

**GOVERNMENT OF INDIA
DEPARTMENT OF SPACE**

**LOK SABHA
UNSTARRED QUESTION NO.3522**

TO BE ANSWERED ON WEDNESDAY, AUGUST 08, 2018

LITHIUM-ION BATTERIES

3522. SHRI K. ASHOK KUMAR:

Will the PRIME MINISTER be pleased to state:

- (a) whether ISRO is offering production technology for producing lithium-ion batteries to Indian industry;**
- (b) if so, the details thereof;**
- (c) whether ISRO has also invited industries to take up other new technologies from its centre; and**
- (d) if so, the details thereof and the response received by it from the industry?**

ANSWER

**MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PG &
PENSIONS AND IN THE PRIME MINISTER'S OFFICE**

(DR. JITENDRA SINGH):

- (a) Yes, ISRO is offering the technology for Li-Ion cell manufacture to Indian industries. A Request For Qualification (RFQ) document for selecting the industries is already prepared in consultation with NITI Aayog and is released through ISRO website.**

- (b) ISRO/DOS has taken initiatives for transfer of technology for Li-Ion cell manufacture to Indian industries through a Request For Qualification (RFQ). The proceedings are based on guidelines from NITI Aayog. There has been overwhelming response to this and nearly 140 industries (big/medium/small/start-ups) have responded for this Technology Transfer and have purchased the RFQ document. Currently ISRO is awaiting the submission of RFQ by these companies, the due date for which is 13th August 2018. Subsequently, review of RFQs and short listing of industries that are eligible for this Technology Transfer shall be done through a two stage process involving ISRO team along with members from NITI Aayog, Ministry of Law and Justice (MOLJ) and Department of Industrial Policy and Promotion (DIPP).**
- (c) ISRO has been inviting industries to transfer various technologies developed by them for the Space Programme. This process started as early as 1975 and is continuing till now.**
- (d) ISRO has carried out nearly 345 technology transfers so far to various Indian industries on a wide range of areas. This is a continuing activity.**
