

GOVERNMENT OF INDIA

DEPARTMENT OF SPACE

RAJYA SABHA

UNSTARRED QUESTION NO. 2164

TO BE ANSWERED ON THURSDAY, DECEMBER 16, 2021

SATELLITE LAUNCH VEHICLE

2164. SHRI SANJAY SINGH:

Will the PRIME MINISTER be pleased to state:

- (a) whether Indian Space Research Organisation (ISRO) is planning to have another Satellite Launch Vehicle due to heavy workload on the existing ones;
- (b) if so, the expected timeline of completion of this new Satellite Launch Vehicle along with its expected cost;
- (c) whether private players will also have a part to play in development of this project; and
- (d) if so, the details thereof?

ANSWER

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

(DR. JITENDRA SINGH):

- (a) ISRO is developing a Small Satellite Launch Vehicle (SSLV), which will provide a payload capability of 500 kg to a 500 km planar orbit. The development of SSLV has been primarily envisaged to realize a cost-effective launch vehicle with high launch frequency and quick turnaround capability in order to cater to the growing opportunity in the global launch services market for small satellites.
- (b) The development of SSLV is in the final stages and the first developmental flight of SSLV is targeted during the first quarter of 2022. The Government has sanctioned a total cost of Rs.169.07 Crores for the development project including the development & qualification of the vehicle systems and the flight demonstration through three development flights (SSLV-D1, SSLV-D2 & SSLV-D3).
- (c) Yes, Sir.
- (d) The hardware & structures for the SSLV development project including the solid motor cases, nozzle sub-systems, mandrels for the casting of solid motors, inter-stage structures, actuator motors & fixtures are realized through private industry.
