426 (I) Fd Coy
PIN – 913 426
c/o 56 APO

HQ UB Area (Engrs Br)
PIN- 900 496
C/o 56 APO

07 Nov 2024

IR&D PROJS : FY 2024-25

1. Pl ref your office letter No 137412/IR&D/EME dt 18 Oct 2024.

2. It is intimated that the dirns passed in the steering committee to **explore Sena Map: A GIS appl developed by AHCC to provide a smooth platform for GIS Mapping, trn analysis and overlays on SAMA appl** were followed. The proj offr has u/m pts to report for perusal:

(a) The Sena Map does not have mil symbol and mkg characteristics of op wks str. Even if the customised .kml file is uploaded later on, the details of the op wks along with the picture can not be visualised along with the mkg of a particular asset. This feature is already present in the enar s/w.

(b) The Sena Map feature also does not give the user the option of mkg multiple assets at once using excel files and thus mkg a singular asset one a pt of time is time consuming.

(c) The Sena Map feature also does not allow the engr units to visualise the assets marked in 3-D in relation to parameters like distance, visibility analysis, slope analysis, cut and fill analysis etc which are all integ in the s/w being developed.

(d) The app does not display assets marked by a particular unit in conjunction with assets constr and marked by other units, thus making it difficult for higher fmn to vis and analyse reports for plg.

(e) Op tr constr in Sena Map does not provide info of the tr, zigs incl and the gradient which are cohesive with s/w under development.

(f) Sena Map app depicts usage for tactical plg and dplymnt of tps while the eNAR s/w is engr prioritised s/w which benefits in plg and contr of Op wks assets and infra development along the borders.

(g) Sena Map does not facilitate import of excel format files from eNAR thus mandating mkg of each asset individually for last 10 yrs. However, the s/w being devp can import multiple excel sheets thus ensuring timely plotting/mkg of decade old assets also.

(h) The s/w is also user friendly appl which can be integ on SAMA portal also for further use thus helping all engr tps in mkg, vis and analysis of op wks assets. However, Project offr finds that using Sena Map needs trg and practice for tps to operate(Sena Map User Manual att as Appx for ready ref pl).

3. For your info and necessary derections pl.

S/d-X-X-X-X-X-X-X

(Sakshi Chaturvedi)
Capt
Pl Cdr
for OC

Encls:- (As above)

Tele : 3359

426 (I) Fd Coy
PIN – 913 426
c/o 56 APO

1210/ 81 /G

10 Dec 2024

HQ UB Area (Engrs Br)
Pin – 900 496
c/o 56 APO

IR&D PROJS : FY 2024-25

1.   Pl ref following office letters :-

   (a)   HQ UB AREA, Engrs Br letter No 137412/IR&D/EME dt 18 Oct 2024.
   (b)   This office letter No 1210/08/G dt 07 Nov 2024.

2.   As per dirns promulgated wrt IR & D proj for integration of eNAR with surveykshak, the IGIST s/w developed by Mil Svy for Triservices was accessed and analysed. The fwg pts merits attention as observed by the proj offr (Screenshots att as Appx for ref).

   (a)   IGIST s/w has option for adding mil symbol, however the details of the op wks along with the picture can not be visualised along with the mkg of a particular asset.

   (b)   IGIST s/w does not contain the option of mkg multiple assets at once using excel files and thus mkg a singular asset separately is time consuming.

   (c)   IGIST s/w is available on army portal however it has lagging issues due to heavy contents and storage.

   (d)   IGIST does not facilitate import of excel format files from eNAR thus mandating mkg of each asset individually for last 10 yrs. However, the eNAR s/w being devp can import multiple excel sheets thus ensuring quick plotting/mkg of decade old assets as well.

3.   For your info and necessary action pl.

(Himanshu Mukherjee)
Maj
Pl Cdr
for OC

Encls : (As above)

3

81/122/IR&D Projs/GS (Engrs)

18 Dec 2024

HQ Central Comd, Engrs Branch

IR&D PROJECTS : FY 2025-26

1. Further to our letter No. 130181/118/IR&D Projs/GS (Engrs) dt 28 Nov 2024 (Copy att).

2. Initially, the unit was directed by Steering Committee to explore feasibility of riding the e-NAR software on SAMA app. Detailed report was fwd by this branch vide letter under ref in para 1. As per the feedback the sena maps feature in SAMA app did not have facilities / attributes for functioning of e-NAR. Accordingly, it was recommended that a separate e-NAR feature be created on SAMA app for Pan Army use.

3. Again, the unit was directed to explore feasibility of riding the e-NAR software on IGIST, a s/w developed by Mil Svy for Tri Services. The comments on the same are att (426 (I) Fd Coy letter No. 1210/81/G dt 10 Dec 2024). As per the feedback the IGIST s/w cannot be used for e-NAR.

4. It is therefore recommended that a case be taken up for whitelisting of e-NAR s/w for use on ADN for Central Comd only. In ph-II, when the e-NAR is integrated with Survekshak, it can be added as a feature on SAMA app for Pan Army use.

5. For info & necessary action please.

(Gaurav Talwar)
Col
Col GS (Engrs)
for CE

Encls : As above

Copy to

HQ UB Area (EME)

136 (I) Inf Bde Gp

426 (I) Fd Coy

— For info please.