, Madras-2, noting the specification No. and sending the Cash receipt or Money Order receipt as the case may be to the undersigned with a requisition, furnishing complete postal address. The Board reserves the right not to accept the lowest on any tender. The Board also reserves the right to split the tenders, revise the quantity and place orders for supply covered by this specification on one or more tenderers.

Tenders received after the due date will be summarily rejected.

No. 117.

**Superintending Engineer,
Technical/Electrical.**

Tender Notice.

Sealed tenders will be received by the Superintending Engineer, Public Works Department, Ramanathapuram Circle at Madurai at his office for and on behalf of the Governor of Tamil Nadu up to 4 p.m. on 20th January 1972 for the following work. The tenders will be opened by the Superintending Engineer in the presence of the tenderers who choose to be present at 4-30 p.m. on the same day.

Name of work—Construction of Quarters for 1 Head Constable and 16 Police Constables at Kundrakudy in Tiruppathur Taluk, E.M.D. Rs. 5,000 and security deposit Rs. 5,000 or as specified.

Form of contract is lump sum and cost of tender documents Rs. 20 plus sales tax of 0.70 paise. The work should be completed in six months.

The cost of tender documents for each set is payable under the sub-head "P.W.D. III O.R. on account of Executive Engineer, Devakottai Division" besides the sales tax at 3½ per cent extra which is payable under the head "XII General Sales Tax".

The cost of the tender documents (which will under no circumstances be refunded) should be remitted into the Treasury or Reserve Bank of India to the account of the Executive Engineer, Public Works Department, Devakottai Division, Devakottai and the chalan produced after which the tender documents will be issued.

The tender documents will be available for sale at the office of the Superintending Engineer, Public Works Department, Ramanathapuram Circle, Madurai during office hours from 10th to 19th January 1972. The last date for the receipt of application for the tender schedule is 19th January 1972 and application received after that date will not generally be considered.

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

The successful tenderer will be required to make further deposit as mentioned already or such other sum as may be specified at the time of acceptance of agreement and enter into an agreement for the satisfactory execution of work as per stipulations in the detailed tender notice.

The Superintending Engineer, Ramanathapuram Circle, Madurai, reserves himself the right to reject any or part or all tenders without assigning any reasons thereof.

No. 116.

**Superintending Engineer,
Public Works Department,
Ramanathapuram Circle,
Madurai.**

STATIONERY AND PRINTING DEPARTMENT

Auction Notice

Unserviceable articles of stationery, typewriters, duplicators, etc. will be sold in public auction at the Government Stationery Stores, Old High Court Buildings, First Line Beach, Madras-1, at 11 a.m. on 18th January 1972.

For further particulars please apply to the Assistant Director of Stationery Government Stationery Stores, First Line Beach, Madras-1.

No. 113.

**Director of Stationery and
Printing in-charge.**

TAMIL NADU ELECTRICITY BOARD.

Tender Notice

For and on behalf of the Tamil Nadu Electricity Board sealed tenders with the Specification No. E. 1521 and due date superscribed on the cover are invited by the undersigned for the supply of the following items. The due date for receipt of the tender is 12-00 noon on 27th January 1972. Cost of tender documents is Rs. 10.

Supply of High tension protected telephone equipments, Magneto Switch Boards and Repeater attenuators. E.M.D. Rs. 250.

The tenders will be opened in the presence of such of those tenderers who may be present at 3-00 p.m. on the due date. Tenders received after the due date will not be considered. Copy of the specification can be obtained by remitting either by cash or by money order, the amount noted above to the Accounts Officer, Madras Electricity System (Distribution), No. 157, Anna Salai, Madras-2, noting the specification No. and sending the cash receipt or Money Order receipt as the case may be to the undersigned with a requisition, furnishing complete postal address. The Board reserves the right not to accept the lowest or any tender. The Board also reserves the right to split the tenders, revise the quantity and place orders for supply covered by this specification on one or more Tenderers.

Tenders received after the due date will be summarily rejected.

No. 68.

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

For and on behalf of the Tamil Nadu Electricity Board sealed tenders with the Tender Notice No. and due date superscribed on the cover are invited by the undersigned for the disposal of following 220 K.W. 6.6 KV. motors on "as is where is" basis. The due date for receipt of the tender is 12-00 noon on 19th January 1972.

1. 220 kW 6.6 kV 990 rpm THC. 2. motors—Specification No. THC 2.

Earnest Money Deposit—Rs. 1,000—Quantity 6 Nos.

Technical Details of Motors.

Supplier—MEZBRNO NATIONAL ENTERPRISE WORK, DRASOVA, C.S.S.R.

Type—MH—880—6 t sp.

Output—220 kW.

Speed—990 RPM.

Supply voltage—6600 volts 50 c/s.

Weight of the motors—3960 kg.

Moment of Inertia of the motor—261 kg. m².

Application of the drive—(i) Primary fans } boiler for
(ii) Vapour fans } 110MW

No. of terminals and locations of the cable box with reference driving end.—3 Nos. terminals left side.

Enclosure type—I P 44/g.

Mounting—Horizontal-Foot mounting.

Year of manufacture—1967.

Diameter of shaft—100-03 m.

Key way details .. (i) Width of key 28 mm.
(ii) Length of key 195 mm.
(iii) Depth of key : 10 mm.
(iv) Height of key : 16 mm.

Provision of moisture and tropic proof impregnation—Tropicalised K2 TAH II.

Type of cooling—Air.

Ambient temperature for which the motor has been designed—+40°C —In case the ambient temperature exceeds 40°C the permissible temperature rise over ambient temperature will be decreased as per CSN350000

Insulation—Class 'B' (K2 TAH II).

Time/current characteristics } (i) Nominal starting current—175 amps.
during starting. } (ii) time of nominal/current 25 sec. starting.
(iii) time of max. starting current—1 sec.

Rated current—24.4 Amps.

Limits of voltage—+50 per cent.

Rated power factor—0.85.

Rated efficiency—93 per cent.

Bearing type—6322/03-driving end.

6317/03-non-driving end.

Type of motor—Squirrel cage.

Details of lubricants—NH2 as per PH-D-25-006-65 slovnaft Bratislava.

No. of starts recommended—3 times/hr. (Max.).

The motors are available with Messrs. BHEL Trichy-14.

The tenders should be addressed to Chief Engineer for Electricity, Tamil Nadu Electricity Board, 157, Anna Salai, Madras-2 and must be sent in a sealed envelope addressed to Superintending Engineer, Thermal Cell, Rayala Corporation Building, 1/155, Anna Salai, Madras-2 so as to reach him not later than the due date and time mentioned above.

The tenders will be opened in the presence of such of those tenderers, who may be present at 3-00 p.m. on the due date. Tenders received after the due dates will not be considered. The Board reserve the right not to accept the highest or any tender. The Board also reserves the right to distribute the sale of motors covered by the above specification.

Earnest Money Deposit: A crossed demand draft in favour of the Accounts Officer, Madras Electricity System (Distribution), Rayala Corporation Building, 1/155, Anna Salai, Madras-2 for the amount specified shall be submitted with the tender towards the Earnest Money Deposit, failing which, the tenders are liable to be rejected. Cheques will not be accepted. Alternatively Earnest Money Deposit may be paid in cash to the above officer and the cash receipt enclosed to the tender.

There is no other separate tender form or detailed specification for this.

No. 114.

**SUPERINTENDING ENGINEER,
THERMAL CELL.**

TENDER NOTICE.

Sealed tenders for the supply of diet and other articles to the following Government Medical Institutions in South Arcot district for the period commencing from 1st April 1972 or such other date as may be specifically fixed in each case by the authority accepting the tender and ending with 31st March 1973, will be received upto 2 p.m. on Friday, 7th January 1972, by the Superintendent/Medical Officer of the respective Medical Institution.

1. Government Headquarters Hospital, Cuddalore N.T.

2. Government Hospital, Chidambaram.
3. Government Hospital, Villupuram.
4. Government Hospital, Tindivanam.
5. Government Hospital, Kallakurichi.
6. Government Hospital, Gingee.
7. Government Hospital, Tirukoilur.
8. Government Hospital, Vridhachalam.
9. Government Hospital, Panruti.
10. Government Hospital, Portonovo.
11. Government Hospital, Ulundurpet.
12. Government Hospital, Valavanur.
13. Government Hospital, Tittagudi.
14. Government Hospital, Ananthapuram.
15. Government Leprosy Treatment and Study Centre, Tirukoilur.
16. Government Tuberculosis Sanatorium, Capper Hills, Cuddalore.
17. Government Hospital and Maternity Centre, Sethiathope.

A copy of each of the condition of tender and the schedule of articles and tender form can be had from the Superintendent/Medical Officer of the respective Government Medical Institutions on payment of a fee of Rs. 5-15 (rupees five and Paise fifteen only) into the Reserve Bank of India or any of the branches of the State Bank of India Rs. 5 under the head "XXIII Medical—I. Director of Health Services and Family Planning—g. Miscellaneous—Other receipts" and Rs. 0-15 (rupees nil Paise fifteen only) remitted under the head of Account "XII Sales tax—Receipts under State Sales Tax Act—General Sales Tax".

The intending tenderers should produce the above two chalang in original to the Superintendent/Medical Officer concerned for the supply of tender forms. The amount is not refundable under any circumstances. No cash payment will be accepted.

"The tenderer should not enter into any correspondence concerning the tender once the tender has been submitted by him".

NOTE.—Each tender must be accompanied by a Solvency Certificate obtained on or after 1st October, 1971, signed by a Tahsildar, an Income-Tax Verification Certificate if the total value of the tender exceeds Rs. 10,000 and a Sales Tax Clearance Certificate if the total value of the tender exceeds Rs. 1,000 or true copies thereof attested by a Gazetted Officer.

No. 75.

**District Medical Officer,
South Arcot, Cuddalore.**

NOTIFICATION

ADMISSION TO POST-GRADUATE DEGREE COURSES OF APRIL 1972 SESSION AT MADRAS MEDICAL COLLEGE, MADRAS.

1. Applications (in the prescribed form with necessary enclosures) from qualified registered Medical Graduates will be received by the Dean, Madras Medical College, Madras-3, for admission to **M.D. Branch IV—Microbiology Course** and **M.D. Branch V Physiology Course of April 1972 Session conducted in the upgraded departments of Microbiology and Physiology at Madras Medical College.**

2. (a) Candidates for admission to these Post-graduate degree courses should possess M.B.,B.S. with full Registration, i.e., one year of compulsory Rotatory House Surgeoncy. The duration will be 3 years for these graduates.

(b) Medical Graduates who have already qualified for M.Sc. Degree in Bacteriology and Physiology of the Madras University are also eligible to apply for M.D. Microbiology and M.D. Physiology courses. The duration of the course for such graduates will be one year.

3. Reservation of seats for the candidates coming from outside the State of Tamil Nadu.

Fifty per cent of the seats will be reserved for candidates coming from outside the State of Tamil Nadu.

4. Application form and prospectus may be obtained from the Dean, Madras Medical College, Madras-3, on a written requisition, enclosing a crossed Indian Postal Order for Re. 1 (rupee one only) drawn in favour of the Dean, Madras Medical College, Madras, and a self addressed stamped envelope to the value of 0-75 Paise. Money Order, Treasury Chalan, Bank Drafts or Postage Stamps will not be accepted towards the cost of the application form and prospectus. The application form duly filled in with all the documents securely fastened should be sent by Registered Post to the Dean, Madras Medical College, Madras-3.

Service candidates both of this State and outside should send their applications together with all the documents through proper channel to the Director of Medical Education, Administrative Offices Buildings, IV Floor Chepauk, Madras-5. The applications of the Service candidates which are not received through the proper channel will be rejected. Private candidates both of this State and outside should send their applications with all the enclosures to the Dean, Madras Medical College, Madras-3.

The last date for receipt of duly filled in application forms by the Dean, Madras Medical College, Madras, is 5.00 p.m. on 17th January 1972. Applications received after the due date and time fixed will be rejected.

No. 76. **Director of Medical Education.**

PUBLIC WORKS DEPARTMENT.

TENDER NOTICE.

For and on behalf of the Governor of Tamil Nadu 'Sealed tenders' will be received by the Superintending Engineer, Public Works Department, Coimbatore-Nilgiris Circle at his office at Coimbatore up to 3.00 p.m. on 5th January 1972 for the work noted below :

Name of work: Construction of Public Health Laboratories at Ootacamund in Nilgiris District.—E.M.D. Rs. 3,000.

Form of contract is lump sum. Cost of tender documents including sales tax is Rs. 10.35. The work should be completed in six months.

The tender documents can be obtained from the Manager, Office of the Executive Engineer, Coimbatore Division, Coimbatore on requisition in writing and on payment of the fee indicated above which is not refundable in all working days during office hours from 13th December 1971.

No. 77.

**Superintending Engineer,
Public Works Department,
Coimbatore-Nilgiris Circle,
Coimbatore-1.**

TAMIL NADU INDUSTRIAL DEVELOPMENT CORPORATION LIMITED.

TENDER NOTICE.

Sealed tenders will be received by the Group Materials Manager at the Registered Office up to 3-30 p.m. on 6th January 1972 for the supply of 4 Nos. of 600 amps. as well as 400 amps. of Portable Welding Generator Sets with Accessories.

The tender will be opened by the Group Materials Manager or by his authorised Officer at 4-00 p.m. on the same day in the presence of those tenderers who may be present.

Tender documents can be had from the Registered Office at 150-A, Mount Road, Madras-2 between 11-00 a.m. and 2-00 p.m. on any working day from 16th December 1971 on payment of Rs. 25 per set (non refundable) in the form of Postal Order/Money Order in favour of Tamil Nadu Industrial Development Corporation, Limited or by cash.

No. 39.

Group Materials Manager.

DEPARTMENT OF STATISTICS.

TENDER NOTICE.

Tenders are invited for printing of daily rainfall tables for the undermentioned periods, as designed below :

Description of Publication.

- 1 Name of the publication .. Daily rainfall table (table showing date-wise rainfall figures and total, normal and actual figures for each rain gauge station in the State).
 - 2 Periodicity Monthly.
 - 3 Period for which statements are to be printed. From January 1964 to December 1965 and from April 1966 to December 1969 (69 Nos.)
 - 4 Particulars of printing work of daily rainfall table.—
 - (a) Number of pages .. 21 pages (i.e.) 20 statement pages and a half title.
 - (b) Number of daily rainfall table. 69 Nos. first setting of 21 pages have to be set in a fresh. The subsequent 68 tables require only alteration of figures.
- Size of table 21 × 30 Cm. (22 pages).
Number of copies 200 copies.

The rates for composition, striking 200 copies and for binding are required to be furnished as detailed below :

- | | <i>I. Composition.</i> | <i>Rate.</i> |
|--|------------------------|--------------|
| | | RS. P. |
| (a) 21 pages (20 pages in 8 pt. type and 1 half title in 18 pt. type). | | |
| (b) 21 pages alteration charges for the subsequent issue of printing. | | |
- II. Striking 200 copies.*
- | | |
|----------------------------|--|
| (a) Forme of 4 pages | |
| (b) Forme of 2 pages | |

III Binding.

Wire stitching for 200 copies.

The paper for printing will be supplied to the printer. The work must be finished within 3 months of time from the date of entrusting the job. The tenders are invited before 20th December 1971. The job will be offered if the party is interested soon after examining the work in person on any working day between 11 a.m. and 3 p.m. in this office.

No. 43.

**Director of Statistics,
Madras-6.**

NOTIFICATION.

Admission to Post graduate Degree and Diploma courses of April 1972 Session at Madras Medical College, Stanley Medical College and Madurai Medical College.

Applications (in the prescribed form with necessary enclosures) from qualified Registered Medical Graduates will be received by the Deans of the respective Medical Colleges for admission to the following post-graduate degree courses and diploma courses commencing from 1st April 1972, at the Medical Colleges noted against each :—

MADRAS MEDICAL COLLEGE.

(DEGREE COURSE).

- *1. M.D. Branch I .. General Medicine.
- *2. M.D. Branch II .. Obstetrics and Gynaecology.
- *3. M.D. Branch III .. Pathology.
- *4. M.D. Branch IV .. Microbiology.
- *5. M.D. Branch V .. M.D. Physiology.
- *6. M.D. Branch VI .. Pharmacology.
- *7. M.D. Branch VII .. Paediatrics.
- *8. M.D. Branch VIII .. Radio-diagnosis.
- *9. M.D. Branch IX .. Radio-therapy.
- *10. M.D. Branch X .. Anaesthesiology.
- *11. M.D. Branch XI .. Venereology.
- *12. M.D. Branch XII .. Dermatology.
- *13. M.D. Branch XIII .. Bio-Chemistry.
- *14. M.S. Branch I .. General Surgery.
- *15. M.S. Branch II .. Orthopaedic Surgery.
- *16. M.S. Branch III .. Ophthalmology.
- *17. M.S. Branch IV .. Oto-Rhinolaryngology.
- *18. M.S. Branch V .. Anatomy.

(HIGHER SPECIALITIES).

- †19. D.M. Branch I .. Neurology.
- †20. M.Ch. Branch I .. Thoracic Surgery.
- †21. M.Ch. Branch II .. Neuro-Surgery.
- †22. M.Ch. Branch III .. Plastic Surgery.
- †23. M. Ch. Branch IV .. Genito Urinary Surgery.
- †24. M.Ch. Branch V .. Paediatric Surgery.

(DIPLOMA COURSES).

- ‡1. Diploma in Gynaecology and Obstetrics. (D.G.O.)
- ‡2. Diploma in Child Health. (D.C.H.)
- ‡3. Diploma in Chest Diseases. (D.C.D.)
- ‡4. Diploma in Venereology. (D.V.)
- ‡5. Diploma in Dermatology. (D.D.)
- ‡6. Diploma in Medical Radio Diagnosis. (D.M.R.D.)

- ‡7. Diploma in Medical Radio Therapy. (D.M.R.T.)
- ‡8. Diploma in Anaesthesia. (D.A.)
- ‡9. Diploma in Oto-Rhinolaryngology. (D.L.O.)
- ‡10. Diploma in Ophthalmology. (D.O.)
- ‡11. Diploma in Orthopaedics. (D.Ortho.)
- ‡12. Diploma in Clinical Pathology. (D.C.P.)
- ‡13. Diploma in Psychological Medicine. (D.P.M.)

STANLEY MEDICAL COLLEGE.

(POST-GRADUATE DEGREE COURSES.)

- *1. M.D. Branch I .. General Medicine.
- *2. M.D. Branch II .. Obstetrics and Gynaecology.
- *3. M.D. Branch V .. Physiology.
- *4. M.D. Branch VI .. Pharmacology.
- *5. M.S. Branch I .. General Surgery.
- *6. M.S. Branch V .. Anatomy.

(POST-GRADUATE DIPLOMA COURSES.)

- ‡1. Diploma in Gynaecology and Obstetrics. (D.G.O.)
- ‡2. Diploma in Child Health. (D.C.H.)
- ‡3. Diploma in Medical Radio Diagnosis. (D.M.R.D.)
- ‡4. Diploma in Anaesthesia (D.A.)

MADURAI MEDICAL COLLEGE.

(POST-GRADUATE DEGREE COURSE.)

- *1. M.D. Branch I .. General Medicine.
- *2. M.D. Branch II .. Obstetrics and Gynaecology.
- *3. M.D. Branch III .. Pathology.
- *4. M.D. Branch IV .. Bacteriology.
- *5. M.D. Branch V .. Physiology.
- *6. M.D. Branch VI .. Pharmacology.
- *7. M.D. Branch VII .. Paediatric Medicine.
- *8. M.D. Branch X .. Anaesthesiology.
- *9. M.S. Branch I .. General Surgery.
- *10. M.S. Branch III .. Ophthalmology.
- *11. M.S. Branch IV .. Oto-Rhinolaryngology.
- *12. M.S. Branch V .. Anatomy.

HIGHER SPECIALITIES.

- †1. M.Ch. Paediatric Surgery.
- †2. M.Ch. Neuro Surgery.

POST-GRADUATE DIPLOMA COURSES.

1. Diploma in Obstetrics and Gynaecology. (D.G.O.)
2. Diploma in Child Health. (D.C.H.)
3. Diploma in Medical Radiology. (D.M.R.D.)
4. Diploma in Anaesthesiology. (D.A.)
5. Diploma in Orthopaedics. (D.Ortho.)
6. Diploma in Otorhino-laryngology. (D.L.O.)
7. Diploma in Ophthalmology. (D.O.)
8. Diploma in Psychological Medicine. (D.P.M.)

*Candidates for admission to these post-graduate degree courses should possess M.B.B.S., with full registration, i.e., one year of compulsory Rotatory House Surgeoncy. The duration will be three years for these graduates. Post-graduate Diploma holders in the concerned speciality may also apply for the post-graduate degree courses. The duration will be 2 years for such graduates.

†Candidates for admission to these courses should have passed M.D. or M.S. as the case may be.

‡Candidates for admission to these Post-graduate Diploma courses should have possess the M.B.B.S. with full registration, i.e., one year of compulsory Rotatory House Surgeoncy. The duration will be 2 years for these graduates.

Application form and prospectus may be obtained from the Deans of the respective Medical Colleges, (viz., Dean, Madras Medical College, Madras-3, Dean, Stanley Medical College, Madras-1, Dean, Madurai Medical College, Madurai), as the case may be, where the post-graduate degree and diploma courses are conducted on a written requisition, enclosing a crossed Indian Postal Order for Re. 1 (Rupee one only) drawn in favour of the respective Dean of the Medical College and self-addressed envelope to the value of 50 paise Money Orders, Treasury Chans, Bank Drafts or Postage stamps will not be accepted towards the cost of the application form and prospectus. The application forms duly filled in with all the documents securely fastened should be sent by registered post to the Dean, of the respective Medical College where the applicant desires to undergo the post-graduate degree and diploma course.

Service candidates should send their applications together with all the documents through proper channel to the Director of Medical Education, Administrative Offices Building, IV Floor, Chempauk, Madras-5. The applications of the service candidates, which are not received through the proper channel will be rejected. Private candidates should send their applications with all the enclosures to the Dean of the respective Medical College.

The last date for receipt of duly filled in application forms by the respective Dean of Medical College is at 5-00 p.m. on 17th January 1972. Applications received after the due date and time will be rejected.

Director of Medical Education.

TENDER NOTICE.

DEPARTMENT OF INDUSTRIES AND COMMERCE.

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 mentioned 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. Form or contract is Lump-sum.

<i>Serial number and name of work.</i>	<i>Last date for receipt of tender.</i>
1 Construction of three blocks of labour tenements (6 tenements in one block) at the Industrial Estate, Madurai. E.M.D. Rs. 3,300.	11th January 1972.
2 Construction of two blocks of labour tenements (6 tenements in one block) at the Industrial Estate, Madurai. E.M.D. Rs. 2,200.	Do.

1. Period of completion is 8 months for work (1) and 6 months for work (2).

2. Tender documents will be available for sale at the Office of the Executive Engineer (Construction), Madurai Division, Industrial Estate, Madurai during the office hours from 24th December 1971 onwards.

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 (C), Madurai Division, Industrial Estate, Madurai.

4. Earnest Money Deposit will be accepted only in the shape of chalsans, deposit at call receipt and demand drafts on scheduled banks. The demand drafts of Scheduled Bank furnished towards Earnest Money Deposit drawn in favour of Executive Engineer (C), Madurai Division 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.

No. 44.

**Superintending Engineer,
Construction Branch.**

GENERAL HOSPITAL, MADRAS.

Sealed tenders will be received up to 2 p.m. on Monday, 3rd January 1972 by the Dean, Government General Hospital, Madras-3, in respect of the following items of contract during the year 1972-73.

- (1) For clearing coal-tar collections from the gas plant of the hospital.
- (2) For making coir and cotton mattresses and pillows.
- (3) For the lease of the cycle stand in the compound of the out-patient department.

A copy of the conditions of tender and the schedule and tender form which can be had from the office of the Dean on application accompanied by chalan for Rs. 5 paid into the Reserve Bank of India or any branches of the State Bank of India or any Government Treasury under the head "XXIII. Medical—II. Director of Medical Education—J. Miscellaneous". The amount is not refundable under any circumstances.

No. 42.

**DEAN,
Government General Hospital,
Madras.**

PUBLIC WORKS DEPARTMENT.

- Name of the work—1. Construction of 25 bedded ward for Government Hospital at Hosur.
2. Constructions of Out-patient block for Government Hospital at Hosur.
3. Construction of labour-cum-operation block for Government Hospital, Hosur.

For and on behalf of the 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 24th January 1972. 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.

For all works form of agreement is L.S., cost of tender documents is Rs. 20 plus S.T. of 0.70 paise per set. The tender documents will be available for sale is from 3rd to 21st January 1972.

E.M.Ds. are Rs. 2,000, Rs. 4,000 and Rs. 3,500 respectively and earnest money deposit will be accepted in the shape of chalan or National Savings Certificates or Deposit at call receipts of schedule banks or demand drafts of scheduled banks or State Government securities or by Madras State Electricity Board Bonds.

Cost of tender documents for each work is to be remitted into the Treasury or Reserve Bank of India under the Head "P.W. Remittance—III. Other Remittance" to the Executive Engineer, P.W.D. Buildings Division, Salem-5 and Sales Tax under the head "XII. Sales Tax—(d) Miscellaneous".

Period of completion for all works is 6 months, 9 months and 8 months respectively. The tender documents are available at the Office of the Superintending Engineer, P.W.D., Salem-Dharmapuri Circle, Salem-4.

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

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

No. 43.

Superintending Engineer.

TAMIL NADU INDUSTRIAL DEVELOPMENT CORPORATION LIMITED.

Tender Notice.

Sealed tenders are invited by the Group Materials Manager, Tamil Nadu Industrial Development Corporation Limited, 150-A, Mount Road, Madras-2, up to 3-30 p.m. on 11th January 1972 for the purchase of the following mould lubricants. Tenders will be opened on the same day at 4-00 p.m. in the presence of such of those tenderers who may be present. Amount of E.M.D is $2\frac{1}{2}$ per cent of the value of contract.

<i>Serial number and name of Lubricant.</i>	<i>Specification.</i>
1 Rape seed oil (Requirement 20 tonnes/ annum).	Substance of brown colour with strong smell and bitter taste. Density : 0.915-0.930 g/cm ³ at 20° C. Indine number : 101-116. Saponification number 191-198. Freezing temperature + 60° C. Consumption 0.3—0.4 kg./ton.
2 Mixture liquid paraffin wax (melted paraffin) and cotton seed oil, ratio 1 : 1. Requirement 20 tonnes/ annum.	Freezing temperature + 16° C. Consumption : 0.3-0.4 kg./ton.
3 Mixture liquid paraffin and petrolatum is usually used for greasing the ingot moulds. Requirement 20 tonnes/ annum.	Freezing temperature + 16° C. Consumption : 0.3-0.4 kg./ton.
4 Crystal paraffin .. Requirement 35 tonnes/ annum.	White crystal Mass. No smell. Melting temperature + 50-54° C. Oil content not more than 0.5-2.3 per cent consumption 0.6-0.7 kg./ton.

Interested parties may submit their offers with full particulars such as delivery payment, specifications, etc.

No. 10A.

Group Materials Manager.

TAMIL NADU PUBLIC SERVICE COMMISSION

APPLICATIONS ARE INVITED UP TO 5 P.M.
ON 8TH FEBRUARY 1972 FOR THE UNDER-
MENTIONED POSTS.

I. One appointment to the post of Teacher, Field Study Demonstration Centre (Health Education Bureau) in the Tamil Nadu Public Health Subordinate Service.

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

Age—Below 30 years on 1st July 1972.

Qualification—(a) The B.A. or B.Sc. Degree with B.T. with five years teaching/Research experience ;

OR

(b) The B.A. or B.Sc. Degree with M.Ed. with two years teaching/Research experience.

II. One appointment to the post of Foreman Instructor in the Government College of Engineering, Salem in the Tamil Nadu Educational Subordinate Service.

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

Age—Below 36 years on 1st July 1972. Upper age limit relaxable up to 10 years in the case of physically handicapped persons.

Qualification—(i) A diploma in Mechanical Engineering awarded by the State Board of Technical Education and Training, Madras and practical experience for a period of not less than three years in a recognised Engineering workshop ;

OR

(ii) An Industrial School Certificate awarded by the Department of Industries and Commerce or by the Department of Employment and Training, Madras and practical experience in a recognised Engineering workshop for a period of not less than seven years. Provided that the experience referred to above should have been gained in one or more of the following trades, namely :—

(a) Carpentry and/or pattern making, (b) Fitting, (c) Smithy, (d) Foundry, (e) Machinist, (f) Welding, (g) Tool making and (h) Turning.

III. One appointment of Librarian in the Archival Library in the Tamil Nadu Archives in the Tamil Nadu Ministerial Service.

Pay—Rs. 275—10—375—15—450 per mensem.

Age—Below 30 years on 1st July 1972, Upper age limit relaxable up to 10 years in the case of physically handicapped persons.

Qualifications—(i) A degree of any university or Institution recognised by the University Grants Commission for the purpose of its grant, (ii) A certificate or Diploma in Library Science and (iii) Ability to read and write one or more of the South Indian Languages other than Tamil, viz., Malayalam, Telugu or Kannada.

IV. One appointment to the post of senior Instructor in Fisheries Technology and Navigation Engineering in Central Polytechnics, Madras in the Tamil Nadu Engineering Subordinate Service.

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

Age—Below 30 years on 1st July 1972 ; Upper age limit relaxable up to 10 years in the case of physically handicapped persons.

Qualifications—(I) A first or Second class Bachelor's degree in Zoology and atleast two years teaching or practical experience in the Fisheries line or (II) A diploma in Fisheries Technology and Navigation awarded by the State Board of Technical Education and Training, and atleast three years experience in teaching or practical in a position not below in rank of a Junior Instructor in a Polytechnic or equivalent grade.

V. Two appointments of Assistant Chemical Engineers in the Potassium Chloride Unit, Tuticorin in the Tamil Nadu Industries Subordinate Service.

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

Age—Below 30 years on 1st July 1972.

Qualification—(1) A degree in Chemical Engineering or a Diploma in Chemical Technology or Chemical Engineering of any recognised Institution or Board ; and

(2) Practical experience for a period of not less than one year in Pilot Plant Studies or Chemical Plant Design or in the Operation of Chemical Plants.

VI. Three appointments to the post of Mechanical Supervisor and Two appointments to the post of Electrical Supervisor in the State Port Department in the Tamil Nadu General Subordinate Service.

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

Degree holders to start at Rs. 400 with usual allowances.

Age—Below 30 years on 1st July 1972.

Qualifications—I. Mechanical Supervisor.—(1) (i) A degree in Mechanical Engineering OR (ii) a diploma in Mechanical Engineering awarded by the State Board of Technical Educational Training, Madras or by any other Institution or Board recognised by the Government of India or by any of the State Governments, and

(2) Practical experience for a period of not less than three years in erection, operation and maintenance of large centrifugal or centripetal pumps, Steel structures, winches, internal combustion engines, Steam engines and boilers and workshop machinery after obtaining the degree or diploma.

II. Electrical Supervisors.—(1) (i) A degree in Electrical Engineering; or

(ii) a diploma in Electrical Engineering awarded by the State Board of Technical Education and Training, Madras or by any other Institution or Board recognised by the Government of India or by any of the State Governments; and

(2) Practical experience for a period of not less than three years in erection, operation and maintenance of transformers, Switch gears, distribution lines and A.C. Motors of about 100 Horse Power after obtaining the degree or diploma.

No age-limit for members of Scheduled Castes, Scheduled Tribes and Backward Classes who possess a general educational qualification which is higher than the minimum general educational qualification. Upper age-limit relaxable by 5 years for other Scheduled Castes and Scheduled Tribes, Goldsmiths affected by the Gold Control Order, ex. N.C.C. cadets who were employed as Under Officer Instructors or Sergeant Major Instructors on whole time basis on or after 1st January 1963 are allowed concessions in the matter of age-limit. Qualifications including age-limit relaxable in the case of persons demobilised from the Army, Navy or Air Force who will be below 40 years of age on 1st July 1972, displaced persons from East Pakistan who have migrated to India on or after 1st January 1964 and repatriates from Ceylon and Burma. Particulars and form of application may be obtained from the Secretary, Tamil Nadu Public Service Commission, Madras-2 on requisition in writing specifying the name of the post and accompanied by a self-addressed stamped (thirty paise) envelope of atleast 23 CM. in length superscribed as (Book-post).

No. 89

CHIT TENDER NOTICE.

TAMIL NADU HIGHWAYS AND RURAL WORKS DEPARTMENT.

For and on behalf of the Governor of Tamil Nadu, **Sealed Tenders** will be received by the Divisional Engineer (H. & R. W.), Tirunelveli South at his office up to 2-00 p.m. (as per Office clock) on 28th January 1972 (Friday) for the works of Annual maintenance to the Government Road in his Division for the year 1972-73.

Tenders will be opened by the Divisional Engineer (H. & R. W.), Tirunelveli South on the same day at 2-15 p.m. in the presence of the tenderers or their authorised agents.

One tender for each work should be in one cover. Name of work and address as Divisional Engineer (H. & R. W.), Tirunelveli South at Palayamkottai should be furnished on every cover.

Particulars of tenders, tender forms, conditions, etc., can be had from the Manager of the Office of the Divisional Engineer (H. & R. W.), Tirunelveli South on application and on payment of Rs. 5-81 including sales tax (not refundable) for each work on all working days during office hours from 29th December 1971 to 27th January 1972. Tender documents will not be sold on tender date.

Tenders received without E.M.D., late tenders and tenders with bonds not transferred to the name of the Divisional Engineer (H. & R. W.), Tirunelveli South will be summarily rejected.

The E.M.D. noted for each work shall be remitted in any of the Government treasuries within the jurisdiction of the Divisional Engineer (H. & R. W.), Tirunelveli South under "Revenue Deposit" and the receipted chalan should be enclosed with the tender.

In case of Bank guarantee is enclosed for E.M.D. along with tenders, concurrence of the Reserve Bank of India to the Bank Guarantee should also be produced along with tenders. Tenders without such concurrence will also be rejected.

No. 90.

Divisional Engineer
(H. & R. W.), Tirunelveli South.

AUCTION NOTICE.

The jeep MSX 3832 of Thanthoni block, Tiruchirappalli district, which has been condemned, will be sold in public auction by the Personal Assistant to Collector (Panchayat Development) at 11 a.m. on 25th January 1972 in the Collector's Office, Tiruchirappalli subject to the conditions prescribed by the Government.

Information regarding the condition of the sale may be had from the Collector's Office on any working day during office hours. Intending bidders may also inspect the vehicle during office hours.

No. 100.

Collector, Tiruchirappalli.

PUBLIC WORKS DEPARTMENT

Chit Tender Notice.

For and on behalf of the Governor of Tamil Nadu "Sealed Tenders" will be received for the supply of the following Electrical materials by the Electrical Engineer, P.W.D., Tiruchirappalli-1 in his office up to 3 p.m. on 25th January 1972.

The tenders will be opened on the same day at 4p.m

Name of materials.—

1. 5 amps MAX single phase KWH meter as per I.S.S.
2. L. T. Panel board with 400 amps O.C.B.
3. PVC LT UG armoured cable with aluminium conductor (in various size).
4. A. C. motors with pump sets (5 H.P., 7.5 H.P. and 12.5 H.P.).

Cost of tender documents per set is Rs. 2.07.

No. 112 Electrical Engineer, P.W.D., Tiruchirappalli.

Tender Notice.

Supply of diet articles required for the Leprosy Beggars Rehabilitation Home, Paranur, Chingleput district for the year 1972-73.

Notice is hereby given that sealed tenders for the supply of diet articles required for the Leprosy Beggars Rehabilitation Home, Paranur, Chingleput district for the period from 1st April 1972 or a later date to 31st March 1973 will be received by the Superintendent-in-charge up to 2.00 p.m. on Wednesday, the 2nd February 1972.

A copy of the conditions of tender and the schedule of articles required and tender forms can be had on application at the Office of the Superintendent, Leprosy Beggars Rehabilitation Home, Paranur, Chingleput district on or after 10th December 1971. The fee towards the cost of tender form is Rs. 5-18 (rupees five and paise eighteen only) inclusive of Sales Tax at 3½%, which should be remitted into the Reserve Bank of India or any Government Treasury to the credit of Government of Tamil Nadu. The amount should be remitted in one chalan under the head of account "XXIII. Medical—g. Misc.-I. Director of Health Services and Family-Planning—Other receipts" in the case of cost of tender forms and under the head "XII-Sales Tax Receipts under the State Sales Tax Acts—General Sales Tax" in the case of Sales Tax. Original chalans should be produced along with the application for the supply of tender form. The amount is not refundable under any circumstances.

A Solvency and National Certificate obtained on or after 1st October 1971 and signed by a Tahsildar and Income Tax Verification Certificate if the total value of the tender exceeds Rs. 10,000 and sales tax clearance certificate if the total value of the tender exceeds Rs. 1,000 or true copies thereof attested by a State Gazetted Officer should invariably be attached along with the tender.

No. 111 Superintendent-in-charge, Leprosy Beggars Rehabilitation Home, Paranur, Chingleput District.

DEPARTMENT OF TECHNICAL EDUCATION

State Board of Technical Education and Training, Board of Examinations, Tamil Nadu.

NOTIFICATION.

1. The Board of Examinations, Tamil Nadu will hold the Examinations in Pre-Technical Course/Pre-Technical Course (Textiles)/First, Second and Final year Diploma Courses in Engineering, Technological and Commercial Practice Courses and also in the Final year Technical High School course under New Regulations during April 1972. Candidates desirous of appearing for the above examinations may obtain the application forms and other details from the Principals of the Institutions where they have undergone their courses of study.

2. The last date for receipt of applications duly filled in, from the candidates by the respective Principals of the Institutions for admission to the above mentioned courses are indicated below :—

Pre-Technical Course/Pre-Technical Course (Textile)/First, Second year Diploma examinations in various Engineering and Technological courses such as Sugar Technology, Instrument Technology, three year diploma courses in Commercial Practice, Agricultural Engineering and Technical High School Courses including Semester course Examinations. Final year Diploma Examinations for various Engineering and Technological courses—29th January 1972.

3. Private candidates of the following category may apply for the application forms for the Board's examinations direct to the Chairman, Board of Examinations, Madras-25.

(i) Who have passed the second year diploma, examinations and desirous of appearing for the final year diploma examination under the new regulations.

(ii) Who have passed the Pre-Technical Course Examination under OR and Pre-Technical Examination under Semester system and desirous of appearing for the subsequent second year diploma examination and subsequent Semester examinations respectively.

(Note.—For further details, Institutional candidates may contact the Principals of the Institutions wherein they underwent their course of study. Private candidates can obtain the details from the Chairman's Office, Board of Examinations, Madras-25.)

The application forms for all the examinations mentioned above (intended for private candidates) may be obtained from the Chairman, Board of Examinations, Madras-25 from 3rd January 1972 on requisition with a self addressed envelope (oblong size of 22 cm. × 9½ cm.) affixing postage stamps to the value of 45 paise. Requisitions for application forms without self addressed envelope and in Post cards will not be attended to. The last date for receipt of applications for these examinations from the private candidates is 25th January 1972.

No. 110

Chairman,
Board of Examinations

TAMIL NADU STATE TRANSPORT DEPARTMENT

TENDER NOTICE.

For and on behalf of the Governor of Tamil Nadu, sealed tenders are invited to reach the Executive Engineer (C), Tamil Nadu State Transport Department, Madras-2 not later than 3 p.m. on 20th January 1972 for a period of 3 years, for the following stalls:—

At Perambur Bus Stand—

1. Stall No. 1—Tea stall.
2. Stall No. 2—For cool drinks and betel nuts.
3. Stall No. 3—Fruits and vegetables.

At Ayyanavaram Bus Stand—

1. Stall No. 1—Tea Stall.
2. Stall No. 2—Fruits and vegetables.
3. Stall No. 3—Betel nut shop and drinks.
4. Stall No. 4—Books Stall.

The tender forms, terms and conditions can be obtained from the Executive Engineer (C), Tamil Nadu State Transport Department, Madras-2 on all working days on payment of Re. 1-04 P. Tenders will be opened on 20th January 1972 at 3-15 p.m. The amount will not be refunded under any circumstances.

No. 49.

Director.

PUBLIC WORKS DEPARTMENT.

Construction of quarters for 40 Nurses and 5 Staff Nurses with kitchen and dining hall in T. B. Sanatorium at Tambaram.

For and on behalf of the Governor of Tamil Nadu, sealed tenders will be received from the registered contractors of appropriate class of P.W.D. and or other Government Departments by the Superintending Engineer, P.W.D., Madras-Chingleput Circle, Chepauk, Madras-5 for the above work up to 3-00 p.m. on 11th January 1972 and the tenders will be opened by the same officer at his office, in the presence of those tenderers who choose to be present at 3-15 p.m. on the same day.

Form of Contract is Lump sum.

E.M.D. is Rs. 7,500.

Cost of tender documents is Rs. 40 plus S.T. at 3 per cent. The period of completion is six months. Tender documents with plans will be available for sale at the Office of the Superintending Engineer Madras-Chingleput Circle, Madras-5 on all working days during office hours.

The cost of tender documents (which will under no circumstances be refunded) should be remitted into the Treasury or Reserve Bank of India, under the head P.W.D., "Remittances III". Other Remittances to the credit of the Executive Engineer, P.W.D. Buildings Division, No. I, Chepauk, Madras-5. The sales tax should be remitted under the same chalan into the Treasury or Reserve Bank of India under the separate

head "XII. Sales tax—b. Receipt under State Sales Tax Act—General Sales tax". The tender documents will be issued only after producing the chalan.

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

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

No. 50A.

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

HIGHWAYS AND RURAL WORKS DEPARTMENT.

CHIT TENDER NOTICE.

Annual maintenance for Government Roads for the year 1972-73—Coimbatore.

Sealed Tenders for the maintenance works for Government Roads in Coimbatore (H. & R. W.) Division for 1972-73 on percentage basis in the prescribed form will be received for and on behalf of Governor of Tamil Nadu by the Divisional Engineer (H. & R. W.) at his office at Tiruchy Road, Coimbatore up to 3-00 p.m. (as per Division Office Clock), on 21st January 1972 and will be opened at 3-15 p.m. on the same day.

Tender documents can be had from the Manager, Division Office (H. & R. W.), Coimbatore, on payment of Rs. 3-11 per set (including Sales Tax, not refundable) on working days during Office hours from 10th to 20th January 1972 (both days inclusive). Tender documents will not be sold on the tender date. The Earnest Money Deposit should be in the form of chalan in token of having remitted the money into the Government Treasury to the head "Revenue Deposits" and the receipted chalan should be enclosed with the tender. Crossed bank draft on State Bank or other scheduled banks can be enclosed with the tender.

If bank guarantee is produced towards E.M.D. the concurrence of the Reserve Bank of India to the Bank guarantee should also be submitted along with the tender.

Tender received without chalan or Bank Draft towards Earnest Money Deposit will be summarily rejected. Income-tax verification and Sales Tax Clearance Certificate should be enclosed along with the tender, if they have not been already produced, else the tenders are liable for rejection.

Details of works, condition of contract, Earnest Money Deposit to be remitted in respect of each work, etc., can be had from the detailed tender notice available in the Division, Sub-Division and Section Offices of this Division.

No. 53.

**Divisional Engineer (H. & R.W.),
Coimbatore.**

QUOTATION NOTICE

For and on behalf of Tamil Nadu Slum Clearance Board, sealed quotations with name of work and the tenderer duly superscribed on the cover are invited from the leading firms by the Executive Engineer, Slum Clearance Board, Division I, 35/37, Jahangir Street, Second Line Beach, Madras-1 up to 3-00 p.m. on 20th January 1972 for the supply of Doors and Windows furniture fittings for the work of construction of 672 tenements in R. S. No. 1751, Cemetery Road, 10th Corporation Division, Old Washermanpet, Madras. The sealed quotations will be opened by the undersigned at 3-05 p.m. on the same day in the presence of the tenderers whose choose to be present at that time.

<i>Serial number and description of materials.</i>	<i>Total quantity.</i>
	NOS.
1. Iron holdfasts or size $9'' \times 2'' \times \frac{1}{4}''$. . .	21,068
2. Iron Oxidized hast and staples $6''$ size (Safety type) with necessary bolt and screws.	672
3. Iron Oxidized Tower Bolts $12''$ length with screws of size $1\frac{1}{2}'' \times 6''$.	2,184
4. Iron Oxidized Tower Bolt $6''$ length with screws of size $1\frac{1}{2}'' \times 6''$.	7,056
5. Iron Oxidized Tower Bolt $4''$ length with screws of size $1\frac{1}{2}'' \times 6''$.	2,688
6. Iron Oxidized butt hinges $5''$ with screws of size $2'' \times 8''$.	6,552
7. Iron Oxidized butt hinges $4''$ with screws of size $1\frac{1}{2}'' \times 8''$.	5,376
8. Iron Oxidized butt hinges $2''$ size with screws of size $1'' \times 6''$.	2,184
9. Iron Oxidized hooks and eyes $6''$ length.	2,688

CONDITIONS.

1. The intending tenderers should furnish the samples, along with the quotation.
2. Rate quoted only cost of furniture alone. Separate mention should be made for sales tax and other taxes.
3. Supply should be made to the Assistant Engineer, Slum Clearance Board, Sub-Division No. II, Madras at his work site without transporting charges.
4. An Earnest Money Deposit Rs. 2,000 has to be paid along with the quotation. The balance Security Deposit to be paid before placing the indent.
5. The supply should be effected within a month period after the placing the indent and if any articles found to be damage it should be replaced immediately without claiming the extra cost.
6. Payment will be made only after the fully supply is made.
7. Right is reserved to reject one or all the quotations received without assigning any reason therefor.

No. 121. **Executive Engineer,**
Slum Clearance Board, Division-I, Madras-1.

NOTIFICATION

Admission to Post Diploma Course in Medical Equipment Technology at the Central Polytechnic, Adyar, Madras-20.

Application are invited from qualified candidates for admission to this course.

Qualification for admission.—Candidates should possess (1) a recognised Degree in Electrical Engineering or Electronics or Electrical Engineering with Electronics as Elective Subject or (2) B.Sc. (Electronics).

Details of the course.—The Course consists of three semesters of six months duration each.

Course objective.—The object of this course is to train the students in the use, maintenance and repairs of the Electro Medical and Mechanical equipments used in Hospitals.

TUITION FEES.

A tuition fee of Rs. 90 per semester and a special fee of Rs. 20 per semester will be collected for the course. A caution deposit of Rs. 25 towards loss or damage to tools and equipments should also be paid at the time of admission.

Candidates seeking admission should apply in the prescribed application forms along with a crossed Indian Postal Order for Rs. 5 towards registration fees. The application forms will be issued at the office of the Principal, Central Polytechnic, Adyar, Madras-20 on payment of one rupee by crossed postal order.

Completed applications should reach the Principal, Central Polytechnic, Adyar, Madras-20 or on before 10th January 1972.

Candidates who have responded to the earlier advertisement need not apply again.

No. 120.

Director of Technical Education,
Madras-25.

AUCTION NOTICE.

The jeep MSY 9833 of Thuraiyur Block, Tiruchirappalli district which has been condemned will be sold in Public auction by the Personal Assistant to Collector (Panchayat Development) at 12 noon on 17th January 1972 in the Collector's Office, Tiruchirappalli subject to the conditions prescribed by the Government.

Information regarding the condition of the sale may be had from the Collector's office on any working day during office hours. Intending bidders may also inspect the vehicle during office hours.

No. 99.

Collector,
Tiruchirappalli.

TENDER NOTICE.

Tenders for making Coir and Cotton Mattresses, Pillows and for the supply of Floor Swabs and Cotton and also for the lease of Cycle Stand of this Hospital for one year from 1st April 1972 to 31st March 1973 will be received by the Dean, Government Stanley Hospital, Madras, up to 2-00 p.m. on 28th January 1972. A copy of the conditions of tender, tender forms and schedule of supplies required can be had from the Office of the Dean, Government Stanley Hospital, Madras. The fee towards the cost of tender forms, etc., is Rs. 5 (Rupees five only) exclusive of sales tax at 3 per cent and surcharge at 5 per cent which should be remitted into the Reserve Bank or any of the branches of the State Bank of India or any Government Treasury to the credit of the Tamil Nadu Government under the head "XXIII. Medical—J. Miscellaneous" in the case of tender form and in respect of sales tax it should be remitted under the head "XII. Sales Tax—Receipts under the Sales Tax Act—General Sales Tax". The amount is not refundable under any circumstances.

No. 102.

Dean.

HIGHWAYS AND RURAL WORKS DEPARTMENT.

CHIT TENDER NOTICE.

For and on behalf of the Governor of Tamil Nadu, sealed tenders will be received by the Superintending Engineer (Highways), Special Circle for National Highways Works, Madras-1, at his Office at 'Kuralagam' Building, IVth Floor, Madras-1, up to 3-00 p.m. on 19th January 1972 for the work noted below :—

Name of work.

1. Reconstructing of bridge across Gadilam river at Mile 113/4 of N.H. 45, Madras-Tiruchirappalli-Dindigul Road. E.M.D. Rs. 45,300.
2. Forming North side approach for the bridge at Mile 113/4 of N.H. 45, M.T.D. Road across river. E.M.D. Rs. 2,180.
3. Forming South side approach for the bridge across Gadilam river at Mile 113/4 of N.H. 45, M.T.D. Road. E.M.D. Rs. 2,080.
4. Reconstruction of bridge at Mile 41/7 of (Km. 68/3-4) N.H. 45, M.T.D. Road. E.M.D. Rs. 4,270.
5. Reconstruction of bridge at Mile 137/4 (Km. 222/8) of N.H. 45, M.T.D. Road. E.M.D. Rs. 1,470.
6. Reconstruction of minor bridge at Km. 104/4 (M. 64/2) of N.H. 45, Madras-Tiruchirappalli-Dindigul Road. E.M.D. Rs. 6,610.

The tender will be opened on the same day (i.e.), 19th January 1972, at 3-15 p.m. by the Superintending Engineer (Highways), Special Circle for National Highways Works, Madras-1.

Particulars of tenders, conditions, schedule form and plans can be obtained from the Office of the Divisional

Engineer (Highways), Special Division II for National Highways Works, Guindy, Madras-25, from 11th January 1972 to 18th January 1972 on payment of Rs. 25-88 (including sales tax) in all working days during office hours. This amount will not be refunded under any circumstances.

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

Tenders received without the prescribed E.M.D. will not be considered.

No. 101.

Superintending Engineer
(Highways).

TAMIL NADU ELECTRICITY BOARD.

TENDER NOTICE.

For and on behalf of Tamil Nadu Electricity Board, sealed tenders with the specification No. E.1523 and due date superscribed on the cover are invited by the undersigned for the supply of the following items. The due date for the receipt of tender is 12-00 noon on 24th January 1972 :—

Electrification of Superintending Engineer's office building at Palayamcottai, Tirunelveli. E.M.D. Rs. 2,500. Cost of tender documents Rs. 25.

The tenders will be opened in the presence of such of those tenderers who may be present at 3-00 p.m. on the due date. Tenders received after the due date will not be considered. Copy of the specification, can be obtained by remitting either by cash or by money order the amount noted above to the *Accounts Officer*, Madras Electricity System (Distribution), 157, Anna Salai, Madras-2, noting the specification number and sending the cash receipt or money order receipt as the case may be to the undersigned with a requisition furnishing complete postal address. The Board reserves the right not to accept the lowest or any tender. The Board also reserves the right to split the tenders, revise the quantity and place orders for supply covered by this specification on one or more tenderers.

Tenders received after the due date will be summarily rejected.

No. 95.

Superintending Engineer,
Technical (Electrical).

HIGHWAYS AND RURAL WORKS DEPARTMENT.

CHIT TENDER NOTICE.

For and on behalf of the Governor of Tamil Nadu, sealed scheduled tenders will be received by the Superintending Engineer (Highways), Special Circle for N.H. Works, Madras-1 at his office at Kuralagam Buildings, IV Floor, Madras-1 up to 3-00 p.m. on 12th January 1972 for the works noted below :—

1. Reconstruction of minor bridge at Km. 92/4 (M. 57/4) of Madras-Chittoor-Bangalore Road N.H. 4. E.M.D. Rs. 3,300.
2. Reconstruction of Minor bridge at Km. 133/4 (M. 75/2) of Ranipet-Krishnagiri Road N.H. 46. E.M.D. Rs. 1,000.
3. Reconstruction of Minor bridge at K.m. 128/10 (M. 79/5) of Ranipet-Krihnagiri Road N.H. 46. E.M.D. Rs. 930.
4. Reconstruction of Minor bridge at K.m. 127/10 (M. 80/3) of Ranipet-Krishnagiri Road N.H. 46. E.M.D. Rs. 940.
5. Reconstruction of minor bridge at K.m. 126/2 (M. 81/4) of Ranipet-Krishnagiri Road N.H. 46. E.M.D. Rs. 1,400.
6. Reconstruction of minor bridge at K.m. 121/1 (M. 84/5) of Ranipet-Krishnagiri Road N.H. 46. E.M.D. Rs. 1,220.
7. Reconstruction of minor bridge at K.m. 106/8 (M. 93/3) of Ranipet-Krishnagiri Road N.H. 46. E.M.D. Rs. 2,020.
8. Reconstruction of minor bridge at K.m. 102/6 (M. 96/6) of Ranipet-Krishnagiri Road N.H. 46. E.M.D. Rs. 2,230.
9. Reconstruction of minor bridge at K.m. 87/2 (M. 105/4) of Ranipet-Krishnagiri Road N.H. 46. E.M.D. Rs. 2,620.
10. Reconstruction of minor bridge at K.m. 79/4 (M. 110/3) of Ranipet-Krishnagiri Road N.H. 46. E.M.D. Rs. 1,200.
11. Reconstruction of minor bridge at K.m. 75/8 (M. 112/3) of Ranipet-Krishnagiri Road N.H. 46. E.M.D. Rs. 1,280.
12. Reconstruction of minor bridge at K.m. 63/8 (M. 119/8) of Ranipet-Krishnagiri Road N.H. 46. E.M.D. Rs. 3,150.

The tender will be opened on the same day (i.e.) on 12th January 1972 at 3-15 p.m. by the Superintending Engineer (Highways), Special Circle for N.H. Works, Madras-1.

Particulars of tender conditions, schedule forms and plans can be obtained from the office of the Divisional Engineer (N.H.), Special N.H. Division I, Second Floor, Kuralagam Buildings, Madras-1 from 5th January 1972 to 11th January 1972 on payment of Rs. 25-88 (including sales tax) on all working days during office hours. This amount will not be refunded under any circumstances. No application for issue of tender documents will be entertained on the date of tender.

The E.M.D. noted above should be remitted if any of the Government Treasuries within the jurisdiction of the Divisional Engineer (Highways) N.H. Division I, Madras-1 under the head of account 'Revenue, Deposit I', on behalf of the Divisional Engineer (Highways), N.H. Division I, Madras-1 and the receipted chalan should be enclosed with tender. If the bank guarantee is produced towards E.M.D., it should be in the form prescribed by the Government. The concurrence of Reserve Bank of India to the Bank guarantee should also be submitted along with the tender.

The tender received without prescribed earnest money deposit will not be considered.

No. 98.

**Superintending Engineer,
(Highways).**

GOVERNMENT PRESS, MADRAS.

TENDER NOTICE.

Sealed tenders will be received up to 3-00 p.m. on 20th January 1972 for the supply of "Saw and Knife Grinding Machine" to the Government Press, Madras. Full particulars may be obtained from the Director of Stationery and Printing, Madras.

No. 97.

Joint Director,

TAMIL NADU STATE TRANSPORT DEPARTMENT.

TENDER NOTICE.

Sealed quotations for the supply of the following materials are invited by the undersigned up to 3 p.m. on the dates noted against each. Detailed conditions of tender and other particulars can be had free of cost from the Purchase Officer, Tamil Nadu State Transport Department, Madras-2, on any working day.

<i>Description of articles.</i>	<i>Tender due date.</i>
1 Cotton Waste—Superior quality ..	12th January 1972.
2 Pneumatic Air hose ..	17th January 1972.
3 Rear view mirror 3" dia. convex type.	19th January 1972.

No. 96.

Director.

ANIMAL HUSBANDRY DEPARTMENT.

AUCTION NOTICE.

Seventeen Animals (Cattle) will be auctioned at the premises of the District Livestock Farm, Tirunelveli at Abishekapatti on 10th January 1972 at 10-00 a.m. and if necessary on succeeding days also. An earnest deposit of Rs.50 be paid by the intending bidders before auction. The Animals can be inspected on all working days at the farm.

1. Murrah She-Bufferloe	1
2. Murrah Heifer Calf	2
3. Gir Bulls	2
4. Gir Bull Calf	2
5. Murrah Bull	3
6. Murrah Bull Calf	1
7. Work Bullock	6

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No. 54.

Superintendent, District
Livestock Farm, Tirunelveli.

HIGHWAYS AND RURAL WORKS DEPARTMENT

CHIT TENDER NOTICE.

For and on behalf of the Governor of Tamil Nadu Sealed Tenders will be received by the Divisional Engineer (Highways and Rural Works), Saidapet at his Office upto 3-30 p.m. on 5th January 1972 for the supply of the tested M. S. Rods of various sizes for a period of 3 month from January 1972 to March 1972.

Particulars of Tender, Tender forms, conditions, etc., can be had from the Divisional Accountant and Manager of the Divisional Engineer's Office (H. & R.W.) Saidapet on application on payment of Rs. 5-18 (not refundable) on all working days during Office hours between 10-30 a.m. to 5-00 p.m. from 29th December 1971 to 4th January 1972.

No. 52.

Divisional Engineer (H. & R.W.)
Saidapet, Madras-15.

TAMIL NADU ELECTRICITY BOARD.

TENDER NOTICE.

For and on behalf of the Tamil Nadu Electricity Board sealed tenders, with the Specification No. E.1524 and due date of 12-00 noon on 19th January 1972 superscribed on the cover, are invited by the undersigned for the supply of 2 Nos: Pay Loaders as specified below. E.M.D. is Rs. 1,000.

Pay loader to handle various types of coal at Basin Bridge Thermal Power Station. Lifting capacity 600—1000 Kg. with full view all weather type cabin. The following particulars should be furnished :—

- (1) Make ;
- (2) Lifting capacity ;
- (3) Bucket capacity ;
- (4) Maximum Tripping height ;
- (5) Dumping angle ;

(6) Lift time at full load ;

(7) Dump time ;

(8) Vehicle details ;

(9) Other details if any.

Prices.—Firm F.O.R. Basin Bridge Power House, Madras price inclusive of insurance but exclusive of Excise Duty and Sales Tax shall be quoted. Prices quoted shall be firm in all respects.

Delivery.—The delivery quoted shall be guaranteed under penalty of $\frac{1}{2}$ per cent per week subject to a maximum of 10 per cent of the contract value.

Payment.—90 per cent (Ninety per cent) payment will be made within 30 days after receipt of materials at site in good condition and the balance 10 per cent will be paid within three months, if all the other conditions of the purchase order are satisfied.

The tenderers shall give their specific acceptance in the tender itself to the terms of payment and penalty stipulated herein.

Validity.—The tenders should be valid for acceptance for a period of 120 days from the date of opening.

General.—The tenderer should make his own arrangements for procuring the raw materials required for the manufacture of the pay loaders.

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

The tenders will be opened in the presence of such of those tenderers who may be present at 3-00 p.m. on 19th January 1972, the due date. Tenders received after the due date will not be considered.

The Board reserves the right to split the tenders and place orders for supply covered by any of these specifications on one or more tenderers. The Board also reserves the right *not* to accept any or all tenders without assigning any reasons therefor.

A demand draft in favour of the Accounts Officer, Madras Electricity System (Distribution), Rayala Buildings, 155, Anna Salai, Madras-2 for the amount specified shall be submitted with the tender towards Earnest Money Deposit failing which the tenders will be rejected summarily. *Cheques will not be accepted.*

As all the relevant details are given in this tender notice itself there are no other detailed specifications.

No. 118.

Superintending Engineer,
Technical (Electrical).

TAMIL NADU SLUM CLEARANCE BOARD.

OFFICE OF THE EXECUTIVE ENGINEER,
DIVISION NO. IV, ASHOK NAGAR, MADRAS-83.

Tender Notice.

For and on behalf of the Tamil Nadu Slum Clearance Board sealed tenders with name of work and tenderer duly superscribed on the cover are invited from the Registered Contractors by the Executive Engineer, Slum Clearance Board, Division No. IV at his Office at Ashok Nagar, Madras-83 (near Ashok Pillar) up to 3-00 p.m. on 30th December 1971 for the following works. The tenders will be opened at 3-15 p.m. on the same day in the presence of the tenderers who choose to be present at that time. Form of contract—L.S. Cost of tender documents—Rs. 15 plus S.T. for each work. Period of Completion—9 months.

Name of work.

Approximate value of the work in rupees.

Construction of two blocks of 32 in 1 (A1 and A2) one roomed four storeyed tenements as per T.D. 217/70 at Jafferkhanpet Scheme II— <i>Batch I. E.M.D.—Rs. 6,000.</i>	3,97,600
Construction of three blocks of 32 in 1 (A3, A4 and A5) one roomed four storeyed tenements as per T.D. 217/70 at Jafferkhanpet Scheme II— <i>Batch II. E.M.D.—Rs. 9,000.</i>	5,96,400

The tender documents can be had from the office of the Executive Engineer, Slum Clearance Board, Division IV, Ashok Nagar, Madras-83, on all working days between 11-00 a.m. and 3-00 p.m. from 20th December 1971 only on production of receipted chalan towards the cost of tender schedules plus sales tax.

Right is reserved to reject one or all the tenders received without assigning any reasons therefor.

No. 71A.

**Executive Engineer,
Slum Clearance Board.
Division No. IV.**

HIGHWAYS AND RURAL WORKS DEPARTMENT.

CHIT TENDER NOTICE.

For and on behalf of Governor of Tamil Nadu sealed scheduled tenders will be received by the Superintending Engineer (National Highways), Madurai, at his office at No. 11, Avvaiyar Street, Narimedu, Madurai-2, up to 3-30 p.m. (Office Clock) on 12th January 1972 (Wednesday) for the works noted below and opened at 3-35 p.m. on the same date.

1. Construction of a bridge at KM. 3/2 (M. 1/7) of Tondi Sundarapandianpattinam. E.M.D.—Rs. 9,095.

2. Construction of a bridge at KM. 1/8 (M. 1/1) of Tondi Sundarapandianpattinam. E.M.D.—Rs. 8,080.

Tender documents will be available at Divisional Engineer (N.H.), Division I, Tiruchirappalli-1.

Particulars of tender conditions, prescribed forms, schedules plans, etc., can be obtained from the office of the Divisional Engineer (National Highways), Tiruchirappalli-I Division, Tiruchirappalli-1, on requisition in writing and on payment of Rs. 20-70 per set including Sales Tax (not refundable) on all working days during working hours from 5th January 1972 to 11th January 1972.

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

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

Tenders without Earnest Money Deposit will be summarily rejected.

No. 51.

**Superintending Engineer
(National Highways), Madurai-2.**

MADRAS CITY POLICE.

TENDER NOTICE.

Tender for the supply of Road-marking paints and Traffic Sign Boards for the year 1971-72.

Sealed tenders are invited for the supply of Spirit based Road-marking paints and Traffic Sign Boards required by the Traffic Department, Madras City Police, for the period from 1st December 1971 to 28th February 1972.

2. The tenders must reach the undersigned before 4-00 p.m. on 15th January 1972.

3. The form of tender and contract with schedule of articles required can be obtained at the office of the Commissioner of Police (Stores Section), Egmore, Madras-8, on payment of Rs. 2-07 (Rupees two and paise seven only), which will not be refunded under any circumstances.

No. 119.

Commissioner of Police.

DIRECTORATE OF SMALL SAVINGS.

CHIT TENDER NOTICE.

Sealed tenders on lump-sum basis are invited for the purchase of 8 numbers of animated and 2 numbers of non-animated types of publicity exhibits treated as scrap lying at our godown at "Clives Barracks," Fort St. George, Madras-9, on "as is where is" condition.

Tenders superscribed "Tender for the purchase of animated and non-animated exhibits due on 7th January 1972" accompanied by the original chalan for Rs. 100 remitted into the Reserve Bank of India, Madras, or any Government Treasury to the credit of the Government of Tamil Nadu under the head

"T. Deposits and Advances—III. Advances not bearing interest—Departmental advances—Earnest Money Deposit under Director of Small Savings, Madras"

towards earnest Money Deposit will be received by the Director of Small Savings, No. 34, Anna Salai, Madras-2 (opposite Government Arts College), up to 3-00 p.m. on the 7th January 1972 and will be opened the same day at 3-30 p.m. before such of those tenderers who wish to be present. Details of conditions of sale and specifications of exhibits can be had from this department on any working day.

The exhibits are open for inspection at our godown mentioned above between 2-00 p.m. and 5 p.m. on all working days from 16th December 1971 to 6th January 1972.

The undersigned reserves the right to reject or accept any or all the tenders without assigning any reason.

No. 34. **Director of Small Savings.**

TENDER NOTICE.

MADRAS CITY POLICE.

Tender for the supply of Enamel Traffic Sign Boards.

1. Sealed tenders are invited for the supply of English and Tamil Traffic Sign Boards indicating the speed limits of various types of motor vehicles within the City and the maximum punishment to be given for over-speeding by the Traffic Department, Madras City Police for the period from 1st December 1971 to 28th February 1972.

2. The tender must reach the undersigned before 4-00 p.m. on 15th January 1972.

3. The form of tender and contract with Schedule of articles required can be obtained at the office of the Commissioner of Police (Stores Section), Egmore, Madras-8, on payment of Rs. 2-07 (rupees two and paise seven only) which will not be refunded under any circumstances.

No. 46

Commissioner of Police.

TENDER NOTICE.

Name of the work.—Improving A. 14 Idiar Channel of Nandalar from 0/0 km. to 7-520 km.—Regarding.

The last date for the receipt of tender for the above work has been extended to 12-11-1972. The application for the supply of the above tender documents should reach this office on or before 10th January 1972. Other conditions as per original tender notice published in Tamil Arasu edition, dated 16-11-1971, remain unaltered.

Special Superintending Engineer, Cauvery Development Works Circle, Thanjavur.
No. 3A

PUBLIC WORKS DEPARTMENT.

TENDER DATE EXTENSION.

Subject :—Construction of a Rest House at Point Calimer in Tiruthuraipundi Taluk of Thanjavur District.

Reference.—Tender published in Tamil Arasu, dated 15-11-1971.

The last date for the receipt of tenders for the above work is extended up to 3-00 p.m. on 20th January 1972. Tender schedules will be available up to 5-00 p.m. on 19th January 1972.

All other conditions remain unaltered.

Superintending Engineer, Thanjavur Circle, Thanjavur.
No. 4A

AGRICULTURE DEPARTMENT.

AUCTION NOTICE.

A public auction will be conducted for the disposal of the Crawler, type tractors TD.14-1 No., T.D.9-1 No., T.D.6-2 Nos., T6-4 Nos. and surplus spare parts, plough spares (new) of Bulldozer and Tractor (W.6, T.6, TD.9 and TD. 14) in the premises of Government Agricultural Implements Workshop at Elavangargudi Post, Tiruvarur, Thanjavur District, Tamilnadu at 3-00 p.m. on 17th January 1972. Indenting bidders may participate in the auction.

Particulars regarding the list of spares conditions of auction sales may be obtained from the above office on payment of Rs. 1-04 (rupee one and paise four only) by Money Order or Demand Draft (not refundable) from 1st January 1972 to 13th January 1972.

The vehicles and the spares may be inspected at the above premises during any working day between the office hours.

The undersigned reserves full rights either to accept or to reject any of the bids without assigning any reasons thereof.

General Superintendent, A.I.W., Tiruvarur.
No. 5A

GENERAL NOTIFICATION.

Tender for the Supply of diet, etc., articles required for the Government Medical Institutions in Thanjavur district during the year 1972-73.

Notice is hereby given that sealed tenders for the supply of the diet and other hospital necessities during the period commencing from the 1st April 1972 or such other date as may be specifically fixed in each case by the authority accepting the tender and ending with 31st March 1973 for the undermentioned Government Medical Institutions in Thanjavur district will be received on behalf of the Governor of Tamil Nadu by the officers noted against each institution up to 2 p.m. on Friday, the 7th January 1972.

[1] Government District Headquarters Hospital, Nagapattinam.

[2] Government Hospitals at Kumbakonam, Manargudi, Mayuram, Tiruvarur, Pattukkottai, Tiruthurai-poondi, Sirkali, Nannilam, Adiramaipattinam, Tiruthurai-pundi, Tirukkattupalli, Koothanallur, Porayar, Tiruppanandal, Arantangi, Peravurani, and Government Women and Children Hospital, Tiruthurai-pundi.

[3] Government Dispensaries at Papanasam, Kuttalam, Kodavasal, Swamimalai, Ammapet, Vaitheeswarankoil, Tiruvidamarudur, Nachiarkoil, Valangiman, Sundaraperumalkoil and Kiliyanur.

Note.—The tender for Government Women and Children Hospital, Tiruthurai-pundi should also be presented to the Medical Officer, Government Hospital, Tiruthurai-pundi at the Office of the Medical Officer, Government Hospital, Tiruthurai-pundi.

A copy of the conditions of tender with a schedule of articles required and a copy of tender form can be had from the above officers on production of a chalan for Rs. 5-15 (rupees five and paise fifteen only) towards the cost of tender form including sales tax. These amounts are not refundable. The fee of Rs. 5-15 (rupees five and paise fifteen only) should be paid into the State Bank of India, Madras or any of the branches of State Bank of India or any of the Government Treasuries to the credit of the Tamil Nadu Government under the Head "XXIII. Medical—I. Director of Health Services and Family Planning—g. Miscellaneous other receipts." The sales tax charges should be indicated separately in the column "on what account" in the chalan under the head "XII. Sales Tax receipt under the Sales Tax Acts—General Sales Tax". The chalans should be produced at the office of the hospital or institutions concerned on any working day between 11 a.m. and 5 p.m. for obtaining the forms. No cash will be received under any circumstances.

The copies of the conditions of tender and the schedule of articles of tender should be returned along with the tender papers duly attested by the contractors in token of their having read, understood and agreed to the conditions. The tenderers are requested to address their tenders to the Superintendent or Medical Officer of the Medical Institutions concerned (acting for and on behalf of and by order and direction of the Government of Tamil Nadu).

The cost of articles should be worked out in rupees and paise. The quantities and the units for which rates are quoted should be in terms of metric system only.

Note.—[i] Each tender must be accompanied by a solvency certificate obtained on or after 1st October 1971, in the prescribed form and signed by a Tahsildar or a true copy of the same duly attested by a Gazetted Officer. [ii] Wherever the value of the tender exceeds Rs. 10,000 income-tax clearance certificate will have to be produced. [iii] The sales tax clearance certificate should also be produced along with the tender. [iv] Each tender must be accompanied by a Nationality Certificate obtained on or before 1st October 1971 from a Revenue authority not lower than that of a Tahsildar (or by the Headquarters Deputy Tahsildar on behalf of the Tahsildar) or a true copy of the same attested by a Gazetted Officer. [v] The tenderer should not enter into any correspondence concerning the tender once the tender has been submitted by him.

District Medical Officer, Thanjavur at
Nagapattinam.

No. 12

PUBLIC WORKS DEPARTMENT.

Chit Tender Notice.

1. For and on behalf of the Governor of Tamil Nadu, sealed tenders will be received by the Superintending Engineer, Public Works Department, Tirunelveli-Kanyakumari Circle, Tirunelveli-2, for the work mentioned below up to 3-00 p.m. on 12th January 1972. The tenders will be opened at 4 p.m. on the same day.

Name of work.—Constructing A.R.C.C. Box for the Reach 0-0-486 to 0-1-275 of Karungal Distributary.

The form of contract is L.S., E.M.D. is Rs. 4,300 and cost of tender documents is Rs. 20 plus S.T. 0-70 paise. The work is to be completed in 4 months.

2. The cost of tender documents not refunded is to be remitted in any treasury under the head "P.W. III—O.R. Receipt on account of the Executive Engineer, Public Works Department, Radhapuram Canals Division, Nagercoil, Kanyakumari District and the sales tax under the head "XII.S.T.[b] Receipts under the State Sales Tax Act—General Sales Tax."

3. Tender schedules and other documents can be had either by post or in person from the office of the Superintending Engineer, Public Works Department, Tirunelveli-Kanyakumari Circle, Tirunelveli-2, during office hours on all working days from 16th December 1971 to 7th January 1972 on application to the Manager with the receipted chalan towards the cost of tender documents and sales tax. Applications received after that date will not generally be considered.

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

Superintending Engineer,
Public Works Department,
Tirunelveli-Kanyakumari Circle,
Palayamkottai, Tirunelveli-2.

No. 44A.

TAMIL NADU HOUSING BOARD

TENDER NOTICE.

Separate sealed tenders for undermentioned work (duly superscribing the name of work on the cover) are invited by the Project Officer, Cellular Concrete Plant, Tamil Nadu Housing Board, Ennore, Madras-57, up to 3 p.m. on 29th December 1971.

The tender will be opened by him on the same day at 3-05 p.m. in the presence of tenderers or other authorised representatives who choose to be present.

E.M.D. is Rs. 10,800 and cost of tender documents Rs. 10 plus Sales Tax (non-refundable).

Approximate quantity of supply is 1,200 Metric Tonnes per month for a period of six months.

Name of work .. **Supply and stacking of Coal as per specification (Bengal-Bihar field) at Ennore site for calcination of lime stone in lime shaft kiln.**

The tender documents and other particulars can be had from the Office of the Project Officer, Cellular Concrete Plant, Tamil Nadu Housing Board, Ennore, Madras-57, from 6th to 28th December 1971 date during working hours (i.e., 9-45 a.m. to 4-15 p.m.).

The Project Officer reserves the right to reject any or all tenders without assigning any reason.

Project Officer (C.C.P.).

No. 12

HIGHWAYS AND RURAL WORKS DEPARTMENT

CHIT TENDER NOTICE

Tenders—Annual Maintenance of Government Roads for the year 1972-73, Dindigul Division (Highways and Rural Works) Department.

For and on behalf of the Governor of Tamil Nadu, sealed tenders will be received in tender forms by the Divisional Engineer (Highways and Rural Works), Dindigul, up to 4 p.m. (As per Divisional Engineer's Office Clock) at his Office on 20th January 1972 for the Annual Maintenance of the Government Roads for the year 1972-1973. Tenders will be opened on the same day at 4-05 p.m. in the presence of the contractors or their authorised agents.

2. Particulars of tenders in the prescribed forms along with general conditions of tenders can be had from the Manager, Office of the Divisional Engineer (Highways and Rural Works), Dindigul, an application in writing in all working days during working hours from 10th to 19th January 1972 (both days inclusive) on payment of Rs. 5.18 (rupees five and paise eighteen only) including sales tax for a work and this amount will not be refunded at any cost. The tender forms and other connected documents will not be sold on the date of Tender, i.e., 20th January 1972.

3. Details of works and the earnest money deposit required for each work will be notified in the Notice Board of the Office of the Divisional Engineer (Highways and Rural Works), Dindigul, all offices of the Assistant Engineers (Highways and Rural Works) and in all Section offices (Highways) in Dindigul Division from 10th to 19th January 1972.

4. The earnest money deposit should be remitted in any of the Government Treasuries within the Jurisdiction of Divisional Engineer (Highways and Rural Works), Dindigul, under the head "REVENUE DEPOSIT" and chalan receipt shall be enclosed with the Tender. Earnest money deposit in the shape of 12 years National Defence Certificates, State Government Securities, Tamil Nadu State Electricity Board Bonds, Bank Guarantees, Deposit at Call Receipts, Demand Draft issued on Schedule Banks obtained in favour of the Divisional Engineer (Highways and Rural Works), Dindigul, will also be accepted. Tenders received without earnest money deposit will be rejected.

**Divisional Engineer (H. & R.W.),
Dindigul.**

No. 37-A

SALE OF FINE WOOL.

Sale of fine wool from the Sheep Breeding Research Station, Sandynallah P.O., Nilgiri district.

Notice is hereby given that sealed tenders in triplicate for the purchase and removal of uncleaned fine (apparel) wool collected by shearing of the wooly sheep maintained at the Sheep Breeding Research Station, Sandynallah, Nilgiri district, during the year 1971-72, will be received up to 3-00 p.m. on 29th January 1972 and opened and finalised at 3-30 p.m. on the same date (29th January 1972) by the Research Officer (Nutrition), Sheep Breeding Research Station, Sandynallah P.O., Nilgiri district, on behalf of the Governor of Tamil Nadu. The details of wool available for purchase are as follows :—

Wool from.		Approximate quantity available (in kg.).
1. Merino Breed		355
2. Nilgiri Breed		180
3. Romney March		5
4. Merino Crosses		340
5. Romney Marsh and other crosses.		775

Note.—The terms and conditions of the above sale can be had direct from the Research Officer (Nutrition), Sheep Breeding Research Station, Sandynallah P.O., Nilgiri district, Tamil Nadu State.

**Director of Veterinary Education
and Research and Dean, Madras
Veterinary College, Madras.**

No. 36.

SUPPLIES TO GOVERNMENT PRESS.

Sealed tenders will be received up to 3-00 p.m. on 19th January 1972 for the supply of various items of Stores to the Government Press, Madras, for the year 1972-73. Tenders should be prepared in Tender Schedule, copies of which can be had from the Sales Officer, Government Publication Depot, Madras-2, on payment of Rs. 2 in cash. Further particulars may be obtained from the Director of Stationery and Printing Department, Government Press, Mint Buildings, Madras-1.

No. 89-A. **G. RANGA RAO,**
Director of Stationery and Printing.

Tender date Extension.

Name of work.—Construction of Buildings for quarters for one Sub-Inspector, four Head-Constables and 18 Police Constables at Thiruvaiyaru.

Reference : Tender notice published in *Tamil Arasu*, dated 1st November 1971 and 16th November 1971.

The last date for the receipt of tenders for the above work is extended up to 3-00 p.m. on 6th January 1972. Tender schedules will be available up to 5-00 p.m. on 5th January 1972. All other conditions remain unaltered.

No. 108A. **Superintending Engineer,**
Public Works Department,
Thanjavur Circle, Thanjavur.

**HIGHWAYS AND RURAL WORKS DEPARTMENT
NATIONAL HIGHWAYS WORKS
(MADURAI CIRCLE).**

For and on behalf of Governor of Tamil Nadu sealed scheduled tenders will be received by the Superintending Engineer (National Highways), Madurai at his office at No. 11, Avvaiyar Street, Narimedu, Madurai-2, up to 3-30 p.m. (Office Clock), on 12th January 1972 (Wednesday) for the works noted below and opened at 3-35 p.m. on the same date.

- I. Widening and strengthening the pavement from K.M. 37/6 to KM 231/6 of Madurai-Kanyakumari, N.H.-7—
From KM. 37/6 to 55/0. E.M.D. Rs. 32,100.
From KM. 55/0 to 65/0. E.M.D. Rs. 24,800.

From KM. 65/0 to 77/0.	E.M.D. Rs. 31,500.
From KM. 77/0 to 88/4.	E.M.D. Rs. 29,100.
From KM. 95/0 to 105/0.	E.M.D. Rs. 25,900.
From KM. 105/0 to 115/0.	E.M.D. Rs. 30,000.
From KM. 115/0 to 125/0.	E.M.D. Rs. 27,800.
From KM. 125/0 to 134/0.	E.M.D. Rs. 19,000.
From KM. 134/0 to 146/4.	E.M.D. Rs. 31,300.
From KM. 170/0 to 183/0.	E.M.D. Rs. 26,600.
From KM. 183/0 to 195/0.	E.M.D. Rs. 36,200.
From KM. 195/0 to 203/0.	E.M.D. Rs. 21,400.
From KM. 203/0 to 213/0.	E.M.D. Rs. 20,200.
From KM. 213/0 to 224/6.	E.M.D. Rs. 31,700.
From KM. 224/0 to 231/6.	E.M.D. Rs. 21,700.

II. Widening and strengthening the pavement of Salem-Dindigul. Section of N.H. 7, From KM. 345/0 to 355/0. E.M.D. Rs. 31,000.

From KM. 403/0 to 417/250 of N.H. 45, E.M.D. Rs. 33,700.

Particulars of tender conditions, prescribed forms, schedules, plans, etc., can be obtained from the Office of the Special Divisional Engineer (National Highways Works), Madurai, on requisition in writing and on payment of Rs. 20-70 per set including Sales-Tax (not refundable) on all working days during working hours from 5th January 1972 to 11th January 1972.

Note.—Tenders in respect of the last two items to be had from Divisional Engineer II (N.H.), Tiruchirappalli.

Alternate design proposals will not be entertained. The E.M.D. noted above shall be remitted in any of the Government Treasuries within the jurisdiction of the Special Divisional Engineers (National Highways Works), Madurai/Tiruchirappalli-II Division, under "Revenue Deposit" and the receipted chalan should be enclosed with the tender.

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

Tenders without Earnest Money Deposit will be summarily rejected.

No. 81-A. **Superintending Engineer (National Highways), Madurai.**

Read

Tamil Arasu

Regularly :

For appointment and Training notifications and Scholarship Announcements by the Government.

Annual subscription Rs. 8-00

For 6 months Rs. 4-00

TAMIL NADU WATER-SUPPLY AND DRAINAGE BOARD.

For and on behalf of the Tamil Nadu Water-supply and Drainage Board, sealed tenders in the proper departmental form will be received from the Registered Contractors of the appropriate class of the Tamil Nadu Water-supply and Drainage Board (P.H. Engineering and Municipal Works Department, P.W.D., Highways and Rural Works or any other similar Government Department) by the Superintending Engineer (P.H.E.), at his office at No. 17, Sir P.T. Rajan Road, Madurai-2 up to 3-00 p.m. on 19th January 1972 and they will be opened on the same day at 3-30 p.m. Form of contract is lump-sum and the work should be executed in six months.

Name of work.—Kulithalai W.S. Scheme—II Stage—**Headworks—Supply, delivery and erection of pumpset and accessories**—E.M.D. Rs. 1,600.

Earnest money deposit has to be deposited along with the tender in the shape of a treasury chalan or Demand Draft or Bank Guarantee from any nationalised Bank payable on par to the credit of the Executive Engineer, P.H. Engineering Division, B-15, Thillainagar Main Road, Tiruchirappalli-3.

Cost of tender documents.—Rs. 15-55.

Tender documents can be obtained from the Executive Engineer, P.H. Engineering Division, B-15, Thillainagar Main Road, Tiruchirappalli-3 (up to 5-00 p.m. on 17th January 1972).

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

No. 106.

DEPARTMENT OF EMPLOYMENT AND TRAINING

Sealed tenders are invited by the undersigned on behalf of the Governor of Tamil Nadu up to 3 p.m. on 25th January 1972 for the supply of tools, equipment and instruments required for the trades of Mechanic (Motor Vehicle), Turner and Welder in Industrial Training Institute, Tiruchendur, in this State. The schedule of requirements and conditions of tender, etc., can be had from the Office of the Director of Employment and Training, Chepauk, Madras-5 on application only with a receipted Treasury/Reserve Bank of India chalan for Rs. 10.35 (Rupees ten and paise thirty-five only) being the cost and the sales tax of the tender form, which is not refundable.

The amount towards the cost of tender forms and sales tax should be credited to Tamil Nadu Government account under the head "XXII. E. Technical Education—Fees and other receipts—Government Technical Institutions—Fees and other receipts—(a) Fees and other charges—(ix) Receipts from Craftsmen Training Schemes—Miscellaneous receipts", clearly indicating in the chalan that Rs. 10 is towards the cost of tender form and paise thirty-five is sales tax.

The tenders will be opened on 27th January 1972 at 11 a.m.

Director of Employment and Training,

No. 109.

Madras-5.

CHIT TENDER NOTICE.

Sealed tenders will be received by the Superintending Engineer, P.W.D., Ramanathapuram Circle at his office at Madurai-1 for the following works in separate covers up to 4-00 p.m. on 25th January 1972. The tenders will be opened by the Superintending Engineer, P.W.D., Ramanathapuram Circle, Madurai-1 in the presence of the tenderers who choose to be present at 4-30 p.m. on the same day. Form of agreement is K-2. Cost of tender schedule is Rs. 20 plus sales tax.

1. Construction of an anicut across Gundar to feed Narayanacuvery channel including Flood bank in Aruppukkottai Taluk of Ramanathapuram District. E.M.D. Rs. 13,100.

The cost of tender documents for each set is payable under the sub-head "P.W. III. Other remittances on account of Executive Engineer P.W.D. Sivaganga Division, Sivaganga. Besides sales tax" at $3\frac{1}{2}$ per cent extra which is payable under the head "XII. General Sales Tax".

Tender documents will be available for sale at the Office of the Superintending Engineer, P.W.D., Ramanathapuram Circle, Madurai-1, during the office hours from 17th January 1972 onwards. The last date for receipt of application for the tender schedule is 22nd January 1972 and the applications received after that date will not be generally considered.

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

No. 107

**Superintending Engineer, P.W.D.,
Ramanathapuram Circle, Madurai.**

CHIT TENDER NOTICE.

Sealed tenders for the following work will be received for and on behalf of the Governor of Tamil Nadu by the Superintending Engineer, P.W.D., Tiruchirappalli Circle, Tiruchirappalli-1 in his Office at Tiruchirappalli up to 3-00 p.m. on 24th January 1972 and tenders received will be opened on the same day at 3-30 p.m.

1. Name of work.—**Construction of eight Lecture Halls in the H.H. The Rajah's College at Pudukkottai (semi-permanent).**—E.M.D. Rs. 3,100.

Form of contract is lump-sum and the work should be completed in 5 months. Tender documents will be available for sale from 10-1-1972 onwards.

The cost of tender documents i.e. Rs. 25 should be remitted into a Government Treasury under the head of account "XXXVII—Public Works—State Revenue. Miscellaneous" and the sales tax amount, viz., Re. 0-88 paise under the head "XII. Sales Tax—B. Receipts under the State Sales Tax Act—General Sales Tax" in a single chalan. The chalan should accompany the application for the supply of tender documents for the above work.

No. 108.

**Superintending Engineer, P.W.D.,
Tiruchirappalli Circle, Tiruchirappalli.**

TAMIL NADU HOUSING BOARD.

TENDER NOTICE

Separate sealed tenders with the name of work and tenderer duly superscribed on the cover are invited for the following works so as to reach the undersigned not later than 3-00 p.m. on the dates mentioned against each item. The tenders will be opened at 3-05 p.m. on the same day in presence of tenderers who choose to be present. Tender costs noted is excluded from sales tax.

1. Construction of sewage pumping station for North Madras Neighbourhood scheme near Vyasarpadi.—E.M.D. Rs. 2,250. Approximate value of work—Rs. 1,50,000. Cost of tender documents Rs. 10. Date of sales of tender form 10th January 1972 and last date for receipt of tender 22nd January 1972.

2. Construction of 44 M.I.G. flats in 11 blocks of 4 in 1 as per design No. 3A/68 in North Madras Neighbourhood Scheme near Vyasarpadi. (Retender)—E.M.D. Rs. 10,400. Approximate value of work Rs. 6,93,000. Cost of tender documents Rs. 20. Date of sale of tender forms 3rd January 1972 and last date for receipt of tender 12th January 1972.

3. Construction of godown-cum-sub-divisional office in North Madras Neighbourhood Scheme near Vyasarpadi (Retender)—E.M.D. Rs. 880. Approximate value of work Rs. 58,500. Cost of tender documents Rs. 10. Date of sale of tender form 3rd January 1972 and last date for receipt of tender 7th January 1972.

4. Construction of storm water drain pumping station in North Madras Neighbourhood Scheme near Vyasarpadi.—E.M.D. Rs. 190. Approximate value of work. Rs. 12,500. Cost of tender documents Rs. 5. Date of sales of tender documents 3rd January 1972 and last date for receipt of tender 12th January 1972.

5. Construction of retaining wall in North Madras Neighbourhood Scheme Area-II.—E.M.D. Rs. 3,000. Approximate value of work Rs. 2,00,000. Cost of tender documents Rs. 10. Date of sale of tender documents 10th January 1972 and last date for receipt of tender 24th January 1972.

6. General filling in low lying areas of North Madras Neighbourhood Scheme.—E.M.D. Rs. 9,25. Approximate value of work Rs. 6,16,400. Cost of tender documents Rs. 20. Date of sale of tender documents 10th January 1972 and last date for receipt of tender 24th January 1972.

7. Providing block topping of the part width road in North Madras Neighbourhood Scheme Area—E.M.D. Rs. 1,875. Approximate value of work Rs. 1,24,700. Cost of tender documents Rs. 10. Date of sales of tender form 10th January 1972 and last date for receipt of tender 24th January 1972.

8. Supply of stone were pipes 6" and 9" for sewage scheme for North Madras Neighbourhood Scheme.—E.M.D. Rs. 2,475. Approximate value of work Rs. 1,65,000. Cost of tender form Rs. 10. Date of sales of tender form 3rd January 1972 and last date for receipt of tender 22nd January 1972.

9. Supply of lead wool, M.S. ventilating shaft 6" width suitable base and cowl for sewage scheme in North Madras Neighbourhood Scheme.—E.M.D. Rs. 1,125. Approximate value of work Rs. 75,000. Cost of tender forms Rs. 10. Date of sale of tender forms 3rd January 1972 and last date for receipt of tender 18th January 1972.

10. Supply of 10" (250mm.) C.I. pipe and specials to sewage scheme to Foreshore Estate—E.M.D. Rs. 2,025. Approximate value of work Rs. 1,35,000. Cost of tender forms Rs. 10. Date of sales of tender forms 10th January 1972 and last date for receipt of tender 24th January 1972.

11. Filling in the low lying areas in North Madras Neighbourhood Scheme Area II.—E.M.D. Rs. 3,750. Approximate value of work Rs. 2,50,000. Cost of tender documents Rs. 15. Date of sales of tender forms 10th January 1972 and last date for receipt of tender 24th January 1972.

12. Gravelling and metalling the 80' road in North Madras Neighbourhood Scheme Area-II.—E.M.D. Rs. 1,275. Approximate value of Work Rs. 85,000. Cost of tender documents Rs. 10. Date of sales of tender forms 10th January 1972 and last date for receipt of tender 24th January 1972.

Tender documents and other particulars, etc., can be had on cash payment (not refundable) from the Office of the undersigned between 11 a.m. to 12 p.m. on all working days. The undersigned reserves the right to accept or reject any or all tenders without assigning reasons.

T. SAMUVEL THAMBU,
Executive Engineer (East),
Tamil Nadu Housing Board.

No. 104.

PUBLIC WORKS DEPARTMENT

Name of work: Construction of Hostel Building for Government Arts College for Women, North Madras.

The last date of receipt of tenders for the above works stands postponed from 15th December 1971 to 3-00 p.m. on 27th January 1972. Tender documents for the above work will be available in this officer from 17th January 1972 to 25th January 1972. All other conditions remain unaltered.

**Superintending Engineer, P.W.D.,
Madras-Chingleput Circle, Madras-5.**

No. 105.

AUCTION NOTICE.

An auction for running the Officers' Mess in the premises of the Government Stanley Hospital, Madras-1, will be held at the Office of the Dean, Government Stanley Hospital, Madras-1, at 3 p.m. on 5th January 1972.

Conditions for running the Officers' Mess can be had from the undersigned in person or through requisition accompanied by a self addressed and adequately stamped envelope.

**Dean,
Stanley Medical Hospital.**

No. 103.

TENDER NOTICE.

Department of Industries and Commerce.

Name of work: **Formation of earthen drains including lining in the North side developed plots at Industrial Estate, Guindy.**

For and on behalf of the Governor of Tamil Nadu, sealed tenders will be received by the Superintending Engineer, Construction Branch, Industries and Commerce Department, from contractors of appropriate class of Construction Branch of Industries Department and other Government Departments for the above works upto 3-00 p.m. on 18th January 1972. The tenders will be opened by the Superintending Engineer, Construction Branch, Industries Department, 35/2, Woods Road, Madras-2 in the presence of those tenderers who choose to be present at 3-10 p.m. on the same day.

Form of agreement is L.S. E.M.D. is Rs. 3,200. and cost of tender documents with plans including S.T. Rs. 10-40. and the period of completion is six months.

Tender documents will be available for sale at the Office of the Executive Engineer (Construction), North Division, Department of Industries and Commerce, Industrial Estate, Guindy, Madras-32, during office hours from 20th December 1971.

The cost of tender documents including sales tax on cost of tender documents of Rs. 10-40 (which will under no circumstances be refunded) should be remitted into the Treasury or Reserve Bank of India under the head "XXIX. Industries—Other Receipts" to the credit of the Executive Engineer (Construction) North Division, Department of Industries and Commerce, Industrial Estate, Guindy, Madras-32.

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

Intending tenderers should have atleast three years experience in the construction of Major Civil Works.

No. 85.

**Superintending Engineer,
Construction Branch.**

TAMIL NADU FOREST DEPARTMENT.

Sealed tenders are invited by the Forest Engineer, Tiruchirappalli for the following work on behalf of the Governor of Tamil Nadu.

"Formation of Sitheri to Suriyakadai road 6.4 K.M. in Harur Range of Dharmapuri Division."
E.M.D.—Rs. 1,740.

Last date of receipt and opening of tenders on 12th January 1972 at 3-00 p.m. and 3-05 p.m. respectively.

2. Tender documents can be had from the office of the "Forest Engineer, 1-A, Royal Road, Cantonment, Tiruchirappalli-1" on payment of Rs. 1.04 in cash or by Money Order form 25th December 1971 to 11th January 1972 during the office hours on all working days.

No. 92.

Forest Engineer.

Sealed tenders are invited by the Forest Engineer, Tiruchirappalli for the following work on behalf of the Governor of Tamil Nadu.

"Formation of Chikkally-Tignari Road 3.8 K.M. in Thalimalai Range of Coimbatore North Division."
Earnest Money Deposit—Rs. 1,530.

The last date of receipt and opening of tenders is on 5th January 1972, at 3-00 p.m. and 3-05 p.m. respectively.

2. Tender documents can be had from the Forest Engineer, 1-A, Royal Road, Cantonment, Tiruchirappalli-1, on payment of Rs. 1.04 in cash or by M.O. from 20th December 1971 to 4th January 1972 during office hours on all working days.

No. 91.

Forest Engineer.

TENDER NOTICE.

On behalf of the Governor of Tamil Nadu sealed tenders are invited for the construction of Aqua Type latrines at Government Cinchona Plantations, Nilgiris in Naduvattam, Moyar, Cooker Wood, Devashola, Cherangode division and Medicinal and Essential Oils Factory Colony valued at about Rs. 55,000 in all.

The last date for receipt of the tenders is 3-00 p.m. on 15th January 1972 and the tenders will be opened by the undersigned or by his Gazetted Assistant at 3-30 p.m. on the same day.

The detailed tender notifications containing the Schedule can be had from the Superintendent, Government Cinchona Plantations, Naduvattam, Naduvattam Post, The Nilgiris, on any working day on payment of Rs. 2-07 (inclusive of Sales Tax) by cash or Money Order.

No. 122.

**Director,
Cinchona Department, P.B. No. 6,
Ootacamund.**

Radio Technicians Wanted.

Wanted Radio Technicians for employment in Police Radio Branch, in the existing scale of pay of Rs. 225—5—250—10—350 plus special pay of Rs. 15 plus D.A., H.R.A. and other allowances at the rates admissible in the Government of Tamil Nadu.

Qualifications.—(a) Minimum General Educational qualification.

(b) (i) Diploma or certificate in Radio maintenance and repair works from an institute recognised by the State or Central Government;

(ii) A certificate in proficiency in Radio servicing and maintenance from an Institute recognised by the State or Central Government and practical experience in the field of manufacturing, assembling, servicing and/or maintenance of Electronic and allied equipments in a Government undertaking or a reputed firm at least for a period of six months;

(iii) Any other qualification deemed equivalent to the qualifications prescribed by the Government of India for Police Radio Mechanics Class IV as noted in schedule II and in accordance with the instructions issued by the State Government with regard to such qualifications.

Note.—The Radio Mechanic Trade Certificate issued by the Director-General of Employment and Training or Trade Certificate issued by the National Council for training and Vocational Trades shall be recognised as an alternative qualification.

(c) He should possess an adequate knowledge of Tamil. Age—Below 30 years as on 1st July 1972.

Applications accompanied with a chalan for the remittance of Rs. 10 into a Government Treasury or Reserve Bank of India or a branch of Reserve Bank of India under the head of account “XIX. Police—Misc. receipts” (Fees from candidates) should reach the “POLICE RADIO OFFICER, MADRAS” on or before 18th January 1972 in the following form with the copies of certificates duly attested by a gazetted officer.

(1) Name (In block letters) and address. (2) Date of birth. (3) Educational qualifications. (4) Technical qualification. (5) Previous Experience. (6) Whether fees paid or exempted.

Note.—(a) S.S.L.C. marks list to be furnished.

(b) A candidate who has rendered war service or a Harijan or one who belongs to backward class who has passed the intermediate examination of Madras or Madurai or Annamalai University or who has acquired from any other University any other qualification equivalent to that of the above qualification, is exempted from paying the fees in which case he should produce at the time of interview proof of his eligibility for the same.

(c) No Travelling allowance is admissible for appearing for the interview.

(d) Candidates selected for appointment are liable to be posted anywhere in this State and if deemed necessary anywhere in India.

**Police Radio Officer,
Madras-4.**

No. 94.

SCREENING COMMITTEE FOR RECOGNITION OF TOURIST TAXI OPERATORS.

With a view to promoting Tourist Taxi Operators in the South, the Government have constituted a Screening Committee for scrutinising and recommending applications for recognition by the Government of India as Tourist Taxi Operators.

The Committee consists of the following members:—

1. Director of Tourism, Government of Tamil Nadu.
2. Deputy Transport Commissioner, Madras.
3. Director, Government of India Tourist Office, Madras.

The Committee will meet once in three months and on the basis of the recommendations of the Committee, the Director of the Government of India Tourist Office, Madras, will forward the application of the selected persons to Government of India for recognition as Tourist Taxi Operators.

The application in a proforma should be submitted to the Director of Tourism, Government of Tamil Nadu, Public (Tourism) Department, Fort St. George, Madras-9.

The following are the important conditions for the recognition of Tourist Taxi Operators.

1. That they have an office with adequate staff with telephone facilities.
2. That they have proper garaging facilities.
3. That they have at least two years experience in the car hire business.
4. That they have direct dealing with travel agencies or hotels to ensure that the bookings are for tourist purposes.
5. That they shall maintain a movement register as prescribed by this department from time to time as well as bill book and accounts register in order that the volume of business done on account of tourists can be verified and assessed.

For further particulars, please write to the Director of Tourism, Public (Tourism) Department, Fort St. George, Madras-9.

**Additional Secretary to
Government and Director of
Tourism.**

No. 134A.

TAMIL NADU FOREST DEPARTMENT.

Sealed tenders are invited by the “Forest Engineer, Tiruchi” for the following work on behalf of the Government of Tamil Nadu.

“Formation of Ullurthanda—Bargur road 6.4 K.M. in Bargur Range of Coimbatore North Division”—E. M.D.—Rs. 4,200.

The last date of receipt and opening of tenders 5th January 1972 at 3-00 p.m. and 3-05 p.m. respectively.

2. Tender documents can be had from the Office of the “Forest Engineer, 1-A, Royal Road, Cantonment, Tiruchi-1” on payment of Rs. 1.04 in cash or by Money Order from 25th December 1971 to 4th January 1972 during office hours on all working day.

No. 93.

Forest Engineer.

TUTICORIN MUNICIPALITY.

TENDER NOTICE.

Separate Sealed tenders for item (i) and (ii) will be received by the Personal Assistant to Commissioner up to 4-00 p.m. on 17th January 1972 for the supply of the following articles and opened at 4-30 p.m. on the same day. Each tender should be accompanied by an earnest money of Rs. 100.—in Demand Draft or remitted in the Municipal Treasury, Tuticorin. Tenders should be addressed to the Municipal Commissioner, Tuticorin with the inscription "Tenders for the supply of pipe and playground articles". Further particulars can be had from the Municipal Engineer, Tuticorin.

- Item (i) (a) 16" Sluice valve flanged with one sec of socket and tail ends flanged to the sluice valve on either side 'C' Class. 2 sets.
(b) 16" × 16" × 16" × C.I. Tee 'C' Class. 2 Nos.
- Item (ii) (a) See-saw single frame .. 1 set.
(b) Sewing single part model .. Do.
(c) Slainkers with ladder .. Do.
(d) Parallel Bar .. Do.
(e) Merry go-round .. Do.
(f) Merry go-round portable .. Do.
(g) Rocking see saw .. Do.
(h) Horizontal ladder .. Do.

No. 126.

Municipal Engineer, Tuticorin.

TAMILNADU STATE TRANSPORT.

TENDER NOTICE.

Sealed quotations for the printing and supply of Non-Standardized Forms are invited by the undersigned up to 3 p.m. on 17th January 1972. Detailed conditions of tender and other particulars can be had free of cost from the Joint Director (A), Tamilnadu State Transport Department on any working day between 10-00 a.m. and 4-00 p.m.

No. 127.

Director.

TAMIL NADU SMALL INDUSTRIES CORPORATION LIMITED.

EXTENSION OF DUE DATE OF TENDER.

Sealed Tender for Import of Electrolytic Copper Wire bars due on 22nd December 1971 has been extended to 12th January 1972. Tenders against tender Notice No. 110726/PA2/71 will be received in this office up to 11 a.m. on 12th January 1972 and will be opened at 12 noon on the same day.

No. 128.

Managing Director.

DEPARTMENT OF TECHNICAL EDUCATION.

Sealed tenders are invited for the supply of equipments for the Electronics and Communication Engineering Laboratory, Government College of Technology, Coimbatore. Tender Schedule and detailed specifications may be obtained from the Principal, Government College of Technology, Coimbatore at a cost of Rs. 5 plus Sales tax. Tender should be submitted before 5th January 1972.

No. 129. Director of Technical Education, Madras-25.

PALLAVAPURAM MUNICIPALITY, MADRAS-43.

TENDER NOTICE

Sealed tenders will be received by the undersigned for the supply of the following articles up to 11-00 a.m. on 12th January 1972 and the same will be opened in the presence of the participant tenderers at 11-05 a.m. on the same day.

1. Supply of one number of 6.1 M. tons gross load capacity double axle four wheeler *Tanker Trailer* of all welded steel body with main runner chassis alone and having a capacity of 1,000 gallons with steel hubs, 36" (10 blades) springs, parking brakes for the rear wheels and fitted with tyre wheels and painted at ex-works. E.M.D. Rs. 600.

2. Supply of one number of 10.56 M. Tons gross load capacity double axle four wheeler *Trailer* of size 14' × 3' × 7' × 3' × 2-6" with Dunlop or Fire-stone make 750 × 16-8 ply tract or trailer tyre wheels with steel hubs, 45" blades springs, parking brakes and fitted with Dunlop or firestone tyres, painted at ex-works. E.M.D. Rs. 900.

The earnest money deposit noted against each should be remitted into the Municipal Treasury in cash and the receipt obtained therefor should be enclosed, with the Tender.

Further particulars can be had from the undersigned at the Office during working hours.

No. 130.

Special Officer,
Pallavapuram Municipality.

TAMIL NADU HOUSING BOARD.

Separate sealed tenders with the name of work and tenderer duly superscribed are invited up to 3-00 p.m. on 5th January 1972 for the following work as detailed below :

Name of work.—Construction of Community Centre at Besant Nagar in S. M. N. H Scheme. E.M.D. Rs. 3,325. Approximate value of work Rs. 2,21,000.

Cost of tender documents is Rs. 15 plus S.T. (non-refundable).

Tender documents and other particulars can be had from the Office of the Executive Engineer (S) on cash payment on all working days between 11-00 a.m. and 2-00 p.m.

Tenders will be opened at 3-05 p.m. on the same day in the presence of the tenderers who choose to be present. The undersigned reserves the right to accept or reject any or all tenders without assigning any reasons.

No. 132.

Executive Engineer (S)

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 work so as to reach the undersigned not later than 3 p.m. on the date mentioned against each item. The tenders will be opened at 3-05 p.m. on the same day in the presence of tenderers who choose to be present :—

<i>Item number and description of work.</i>	<i>Approximate value.</i>	<i>Cost of tender document.</i>	<i>Last date for receipt of tender.</i>
(1)	(2)	(3)	(4)
	(RUPEES LAKHS.)		
1. Construction of 2 MIG. Blocks at Besant Nagar—Design S.D. 159/70. E.M.D. Rs. 3,450.	2.30	Rs. 15 plus S.T.	4—1—1972
2. Construction of 2 MIG. Blocks at Besant Nagar—Design S. D. 159/70. E.M.D. Rs. 3,450.	2.30	Do.	4—1—1972
3. Construction of 2 MIG. Blocks at Besant Nagar—Design D.S. 159/70. E.M.D. Rs. 3,450.	2.30	Do.	5—1—1972
4. Construction of 2 MIG. Blocks at Besant Nagar—Design S. D. 159/70. E.M.D. Rs. 3,450.	2.30	Do.	5—1—1972
5. Construction of one Block 'A' at Venkatapuram—Design S. D. 140/71. E.M.D. Rs. 4,560.	3.00	Do.	4—1—1972
6. Construction of one Block 'B' at Venkatapuram—Design S. D. 142/71. E.M.D. Rs. 4,560.	3.00	Do.	4—1—1972
7. Construction of one Block 'C' at Venkatapuram—Design S. D. 142/71. E.M.D. Rs. 4,560.	3.00	Do.	5—1—1972
8. Construction of one Block 'D' at Venkatapuram—Design S. D. 142/71. E.M.D. Rs. 4,560.	3.00	Do.	5—1—1972

Tender documents and other particulars can be had from the office of the Executive Engineer (South), Tamil Nadu Housing Board, between 10-00 a.m. and 3-00 p.m. on all working days.

No. 131.

Executive Engineer, South Division.

TENDER NOTICE

Sealed tenders (in the prescribed form) will be invited by the Superintending Engineer, Veeranam Project Circle, Chepauk, Madras-5, from the registered P.W.D. Contractors of the appropriate class for the work of "Forming flood banks on the eastern bank of the North Buckingham Canal in the reaches detailed below. Tender date is 3-00 p.m. on 12th January 1972. Form of contract is K2 and the period of completion is 4 months for each work. Date of sales of tender documents is from 27th December 1971 to 10th January 1972 :—

<i>Reaches.</i>	<i>E.M.D.</i>	<i>Cost of tender documents.</i>	<i>Sales tax.</i>
(1)	(2)	(3)	(4)
10/1 to 9/5 (From Ennore Lock).	Rs. 3,900	Rs. 10.00 to be remitted under P. W. III O.R. in Government Treasury chalan to the credit of Executive Engineer, Cooum Improvements Division, Madras-5.	0.40 P. Sales tax as in force to be paid under XII. d. General Sales Tax under a separate chalan.
9/5 to 9/0 (From Ennore Lock).	Rs. 3,200	Do.	Do.

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

No. 133.

Superintending Engineer, Veeranam Project Circle, Madras-5.

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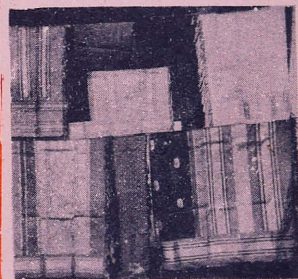
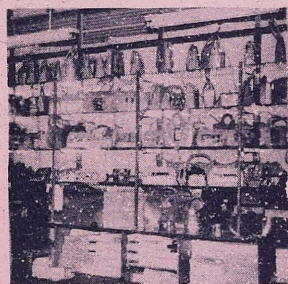
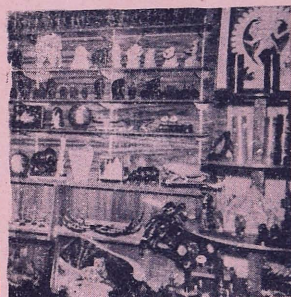
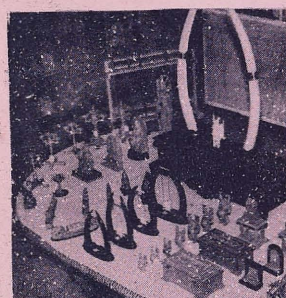
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