

**Bullock carts of innovative design**

1788. SHRI G. Y. KRISHNAN: Will the PRIME MINISTER be pleased to state:

(a) whether it is a fact that the Central Road Research Institute has built ten bullock cart prototypes of innovative design;

(b) if so, the details in this regard; and

(c) the cost and whether the farmers have liked it?

THE MINISTER OF STATE IN THE DEPARTMENTS OF SCIENCE AND TECHNOLOGY, ATOMIC ENERGY, SPACE, ELECTRONICS AND OCEAN DEVELOPMENT (SHRI SHIVRAJ V. PATIL) (a) Yes, Sir.

(b) The improved carts incorporate many innovations such as improved housing units for low friction bearings, adjustable draw bars, convertible and lighter loading platform, improved cheaper wooden wheels, wooden wheels fitted with waste rubber tyres, braking system, scrapers for removing mud, etc. The new features are expected to increase the road worthiness of the carts and to provide comfort to the animals and the users. Their use is also expected to significantly minimise damage to roads.

(c) Ten bullock carts prototypes with innovations features were distributed to the farmers around Delhi during the years 1981 and 1982 for trials through actual usage. The observations of the field trials have revealed advantages of many improvements provided in the cart prototypes; short comings noticed in actual use have been rectified and modified prototypes sent for fresh field trials. Further evaluation of field performance of the bullock-cart prototypes is in progress. However, based upon the feed-back data obtained so far and other experimental work done in the Institute, eight improved designs have been finalised. The Institute, is making available the whole improved bullock-cart technology at a nominal one-time payment of Rs. 500/- to the entrepreneurs interested in manufacturing improved bullock-carts. The cost of the cart works out to from Rs. 2,000/- to Rs. 3,500/- depending upon the design.

**Telephone System bought for Delhi Police during Asian Games lying Idle**

1789. SHRI SUBHASH YADAV:  
SHRI M. RAMGOPAL REDDY:  
SHRI RAM VILAS PASWAN:  
SHRI ARJUN SETHI:

Will the Minister of HOME AFFAIRS be pleased to state:

(a) whether a very expensive phone system bought during the heat of the Asian Games preparations for the Delhi Police is lying idle and is fast turning into a white elephant;

(b) whether the MRKB system which was bought at an estimated cost of Rs. 50 lakhs was to enable senior officers of Delhi Police to maintain contact with each other even when mobile;

(c) if so, what are the factors responsible that had led to the 50 lakh phone system lying idle; and

(d) what steps are being taken by Government to utilise this in a better way?

THE MINISTER OF STATE IN THE MINISTRY OF HOME AFFAIRS (SHRI P. VENKATASUBBAIAH) : (a) No, Sir. Multi access Automatic Mobile Radio, Telephone System, installed prior to the Asian Games, 1982, is being used by Delhi Police for communication between mobiles and also for communicating with the Police Control Room.

(b) The system provides the facility of fast inter-communication between the Mobiles and also enables them to contact directly the Police Control Room.

(c) and (d). In view of reply to (a) above, the question do not arise.

**Backwardness of Chhota Nagpur**

1790. SHRI R. L. P. VERMA: Will the Minister of PLANNING be pleased to state whether it is a fact that about one crore labour class people of Chhota Nagpur, a Southern Part of Bihar, which is famous as an industrial area and mineral bearing area not only in the country but abroad also, are forced to live in backward conditions?