

# **ORISSA STATE ROADS PROJECT**

## **PROGRESS REPORT**

**FOR THE MONTH – APRIL 2010**

### **1. Summary of Activities**

The project activities have started in the packages towards end of 2009 and the status of various components is stated below.

**Civil Works:** The total length of roads to be improved under the three contracts for year -I is 204 km.

- Roadwork has been taken up in 33 km, along with the CD works.
- Road Profile has been revisited in view of the issues of submergence.
- As per Mission note of the World Bank, the proposed GSB with 100% crushed stone aggregate has to be reaffirmed with independent technical examination and views of AG, Orissa & SLEC; till then 5 Km in each package may be continued with GSB with crushed stone.
- Provision of CD works has been reviewed for drainage adequacy. The major HL Bridge over river Tel has been referred to CWPRS, Pune.

**Land Acquisition:** Total length of **135** Km has been acquired and physically taken over for the Year-1 roads

**Utility Shifting:** Relocation of hand pumps, pipelines and Electric lines and poles is in Progress.

- 73 tubewells have been relocated out of 248 affected
- 6000m of urban water supply lines relocated out of 16330m
- 30380m of rural water supply lines are to be relocated.
- 700 electric poles relocated out of 1027
- 18 transformers relocated out of 34

**Tree Cutting:** **4553** trees have been cut out of **11670**.

**R & R Issues:** Nodal and Implementing NGOs have been procured and necessary instructions have been passed with formats for estimates of R&R entitlements of each PAPs.

**Environmental Issues:** Necessary Environmental measures are being taken care of while implementing the Projects in all three Year-I Packages.

**Procurements:** Financial Proposals for the Consulting Services for Road Sector Institutional Development opened on 22nd March, 2010.

Contracts with the Nodal NGO and three implementing NGOs were signed.

**Reimbursement:** No Reimbursement claim was made in this month.

## 2. Components under the Project

The project comprises two components: (a) Road Corridor Improvement Component, (b) PPP Enabling, Sector Policy and Institutional Development, and Implementation Support Component. Table 1 provides the cost and financing arrangement for the project. The total project cost is US\$325.5 million, and the IBRD financing, at 80% of the total project cost, is US\$250 million.

**Table 1 Summary of Project Components, Costs and Financing Arrangement (US\$ millions)**

Component	Costs (including Contingencies)	% of Total	IBRD Loan	% IBRD	GOO Share	%GOO
<b>A - Road Improvement Component 1</b>	<b>303.3</b>	<b>94.0%</b>	<b>234.1</b>	<b>93.6%</b>	<b>69.2</b>	<b>95%</b>
<i>Civil Works</i>	<b>270.3</b>	<b>83.8%</b>	<b>216.3</b>	<b>86.5%</b>	<b>54.1</b>	<b>74%</b>
<i>Phase 1 Roads -- 204 km</i>	<b>112.7</b>	<b>34.9%</b>	<b>90.1</b>	<b>36.0%</b>	<b>22.5</b>	<b>31%</b>
<i>Supervision Cost</i>	12.7	3.9%	10.2	4.1%	2.5	3%
<i>LA, R&amp;R, Utility Shifting</i>	20.3	6.3%	7.7	3.1%	12.6	17%
<b>B- PPP Enabling, Institutional Development and Implementation Support</b>	<b>19.2</b>	<b>6.0%</b>	<b>15.4</b>	<b>6.1%</b>	<b>3.8</b>	<b>5%</b>
<b>Total Project Cost</b>	322.5	100.0%	249.37	99.8%	73.0	100.0%
Front-end Fee			0.63			
<b>Total Financing Required</b>	<b>322.5</b>	<b>100%</b>	<b>250</b>	<b>100%</b>	<b>73.0</b>	<b>100%</b>

### 2.1. Road Corridor Improvement Component

This component will support the widening, strengthening and selective realignment of about 461 km of existing roads to double-lane standard as provided in the table below. The project roads are part of three road corridors that connect industrial, mining and tourist areas to major National Highways and ports in Orissa and neighboring Andhra Pradesh, as well as provide connectivity and improve the availability of transport services for the poor and tribal communities living along the road corridors.

Sl. No.	Name of the Road	Length in km
1	Bhawanipatna-Khariar	68
2	Anandpur-Bhadrak-Chandbali	95
3	Berhampur-Taptapani	41
4	Jagatpur-Chandbali	106
5	Taptapani-Raipanka	68
6	Raipanka-J.K.Pur	83
	<b>Total</b>	<b>461</b>

In addition to the physical works, the project will finance costs associated with

- (i) supervision consultants,
- (ii) implementation of Environment Management Plans,
- (iii) Resettlement and Rehabilitation (R&R),
- (iv) Indigenous People (Tribal) Development Plan (TDP),
- (v) HIV/AIDS mitigation measures, and
- (vi) road safety awareness campaign,
- (vii) as well as cost to be borne solely by the government for land acquisition and utility shifting.

## 2.2 PPP Enabling Support, Sector Policy and Institutional Development and Implementation support

This component will assist GOO to

- (i) introduce private sector participation in financing and management in the road sector,
- (ii) modernize OWD organization and capacity,
- (iii) improve the policy, institutional and legal framework of the State road sector, and
- (iv) implement and monitor the project

### **2.2.1 PPP Enabling Support**

- i.) The project will assist GOO to attract private sector participation in financing and management of selected high-traffic roads through leveraging the VGF grant available from GOI for qualified PPP infrastructure projects. The loan will finance costs for transaction adviser and independent engineer consultancy services to help the state upgrade and widen additional high traffic mining/industrial roads totaling about 229 km under PPP basis in the first phase.
- ii.) The project will also earmark some additional funds for possible financing of another transaction advisory service to develop additional, viable PPP roads in a second phase during project implementation.

### **2.2.2 Modernize Organization and Capacity**

The project will finance technical assistance and advisory services for OWD to

- (a) establish a Road Asset Management System to develop an objective maintenance planning and resource allocation system for road maintenance;
- (b) develop and implement a strategy for modernizing OWD financial management, records management, facilitating public information access and introducing e-procurement,
- (c) strengthen OWD capacity in core business functions, including Environment and Social Management, Road Safety, Road Asset Management, and PPP Transactions;
- (d) revise and update the PWD Codes and Manual to improve contract management and procurement practices in OWD; and
- (e) provide training and capacity building for OWD staff..

### **2.2.3 Institutional Development Support**

The project will finance technical assistance and advisory services to assist GOO to improve its road sector policy, institutional and legal framework to align it with the rapidly changing environment and context.

This will include support to

- (a) improving operation and management (O&M) structure for managing the State's Core Road Network;

- (b) establish sustainable road maintenance financing arrangements;
- (c) establish a State road development council to coordinate the various road agencies in the state;
- (d) develop a Road Master Plan, including revision/update and implementation of the road network classification system;
- (e) develop a Road Safety Policy Action Plan; and
- (f) develop state-level axle load control policy and implementation strategy

## **2.2.4 Implement & Monitor the Project**

The project will finance incremental operating costs to facilitate project implementation. This will include costs incurred by the Project Management Unit for the operation and maintenance facilities, vehicles and equipment used for Project implementation (including without limitation, vehicle rental, office rental, fuel costs and stationeries), expansion of office spaces, and salaries and allowances of incremental staff assigned to Project Management Unit for Project implementation, but excluding salaries of the Recipient's civil servants.

## **3. Status of Project Components**

### **3.1. Road Corridor Improvement**

#### **3.1.1. 1<sup>st</sup> Phase Roads**

##### **3.1.1.1. Civil Works**

##### **3.1.1.1.1. Package – Y1 - P01 – Bhawanipatna – Khariar ( Km. 2/0 to Km. 70/0 of SH – 16 )**

- (i) Contract Reference No. : Agreement No. 5 of 2008 -09 Dt. 3<sup>rd</sup> Dec 2009
- (ii) Name of the Contractor : PATEL – ARSS JV
- (iii) Contract Amount : Rs.105,51,39,120
- (iv) Date of Commencement : 20-Feb-2009
- (v) Stipulated Date of Completion : 30 Months, i.e. 19 Aug, 2011
- (vi) Milestones as per contract
  - a. 1<sup>st</sup> Milestone : 20.02.2009 to 19.12.2009 Km. 18/0 to Km. 46/0
  - b. 2<sup>nd</sup> Milestone : 20.02.2009 to 19.10.2010 Km. 46/0 to Km. 70/0

The first milestone has been revised to Km 35/000-63/000 and communicated to the contractor by the Engineer.

##### **3.1.1.1.2. Package – Y1 - P02 – Bhadrak to Chandbali ( Km. 0/0 to Km. 45/0 of SH – 9 ) and Bhadrak to Anandpur ( Km. 0/0 to Km. 50/0 of SH – 53 )**

- (i) Contract Reference No. : Agreement No. 4 of 2008 – 09 Dt. 3<sup>rd</sup> Nov, 2008
- (ii) Name of the Contractor : SOMDATT BUILDERS – ARSS JV
- (iii) Contract Amount : Rs.216,23,17,622
- (iv) Date of Commencement : 03 Feb-2009
- (v) Stipulated Date of Completion : 30 Months, i.e. 02 Aug, 2011
- (vi) Milestones as per contract
  - a. 1<sup>st</sup> Milestone : 03.02.2009 to 02.12.2009 Km. 0/0 to Km. 10/0 of SH – 9 and Km. 25/0 to Km. 45/0 of SH – 53
  - b. 2<sup>nd</sup> Milestone : 03.02.2009 to 02.10.2010 Km 10/0 to Km. 25/0 of SH – 9 and Km. 27/0 to Km. 45/0 of SH – 53

### **3.1.1.1.3. Package – Y1 - P03 – Berhampur to Taptapani ( Km. 0/0 to Km. 41/0 of SH – 17)**

- (i) Contract Reference No. :Agreement No.2 of 2008 – 09 Dt. 5<sup>th</sup> Sep, 2008
- (ii) Name of the Contractor :BACKBONE – ARSS JV
- (iii) Contract Amount :Rs. 81,97,23,707
- (iv) Date of Commencement :22-Nov-2008
- (v) Stipulated Date of Completion :24 Months, i.e. 21 Nov, 2010
- (vi) Milestones as per contract
  - a. 1<sup>st</sup> Milestone :22.11.2008 to 21.07.2009 Km. 2/0 to Km. 15/0 of SH 17
  - b. 2<sup>nd</sup> Milestone :22.11.2008 to 21.03.2010 Km. 15/0 to Km. 30/0 of SH – 17

### **3.1.1.2. Supervision of 1<sup>st</sup> Phase Roads**

- (i) Contract Reference No. :Agreement No.1 of 2008 – 09 Dt. 21<sup>st</sup> Aug, 2008
- (ii) Name of the Contractor :SMEC International Pty Ltd with Sub-Consultants SMEC (India) Pvt. Ltd & CMEC Consulting Engineers Pvt. Ltd
- (iii) Contract Amount :Rs. 16,67,95,500 + AUD 59,320
- (iv) Date of Commencement :4<sup>th</sup> Sep 2008
- (v) Stipulated Date of Completion : 44 Months, i.e. 3<sup>rd</sup> Mar, 2012

The progress of Civil Works, utility shifting, Tree cutting, Land Acquisition, R&R are enclosed in separate annexure as listed below.

- 3.1.1.3. Progress of Civil Works See Annexure – 1
- 3.1.1.4. Tree Cutting : See Annexure - 2
- 3.1.1.5. Environment & Worksite Safety management See Annexure - 3
- 3.1.1.6. Land Acquisition: See Annexure - 4
- 3.1.1.7. Rehabilitation and Resettlements: See Annexure - 5
- 3.1.1.8. Utility Shifting: See Annexure - 6
- 3.1.1.9. Financial Progress: See Annexure - 7

### **3.1.2. 2<sup>nd</sup> Phase Roads**

#### **3.1.2.1. Civil Works**

- A. Package – Y2 - P01 – Taptapani to Raipanka ( Km. 41/0 to Km. 109/0 of SH 17)
- B. Package – Y2 - P02 – Raipanka – Bangi Jn [ Km. 109/0 – 150/0 of SH 17] and Bangi Jn. – JK Pur [ Km. 161/0 – 119/0 of SH 4]
- C. Package – Y2 - P03 – Jagatpur to Chandbali ( Km. 0/0 to Km. 99/0 of SH – 9A and Km. 45/0 to Km. 52/0 of SH - 9 )

#### **3.1.2.2. Procurement of Civil Works**

DPR of all the three Packages were completed by M/s CEG Ltd.

Mr. V Murahari Reddy, World Bank Consultant, had reviewed the DPRs and BID Documents.

The invitation of BIDs are delayed, as LA and R & R in these stretches are not achieved upto the satisfaction of the World Bank.

### 3.1.2.3. Procurement of Supervision Consultant

Request for Proposal was issued to Six Shortlisted Firms vides this office No. 46238 Dt.15.10.2008. Within the stipulated time of submission, i.e. on 16 Feb, 2009 five firms had submitted their proposals.

Evaluation of Technical Proposals was submitted to the World Bank on 25<sup>th</sup> April, 2009. The No Objection of the World Bank is awaited.

3.1.2.4. Tree Cutting See Annexure – 2-A

3.1.2.5. Environment & Worksite Safety management See Annexure – 3-A

3.1.2.6. Land Acquisition See Annexure – 4-A

3.1.2.7. Rehabilitation and Resettlements See Annexure – 5-A

3.1.2.8. Utility Shifting See Annexure – 6-A

## 3.2. PPP Enabling Support, Sector Policy and Institutional Development and Implementation support

### 3.2.1. PPP Enabling Support

#### 3.2.1.1. PPP TA Services

Name of Consultant	: Price Water House Coopers Pvt Ltd in JV with Lea Associates South Asia Pvt. Ltd.
Contract Reference	: Agreement No. 1 of 2007 – 08 Dt. 27 Sep 2007
Contract Amount	: Phase 1: INR 22,322,900.00 Phase 2: INR 12,350,500.00 Total: <b>INR 34,673,400.00</b>
Date of Mobilization	: 15 Oct, 2007
Stipulated Date of Completion	: 12 Months, i.e. 14 Oct 2008 (Original) Provisionally Extended till 31 <sup>st</sup> March, 2010

#### 3.2.1.2. Project Detail

- A. Four laning of Road from Sambalpur to Rourkela ( Km. 5/0 to Km. 66/0 of SH 10)
- B. Widening of Expressway – II road from Joda to Bamebari ( Km. 0/0 to Km. 18/0 )

## C. Widening of road from Koida to Lahunipada via Tensa ( Km. 0/0 to Km. 48/0 )

### 3.2.1.3. Project Preparation Status

The Consultant has submitted the Preliminary Project Report of all the three Project Corridors.

As per the State's PPP Policy, all the three packages were reviewed by the Empowered Committee on Infrastructure (ECI) under P & C Department. The High Level Committee (HLCA) had also cleared the Sambalpur – Rourkela Project, where the TPC is more than 500 Cr.

The draft Toll Act of Orissa is cleared by the State Cabinet and under the process of legislation.

Budgetary Provision and Administrative Approval for the expenditures to be borne by the State Government is under process.

The L.A. and other statutory clearance process shall start after obtaining Administrative Approval from the Government.

RFQ for Joda - Bamebari Road has been issued. The last date of the receipt of these RFQ are being extended till obtaining a clear picture of the Toll Act and Toll Policy of the State.

3.2.1.4. Tree Cutting See Annexure – 2-B

3.2.1.5. Environment & Worksite Safety management See Annexure – 3-B

3.2.1.6. Land Acquisition See Annexure – 4-B

3.2.1.7. Rehabilitation and Resettlements See Annexure – 5-B

3.2.1.8. Utility Shifting See Annexure – 6-B

### 3.2.2. Modernize Organization and Capacity

The status of various components under this sector is enumerated below.

<b>Sl.</b>	<b>Description of Item Agreed</b>	<b>Status</b>
1	Development of Road Asset Management System	Request for Proposal for Technical Assistance to Establish an Asset Management System on the Core State Road Network of Orissa Works Department has been invited on <b>5<sup>th</sup> Feb, 2010</b> .  - Pre-proposal Conference held on 24 <sup>th</sup> Feb, 2010  - Proposals to be received on 21 <sup>st</sup> May 2010.
2	Modernizing OWD financial management	This task will be taken up by the Consultant engaged for Road Sector Institutional Development

<b>Sl.</b>	<b>Description of Item Agreed</b>	<b>Status</b>
3.	Modernizing OWD Records Management	This task will be taken up by the Consultant engaged for Road Sector Institutional Development
4.	Facilitating Public Information Access	M/s Luminous Infoways, the Content Service Provider of I & PR Department, Government of Orissa has been engaged to develop the RTI centric website of OSRP ( osrp.gov.in).  The OSRP website will not only provide information regarding the project but also facilitate the citizens in lodging complaints online.
5.	E-Procurement	This task is being looked up by the State Procurement Cell of Orissa.
6.	<b>Capacity Development of OWD in</b>	This task will be taken up by the Consultant engaged for Road Sector Institutional Development
.	A. Core business functions	
	B. Environment Management	
	C. Social Management	
	D. Road Safety	
	E. Asset Management	
	F. PPP Transactions	
7	Revise and update the PWD Codes and Manual	Steps shall be taken to address this assignment by the Consultant engaged for Road Sector Institutional Development
8	Training and capacity building for OWD staff	This task will be taken up after the findings of the Consultant engaged for Road Sector Institutional Development

### 3.2.3. Institutional Development Support

The status of various components under this sector is enumerated below

<b>Sl.</b>	<b>Description of Item Agreed</b>	<b>Status</b>
1	Improving operation and management (O&M) structure for managing the State's Core Road Network;	A notification has been made for identifying the Core Road Network of the Works Department. The Chief Engineer, World Bank Projects, Orissa has been entrusted to manage the Core Road Network.  A specific budget provision is being made for the Operation and Maintenance of Core Road Network.
2	Establish sustainable road maintenance financing arrangements;	This task will be taken up after the findings the Consultant engaged for Road Sector Institutional Development



<b>Sl.</b>	<b>Description of Item Agreed</b>	<b>Status</b>
3	Establish a State road development council to coordinate the various road agencies in the state;	This task will be taken up after the findings the Consultant engaged for Road Sector Institutional Development
4	Develop a Road Master Plan, including revision/update and implementation of the road network classification system;	This task will be taken up after the findings the Consultant engaged for Road Sector Institutional Development
5	Develop a Road Safety Policy Action Plan;	This task will be taken up after the findings the Consultant engaged for Road Sector Institutional Development
6	Develop state-level axle load control policy and implementation strategy	This task will be taken up after the findings the Consultant engaged for Road Sector Institutional Development

### **3.2.4. Implement & Monitor the Project**

#### **3.2.4.1. State Level Project Monitoring Committee**

State Level Steering Committee has been established by Government of Orissa vide Works Department Resolution No. EAP – 12/2006 – 14915 /w dt 14.08.2006 with the following members to oversee all issues and inter-departmental matters for the Project.

- |   |                 |
|---|-----------------|
| 1. DC-cum-ACS   | .. Chairman     |
| 2. Principal Secretary, Revenue & Disaster Management | .. Member       |
| 3. Principal Secretary, Forest & Environment          | .. Member       |
| 4. Spl. Secretary, Finance                            | .. Member       |
| 5. Spl. Secretary, P & C Department                   | .. Member       |
| 6. EIC-cum-Secretary, Works Department                | .. Member       |
| 7. C.E. World Bank Projects, Orissa                   | Member Convenor |

The Date of Last Meeting Held: To be convened shortly.

#### **3.2.4.2. State Level Empowered Committee**

This committee with the following members was constituted by Works Department Resolution No. EAP ( cell) 26/2008 – 19443/w Dt. 29.11.2008 to give overall direction for smooth functioning of the Project.

- |   |                 |
|---|-----------------|
| 1. DC-cum-ACS                               | .. Chairman     |
| 2. Principal Secretary, Finance             | .. Member       |
| 3. Secretary, Revenue & Disaster Management | .. Member       |
| 4. Secretary, Forest & Environment          | .. Member       |
| 5. Secretary, LAW                           | .. Member       |
| 6. EIC-cum-Secretary, Works Department      | .. Member       |
| 7. C.E., D.P.I. & Roads, Orissa             | .. Member       |
| 8. C.E. World Bank Projects, Orissa         | Member Convenor |

The Date of Last Meeting Held: To be convened shortly.

### 3.2.4.3. ISAP Steering Committee

Committee has been constituted. ISAP negotiations have been completed. The ISAP Working Group Meeting which is under composition, tentatively scheduled to be held on 15<sup>th</sup> May 2010.

### 3.2.4.4. Project Management Unit

The Project Management Unit headed by the Chief Engineer, World Bank Projects, Orissa is overseeing the Project.

Three Executive Engineers has been entrusted for overall monitoring of the three ongoing Civil Works Packages and its ancillary activities. The Organization Chart is furnished at Annexure 9.

#### 3.2.4.4.1. Environment Management Cell ( EMC)

The EMC Unit is headed by an Executive Engineer, with the following staffs to oversee all Environment related issues in the Project.

- Environmental Specialist ( Procurement under process ) 1 No
- Asst. Conservator Forest 1 No
- Asst. Engineer ( Civil) 1 No
- Forester 1 No
- Junior Engineer 1 No.

#### 3.2.4.4.2. Social Management Cell

The SMC Unit is headed by an Asst. Commissioner, OAS -I, with the following staffs to oversee all Social related issues in the Project.

- Spl. LAO 1 No
- Social Development Specialist 1 No
- Welfare Extension Officer 1 No
- Amin 1 No

This unit is further assisted by the Nodal NGO and Package Level NGOs engaged under the Project to look into the R & R issues.

One Executive Engineer, has been made the focal person for all Social & R & R issues under the Project.

#### 3.2.4.4.3. PPP Cell

The PPP Unit is headed by an Executive Engineer, with the following staffs to oversee PPP issues in the Project.

- Asst. Engineer 2 Nos

This unit is further assisted by the Consultant hired for PPP Transaction Advisor.

#### 3.2.4.4.4. OWD Field Offices

The following Field OWD Executive Engineers have been entrusted the role of Package Manager for the respective Package. Apart from this one Asst. Engineer

of the concerned field OWD Division has been declared as the Nodal Officer for all matters relating the Project.

**For Year-I Roads:**

**Package Managers**

P01:Bhawanipatna-Kharia

EE, Kharia(R&B) Division & EE,  
Kalahandi (R&B) Division

P02:Bhadrak-Anandpur-Chandbali

EE(R&B) Bhadrak

P03: Berhampur-Taptapani

EE(R&B) Ganjam-I &II

**For Year-II Roads :**

P04:Jagatpur-Chandbali

EE(R&B) Kendrapada, EE(R&B)  
Cuttack, EE(R&B) Bhadrak

These officers carry out regular interactions with their counterparts in the local administration and also with the Supervision Team, NGOs and Contractor for solving day-to-day issues in the field.

**3.2.4.5. Financial Management, Financial Reports, Audits**

The PMU submits quarterly Interim-Unaudited Financial Reports for reimbursement claims. The Audit Certificate for the Annual Expenditure is being submitted within the stipulated time.

Financial Manual has been revised on May 2010.

**3.2.4.6. EMP Implementation Status**

**3. Key Issues and Action taken status has been highlighted in Annexure-**

Civil Works for Year-I Roads :( Physical Progress of Highway &amp; Structures Works)

**Civil Works Physical Progress (Highways & Structures)**

Sl. No.	Items	Total Quantity	Achieved upto March-2010	Progress in April-2010	Cummulative Progress up to April-2010	%ge Progress of Total	Remarks
<b>Y1-P01:BHAWANIPATNA-KHARIAR</b>							
1	Earthwork ( KM)	68	3	2	5	7.4 %	In progress
2	Subgrade(KM)	68	2.8	2	4.8	7 %	-do-
3	CD Works(Nos)	141	16 = (6 completed & 10 in progress)	5	21	15 %	-do-
<b>Y1-P02:BHADRAK-CHANDBALI-ANANDPUR</b>							
1	Earthwork ( KM)	95	18	2	20	21.1 %	In progress
2	Subgrade(KM)	95	2.0	13	15	15.8 %	-do-
3	CD Works(Nos)	242	27	3	30	12.4 %	-do-
<b>Y1-P03:BERHAMPUR-TAPTAPANI</b>							
1	Earthwork ( KM)	41	2	2	4	10 %	In delayed progress
2	Subgrade(KM)	41	0	1.0	1.0	2.5 %	-do-
3	CD Works(Nos)	147	2	13	15	10.2 %	

**Status of Tree Cutting**

SI No	Package / Corridor	Total Nos of trees to be fell down	Revised Nos to be fell down on Physical verification	Achieved up to March 2010	Progress in this Month(April 2010)	Cumm.ve Nos upto April 2010	%ge Achieved	Remarks
1	Y1-P01	2290	2315	483	39	522	22.54%	
2	Y1-P02	6253	7297	3614	15	3629	49.37%	
3	Y1-P03	915	1348	402	0	402	29.82%	

**Status of Disposal**

SI No	Package / Corridor	Cumm.ve Nos of felled down trees( upto April 2010)	Disposed off up to April-2010	Balance to be disposed off	Progress in this Month(April 2010)	%ge Achieved	Remarks
1	Y1-P01	522	139	383	0	27%	
2	Y1-P02	3629	2267	1362	15	62%	
3	Y1-P03	402	NA	NA	NA	NA	

**\*Environmental & work site safety & social safe guard Management issues:  
Y-1P01: BHAWANIPATNA-KHARIAR ROAD**

Sl No.	Points of Concern	Obs. Of WB Mission April 2010/Site Visits by CSC & PMU Officials	Achieved up to April 2010	%ge Complete as per EMP/Agmt.	Remarks
1	Approved layout of campsite and Plant site	Camp / Plant Site Documents	Applied	90%	Returned with comments by CSC for resubmission CSC letter no. Pr-5061103/RE/P01.150, dated-21/04/2010.
2	Clearance for Hot-mix plants	Consent Letter from Pollution Control Board NOC.	Clearance Received	100%	Contractor's Letter no. PATEL-ARSS JV/ BPT/ RE/ SMEC/ 81/09-10, dated 05/04/2010.
3	Clearance for stone crusher units	Consent Letter from Pollution Control Board NOC.	Clearance Received	100%	
4	Approval of Debris Disposal Plan	This should be submitted by contractor with permission from land owner.	Pending	Nil	
5	Explosive storage and handling safety	Explosive storage and permission from explosive department should be obtained.	Pending	Nil	
6	Camp-site hygienic measures(water supply, sanitation, ventilations)	Daily Site hygiene should be maintained.	Pending	50%	
7	Corridor sign ages, informatory boards, barricading, traffic diversion safety measures	Corridor sign ages, informatory boards, barricading, and traffic diversion safety measures.	Contractor not conforming fully	70%	
8	Use of Workers safety devices in plant sites and construction sites	PPE's should be mandatory at work	Contractor not conforming fully	50%	

		site/plant site.			
9	Ensure Safe Green Tunnel	Stretches Identified for Green Tunnel in SH - 09. 1. From 17+600 – 18+500 Km 2. From 18+800 – 19+250 Km 3. From 22+100 – 22+400 Km 4. From 27+100 – 27+400 Km	N/A	N/A	
10	Approved Borrow area	Borrow Area shall be approved as per EMP stipulation.	A total of 08 nos. approved	80%	Documents required as per EMP provisions not submitted by the Contractor.
11	Approved stone quarry	Quarry Areas should be issued permission from mines & minerals dept & concerned authorities.	01 no. at Borda Camp	100%	Stone quarry is fully operational.
12	Approved WMM Plant	Consent Letter from Pollution Control Board NOC.	01 no. at Borda Camp	100%	WMM laying has been started using mix from WMM Plant.

(\*DATA RECEIVED FROM CSC)

**ANNEXURE – 3(Contd..)**

**Environmental & work site safety & social safe guard Management issues:**

**Y-1P02: BHADRAK-CHANDBALI-ANANDPUR ROAD**

<b>Sl No.</b>	<b>Points of Concern</b>	<b>Obs. Of WB Mission April 2010(as per Aide memoire)</b>	<b>Achieved up to April 2010</b>	<b>%ge Complete as per EMP/Agmt.</b>	<b>Remarks</b>
1	Approved layout of campsite and Plant site	Camp / Plant Site Documents	Documents for Camp / Plant Site  1. Layout plan. 2. Agreement from land owners. 3. Permission from Panchayat submitted to this office.	100 % completed as per EMP.	Ref Letters. 1. SDB/ARSS – JV/TL/SMEC/08-09/3026 Dt. 28/03/09 2. SDB/ARSS – JV/TL/SMEC/08-09/2640 Dt. 23/01/09 3. SDB/ARSS – JV/ 143 Dt. 23/11/09 4. SDB/ARSS – JV/ 50 Dt. 26/06/09
2	Clearance for Hot-mix plants	Consent Letter from Pollution Control Board NOC.	NOC obtained for HMP from Regional Office OSPCB, Dt. 26/11/2009	80% Completed Consent to operate and renewal of consent is not completed.	1. SDB/ARSS – JV/ 144 Dt. 13/12/09
3	Clearance for stone crusher units	Consent Letter from Pollution Control Board NOC.	NOC obtained for HMP from Regional Office OSPCB, Dt. 26/11/2009	80% Completed Consent to operate and renewal of consent is not completed.	2. SDB/ARSS – JV/ 144 Dt. 13/12/09
4	Approval of Debris Disposal	This should be submitted by	In progress	0%	-



Sl No.	Points of Concern	Obs. Of WB Mission April 2010(as per Aide memoire)	Achieved up to April 2010	%ge Complete as per EMP/Agmt.	Remarks
	Plan	contractor with permission from land owner.			
5	Explosive storage and handling safety	Explosive storage and permission from explosive department should be obtained.	No explosive in this pkg.	-	-
6	Camp-site hygienic measures(water supply, sanitation, ventilations)	Daily Site hygiene should be maintained.	In progress.	Routine Work	-
7	Corridor sign ages, informatory boards, barricading, traffic diversion safety measures	Corridor sign ages, informatory boards, barricading, and traffic diversion safety measures.	One Informatory board in fixed at bonth chowk . Three are to be installed at : 1. 20 Km of SH – 09. 2. 42+300 of SH – 53. 3. 45 Km of SH – 09.	25% completed	Red Letter No: 1. 5061103/RE/PO2.26 3 Letter issued to contractor.
8	Use of Workers safety devices in plant sites and construction sites	PPE's should be mandatory at work site/plant site.	50 % workers using PPE's.	50% completed	-
9	Ensure Safe Green Tunnel	Stretches Identified for Green Tunnel in SH -09. 5. From 17+600 – 18+500 Km 6. From 18+800 – 19+250 Km 7. From 22+100 – 22+400 Km 8. From 27+100 – 27+400 Km	No tree cutting allowed in this stretches.	100 % completed	Ref: 1. OSRP/CW/Y1/PO2/1720 4 Dt. 20/04/09.

Sl No.	Points of Concern	Obs. Of WB Mission April 2010(as per Aide memoire)	Achieved up to April 2010	%ge Complete as per EMP/Agmt.	Remarks
10	Approved Borrow area	Borrow Area shall be approved as per EMP stipulation.	18 BA are operated as per EMP stipulations.	80% completed.	Attached Borrow Area Details.
11	Approved stone quarry	Quarry Areas should be issued permission from mines & minerals dept & concerned authorities.	Operated on Basis of Lease.	-	-
12	Approved WMM Plant	Consent Letter from Pollution Control Board NOC.	NOC obtained from OSPCB, Dt. 26/11/2009	80% Completed Consent to operate and renewal of consent is not completed.	Ref Letter No. 1. SDB/ARSS –JV/ 144 Dt. 13/12/09.

**Environmental & work site safety & social safe guard Management issues:  
Y-1P02: BERHAMPUR-TAPTAPANI ROAD**

Sl. No.	Points Concern	Obs. Of WB Mission /Employer /CSC during field visit in April 2010	Achieved up to April 2010	%ge Complete as per EMP / Agrmt.	Remarks
1	Approved layout of campsite and Plant site		Layout not yet submitted		
2	Clearance for Hot-mix plants		CtE taken (3187/20.12.2009)		
3	Clearance for stone crusher units		Not yet submitted to CSC		
4	Approval of Debris Disposal Plan		No Plan submitted to CSC		
5	Explosive storage and handling safety		NA		
6	Camp-site hygienic measures (water supply, sanitation, ventilations)		Water supply in progress. No sanitation & ventilation facility provided to operators / supervisors		
7	Corridor sign ages, informatory boards, barricading, traffic diversion safety measures		In process		
8	Use of Workers safety devices in plant sites and construction sites		Partial		
9	Ensure Safe Green Tunnel		In progress		
10	Approved Borrow area		Not approved by EE of CSC (No borrow area development plan in place)		
11	Approved stone quarry		- do -		
12	Approved WMM Plant		CtE taken (3187/20.12.2009)		

## LAND ACQUISITION STATUS REPORT FOR YEAR-01 ROADS

Name of the Project corridor	Length wise corridor with SHs Stretch	Name of the District	Chainage	Total amount sanctioned in Rs. and paid to L.A.O.s for 6(1) notification with the number of villages.	Total No of villages of which land to be acquired.	Pocession handed over up to March-2010	Possession in April 2010 , if any	Up- to- date possession (Cumulative up to April 2010)	%ge of Achievement of target	Length available in a continuous stretch(in KM)	Remarks
Y1-P01 ( Bhawanipatna- Khariar Road , 68 Km)	Bh. Patna- Khariar SH-16 68kms	Kalahandi	2.583 To 40.525	Rs 5893160.00 19 Villages	19	15	1	16	84.21%	58.417 out of 68 Km	Work nearing to completion
		Bolangir	36.240 To 59.119	Rs. 5154541.00 13 Villages	13	13	0	11	100%		LA completed
		Nuapada	55.892 To 70.00	Rs. 61,53,772.00 9 Villages	9	9	0	9	100%		LA completed
		<b>Total</b>		<b>41</b>	<b>41</b>	<b>37</b>	<b>1</b>	<b>36</b>	<b>90.24 %</b>		
Y1- P02(Bhadrak- Anandpur- Chandbali Road 95 KM)	(A) Bhadrak- Chandbali Road, SH- 9(45Kms) &	Bhadrak	0.000 To 45.000	Rs. 40306640.00 48 Villages	48	30	0	30	62.50 %	46 out of 95 Km	Work in Progress
		Bhadrak	0.000 To 25.444	Rs.23659856.00 18 villages	18	11	0	11	61.11 %		-do-
		Keonjhar	25.444 To 45.125	Rs19536351.00 11 Villages	11	9	0	9	81.12%		Work to be completed
		<b>Total</b>		<b>77</b>	<b>77</b>	<b>50</b>	<b>0</b>	<b>50</b>	<b>64.94 %</b>		
Y1- P03(Berhampur- Taptapani Road , 41 Km)	Berhampur- Taptapani- SH-17 -41 Kms Stretch	Ganjam	0.000 To 41.000	Rs. 38095299.00 28 Villages	31	16	12	28	90.32 %	31 out of 41 Km	Work nearing to completion
		<b>Total</b>		<b>28</b>	<b>31</b>	<b>16</b>	<b>12</b>	<b>28</b>	<b>90.32 %</b>		
		<b>G.TOTAL</b>	<b>206 km</b>	<b>Rs.135172670.00 146 villages</b>	<b>149</b>	<b>115</b>	<b>0</b>	<b>116</b>	<b>77.85 %</b>	<b>135.42 km</b>	

## LAND ACQUISITION STATUS REPORT FOR YEAR-II ROADS

Name of the Project corridor with Stretch	Name of the District	Total nos village	Total nos village(proposal) to be sent for 4(1) Notification	Total nos village proposals Recevied by the Revenue & DM Department	Total nos of villages notified by Govt in Revenue Department 4(1)	Total nos village proposals Recevied by the Revenue & DM Department U/S 6(1)	Total amount (Rs. Deposited)	Total nos of village notified under Section 6(1) by Govt. in Revenue Deptt.	Remark
Jagatpur-Chandbali Road, SH-09 A 106 kms.	Kendrapada	62	53	50	48	10	147460145.00	7	For Benchmark valuation
	Cuttack	45	41	40	40	1	140691858.00	1	Hearing U/S 5(A)
	Bhadrak	7	6	6	6	-			

## Rehabilitation &amp; Resettlement Status Report for Year – I Roads:

Package : Bhawanipatna -Khariar

NGO: KASS

1<sup>st</sup> Mile stone surveyed/Verified: 35.000 Km – 63.000 Km

Category of PAP	As per DPR	In the 1 <sup>st</sup> Mile stone	Structure verification	Structure Valuation	R&R assessment	Micro-Plan
Commercial	103	51	65	In Progress	In Progress	24
Residential	70	43	71	In Progress	In Progress	6
Kiosk	32	35	34	In Progress	In Progress	17
Total	205	129	170			47

Package : Bhadrak-Anandpur-Chandbali

NGO: VARRSA

1<sup>st</sup> Mile stone surveyed/Verified: 2.000-9.000 Km, 12.000Km-17.000Km,21.000-26.000 Km

Category of PAP	As per DPR	In the 1 <sup>st</sup> Mile stone	Structure verification	Structure Valuation	R&R assessment	Micro-Plan
Commercial	1152	232	207	In Progress	In Progress	64
Residential	91	35	25	In Progress	In Progress	09
Kiosk	638	116	83	In Progress	In Progress	46
Total	1881	383	315			119

Package : Berhampur-Taptapani

NGO: KASS

1<sup>st</sup> Mile stone surveyed/Verified: 5.000Km-17Km & 35.000Km-41.000Km

Category of PAP	As per DPR	In the 1 <sup>st</sup> Mile stone	Structure verification	Structure Valuation	R&R assessment	Micro-Plan
Commercial	238	84	108	In Progress	In Progress	15
Residential	319	118	208	In Progress	In Progress	30
Kiosk	93	43	50	In Progress	In Progress	5
Total	650	245	366			50

## ANNXURE – 6

## UTILITY SHIFTING FOR YEAR – I ROADS :( PH DIVISIONS)

Sl. No.	Package	Name of Division	Name of the Work	Locations	A.A Amount Rs. lakh	Amount Deposited Rs. lakh	Physical Progress	Remarks
1	OSRP-CW-Y1-P03	Berhampur P.H. Division	Shifting of Water Supply pipe lines	Berhampur 1st Gate - Dakhinapur	392.17	376.75	Provisions: Pipelines shifting 2 x 3200 mtr Status : Materials procured . Work will start after land acquisition.	Work is started
2	- do -	- do -	- do -	Maulabhanja-Digapahandi	107.87	107.87	Provisions: Pipelines shifting 2360+2070 mtr . Status : Materials procured . Work will start after land acquisition.	-do-
3	OSRP-CW-Y1-P02	Baripada P.H. Division	- do -	Chandbali Byepass - Haladidiha Chhak	76.1	76.10	Provisions: Pipelines shifting 3200 mtr . Status : Work completed for 2400mtr.	Balance 800 m tender already called for
4	- do -	- do -	- do -	Bonth Chhak - Bagurai Check Gate	59.53	59.53	Provisions: Pipelines shifting 2500mtr . Status : Work completd for 1800 mtr	Tender floated for balance 700 m Pipeline shifting
5	OSRP-CW-Y1-P01	P.H. Division , Bolangir	- do -	Khariar N.A.C area.	5.4	5.40	Provisions: Pipelines shifting 1250mtr . Status : Work completed 500mtr.	Work is in progress
6	- do -	- do -	- do -	T.B.Hospital at Kamathana	2.855	2.86	Provisions: Pipelines shifting 150 mtr . Status : Work will start after land acquisition.	--
			<b>TOTAL =</b>		<b>643.925</b>	<b>628.505</b>		

## UTILITY SHIFTING FOR YEAR –I ROADS :( RWSS DIVISIONS)

Sl. No.	Package	Name of Division	Name of the Work	Locations	A.A Amount Rs. lakh	Amount Deposited Rs. lakh	Physical Progress	Remarks
1	OSRP-CW-Y1-P03	RWSS Division, Berhampur	Shifting of Hand pumps, Tubewells, shifting of water supply lines	Villages: Sanakhemundi-6400M, Digapahandi=1110M, Kukudakhandi=2700M.	61.54	55.00	Tube wells Affected = 46nos Done = 40 nos Pipe lines: Provision:10,210 mtr Status : Work to be started after land acquisition.	Work is in progress
2	OSRP-CW-Y1-P02	RWSS Division, Bhadrak	- do -	Tihidi, Pirahat, Bhadrak, Matto, Banta, Chandbali	61.24	55.00	Tube wells Affected = 124 nos Done =4 Pipe Line: Provision:8970mtr Status: Work started	Work is in delayed progress.
3	- do -	RWSS Division, Keonjhar	- do-	26/0 - 50/0Km of SH-53	23.26	23.26	Tube Well Affected=26nos Done=nil Pipe line: Provisions:2550m - Work not started.	-do-
4	OSRP-CW-Y1-P01	Kalahandi RWSS Division, Bhawanipatna	- do-	20.0Km-21.0Km	11.67	11.67	Tube wells Affected= 23nos Done=18nos Pipe lines: Provision:1250M Status: Work not started.	-do-
5	- do -	Bolangir RWSS Division, Bolangir	- do-	46/40Km-50/0Km.	69.67	69.67	Tube wells Affected=16 nos Done = nil Stand posts=5 nos Done = nil Pipelines: Provisions : 3700 mtr. Status : Work not started.	Work is in progress
6	- do -	Nuapada RWSS Division, Nuapada	- do -	59/300Km-63/0Km.	42.94	40.00	Tube wells Affected=13 nos Done = 9 Pipelines: Provisions : 3700 mtr. Status : Work completed =3000mtr.	-do-
			<b>TOTAL =</b>		<b>270.32</b>	<b>254.6</b>		



**Progress Report of Utility shifting by Electrical Agencies**

Sl. No.	Package	Name of Division	Name of the Work	Amount Deposited Rs. lakh	Physical Progress	Remarks
1	OSRP-CW-Y1-P03	GED - I, Berhampur	SH - 17	25.00	To be shifted: Nos of Poles=687 Transformers= 25 Shifted: Poles =368 Transformers = 17	
2		SOUTHCO	SH - 17	12.00		
3	OSRP-CW-Y1-P02	GED -II, Cuttack	SH-53	5.46	To be shifted : Poles=27 Transformers=03 nos Shifted: Poles =nil Transformers = nil <b>Estimate pending(0-12,17-21&amp;36-50kms)</b>	
6	- do -	- DO-	SH-53	16.93		
4	- do -	- DO -	SH-9	22.06	To be shifted : Poles=121 Transformers=03 nos Shifted : Poles =nil Transformers = nil <b>Estimate required(0-2,10-31&amp;43-45kms)</b>	
5	OSRP-CW-Y1-P01	- DO-	SH-9	50.00		
7	- do -	GED - IV	SH-16	36.00	To be shifted : Poles=128 Transformers = 05 Shifted Poles =43 Transformers = 03	
8	- do -	WESCO, Burla	SH-16	1.51		
			<b>TOTAL =</b>	<b>168.96</b>		

**Progress Report of Utility shifting in YEAR II Roads**

Sl. No.	Package	Name of Division	Name of the Work	Locations	A.A Amount Rs. lakh	Amount Deposited Rs. lakh	Physical Progress	Remarks
1	OSRP-CW-Y2-P06	P.H. Division No, Baripada	Shifting of Water Supply/Tube Wells/Stand Post	Chandbali Town	122.37	122.37	Provisions: Pipelines shifting 8000mtr . Status : Work wil start after land acquisition. Tube Well :Affected:2 Nos Done : Nil Stand Posts : 7 Nos Done : Nil	
2	-do-	Cuttack P.H. Division No-I, Cuttack	Sinking of 2 nos 100 mm dia I.M. II. H.P. tube well	Golei Chhak, Jagatpur	1.334	1.33	Tube Well :2 Nos Done : Nil	
3	-do-	P.H. Division No-II, Cuttack	Laying of 250mm dia C.I.pipe line	Tinimuahani Chhak to Bharat Petrol Pump, Kendrapara	34.38	34.38	Provisions: Pipelines shifting 1000mtr . Status : Work wil start after land acquisition. Tube Well :Affected:2 Nos Done : Nil	
						<b>158.08</b>		
4	OSRP-CW-Y2-P06	R.W.S & S Division, Cuttack	Shifting of tube wells and pipe lines	NischintaKoiil Block Area.	23.146	23.15	Tube wells Affected =16 nos Done = Nil Pipe Line : Provisions:5400 mtr - Status: Work not started.	
5	-do-	- DO -	Shifting of tube wells and pipe lines	Salipur Block Area	23.684	23.68	Tube wells Affected =18 nos Done = Nil Pipe Line: Provisions: =3200 mtr - Status: Work not started.	
6	-do-	R.W.S & S Division, Kendrapara	Shifting of Tube wells and PVC pipe lines	Kendrapara Block Area	83.704	83.70	Tube wells Affected = 46 nos Done = Nil Pipe Line Provisions:7780mtr - Status: Work not started.	
						<b>130.53</b>		

**FINANCIAL STATUS OF YEAR-I PROJECTS:**

(Rs in Lakhs)

Sl.	Particulars	Project Estimate	Expenditure till April-2010	Annual Plan 2010-11	Expenditure during 2009-10
1	Civil Works	122898.76	4334.25	9000	191.80
2	Consultancy Services	10966.58	436.01	550	198.79
3	Land Acquisition	1466.24	2835.97	1000	546.20
4	Rehabilitation & Resettlement	2750.36	0	430	-
5	Forest Clearance	694.84	0	100	-
6	Utility Shifting	2120.48	1623.71	400	184.93
7	Operating Cost, Contingency, PPP T A, DPR etc.	2222.12	1049.09	3280	90.44
	TOTAL	143119.38	10279.03	14760	
	<b>G. Total</b>	<b>143119.38</b>	10279.03	14760	<b>1212.16</b>

**Project Costs and Contingencies Current Likely Cost**

Sl No	Project Costs by Components	Total Project Cost (in Million USD)	Total Project Cost (in Million INR ) (INR at Rs.42.80 = 1 US \$)	Expenditure as at April 2010 (In Lakhs INR)	Likely Cost of Completion in Million INR	Remarks
A	ROAD IMPROVEMENT ( Phase-I & Phase-II Roads CWs, Supervision , LA & Utility Shifting )	303.29	12980.81	922.994	NA	Can't be assessed at this stage.
B	PPP ENABLING , INSTITUTIONAL DEVELOPMENT , IMPLEMENTATION SUPPORT	17.95	768.26	104.909	NA	-do-
	Total	<b>321.87</b>	<b>13776.04</b>	<b>1027.903</b>	<b>NA</b>	
	Front-end fee	0.63	26.964	--		
	<b>Total Financing Required</b>	<b>322.50</b>	<b>13803.00</b>	<b>1027.903</b>		

ORGANISATION SET-UP OF P.M.U

