**120MM EXTENDED RANGE(ER) GUIDED MOR AMN**

1. **Op Necessity**. Mor are very effective in mtntrn with their ability of HA fire. At present Moramn in inventory of IA achieves amax rg of6.5 km.Rkt Assisted moramn (PEPA-LP) with a max rg of 10 km was being manufactured earlier by OFB. It was discontinued due to inherent inaccuracies and inconsistency resulting from obsolescence in manufacturing tech.There is a reqmt to develop guided ER moramn of rg 10 to 13 km which has acceptable accuracy and consistency. This tech is already available with many countries.

2. **Broad Specification**.

 (a) **Calibre**. Compatible with in service 120mm Mor.

 (b) **Max Rg**. >13 Km

 (c) **Accuracy**. 50mtr CEP.

 (e) **Guidance**. GPS / IRNSS /GLONASS based guidance.

(f) **Safety**. Should be able to withstand firing stresses both inside the bore and during the flight.

(g) **Ease of Handling**. Able to be fitted by gun crew under fd conditions.

(h) **Environmental Reqmt**. Should be able to perform in all trn, climatic conditions and temp ranging from -150 C to +450C.

3. **Quantity**.

(a) Initial Qty required is 6240 rds.

(b) Addlqty will be reqd annually as per trg norms and other reqmts.

4. **Time Lines**. Approx 24 Months