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**PROCEEDINGS OF THE 4th MEETING OF THE
I.S.A.P. REVIEW COMMITTEE MEETING HELD ON DECEMBER 05, 2013**

The Engineer-in-Chief-cum-Secretary, Works Department chaired the 4th Institutional Strengthening Action Plan (I.S.A.P.) Review Committee meeting on December 05, 2013 at 16:00 Hours in the conference hall of Works Department of the State Secretariat. The list of Members, Officials and Professionals from consulting agency present in the meeting has been provided in Annexure 1.

At the outset, Chairman, ISAP Review Committee welcomed the members present of the Committee, Consultants and other Govt. of Odisha Officials.

Mr. Tony Mathew, Key professional of RSID Consultancy Services presented the status of following three Tasks of the RSID.

Objectives:

1. Axle Load Regulation and Management
2. Road safety Engineering and Planning
3. Interim Report on preparation for inaugural master plan for main road network in Odisha
4. Detailed discussion and approval of deliverables by ISAP Review Committee as well as appraisal of present status of RSID project and the way forward planning by Consultants team for timely completion of the tasks.

1. Axle Load Regulation and Management

After WB Mission visit in October 2013 followed by comments on the deliverable "Report on vehicle axle load regulation and Management Vol.-I", the consultant have submitted another report in Volume-III duly incorporating compliance to Bank's observations.

He presented the findings of axle load survey at 50 locations at different places on NH, SH, MDR, ODR & Rural Roads of the State. The main objectives of the survey are to

- assess the prevalent main features of overloading pattern on the State Road Network
- review the institutional arrangements and methods used by GOO to regulate overloading
- assessment of regulatory practices implemented elsewhere, i.e., Tanzania and Kenya
- preparation of options for sustainable regulations of overloading for GOO consideration
- facilitating implementation of selected options by GOO

The Consultant showed that most of the commercial vehicles plying over the National & State Highways are overloaded. Commissioner-cum-Secretary, Commerce & Transport Department has been appraised the case study, details of penalties collected for the Month July 2013 at Luhurachati Check Gate. The amount of Rs. 2,42,052/- collected for weighed violation out of the total collection of Rs. 96,46,184/- forms only 2.5 % of the entire amount. It was opined that the fine stipulated in the MVA Rule and its implementation is not acting as a deterrent to the problems of overloading.

Chief Engineer, (DPI & Roads), Odisha opined for the need of the hour is to control over loadings rather than to go for superior specifications in Road works. Currently, the Design of Road is done for more than 4 years, but due to overloading effect, the pavement gets deteriorated within 2 years of its construction. He is also concerned that there is no existing specific law to control overloading except charging a certain minimum fee /fines for overloading. The revenue earned through penalty is meager in comparison to requirements of extra capital investment in construction and maintenance of pavements of the roads due to high Vehicle Damage Factor (VDF) on account of overloading. In view of this scenario, the Consultant has recommended certain measures to be taken by GOO to check this menace. Highway agencies should be given greater responsibility and power a la Tan roads in Tanzania and Kenya National Highway Authority (KNHA) in Kenya.

2. Road Safety Engineering and Planning

The Highlights of the presentation are:

- Task Process
- Crash data- Key findings
- Assessment of Departments- Key findings
- Draft Road Safety Action Plan- Major features
- Further steps

Mr. Tony Mathew outlined the fact that the death rate in road accident is around 10 persons/ day (average) in Odisha. He also pointed out that the number of vehicles per one lakh population is less than half as compared to Kerala, Tamilnadu and Punjab, but the numbers of death in road accident per day in Odisha are so high compared to these States. Hence, it may be inferred that the road accident scenario in Odisha is more alarming than these States. In this context, the main objective of this deliverable is to develop a multi-sectoral Road safety Action Plan for Odisha and capacity building of OWD Engineers in Road Safety Engineering to ensure sustainable reductions in road accidents and fatalities in Odisha.

A comparative study between *IRC Estimate* and *iRAP Estimate* as regards to road crashes in Odisha has also been presented. For Road Safety Management and Capacity Review, the Consultants have consulted many stakeholders like Transport, Home, Educations and Health Departments of Odisha. He briefly narrated the contents of Draft Road Safety Action Plan, for improved co-ordination by various Departments of the Government for road safety. The concern of these Departments and compliance to observations of the World Bank has been incorporated in this Report.

It is agreed by members to organize a High level Stakeholders' Workshop only after exposure visit of GOO Officials to Tamilnadu and Kerala to see road safety institutional arrangements after the end of assembly session. As per schedules, Final Road Safety Action Plan should be submitted to Government in March 2014.

3. Road Network Master Planning

The Consultant appraised that all GIS Maps from ORSAC have been obtained. The Consultants informed that Primary and secondary data were collected and incorporated in the GIS Platform to prepare Base Map. In the *interim report on preparation for inaugural master plan for main road network in odisha*, which was submitted earlier, is the finding in the "do-nothing" situation and the resultant capacity constraints of Road Network for 2013, 2018, 2023 and 2033. This report includes socio-economic profile of the State, situational analysis and diagnosis of the existing road network and identification of capacity

constraints and network evaluation. The Objectives of this assignment is Road Classification System and Capacity building of Road Agency with sustainable options.

The highlights of the presentations are:

- a. *Existing Transportation Network*
- b. *Data Collection*
- c. *Connectivity Analysis-Village Level*
- d. *Traffic Analysis-Transportation Modeling*
- e. *Traffic Findings*
- f. *Way Forward*

The discussions made are:

1. In the micro-level village Connectivity Analysis, Members opined the Consultants to verify the GIS Maps for *No Roads connectivity* to the villages and furnish the information to ISAP Cell to share and ascertain the validity of information in consultation with Panchayati Raj Department/ Forest Departments/ District Collectors.
2. E.I.C-Cum-Secretary has suggested to collect the information of the roads which is likely to be congested with having V/C Ratio more than 0.5 in next 5/10 years.
3. The need of Road improvement options to mitigate capacity constraint of roads in next 20 years.
4. Delivery of Year-wise road improvement priority list.

All these constitute exhausted preparatory works towards for development of Master Plan including calibrations and validation of State wide Transport Model readied for testing the development scenario for Master Plan option. The completion report of Master Plan which is due in June 2014 will include development of Strategic options using parameters such as V/C Ratio, Road serving inter-State Traffic, Back-ward and Tribal area linkages, High commercial traffic, Strategic/ Industrial linkages, alternative routes and missing links. It will also include Improvement strategy and preliminary costing, prioritization as per economic appraisal, ranking of roads under selected network, environmental and social screening of prioritize network. It will also include financing plan and road classification system. Along with this submission of completion report, capacity building measures of OWD Engineers to take up Master Planning activities will be undertaken.

4. Mid-Term Status Review (MTSR) Report

The Team Leader, Mr. Arun P. Mokashi briefly presented the status of ten tasks of the RSID as per the Contract Agreement. For detailing the progress made in each component included a short description of the scope, description of progress made and the activities planned in the near future to complete the assignment.

Highlights presented in the MTSR

- MTSR assignment profile
- Widening of reform sphere beyond RSID
- Ongoing activities
- Way Ahead

The Team Leader was asked to submit the detail time-line of each activities of every task assigned in RSID Consultancy Services so as to complete the task in time

5. Concluding Remarks

The SE (ISAP) opined that the revise report of *Mid-Term Status Review* (M.T.S.R.) shall be shared with Bank upon resubmission by incorporating Bank's comments. Chief Engineer (D.P.I. & Roads) informed that payment on these deliverables may be made subject to satisfaction to the ISAP Review Committee.

The committee unanimously agreed that:

Report on Vehicle Axle Load Regulation & Management includes compliance to the Bank's observations and comments and the same has been approved by Review Committee.

The interim report on preparation for inaugural master plan for main road network in Odisha is approved by ISAP Review Committee.

The draft Report on Odisha Road Safety Action Plan has been improvised by incorporating compliance to Bank's observations and approved by ISAP Review Committee.

The meeting ended with vote of thanks to the Chair.



Engineer-in-Chief cum Secretary, Works Department

Members and other Officials attended the 4th ISAP Review Committee Meeting

Sl.No.	Name of the Members/Officers/officials Present	Department/Organisation	Designation
1.	Er. N.K. Pradhan	Works Department	E.I.C.- cum - Secretary,
2.	Er. Sukadev Meher	Works Dept.	E.I.C. (Civil), Odisha
3.	Mr. A. Mahalik	Works	FA-cum-Addl. Secretary
4.	Er. R.N. Sahoo	Works	CE,(RD&QP), Odisha
5.	Er. B.C.Pradhan	Works	CE (DPI & Roads), Odisha
6.	Mr. G. Mathivathanan	Commerce & Transport Dept.	Commissioner-cum-Secretary
7.	Mr. V. Murahari Reddy	Independent Consultant	ISAP Facilitator (OSRP)
8.	Mr. M.K. Mohanty	Works	Joint Secretary
9.	Mr. Prafulla Ku. Rout	Finance	Joint Secretary
10.	Er. R.R. Bohidar	Works	SE, ISAP
11.	Mr. Purna Chandra Hota	Planning & Co-ordination	Assistant Director
12.	Er. Pradeep Kumar Nayak	Works	EE (ISAP)
13.	Er. Tarakanta Mohapatra	O.B & CC Ltd.	G.M (Civil)
14.	Er. Akshay Kumar Sahoo	Works Department	Asst. Engineer (Civil), ISAP Cell, Non-member
Consultants Professionals/Staffs			
15.	Mr. Arun Mokashi	ICT Pvt.Ltd.Delhi	Team Leader-cum-Road Agency Management Specialist
16.	Mr. Tony Mathew	ICT Pvt. Ltd. Delhi	Consultant, ICT
17.	A.K Sinha	ICT Pvt. Ltd.Delhi	Consultant, ICT (PWD domain Specialist)
18.	Amresh Kumar	ICT Pvt. Ltd.Delhi	Office Manager

