

SHRI D.K. BOROOAH : There might be industries in Orissa which depend upon wax, but there are certain industries in other States which are bigger in size and therefore require more wax.

SHRI ANADI CHARAN DAS : May I know whether it is a fact that Orissa is not getting its fixed quota in time ?

SHRI D.K. BOROOAH : I have no information on that point.

SHRI R. BALAKRISHNA PILLAI : In the statement it is said that the paraffin wax allotted to Kerala is only 1255 tons. The last year's request of the Kerala Industries Department for the supply of paraffin wax to the small manufacturers of candles was itself nearly 5,000 tons but the government have allotted only 1255 tons. Will government consider their request for allotment of more wax at least this year for saving the small scale industries ?

SHRI D.K. BOROOAH : Our total production of wax this year is 46,000 tons. It is distributed on the basis of consumption of 1970 and the increase has not been on the *pro rata* basis.

SHRI D.N. TIWARY : The statement shows a wide range of disparity in the allocation of paraffin wax to States. While Assam has got 4920 tons, Bihar has got only 1521 tons. Does the Minister want to say that there is no demand in Bihar and also whether area and population criteria are taken into consideration ?

SHRI D.K. BOROOAH : It is a question of consumption till 1970. Industries had built around Assam because Digboi is the only refinery which produces wax. So, the consumption there is a little higher. So, also in Calcutta. The other States have not come up to that standard of consumption because they started late.

SHRI BISWANARAYAN SHASTRI : May I know from the hon. Minister which are the refineries that produce paraffin wax and is there any scheme in the hands of the

government to produce paraffin wax in refineries which at present do not produce paraffin wax ?

SHRI D.K. BOROOAH : Yes, Sir. The only refinery which produces paraffin wax at present is Digboi refinery. We are trying to produce slack wax at Barauni. The idea is that we should go in for production of wax in some other refineries including Barauni, Haldia and Lubeoil Plant in Bombay

श्री के० एन० तिवारी : मैं यह जानना चाहता हूँ कि सारे स्टेट्स की मिला कर डिमांड कितनी है और कितना शॉर्टेज होता है और उस को कब तक पूरा करने की प्लानिंग है ?

श्री देवकान्त बरुआ : डिमांड बहुत ज्यादा नहीं है क्योंकि पिछले साल जितना वैक्स स्टेट्स को एलाट किया गया था किसी किसी स्टेट ने उस को लिफ्ट किया ।

श्री के० एन० तिवारी : डिमांड कितनी है ?

SHRI D.K. BOROOAH : The demand is almost the same as the production; we may have to import a little bit, but that will not be very large quantity.

Indigenous Production of Oil Drilling Equipment

*384. SHRI K. MALLANNA : Will the Minister of PETROLEUM AND CHEMICALS be pleased to state :

(a) whether any oil drilling platform and other equipment for use in off-shore drilling have been produced with indigenous know-how;

(b) if so, the nature and quantity of such equipment produced indigenously; and

(c) how much money has been or is proposed to be spent on the import of such equipment ?

THE MINISTER OF PETROLEUM AND CHEMICALS (SHRI D.K. BORO OAH) : (a) and (b). A fixed platform for drilling was fabricated indigenously using technical assistance from USSR in designing. It was installed at a location at the Aliabat West structure in the Gulf of Cambay. For eventual use to support drilling operations in deeper waters, ONGC proposes to acquire two supply boats. A contract has been awarded by ONGC to Hindustan Shipyard at Visakhapatnam for the construction of these supply boats. The design for these boats was obtained from an American Company.

(c) No fixed platform is proposed to be imported.

A self-propelled, self-elevating mobile offshore drilling platform is proposed to be imported from Japan under Yen credit at a price of Yen 5,274 million. On the date of signing of the contract (February 25, 1971), this amount was equivalent to US \$14.65 million.

SHRI K. MALLANNA : From the reply given by the hon. Minister, one can conclude that the country has to depend more on foreign technology and know-how. May I know whether in the direction of self-reliance, any survey has been made to produce this equipment indigenously for use in off-shore drilling platform, and if so, the details of the same and the estimated cost ?

SHRI D.K. BORO OAH : We are self-reliant in those items of technology in which we have experience, but off-shore drilling is a matter in which we have no experience. So, we have to depend upon foreign technology for some time until our people acquire the necessary expertise.

So far as the fixed platform at Aliabat is concerned, its design was obtained from the USSR under a contract. But the work of erection of the platform was one in which our engineers had also participated.

SHRI K. MALLANNA : My question was whether the survey had been conducted or not, and if so, the estimated cost ?

SHRI D.K. BORO OAH : Survey of what ?

SHRI K. MALLANNA : Survey regarding the manufacture of indigenous equipment.

SHRI D.K. BORO OAH : I think he means a study. A study was made and it was found on the basis of the study that in this particular equipment relating to off-shore drilling, we had no experience, and, therefore, we had to import this expertise.

SHRI K. MALLANNA : May I know whether the off-shore exploration development oil policy contains any foreign collaboration, and if so, the names of those foreign countries, and the terms and conditions of such collaboration in the exploration and development of oil by off-shore drilling ?

SHRI D.K. BORO OAH : We are only discussing still, and we have not yet entered into any agreement with any country for off-shore drilling, save and except that the ONGC is doing on its own with a Japanese Platform which has been built by Japan for us.

श्री जगन्नाथ राव जोशी : अध्यक्ष महोदय, क्रमांक (सी) के उत्तर में कहा गया है कि जापान से एक प्लेटफार्म इम्पोर्ट कर लिया गया है, वह प्लेटफार्म यहाँ भ्रामा था लेकिन उसकी मोटर में कुछ कमियाँ दिखाई दीं इसलिए उसको वापिस भेज दिया गया था और अभी तक वहाँ से वापिस नहीं भ्रामा है तो इसके लिए हर दिन हानि कितनी हो रही है, यहाँ कब तक भ्राने की संभावना है और इस देरी के लिए कारण क्या हैं ?

श्री देव कान्त बरुवा : जो प्लेटफार्म बनाया गया था उसके बिजली के यन्त्र में कुछ त्रुटि निकली इसलिए हमने कहा कि इसको पूरी तरह से ठीक करना चाहिए तभी इसको हम लेंगे। फिर उन्होंने उसका संशोधन कर दिया और अभी जो उसका ट्रायल हुआ था उसमें उसका परफार्मेंशन अच्छा बताया गया है।

यन्त्र के स्पेसिफिकेशन्स के बारे में हम चर्चा कर रहे हैं और जब तक सम्पूर्ण रूप से ठीक हम को नहीं देंगे तब तक 4500 डालर कम्पेन्सेशन डेली देते रहेंगे।

SHRI B.V. NAIK : Since oil is one of our very important items of production besides steel, cement and fertiliser, and we are the weakest in oil, which is not denied, and since the total amount involved here is not more than Rs. 14 crores and every year we keep on importing crude worth more than Rs. 200 crores in this critical area of production where national self-sufficiency is a must, will the Minister give us an assurance that the import of materials will not be decided on theoretical grounds of self-reliance in so far as this item of strategic technology is concerned ?

SHRI D.K. BOROOAH : Yes, that is exactly what we are doing.

SHRI HARI KISHORE SINGH : From the reply, it seems we are depending entirely on Japanese know-how in this regard. Has any study been made by Government to ascertain what are our requirements regarding off-shore drilling and from how many other sources we can get this help to reduce our dependence on Japanese know-how ?

SHRI D.K. BOROOAH : We are not depending entirely on Japanese know-how. We have only bought a platform from Japan which has been manufactured for us in collaboration with some of the American experts in Japan.

SHRI P.M. MEHTA : Is it a fact that the offshore drilling carried out against expert advice at Aliabet has failed and the platform erected there at a huge expenditure has become redundant ? Is there any proposal under consideration to shift the platform to some other site ?

SHRI D.K. BOROOAH : It is not a fact that exploration at Aliabet was done against expert advice. It was done on expert advice. Secondly, it is a fixed platform which cannot be used elsewhere except by dismantling.

SHRIMATI MAYA RAY : Will the hon. Minister kindly tell us what encouragement is being given to our boys to acquire know-how indigenously in this field ?

SHRI D.K. BOROOAH : They worked with the Russian experts in erecting the platform and also exploring in Aliabet. So far as this new item is concerned, our endeavour is to see that our boys are trained also alongside the foreign experts.

Purchase of Generators from Foreign Countries

*385. SHRI B.S. BHURA : Will the Minister of IRRIGATION AND POWER be pleased to state :

(a) the number of generators purchased from foreign countries during the last three years;

(b) the names of the States to which these generators were given; and

(c) whether fifty generators purchased from foreign countries are lying unutilised in the States of Punjab; and if so, the reasons therefor ?

THE DEPUTY MINISTER IN THE MINISTRY OF IRRIGATION AND POWER (SHRI BALGOVIND VERMA) : (a) to (c). A statement is laid on the Table of the House.

STATEMENT

(a) and (b).

Name of the board	Brief details	Country of Import
1	2	3
Punjab State Electricity Board	(i) 4 units of 4400 kVA each diesel generating sets.	U.S.S.R.
	(ii) 5 units of 1450 kVA each diesel generating sets.	Czechoslovakia.
	*(iii) 18 units of 1100 kVA each diesel generating sets.	G.D.R.

*One set transferred to Manipur.