

**MINUTES OF MEETING HELD ON 23/11/2008
REGARDING TRAINING ON GPS FOR GROUND SURVEY OF
TRANS-ARUNACHAL HIGHWAYS AND OTHER DOUBLE LANE PROGRAMMES
UNDER PM'S PACKAGE**

Background:

The Transport Ministry, Government of India has fixed a deadline for submission of DPR for Forest and Environment Clearance and other compensation packages of those stretches of Trans-Arunachal Highways which are being proposed to be implemented through Annuity mode i.e. Nechipu-Hoj (311 Km) and Pangin-Potin (406 Km). Similar details are also equally important for all other sectors which are under the PM's package. The initial idea of Chain-compass Survey will not be feasible in view of huge length to be covered in short time. It has therefore thought to take conduct the survey with the help of GPS (Geographical Positioning Survey).

Chief Engineer (Eastern Zone) who had made a rapid drive on 17/18th November/2008 of ground works along NH-229 in East Siang, Upper Subansiri, Lower Subansiri districts saw that the progress of work is literally has not started. The Chief Engineer (P-10) was again discussed on 21/11/2008 and it was informed that at least 80% of the stretches of annuity proposed roads should be made free from all encumbrances on the day of signing of MoU. The pre-qualification has been completed and award is likely within the month of January/2009.

Considering the urgency, the CE (EZ) had brought along a team of resource persons from a firm in Delhi dealing with high precision equipment like GPS, Altimeter etc. to impart training to complete the project within the specified time frame. The team reached Itanagar on 23/11/2008.

A meeting was organized hurriedly in the same evening. The participants were –

1. Shri Kapil Deo Prasad, Superintending Engineer, Bobiya.
2. Shri Mridul Sen, SW-I (Eastern Zone).
3. Shri Pradeep Bhowmik, ASW (Eastern Zone)
4. Shri Amal Chakraborty, Assistant Engineer (Toru).
5. Shri GP Singh, ASW (Ziro Division).
6. Shri Sumit Sabrawal and his team of associates.

Discussions:

The discussion started with a briefing on the subject by Chief Engineer (EZ) and informed that the representatives of the firm would be dispatched to districts. It was informed by Superintending Engineer (Sagalee), ASW Ziro Division that the in view of the Ministers visit programme in Sagalee area and Vice President in Ziro, the staff of Sagalee and Ziro Divisions would not be able to attend the training. It was also pointed that there would be time loss in traveling to various locations. Grasping the entire art of handling the GPS and other measuring equipment is also doubtful in a short training in districts. Nomination of 2/3 participants from Divisions/Circles will also make a crowd and there could be utter confusion. Superintending Engineer (Sagalee) and others unanimously felt that the only the specific staff identified by Executive Engineers/Superintending Engineers be given the training. The staff also needs to be given the specific responsibilities of road stretches to be surveyed and give specific training.

With above inputs, the following decisions taken –

1. The training would be conducted in Conference Hall of Eastern Zone Office with effect from 24th November 2008. The training will be imparted to those staff nominated for survey of specific stretches of roads. Superintending Engineer (Rupa, Sagalee, Naharlagun) will depute staff. The staff to be trained should have specific stretch of roads to be surveyed.
2. Superintending Engineer (Tezu and Jairampur) will depute specific staff to Itanagar for similar data collection for NH-52 B (Mahadevpur to Kanubari) and Extension NH-37. Similarly, staff from Yingkiong, Mariyang, Pasighat, Boleng will be deputed by Superintending Engineer (Boleng).
3. The firm would prepare Power Point presentation followed by Field demonstration of functions, data transfer and other features of various survey equipment.
4. The field data will be mailed to the firm in Delhi for preparation of a consolidated outputs to give professional finish. The trainees will also be given hands-on which may be required at local level for various purpose.
5. Trainees from other Departments/Organizations like, Hydro-Power, RWD, WRD, RD, Disaster Management etc. may also avail the opportunities of the training programme.
6. Shri Atop Lego, Superintending Engineer (Design) cum Team Leader of Highway DPR preparation will also constitute a resource person. He will dwell on matters like, details of documentations required, necessary field data to be collected etc.
7. Shri Kenjom Ete, Superintending Engineer (Rupa) shall be requested to provide power point presentation on matters relating to Forest & Environment clearances etc.
8. Shri Mridul Sen, SW-I (EZ) will get in touch with Forest Department to find out the stretches on which Forest & Environment Clearances have been accorded to BRO/PWD roads.
9. Chief Engineer (EZ) will draw a MoU with the firm. The package will consist of Equipment supply, Training and processing of data etc.

The meeting ended with a decision that the training programme will start from 24th November 2008 till sufficient staff are trained. The trainees are also requested visit the website <http://mkstechnologies.in>, <http://ascreations.in> to have the first hand information about various high precision survey equipment. A detail time schedule will be drawn and uploaded in official website including a Press Note in locale dailies for wide circulation.



(Bora Ete)
Chief Engineer (EZ)
Itanagar – 791 111

Copy to:

1. The Commissioner (PWD), Govt. of Arunachal Pradesh.
2. The Chief Engineer (D&P), Itanagar.
3. The Chief Engineer (EZ), Itanagar.
4. The Chief Engineer (S&I), Itanagar.
5. The Superintending Engineer, PWD (Rupa).
6. The Superintending Engineer, PWD (Sagalee).
7. The Superintending Engineer, PWD (Naharlagun).
8. The Superintending Engineer, PWD (Capital Circle).
9. The Superintending Engineer, PWD (Aalo).
10. The Superintending Engineer, PWD (Basar).
11. The Superintending Engineer, PWD (Tezu).
12. The Superintending Engineer, PWD (Jairampur).
13. The Superintending Engineer, PWD (Boleng).
14. All Executive Engineers under Eastern Zone/Western Zone.
15. The official website (www.arunachalpwd.org)
16. Notice Board (EZ and WZ)



Chief Engineer (EZ)
Itanagar – 791 111

Note:

Trainees are requested to download the owner's manual of GPS 60. The following is the link:

http://www8.garmin.com/manuals/GPSMAP60_OwnersManual.pdf