

GOVERNMENT OF INDIA
MINISTRY OF DEFENCE
DEPARTMENT OF MILITARY AFFAIRS
LOK SABHA
UNSTARRED QUESTION NO.3247
TO BE ANSWERED ON 17th DECEMBER, 2021

INTEGRATED SOLAR POWER FENCING PROJECT

3247. SHRI SANGANNA AMARAPPA:
DR. T. SUMATHY (a) THAMIZHACHI THANGAPANDIAN:
SHRI D.M. KATHIR ANAND:
DR. UMESH G. JADHAV:
SHRI ANNASAHEB SHANKAR JOLLE:
SHRI PRATHAP SIMHA:

Will the Minister of DEFENCE
be pleased to state:

- (a) whether the Government has taken effective measures to protect the Air Force Stations in the country with an integrated smart power fencing especially after the Pathankot incident;
- (b) if so, the details thereof and the decision taken by the Government in this regard;
- (c) whether the Bharat Electronics Limited (BEL) has given sub-contract to any OEM System Integrator to do the said project and if so, the details thereof;
- (d) the credentials of the company engaged in such project of national importance along with the estimated cost of the project;
- (e) whether BEL has qualified for the said project with another OEM with whom they did a pilot project at Pathankot airbase and if so, the details thereof; and
- (f) whether it is true that the proof of the concept (PoC) was done by one company and the PO for 22 sites was given to another company which has not submitted the PoC and if so, the reaction of the Government thereto along with the action taken thereon?

A N S W E R

MINISTER OF STATE
IN THE MINISTRY OF DEFENCE

(SHRI AJAY BHATT)

: 2 :

(a) & (b): Yes, Sir. Post Pathankot incident, the Government has approved an integrated smart power fencing called Integrated Perimeter Security System (IPSS) for 23 Air Bases. BEL has signed a contract with Indian Air Force for establishing Integrated Perimeter Security Systems for 23 Air Bases across 8 states, Pan India. The pilot site was commissioned in February 2021.

(c) Yes, Sir. BEL has given sub-contract to many Original Equipment Manufacturers (OEM) and System Integrators to do the said project. The details are as follows:-

- i) Radar : OEM M/s ELTA.
- ii) Underground Vibration Detection System/DIDS: OEM M/S Future Fiber Technology vide their SI M/s Athena.
- iii) CCTV: OEM M/s FLIR, USA.
- iv) ESPF: OEM M/s Gallagher vide their SI M/s Ved Techno for pilot site and OEM M/s Crown Solar for 22 sites.
- v) Containerised Data Centre: OEM M/s Rittal vide their SI M/s Presto
- vi) Network: OEM Cisco vide their SI Baydatacom.
- vii) IT infrastructure: M/s HPE vide their System Integrated (SI) AAE.

(d) BEL follows purchase procedures for procurement of goods and services which ensures transparent and fair tendering process including the check of credentials of OEMs and its partners. BEL has systems and procedures in place to monitor the performance of the OEMs/SIs, to complete the project as per the scope assigned to them vide a PO. The total cost of the project is approximately Rs 1045 Crores.

(e) & (f): (i) BEL has qualified the project during TEC at Hindon Airbase in November 2018 with the OEM M/s Gallagher. However, at Pilot site, the ESPF solution of M/s Gallagher failed to provide the following features of IPSS:-

- High availability of Control centre Software application of ESPF.
- Differential alarm sound for intrusion event and battery low event.
- Indication of change in resistance owing to vegetation.
- Tampering Alarm Energiser.

(ii) All other OEM and SI partners have fulfilled all site specific scope of work by their technical solution.
