



WORLD BANK



**CONSULTANCY SERVICES FOR
CONSTRUCTION SUPERVISION OF 1ST YEAR
ROADS (BALANCE WORK) OF ODISHA
STATE ROADS PROJECTS, ODISHA**

**MONTHLY PROGRESS REPORT
REPORT - 8**

SUBMITTED TO
ODISHA STATE ROADS PROJECTS, ODISHA

PREPARED BY



MSV INTERNATIONAL INC., USA

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MONTHLY PROGRESS REPORT

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MSV INTERNATIONAL, INC. USA

EXECUTIVE SUMMARY



EXECUTIVE SUMMARY

INTRODUCTION

The State Government of Orissa through Government of India has received a loan of about US\$250 million equivalent from the International Bank for Reconstruction and Development (World Bank) towards the cost of the proposed Orissa State Roads Project (OSRP). This project is proposed for implementation in two phases. In Phase 1, 204 km of State roads are proposed for rehabilitation through the following three packages

1. Package OSRP-CW-ICB-Y1-01 Bhawanipatna- Khariar SH 16 (km. 2/0 to km 70/0)
2. Package OSRP-CW-ICB-Y1-02 Bhadrak – Chandbali SH 9 (km 0/0 to km 45/0)
and Bhadrak-Anandpur SH (km. 0/0to km 50/0)
3. Package OSRP-CW-ICB-Y1-03 Berhampur – Taptapani SH 17 (km.0/0 to km 41/0)

The executing agency Orissa Works Department (OWD) has established a Project Management Unit (PMU) exclusively to be in-charge of the Orissa

State Roads Project. The PMU is headed by Chief Engineer, World Bank Projects, Orissa assisted by appropriate professional and support staff

Earlier SMEC (INDIA) PVT.LTD was working as Supervision Consultant. After the termination of their contract, MSV International Inc. USA & UPHAM International Corporation has been appointed as the Supervision Consultant. The duration of the Supervision Consultant services for the balance work under Phase-1 is now estimated for 16-19 months of construction period plus 12 months of defect liability period

The civil works for the above corridors consist mainly of strengthening and widening of the existing single or intermediate-lane width to double lane width with paved/ soft shoulders. The work also includes construction, rehabilitation and replacement of a number of cross drainage structures including minor bridges, culverts and roadside drains. Provision concerning road safety such as sidewalks, pedestrian crossings, parking etc with social & environmental safeguards has also been included for certain road stretches of the road.

PROJECT CONSTRUCTION STATUS

The present status of each package is presented below:

Package PO 1 Bhawanipatna- Khariar SH 16 (km. 2/0 to km 70/0)



This package has been awarded to M/s Patel-ARSS JV. Order to commence the work was given on 20th February 2009 with a completion period of 30 months through 3 Milestones. Extension of Time (EOT) has been granted up to 28.10.2013 for the completion of whole work and up to 28.02.2012 and 28.12.2012 for first and second milestones respectively. The EOT was granted due to delay in handing over hindrance free site.

Against the total contract price of Rs.105.51crore, work worth Rs.32.63 crore (Rs 36.26 crores including price escalation) i.e. 31% of contract price has been carried out. The overall Physical Progress of the work is 31% and that for Milestone I, II and III is 70%, 19% and 3% respectively. Since February 2012, the construction progress is almost negligible.

The Contractor had almost stopped any major construction activity since March 2012 but has now restarted but at a very slow pace. Due to poor management of resources, planning and manpower, the Employer has imposed penalty for delay damage in terms of contract agreement. The Contractor is aggrieved on this account and filed a writ petition in Odisha High Court. The High Court has now directed the Contractor to approach Dispute Board for settlement and accordingly the matter has been taken up with the Dispute Board. Another petition has been filed by the Contractor in the District Court requesting for suitable direction to the employer not to en-cash the Bank Guarantees.

The construction work is suffering because of the non-participation of Lead Partner, mismanagement of contract, non availability of resource based work programme, non availability of experienced key professionals etc. The construction activities are being closely monitored and failing to achieve any appreciable improvement, suitable action as per the terms and condition of the contract agreement is contemplated against the Contractor.

Due to very poor progress of work, the contract has now been terminated on 21.11.2012

Package PO 2 Bhadrak – Chandbali SH 9 (km 0/0 to km 45/0) and Bhadrak-Anandpur SH 53 (km. 0/0to km 50/0)

This package has been awarded to M/s SOMDATT BUILDERS-ARSS-JV Infrastructure Limited. Order to commence the work was given on 3rd February 2009 with a completion period of 30 months incorporating milestones 1, 2 and 3 comprising lengths



of 30 km, 33km and 32 km respectively to be completed in 10 months, 20 months and 30 months

respectively. Due to delay in handing over hindrance free site, the time of extension (EOT) has been granted up to 28.05.2013 for completion of the full project. However the target dates for completion of milestone 1 and 2 were fixed as 28.02.2012 and 28.07.2012 respectively.

Against the total contract price of Rs 216.23 crores, the contractor has far carried out work worth Rs 36.99cores (17.11 % of total cost). The physical progress of overall work is 28% and that for Milestone 1 about 56 %. Since February 2012, the construction activities are almost abandoned by the contractor and there is not even single personnel of the contractor available at site. It appears that the Contractor due to some internal problem is not interested in further carrying out the work. Due to very poor progress of work, delay damage penalty has been imposed on the Contractor in terms of the contract agreement. The contractor is feeling aggrieved on account of this act and has preferred a Civil Petition in the Odisha High Court. Odisha High Court has now directed the Contractor to approach Dispute Board for settlement. The Contractor has accordingly taken up the matter the Dispute Board Another petition has been filed by the Contractor in the District Court requesting for suitable direction to the employer not to en-cash the Bank Guarantees.

The maintenance of the road had gone alarmingly poor and unsafe for vehicular movement since February 2012, when the contractor abandoned the work. Therefore, the employer has made alternate arrangement for maintaining the road through other agencies. Since the work stands abandoned and there appears no hope of revival of construction activities by the Contractor, necessary action against the Contractor in terms of the Contract Agreement is being contemplated.

Due to very poor progress of work, the contract has now been terminated on 21.11.2012

Package No 3. Berhampur – Taptapani SH 17 (km. 0/0 to km 41/0)

This package was awarded to M/s Backbone-ARSS-JV. Order to commence the work was given on 22.08.2008 with a completion period of 30 months incorporating milestones 1, 2 and 3 to be completed in 10 months, 20 months and 30 months respectively. Due to delay in handing over hindrance free site, the time of extension (EOT) has been granted



up to 21.10.2012 for completion of the full project. However the target dates for completion of milestone 1 and 2 were fixed as 31.05.2010 and 28.02.2012 respectively.

Against the total contract cost of Rs 81.97 crores, the contractor carried out work worth Rs 14.95cores (18 % of total cost). The physical progress of overall work is 10.6%. Due to contractual requirements, the contract has been terminated on 15.09.2011. Bids for balance work have since been received and finalized. The work is being awarded..

The maintenance work of the road is presently being carried out by Executive Engineer Ganjam (R&B) Division No.1.Reaches requiring maintenance have been indentified and submitted to PMU for further action

SUPERVISION CONSULTANT'S ACTIVITIES

On the project, the Supervision Consultant has mobilized various staff at different sites as per the requirement intimated by the Employer. The detailed position of the staff deployed at various offices vis- a- vis contract agreement is brought out in Section XII.

It has been noticed that some activity is being undertaken by the contractual agency and the work has been started in Package PO1 Khariar, but in PO2 Bhadrak sites work is almost standstill. Further in Package PO3. Berhampur site, the construction contract already stands terminated. Therefore, in view of the present circumstances, minimum staff has been deployed by SC on site as per the direction of the employer.

KEY IMPLEMENTATION ISSUES

The following are the key implementation issues which need to be resolved / solved.

- * Package 1 and 2-Contractor's indifferent attitude towards project completion i.e. lack of planning, non submission of resource based work programme, slow work progress, failure of the lead partner, cash flow problem, lack of experienced key personnel, frequent breakdown of hot mix plant etc.
- * Decentralization of power and inconsistency in the tasks assigned to various professionals.
- * Appointment of Contract Specialist for handling the large number of court and dispute cases



INTRODUCTION



SECTION - I

INTRODUCTION

1.1 PROJECT BACKGROUND

The Government of Odisha is committed to improve the infrastructure in the State for providing better and efficient connectivity with a good network of roads for the economic and social uplift of the people. Some State Highway with inadequate capacity and poor riding qualities are proposed for improvement with the assistance of World Bank. The State Government through Government of India has received a loan of about US\$250 million equivalent from the International Bank for Reconstruction and Development (World Bank) towards the cost of the proposed Orissa State Roads Project (OSRP).

The executing agency for the Orissa State Roads Project is the Orissa Works Department (OWD). The OWD has established a Project Management Unit (PMU) exclusively to be in-charge of the Orissa State Roads Project. The PMU is headed by the Chief Engineer, World Bank Projects, Orissa assisted by appropriate professional and support staff.

The OWD had engaged a Consultant for preparation of the Detailed Project Report for the 461 Km roads covered under OSRP. The Civil Works for approximately 204 Km of roads through three contract packages as explained below out of the total 461 Km had already commenced since early 2009 under Phase-1 programme of OSRP and the balance 257 Km of roads will be taken up for execution as Phase-2 programme. The Phase 1 comprises of three construction packages.

The supervision of the Phase-1 work was earlier carried-out through a Supervision Consultant. However, the services of the said Consultant engaged for Construction Supervision has been terminated in August, 2010. Thereafter, the supervision of the ongoing Phase-1 civil work was undertaken through an interim arrangement under the direct supervision of PMU. Now MSV International.Inc, have been appointed as the



Supervision Consultant since April 2012.

The details of the contract packages along with approximate period of construction for the balance works for the new Construction Supervision Consultant (CSC) are as follows:

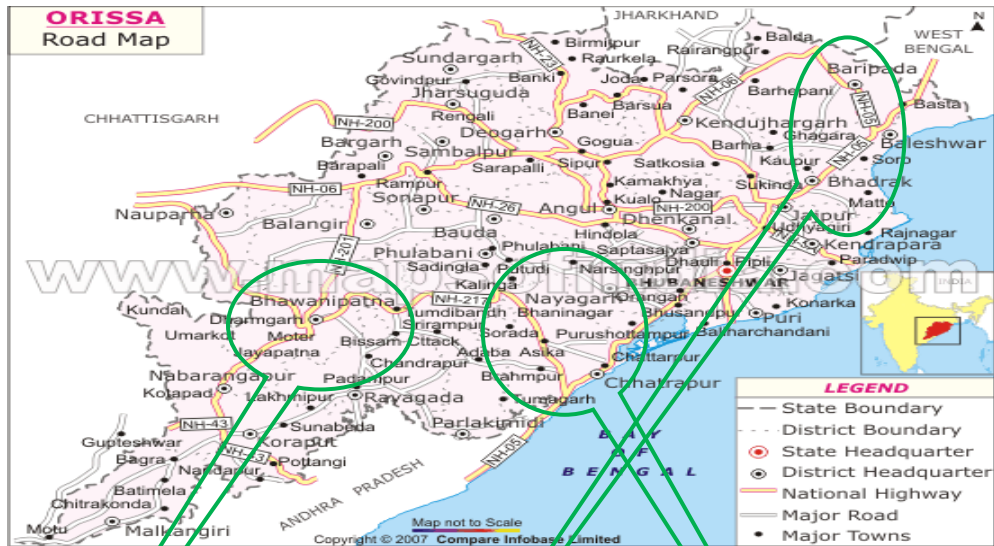
Sr. No.	Package No.	Name of the Road Corridor	Approx. Length in Km	Period of Construction
1	OSRP-CW-ICB-Y1-01	Bhawanipatna- Khariar (SH 16) [Km. 2/0 – 70/0]	68 km	19
2	OSRP-CW-ICB-Y1-02	Bhadrak – Chandbali (SH 9) [Km. 0/0 – 45/0] and Bhadrak-Anandpur (SH 53) [Km. 0/0 – 50/0]	95 km [45 km +50 km]	19
3	OSRP-CW-ICB-Y1-03	Berhampur – Taptapani (SH 17) [Km. 0/0 – 41/0]	41 km	16
TOTAL			204 kms	

The duration of the Supervision Consultant services for the balance work under Phase-1 is now estimated for 16-19 months of construction period plus 12 months for defect liability period. The project location map is given in Fig.1.1



PROJECT LOCATION MAP

Fig.1



Package P01

Package P02

Package P03

Bhawanipatna - Khariar Road

Bhadrak-chamndabali & Bhadrak- Anandapur Road

Berhampur - Taptapani Road





The civil works for the above corridors consist mainly of strengthening and widening of the existing single or intermediate-lane width to double lane width with paved/soft shoulders along with reconstruction / rehabilitation of cross drainage works including roadside drains. Some road stretches are also proposed to be provided with safety provision such as sidewalks, pedestrian crossings, parking etc with necessary social & environmental safeguards.

1.2 PROJECT LOAN SUMMARY

Project	: Odisha State Roads Project
Funding Pattern	: Loan from World Bank plus State share
Loan No	: 7577-IN
Loan Amount	: US \$ 250 million
Date of Agreement	: 27.01.2009
Loan Closing Date	: 31.12.2014
Borrower	: Government of India.
Implementing Entity	: State of Odisha.

1.3 PROJECT STAKEHOLDERS

The different stakeholders in executing the project are the Employer, Engineer, and the Contractor, apart from the World Bank. The details of the different entities are given below.

Employer:

Chief Engineer World Bank Projects

On behalf of Works Department, Government of Odisha

Bhubaneswar.

Engineer:

MSV International Inc. USA & UPHAM International Corporation is the Supervision Consultant. They are assisted by three Resident Engineers and a Team Leader cum Project Coordinator besides other key / supporting personnel to supervise the highway, bridge &



cross drainage (CD) works, quality monitoring and quantity survey. The Team Leader is the designated Engineer for the purpose of Construction Contracts.

1.4 CONSTRUCTION PACKAGES

There are three Civil Works Contract packages of Phase-I. The details are as under:-

1. Package No. OSRP-CW-ICB-Y1-01 (P01)) Bhawanipatna –Khariar Road, SH-16 (Km 2/0 to 70/0)

The work involves widening and strengthening of existing 3.5m wide carriageway to 2 lane carriageway from Bhawanipatna to Khariar (2/0 Km to 70/0 Km of SH-16) Bhawanipatana to Khariar (SH-16) is an existing single/intermediate lane road falling in Kalahandi, Nuapada & Bolangir District of Odisha. The construction works involves upgrading the existing road to two lane standard. The construction details are given in Section 2

M/s Patel-ARSS-JV Infrastructure Ltd. is the construction Contractor for this package. The date of commencement of work is 20th Feb 2009 with a completion period of 30 months. Due to delay in handing over hindrance free site, time extension for completion of work has been granted up to 28.10.2013. The Contractor had almost stopped the work since February 2012 but now has now again taken up the work but at a very slow pace. So far the cumulative progress achieved by the contractor is about 31%. Due to poor progress, the contract has now been terminated.

2. Package No. OSRP-CW-ICB-Y1-02 (P02) Bhadrak–Chandbali SH-9 (Km 0/0 to 45/0) and Bhadrak – Anandpur Road, SH 53 (Km 0/0 to 50/0)

This package consists of two roads i.e. Bhadrak to Chandabali (km 0/0 to km 45/0 of SH-9) and Bhadrak to Anandapur (km 0/0 to km 42/200 of SH-53) which are located in Bhadrak and Keonjhar districts. The road stretch of Bhadrak-Chandabali starts at Bhadrak (km 0/0) and ends at Chandabali (km 45/0). Bhadrak-Anandapur stretch starts from 4-lane Kolkata-Chennai highway (NH-5) at its chainage km 155/0 and ends at Anandapur (km 50/0).The Chandabali-Bhadrak-Anandapur stretch traverses through plain terrain and has mostly flat gradients with good geometry. The existing road carriageway is of single/intermediate lane. The construction works involves upgrading the existing road to two lane standard. The construction details are given in Section 2.

M/s Somdatt Builders - ARSS-JV Infrastructure Ltd. is the construction Contractor for this package. The date of commencement of work is 3rd Feb. 2009 with a completion



period of 30 months. Due to delay in handing over hindrance free site, time extension for completion of work has been granted up to 28.05.2013. The Contractor has almost abandoned the work since February 2012. The up to date cumulative progress achieved by the Contractor is about 28%. Due to poor progress, the contract has now been terminated.

3. Package No. OSRP-CW-ICB-Y1-03 (P03) Berhampur – Taptapani Road, SH 17 (Km 0/0 to 41/0)

This package consists of widening and strengthening of the existing road stretch between Berhampur and Taptapani foothill, i.e. from km 0/000 to 41/000 of SH-17. This stretch of road takes off from NH-217 at 483/8-9 km near Berhampur. The road traverses mostly through plains and has mostly flat gradients, but with poor geometry. The existing carriageway width is 7m / 5.5 m / 3.5 m. No major re-alignment of the road section has been proposed; thereby restricting land acquisition to a minimum level. The construction works involves upgrading the existing road to two lane standard. The construction details are given in Section 2

M/s Backbone-ARSS JV was the construction Contractor. The date of entering into the agreement was 05.09.2008 with a completion period of 24 months. The contract agreement stands terminated on 16.09.2011. Bids for the remaining work have been called and are under evaluation. The total progress of the work so far executed is 10.6%.

1.5 SUPERVISION CONSULTANT

The construction supervision works of 1st Year Roads (Balance Work) of Odisha State Roads Projects has now been awarded to MSV International, Inc. USA, having its registered office at D-7, South City–1, Gurgaon–122002, Haryana, in joint venture with Upham International Corporation.. The consultancy agreement has been executed on 12th March, 2012. The duration of the Supervision Consultant services for the balance work under Phase 1 is estimated for 16-19 months of construction period plus 12 months of defect liability period.



PROJECT DETAILS





SECTION - II

PROJECT DETAILS

2.1 CHARACTERISTICS OF PROJECT CORRIDORS

The project corridor consists of various State Highways of Odisha state i.e. State Highway no.-16 (Bhawanipatna-Khariar), State Highway no.-9 (Bhadrak-Chandbali), State Highway no.-53 (Bhadrak-Anandpur) and State Highway no.-17 (Berhampur-Taptapani). These State Highways connect important districts of Odisha state as well as provide direct connectivity to National Highways No. 5, 201 and 217. The characteristics of all the three Packages are as under:-

2.2 PACKAGEWISE DETAILS

2.2.1. Package No. OSRP-CW-ICB-Y1-01 (P01) Bhawanipatna –Khariar Road, SH-16 (Km 2/0 to 70/0)

This corridor with a total length of 70 Km is located in the South Western part of Orissa. It takes off from NH-201 at km 140/0 and terminates on km 355/0 on NH-217 at Khariar. The road passes through Kalahandi district and Nuapada district. This area experiences rainfall of average 900mm to 1200mm per annum and bulk of the rainfall occurs during the monsoons in June to October. Highest temperature in the area during March to May is 47 degree Celsius and the temperature dips to the lowest of 6 degree Celsius during winter season. This road passes through the towns of Bhawanipatna and Khariar. Bhawanipatana is the district head quarter of Kalahandi district. Major River in the area is river Tel, which crosses the project road at 29th Km and river under at 59th km. The work involves construction of:

- Construction of 7.0m wide paved roads with 2.5m wide earthen shoulders.
- Reconstruction of 11 bridges, 53. Hume pipe and 66 box type culverts.
- Rehabilitation of 8 bridges.
- Construction of associated works like bus lay byes, drainage/ protection works



- Providing traffic safety features, road signage's, road markings, environmental mitigation measures etc.

Crust Detail: The crust to be built in the entire length of 68 km is as follows:

Sr. No.	Crust Layer	Thickness (mm)
1	BC	40 mm
2	DBM	75/50 mm
3	WMM	250 mm
4	GSB	200 mm
5	Sub-grade	500 mm

Structures: List of structures to be constructed is given hereunder:

S. No.	Type of Structure	Total Numbers
1	Minor Bridges (New Construction)	11
	Minor Bridges (Repair/Rehabilitation)	08
2	H.P Culverts	53
3	RCC Box Culverts	66

M/s Patel-ARSS-JV Infrastructure Ltd. has been awarded the contract for this package.

The salient contract details are given below:

Name of contractor	: M/s Patel-ARSS-JV Infrastructure Ltd.
Agreement no.	: 05/ 2008-2009
Contract amount	: Rs.1, 055,139,120.00/-
Date of commencement	: 20 th Feb' 2009
Stipulated Construction Period	: Originally 30 Months but now extended up to 28 th Oct 2013 with Milestone wise completion scheduled as given below.



Mile stone	Section (As Per contract)	Revised Milestone	Completion Date as per Contract	Revised Completion date
I. (28.0 km)	Km.18 /000- Km.46 /000	Km. 35/000 - Km. 67/000 (Except 3.5 Km. having hindrances) = 28.5 Km	20-Dec-2009	28.02.2012
II. (24.0 km)	Km.46 /000- Km.70 /000	Km. 67/000 – Km.70/000 Km. 30/000 – Km.35/000 & Km.9/000 – Km.27/000 (Except 2.0 km in built up area) = 24Km	20-Oct-2010	28.12.2012
III. (16.0 km)	Km.02 /000- Km.18 /000	Km. 2/000 – Km. 9/000 Km.27/000 – Km.30/000 & 5.5 Km. of MS-I & MS-II = 15.5 Km	20-Aug-2011	28.10.2013

2.2.2 Package No. OSRP-CW-ICB-Y1-02-P02

A. Bhadrak–Chandbali SH-9 (Km 0/0 to 45/0)

This road located in the Eastern part of Orissa. It takes off from NH-5 at km 155/0 and terminates at km 52.600 on SH -9 at Chandbali after river Baitarani. The total length of the road is 52.6 km and in the project corridor 45 km of the length from Bhadrak has been considered for improvement under year-1. The road passes through Bhadrak district. This road is located in the

Mahanadi Delta area and the major river located at Chandbali is river Baitarani. The terrain is plain and the drop in level in the entire 45 km is about 9 m. This road suffers from inundation during rainy season as many stretches are having level lower than the high Water Level. This area experiences rainfall of average 1200 mm to 1500 mm per annum and bulk of the rainfall occurs during the monsoon period June to October. Highest temperature in the area during, March to May is 45 degree Celsius and the temperature dips to the lowest of 10 degree Celsius during winter season. This road



passes through Bhadrak; the district head quarter and villages/semi urban area Tihidi and Motto.

B. Bhadrak – Anandpur Road, SH 53 (Km 0/0 to 50/0)

This road takes off from NH 5 at km 155/0 near Bhadrak. This road is having a total length of 57 km, but in the year-1, improvement of first 50 km has been considered. The road passes through Bhadrak district and Keonjhar district. This area experiences rainfall of average 1200 to 1500mm per annum and bulk of the rainfall occurs during monsoon period June to October. Highest temperature in the area during, March to May is 45 degree Celsius and the temperature dips to the lowest of 8 degree Celsius during winter season. This road passes through Villages /

semi urban area Bhadrak, Barapada, Bonth, Basantia, Hatadihi and Anandpur.

The existing road carriageway of both the roads is of single/intermediate lane. The construction works involves:-

- Construction of 7m/10m wide paved roads with 2.5m/1m wide earthen shoulders..
- Reconstruction of 43 bridges, 68 hume pipe culverts and 104. of box/slab culverts.
- Rehabilitation of 10 bridges
- Construction of associated works like bus lay byes, toll plaza and drainage/ protection works,
- Providing traffic safety features, road signage's, road markings, Environmental mitigation measures etc.

Crust Detail (Flexible): The crust layers to be built in the entire length of 88.7 km is as follows:

Sr. No.	Items	Thickness
1	BC	40 mm
2	DBM	75/50 mm
3	WMM	250 mm
4	GSB	200 mm
5	Sub-grade	500 mm

Crust Detail (Rigid): The crust layers to be built in the 6.3 km length is as follows

Sr. No.	Items	Thickness
1	PQC	300 mm
2	DLC	150 mm



3	GSB	150 mm
4	Sub-grade	500 mm

Structures: List of structures to be constructed is given hereunder:

Sr. No.	Type of Structure	Total Numbers
1	Minor Bridges (New Construction)	43
	Minor Bridges (Repair / Rehabilitation)	10
2	H.P Culverts	68
3	RCC Box Culverts/RCC Slab Culverts	104

Contract Details

M/s SOMDATT BUILDERS-ARSS-JV Infrastructure Ltd. has been awarded the contract for this package. The salient contract details are:

Name of contractor	: M/s Somdutt Builders-ARSS-JV Infrastructure Ltd.
Agreement no.	: 04/ 2008-2009
Contract amount	: Rs.216, 23, 17,622.00
Date of commencement	: 03 rd Feb' 2009
Stipulated completion period	: 30 months but now extended up to 28 th .05.2013 with

Milestone wise completion as detailed below:

Milestone	Section (As Per Contract)	Revised section as per C.E	Completion date as per contract	EOT granted
I (34.700 km)	Km. 0/0 to Km. 10/0 of SH-9 And Km. 25/0 to Km. 45/0 of SH-9	Km 2.00-3.200, Km. 3.300-3.800, Km. 3.890-6.000, Km. 6.100-6.450, Km. 6.600-9.140, Km. 9.270-9.550, Km. 10.260-11.350, Km. 12.930-14.120, Km. 14.200-15.700 of SH – 09 And Km 4.600-8.000, Km.8.500-11.000, Km.12.000-17.000,Km. 21.000-24.100, Km. 24.200-27.100,Km. 27.200-28.700,Km. 30.200-30.900, Km. 32.500 -	02.12.2009	28.02.2012



Milestone	Section (As Per Contract)	Revised section as per C.E	Completion date as per contract	EOT granted
		33.000,Km. 34.950-39.600 of SH – 53		
II (28.500 km)	Km. 10/0 to Km. 25/0 of SH-9 And Km. 27/0 to Km. 45/0 of SH-53	Km. 6.450-6.600, Km. 9.140-9.250,Km. 9.600-9.900, Km. 10.100-10.260,Km. 15.700-16.500, Km. 17.500-20.100, Km. 21.600-24.400, Km. 25.000 -25.800,Km. 26.400-31.200, Km. 32.500-32.900, Km. 33.200-37.000, Km. 38.000-39.000,Km. 40.000-41.700, Km. 42.500-44.600 of SH – 09 And Km. 0.100-2.700,Km. 8.000-8.500,Km. 17.700-18.800,Km. 29.800-30.100, Km. 30.900-32.000,Km. 39.600-40.000 of SH 53	02-Sept-2010	28.07.2012
III (25.900 km)	Km 0/0 to Km 27/0 and km 45/0 to Km 50/0 of SH-53	Km. 0.000-2.000, Km. 3.200-3.300,Km. 3.800-3.890, Km. 6.000-6.100,Km. 9.250-9.270, Km. 9.550-9.600,Km. 9.900-10.100, Km. 11.350-12.930, Km. 14.120-14.200, Km. 16.500-17.500,Km. 20.100-21.600, Km. 24.400-25.000,Km. 25.800-26.400, Km. 31.200-32.500, Km. 32.900-33.200, Km. 37.000-38.000,Km. 39.000-40.000, Km. 41.700-42.500,Km. 44.600-45.000 of SH – 09 And Km. 3.300-4.600, Km. 11.000-12.000,Km. 17.000-17.700, Km. 18.800-21.000,Km. 24.100-24.200, Km. 27.100-27.200, Km. 28.700-29.800, Km. 30.100-30.200,Km. 32.000-32.500, Km. 33.000-34.950,Km. 40.000-42.500 of SH – 53	02-Aug-2011	28.05.2013



2.2.3. Package No. OSRP-CW-ICB-Y1-03-P03 Berhampur–Tatpapani, SH-17 (Km 0/0 to 41/0)

This road is located in the south-eastern part of Odisha and takes off from NH-217 at 18th km near Berhampur. Berhampur, a principal commercial town of south Orissa, is located at about 8 km from Bay of Bengal. The total length of the road is from Berhampur to Bhangi is 150 km, but in the year-1, improvement of 41 km has been considered. The terrain is predominantly plain and villages are closely located from km 0/0 to 27/0. The stretch of road is located in Ganjam district. This area experiences rainfall of average 1500mm per annum and bulk of the rainfall occurs during monsoon period June to October. Highest temperature in the area during, March to May is 40 degree Celsius and the temperature dips to the lowest of 10 degree Celsius during winter season. This project stretch passes through Berhampur, Digapahandi, and other villages/semi urban area. Principal River in the area is river Malabhanja, which crosses the project road at 28/600 km near Digapahandi. The construction works involves:-

- Construction of 7m/10m wide paved roads with 2.5m/1m wide earthen shoulders.
- Reconstruction of 1 bridge (completed except protection works) and rehabilitation of 8 bridges
- Construction of 124 culverts (65 pipe culverts and 59 box culvert)
- Construction of associated works like bus lay byes, toll plaza and drainage / protection works
- Providing traffic safety features, road signage's, road markings, environmental mitigation measures etc.

Contract Details

This package was awarded to M/s Backbone-ARSS-JV. Order to commence the work was given on 22.08.2008 with a completion period of 24 months incorporating milestones 1, 2 and 3 to be completed in 10 months, 20 months and 30 months respectively. Due to delay in handing over hindrance free site, the time of extension (EOT) has been granted up to 21.10.2012. But the contract stands terminated now. For completing the balance work, bids have been called and received and are under evaluation.



CONSTRUCTION PROGRAMME



SECTION - III

CONSTRUCTION PROGRAMME

3.1 CONSTRUCTION PROGRAMME

The construction activities in package PO1 were restarted recently but at a very slow pace and those in package PO2 were almost at standstill since February 2012. Due to very poor progress of work on both the packages, the contracts have now been terminated on 21.11.2012. The Contractors were asked to attend the office of Resident Engineers for taking the final measurements but none of them have attended. Copies of termination orders are exhibited in Annexure B

Regarding PO3 contract, the new contract is likely to be awarded shortly.

3.2 CONTRACTORS MAN POWER AT SITE:

None of the contractor's personnel are available in all the three packages since the contracts stands terminated,



IV

PHYSICAL & FINANCIAL PROGRES





SECTION - IV

PHYSICAL & FINANCIAL PROGRESS

4.1 PHYSICAL PROGRESS

Package wise physical progress is stated below:

4.1.1 Package OP1 P01 Bhawanipatna –Khariar Road, SH-16 (Km 2/0 to 70/0)

Status in terms of road length:

Sr. No.	Item of Works	Total length (km)	Length completed up to October - 2012 (km)	Length completed during November 2012 (km)	Remark
1	Embankment	68	43.381	0.6	
2	Sub grade/Shoulders	68	45.256	0.3	
3	GSB	68	40.255	1.27	
4	WMM	68	37.375	1.33	
5	DBM	68	31.545	0.85	
6	BC	68	6.913	0	

Status of the major Items of Road works:

Sr. No.	Item of Work	Unit	BOQ Quantity	Qty. executed up to October- 2012	Qty. executed during the month of November- 2012
1	Excavation	cum	465161	149855	1333
2	Embankment /Sub grade	cum	1063582	580830	7925
3	GSB	cum	201749	102206	2972
4	WMM	cum	134119	66781	2392
5	DBM	cum	31896	9936	165
6	BC	cum	20432	1212	0



Status of Cross Drainage work:

A. Bridges:

Sr. No.	Location of Bridge	Present status	Remarks
	New construction		During Oct.2012 no substantial work has been done.
1	8+600	Work not started	
2	10+500	Work not started	
3	13+750	Work not started	
4	17+120	Work not started	
5	21+000	Work not started	
6	27+800	Work not started	
7	28+400	Work not started	
8	45+992	Completed except Retaining wall, Railing, wearing coat & protection works.	
9	54+791	Slab completed.	
10	58+900	Sub Soil Exploration field work for Bore holes are completed.	
11	63+329	Sub Soil Exploration field work for Bore holes are completed.	Drawing not submitted for approval.
	Rehabilitation		
	9 bridges	Work not started	

B. Culverts:

Sr. No.	Type of CD	Required to be constructed	Completed in Numbers	In Progress	Remarks
1	HP Culvert	53	35	1	
2	Box Culvert	66	39	5	



Status of major items of bridges and culverts

Sr. No.	Item of Work	Unit	BOQ Qty.	Qty. executed up to October-2012	Qty. executed during November- 2012	Remarks
1	M15 Foundation & Substructure.	cum	9530	3568.494	208.383	
2	M20 Foundation & Substructure.	cum	13689	4105.674	198.453	
3	M25	cum	6698	8711.65	NIL	
4	M30	cum	3124	3519.359	NIL	
5	M35	cum	1787	NIL	NIL	
6	M40	cum	2184	2198.922	NIL	

Status on Maintenance

The routine maintenance of this road is generally being done by the Contractor since the beginning but the road safety measures like installation of informatory, cautionary signs, guide barriers etc are normally not found up to the mark. The following maintenance activities have been attended by the Contractor from June to October 2012.

Maintenance work done by contractor since June 2012 to October 2012

Date	From	To	Side	Length(m)	Remarks
28.06.12	02+000	15+000	BHS	13000	Pot-hole repairing
29.06.12	57+800	59+600	BHS	1800	Pot-hole repairing
29.06.12	68+000	70+000	BHS	2000	Pot-hole repairing
29.06.12	54+000	55+700	BHS	1700	Pot-hole repairing
29.06.12	15+000	18+500	BHS	3500	Pot-hole repairing
Total in month of June				22000	
02.07.12	10+000	18+500	BHS	8500	Pot-hole repairing
02.07.12	68+000	70+000	BHS	2000	Pot-hole repairing
03.07.12	57+800	59+500	BHS	1700	Pot-hole repairing
03.07.12	55+000	55+700	BHS	700	Pot-hole repairing
09.07.12	02+000	05+000	BHS	3000	Pot-hole repairing



09.07.12	27+000	29+000	BHS	2000	Pot-hole repairing
10.07.12	05+000	10+000	BHS	5000	Pot-hole repairing
18.07.12	02+000	04+000	BHS	2000	Pot-hole repairing
19.07.12	04+000	08+000	BHS	4000	Pot-hole repairing
20.07.12	08+000	12+000	BHS	4000	Pot-hole repairing
21.07.12	12+000	18+000	BHS	6000	Pot-hole repairing
22.07.12	68+000	70+000	BHS	2000	Pot-hole repairing
23.07.12	55+000	55+700	BHS	700	Pot-hole repairing
23.07.12	52+600	53+200	BHS	600	Pot-hole repairing
Total in month of July				42200	
03.08.12	02+000	10+000	BHS	8000	Pot-hole repairing
03.08.12	55+000	55+700	BHS	700	Pot-hole repairing
07.08.12	10+000	18+500	BHS	8500	Pot-hole repairing
09.08.12	27+000	30+400	BHS	3400	Pot-hole repairing
10.08.12	57+700	59+500	BHS	1800	Pot-hole repairing
10.08.12	02+000	05+000	BHS	3000	Pot-hole repairing
12.08.12	67+000	70+000	BHS	3000	Pot-hole repairing
12.08.12	55+000	55+700	BHS	700	Pot-hole repairing
Total in month of August				29100	
07.09.12	02+000	08+000	BHS	6000	Pot-hole repairing
07.09.12	27+000	30+400	BHS	3400	Pot-hole repairing
08.09.12	08+000	12+000	BHS	4000	Pot-hole repairing
08.09.12	57+700	59+500	BHS	1800	Pot-hole repairing
12.09.12	12+000	18+500	BHS	6500	Pot-hole repairing
Total in month of Sept				21700	
14.10.12	54+000	69+900	BHS	15900	Pot-hole repairing
Total in month of Oct				15900	

During the month of November no maintenance activity has been carried out by the Contractor. However, the reaches requiring maintenance have been indentified and the matter taken up with Executive Engineer PMU. A copy of the letter written in this respect is attached Annexure B 3.

4.1.2 P02- A. Bhadrak–Chandbali SH-9 (Km 0/0 to 45/0)

B. Bhadrak – Anandpur Road, SH 53 (Km 0/0 to 50/0)

There is no further progress in the construction activities than those reported in the October 2012 MPR. The up-to-date status is given below



Status in terms of road length

Sr. No.	Item of Works	Total length (km)	Length completed up to previous month (km)	Length completed during Nov. 2012 (km)
1	Embankment /Sub grade/ Shoulders	95.00	36.00	0
2	Subgrade	95.00	33.63	0
2	GSB	95.00	28.48	0
3	WMM	88.70	25.50	0
4	DBM	88.70	23.60	0
5	BC	88.70	12.090	0
6	DLC	6.30	0.37	0
7	PQC	6.30	0.28	0

Status in terms of major Items of Road works

Sr. No.	Item of Work	Unit	BOQ Quantity	Qty Executed up to 30 th April 2012	Qty. Executed During the November-2012
1	Excavation	cum	807823.00	19957.02	0
2	Embankment/ Sub grade	cum	1427934.00	443454.18	0
3	GSB	cum	193565.00	67694.76	0
4	WMM	cum	205385.00	42238.18	0
5	DBM	cum	50810.00	9459.36	0
6	BC	cum	30984.00	2581.76	0
7	DLC	cum	10722.00	287.25	0
8	PQC	cum	21286.00	440.11	0

Status of Cross Drainage work

1. Bridges

Sr. No.	Location of Bridge	Present status	Remarks
1	1+015	PCC Completed.	Sl.no 1 to 38 relates to SH-9 and s.no 39 to 43 relates to SH-53.No work has been done during October- 2012
2	1+755	Excavation done.	
3	3+241	Completed. Except crash barrier on return walls and approach slab.	
4	3+862	Completed. Except MS Pipe in hand rail and approach slab.	
5	9+159	Completed. Except crash barrier, approach slab and return walls.	
6	13+646	Completed.	



Sr. No.	Location of Bridge	Present status	Remarks
7	25+425	Work not yet started.	
8	27+925	Work not yet started.	
9	28+168	Work not yet started.	
10	28+500	Work not yet started.	
11	28+837	Work not yet started.	
12	28+900	Work not yet started.	
13	30+154	Work not yet started.	
14	31+050	Work not yet started.	
15	31+150	Work not yet started.	
16	32+100	Excavation done.	
17	32+380	Work not yet started.	
18	33+543	Work not yet started.	
19	33+907	Work not yet started.	
20	34+025	Work not yet started.	
21	34+375	Work not yet started.	
22	35+000	Slab Completed.	
23	35+090	Slab Completed.	
24	35+280	Work not yet started.	
25	35+340	Work not yet started.	
26	35+425	Work not yet started.	
27	35+510	Work not yet started.	
28	35+600	Work not yet started.	
29	35+680	Work not yet started.	
30	35+825	Work not yet started.	
31	35+900	Work not yet started.	
32	35+975	Work not yet started.	
33	36+040	Work not yet started.	
34	37+000	Work not yet started.	
35	37+850	Work not yet started.	
36	41+750	Work not yet started.	
37	42+487	Work not yet started.	
38	43+553	Work not yet started.	
39	10+016	Work not yet started.	
40	11+407	Work not yet started.	



Sr. No.	Location of Bridge	Present status	Remarks
41	17+275	Work not yet started.	
42	17+830	Work not yet started.	
43	37+573	Work not yet started.	

2. Culverts:

Sr. No.	Type of CD	Required be constructed	Completed in Numbers up to October- 2012	In Progress Work done during November- 2012
1	HP Culvert	68	49	0
2	Box Culvert/ Slab Culvert	104	21	0

3. Status of the major items of bridge and culverts:

Sr. No.	Item of Work	Unit	BOQ Qty.	Qty. Executed up to 31 st October- 2012	Qty. Executed during the month of November- 2012
1	M15 Foundation & Substructure.	cum	10854.00	3356.00	0
2	M20 Foundation & Substructure.	cum	15460.00	0.00	0
3	M25	cum	16670.00	2353.00	0
4	M30	cum	5444.00	39.11	0
5	M35	cum	6978.00	752.38	0
6	M40	cum	0.00	0.00	0

Status on Road Maintenance

The Contractor had been maintaining the road as per the contract requirement till Feb. 2012 but thereafter he completely stopped attending to it and even stopped the construction activities. He further demobilized his man and machinery from the construction site resulting in abandonment of the work. He was repeatedly reminded to maintain the road but of no avail and even informed the employer that he will not carry out any further maintenance activity. The employer having left



with no other option evoked GC sub. Cl. 7.6 of the contract agreement and there by carried out the emergent works through other agencies so as to keep the road in trafficable condition at Contractor's risk and cost. Accordingly, the department carried out the emergent works comprising surface dressing, pot hole repairs, edge protection, refilling the excavated portion etc on piece meal basis as per the site requirement and as detailed in the following Table up to October 2012.

1. SH-9 (Bhadrak to Chandibali)

Sl.No	Chainage		Work done by Contractor	Work done by PMU
	From	To		
1	0.000	0.250	No Work.	Pot hole repair
2	0.250	0.800	Deep cut	GSB and metalling done
3	0.800	1.015	GSB Completed.	Levelled the undulation from time to time
4	1.015		CD work left with bed PCC	Road made trafficable with provision of Hume Pipes
5	1.015	1.100	No Work.	Pot hole repair
6	1.100	1.700	GSB Completed.	Levelled the undulation from time to time
7	1.755		CD work left with excavation only.	Road made trafficable with provision of Hume Pipes
8	1.800	2.200	GSB Completed.	Levelled the undulation from time to time
9	2.200	3.150	BC Completed	-
10	3.241		CD work completed except approaches.	Approaches completed.
11	3.150	3.350	GSB Completed.	Levelled the undulation from time to time
12	3.350	5.605	DBM Completed.	-
13	5.605	5.615	WMM Completed.	Levelled the undulation from time to time
14	5.615	5.850	Sub grade done	Levelled the undulation from time to time
15	5.850	6.110	GSB Completed.	Levelled the undulation from time to time
16	6.100	6.400	DBM Completed.	Branch roads connected with CD works.
17	6.640	8.900	BC Completed.	-
18	8.900	8.950	GSB Completed.	Levelled the undulation from time to time
19	8.950	9.135	DBM Completed.	-
20	9.270	9.520	DBM Completed.	-
21	9.610	9.700	Deep cut	Deep cut filled up.
22	9.750	9.835	PQC Completed.	-



23	9.900	10.140	Deep cut	Deep cut filled up.
24	10.090	10.230	R/S PQC Completed.	-
25	10.230	10.260	GSB Completed.	Levelled the undulation from time to time
26	10.260	11.040	DBM Completed.	
27	11.040	11.160	GSB Completed.	Levelled the undulation from time to time
28	11.160	11.460	No Work.	Pot hole repair
29	11.430	11.530	Deep cut	Pot hole repair
30	11.535		CD work left incomplete	Diversion road completed with Hume Pipes.
31	11.540	12.920	No Work.	Pot hole repair
32	12.925	14.125	DBM Completed.	-
33	14.125	14.255	No work)	Pot hole repair
34	14.255	14.755	DBM Completed.	-
35	14.455		No Work	Pot hole repair
36	14.755	14.825	WMM Completed.	Levelled the undulation from time to time
37	14.825	15.110	DBM Completed.	
38	15.110	15.190	WMM Completed.	Levelled the undulation from time to time
39	15.190	15.325	DBM Completed.	
40	15.325	15.400	WMM Completed.	Levelled the undulation from time to time
41	15.400	15.480	DBM Completed.	-
42	15.500	15.655	DBM Completed.	-
43	15.655	15.850	GSB Completed.	Levelled the undulation from time to time
44	15.850	16.100	Sub grade done	Levelled the undulation from time to time
45	16.100	16.500	DLC partly done	Pot hole repair
46	16.509		CD work left with excavation only.	Road made trafficable with provision of Hume Pipes
47	16.509	32.100	No works on road	Pot hole repair and repairs to partially damaged culverts with provision of Hume pipes.
48	32.100		CD work left with excavation only.	Road made trafficable with provision of Hume Pipes
49	32.100	35.000	No works on road	Pot hole repair
50	35.000	35.090	CD work completed except approaches.	Approaches completed.
51	35.090	45.000	No works	Pot hole repair



2. Status of Maintenance in SH-53 (Bhadrak to Anadapur)

Sl. No	Chainage		Work done by Contractor	Work done by PMU
	From	To		
1	0.000	2.700	No Work	Pot hole repair
2	2.700	2.800	Deep cut	Deep cut filled by Sub grade material.
3	2.800	3.300	ROB	Pot hole repair to approaches
4	3.300	4.600	No Work	Pot hole repair
5	4.600	5.100	DBM Completed.	Longitudinal earthen drain provided on Right side
6	5.100	5.150	No Work	Pot hole repair
7	5.122		CD work not completed.	Diversion made trafficable with provision of Hume Pipes
8	5.150	6.600	DBM	Longitudinal earthen drain provided on Right side.
9	6.600	7.578	GSB done	Levelled the undulation from time to time. Longitudinal earthen drain provided on Right side
10	7.578	8.800	Sub-grade	Pot hole repair and Longitudinal earthen drain
11	8.800	10.010	GSB done	Levelled the undulation from time to time
12	10.020	10.200	GSB done	Levelled the undulation from time to time
13	10.200	10.700	Sub grade done	Pot hole repair
14	10.700		CD work completed excluding parapet walls, return wall approaches etc.	Approaches completed.
15	10.700	10.787	Deep cut	Deep cut filled by Sub grade material.
16	10.787	12.050	No work	Pot hole repair
17	11.869		No work	Existing bridge approaches have been repaired
18	12.050	13.300	BC	-
19	13.300	13.500	No work	Pot hole repair
20	13.510	16.910	BC	-
21	16.910	21.050	No Work.	Pot hole repair
22	21.050	21.830	BC	-
23	21.830	21.950	No work	Pot hole repair
24	21.950	23.400	BC	-
25	23.400	24.140	DBM	-
26	24.140	24.400	No Work	Pot hole repair
27	24.400	25.450	DBM	-



28	25.450	26.200	No Work	Pot hole repair
29	26.200	26.645	GSB.	Levelled the undulation from time to time
30	26.645		CD work left with bed PCC	Road made trafficable with provision of Hume Pipes
31	26.645	27.150	Sub grade	Levelled the undulation from time to time
32	27.150	27.400	No Work	Pot hole repair
33	27.400	28.675	Deep cut	Deep cut filled up and levelled the undulation from time to time.
34	28.675	30.750	No work	Pot hole repair
35	30.750	30.950	WMM	Levelled the undulation from time to time
36	30.950	32.450	No work	Pot hole repair
37	32.450	32.850	DBM	-
38	32.850	33.050	No Works	Pot hole repair
39	33.050	33.760	DBM	-
40	33.760	34.250	No Works	Pot hole repair
41	34.250	34.800	DBM	-
42	34.800	35.998	No Works	Pot hole repair
43	35.998			
44	34.800	36.070	No Works	Pot hole repair
45	36.070	36.300	DBM	-
46	36.300		Box culvert completed excluding parapet walls.	-
47	35.595		Box culvert completed excluding parapet walls.	-
48	35.998		CD work not completed.	Road made trafficable with provision of Hume Pipes
49	35.998	36.070	No Works	Pot hole repair
50	36.070	36.300	DBM	-
51	36.300	36.430	No Works	Pot hole repair
52	36.430		CD work completed excluding parapet walls, return wall approaches etc.	Approaches completed.
53	36.430	36.510	No Works	Pot hole repair
54	36.510		CD work completed excluding parapet walls, return wall approaches etc.	Approaches completed.
55	36.510	36.624	No Works	Pot hole repair
56	36.624		CD work left with bed PCC	Road made trafficable with provision of Hume Pipes
57	36.624	36.892	No Works	Pot hole repair
58	36.892		CD work left with excavation only.	Road made trafficable with provision of Hume Pipes



59	36.892	36.989	No Works	Pot hole repair
60	36.989		CD work left with excavation only.	Road made trafficable with provision of Hume Pipes
61	36.989	37.500	GSB	Levelled the undulation from time to time
62	37.500	37.600	Deep cut	Deep cut filled up and levelled the undulation from time to time.
63	37.6	37.825	No Works	Pot hole repair
64	37.825	38.000	DBM	-
65	38.000	38.100	No Works	Pot hole repair
66	38.100	38.400	GSB	Levelled the undulation from time to time
67	38.400	38.600	DBM	-
68	38.600	38.665	No Works	Pot hole repair
69	38.665		CD work left with raft concrete	Road made trafficable with provision of Hume Pipes
70	38.665	38.725	No Works	Pot hole repair
71	38.725	39.500	DBM	-
72	39.500	42.300	No Works	Pot hole repair

During the month of November 2012, no maintenance activity has been carried out by the Employer.

4.1.3 P03 - Berhampur–Tatpapani, SH-17 (Km 0/0 to 41/0)

At present no construction activity is in progress in the corridor falling under this package. Bids for taking up the remaining civil works have been called and have been evaluated. The work is likely to be awarded shortly

Status on Road Maintenance

This road was maintained by the Contractor i.e.M/s Backbone – ARSS JV with effect from the date of commencement i.e 22.08.2008. After termination of the Contract of M/s Backbone – ARSS JV, maintenance and safety of the road is being done by Executive Engineer, Ganjam (R&B) Division-I Berhampur of Odisha Works department. The existing surface of road from km 0/0 to 41/0 is bituminous except at some places where the surface of road is at subgrade level as left out by ex-contractor M/s Backbone – ARSS JV. The details of maintenance work carried out by them are not known to us as we have not been assigned any role.

Reaches requiring maintenance have now been indentified and the matter taken up with the Executive Engineer PMU for needful. A list of such reaches is enclosed in Annexure B3



4.2 FINANCIAL PROGRESS

There is no progress since October 2012 MPR. However the details of up-to-date payment made to the Contractor package wise are given below:

4.2.1 Package OP1 P01 Bhawanipatna –Khariar Road, SH-16 (Km 2/0 to 70/0)

IPC No.	Value of Work Done	Mobilization Advance	Material Advance	Escalation	Gross Amount	Deductions	Net amount Payable
1	-	26378478	-	-	-	-	-
2	-	26378478	-	-	-	-	-
3	9907993	-	41766137	666097	10574090	7216068	44066750
4	22944652	-	-1691738	-	22944652	12572263	8077924
5	13938762	-	-3476409	-	13938762	5540603	7004283
6	14209616	-	-5212939	-	14209616	7185717	5602938
7	21067514	-	-	-	21067514	3395442	15565321
8	26906922	0	0	10686771	33834325	5219283	28615041
9	12843795	0	0	0	11559415	1783155	9776259
10	12390856	-	-	2835208	16015343	2593876	13421467
11	26473729	-	-	2974424	26503338	9140402	17362935
12	20082151	-	-	2256305	22338456	12244466	10093990
13	20865385	-	-	2352410	20896015	9586509	11309506
14	12429701	-	-	1387668	12435362	1968961	8466401
15	8076617	-	-	910576	8088474	2736930	5351544
16	15730950	-	-	1773543	15754044	5776772	9977271
17	23180829	-	-	2616492	23217589	5538924	17678665
18	19555910	-	-	2204777	19584618	4919874	146664744
19	21525050	-	-	2423748	21553918	3841321	17712597
20	21831865	-	-	2461374	21863915	2429324	19434591
21	18973835	-	-	2139153	34509589	16862284	17647305
22	19699806	-	-	2221000	21920806	11121154	10799652
Total	362635938	52756956	424629184	39909546	392809841	131673328	424629184



4.2.2 P02- A. Bhadrak–Chandbali SH-9 (Km 0/0 to 45/0)
B. Bhadrak – Anandpur Road, SH 53 (Km 0/0 to 50/0)

IPC No.	Value of Work Done	Mobilization Advance	Material Advance	Escalation	Gross Amount	Deductions	Net amount Payable
1	-	54057941	-	-	-	-	-
2	-	54057940	-	-	-	-	-
3	7990024	-	50000775	-	57990799	5016579	52974220
4	21209956	-	-1710798		19499158	3802393	15696765
5	14551609	-	-	2402206	16953815	4355480	12598335
6	7708427	-	11087200	386027	19181654	2338124	16843530
7	41668344	-	23092483	4834216	69595043	19793661	49801382
8	64917420	-	-	7256308	72173728	26938230	45235498
9	19582361	-	22122510	4742306	46447177	14555614	31891563
10	18711119	-	-	-	18711119	7924185	10786934
11	25490193	-	-	2576093	28066286	8698105	19368181
12	23135305	-	-	2189860	25325165	10547420	14777745
13	11157061	-	-	2281104	13438165	2037226	11400939
14	38305185	-	-	3757443	42062628	13511052	28551576
15	19088014	-	-	2268579	21356593	7013151	14343442
16	14107472	-	-	1803192	15910664	5792778	10117886
17	13001213	-	-	1534311	14535524	3376291	11159233
18	12563904	-	-	1698438	14262342	3220790	11041552
19	11636504	-	-	1584727	13221231	2090815	11130416
20	20751795	-	-	2810788	23562583	7496542	16066041



4.2.2 P03 - Berhampur–Taptapani, SH-17 (Km 0/0 to 41/0)

The work is yet to be awarded to the new contractor. However the details of payment made to the previous contractor are given below.

IPC No.	Value of Work done	Escalation	Total	Less discount 6%	Net Gross Work Value	Mobilization Advance	Material Advance	Gross Amount of IPC	Total Deductions	Net Amount Payable
1						20493093.00				20493093.00
2						20493093.00				20493093.00
3	2300196.38	148892.95	2449089.33	146945.36	2302143.97	-	7369830.35	9671974.32	1510019.00	8161955.32
4	27553718.00		29312465.96	1758747.96	27553718.00		- 7369830.35	20183887.65	14855480.00	12698238.00
5	5368303.00		5710960.64	342657.64	5368303.00		10018848.00	15387151.00	1934027.00	13453124.00
6	9680429.00		10298328.72	617899.72	9680429.00		23597500.00	33277929.00	2030937.00	31246992.00
7	10591858.00	5786297.00	16378155.00	982689.30	15395465.70			10591858.00	2754007.00	7837851.00
8	8950229.00	972965.00	9923194.00	595391.64	9327802.36			8950229.00	1772256.00	7177973.00
9	7594719.00	825610.00	8420332.19	505219.93	7915112.26			7915112.26	4629056.00	3286056.26
10	8817214.00	958506.00	9775720.00	586543.20	9189176.80		- 2023868.00	7165308.80	1490994.00	5674314.80
11	14511128.00									
								113143450	30976776	89536504



QUALITY CONTROL





SECTION - V

QUALITY CONTROL

5.1 FIELD LABORATORY

Field laboratories as per the requirement have been set up at the places mentioned in the following Table.

Field Laboratory Location

S. No.	Contract Package	Place where field lab. Set up
1	P01 - Bhawanipatna –Khariar Road, SH-16 (Km 2/0	Km. 38+800 RHS of Bhawanipatna-Khariar Road in Borda village.
2	P02- A. Bhadrak–Chandbali SH-9 (Km 0/0 to 45/0) B. Bhadrak – Anandpur Road, SH 53 (Km 0/0 to 50/0)	Km 5+800 RHS of Bhadrak-Anandapur Section. But not functional now.
3	P03 - Berhampur–Taptapani, SH-17 (Km 0/0 to 41/0)	Shall be set up after new contract is awarded

5.2 APPROVALS OF QUARRIES AND MATERIAL

The quarries and material stands approved as detailed in the following Table.

Status of Quarry Approvals

Sr. No.	Contract Package	Status
1.	P01 Bhawanipatna –Khariar Road, SH-16 (Km 2/0 to 70/0)	i) Borrow area stands approved ii) Material for GSB, WMM, DBM, BC stands approved iii) Concrete grade M15, M20, M25 and M30 stands approved
2	P02- A. Bhadrak–Chandbali SH-9 (Km 0/0 to 45/0) B. Bhadrak – Anandpur Road, SH 53 (Km 0/0 to 50/0)	i) Borrow area stands approved ii) Material for GSB, WMM, DBM, BC stands approved iii) Concrete grade M15, M20, M25 and M30 stands approved
3	P03 - Berhampur–Tatpapani, SH-17 (Km 0/0 to 41/0)	Shall be approved after new contract is awarded.



5.3 TESTS RESULTS

The status on tests carried out package wise is presented in the following Table. The status on tests earlier done is being collected.

Test Results

S. No.	Type of test	Tests done up to previous month		Tests done during the month of November-2012		Remarks
		Number	Result	Number	Result	
1	P01 Bhawanipatna –Khariar Road, SH-16 (Km 2/0 to 70/0)					
1)	GSB					
	Sieve Analysis	18	16 pass 2 fail	24	22 pass 2 fail	
	Field Density	21	18 pass 3 fail	24	23 pass 1 fail	
2)	WMM					
	Sieve Analysis	18	15 pass 3 fail	18	16pass 2 fail	
	Field Density	18	8 pass 2 fail	20	18 pass 2 fail	
3)	Concrete-compressive strength					
	M15 – 7 days	34	32 pass 2 fail	38	37 pass 1 fail	
	M15 – 28 days	34	33 pass 1 fail	38	36 pass 2 fail	
	M20 – 7 days	46	42 pass 4 fail	48	46 pass 2 fail	
	M20 – 28 days	46	44 pass 2 fail	48	47 pass 1 fail	
2	P02- A. Bhadrak–Chandbali SH-9 (Km 0/0 to 45/0) B. Bhadrak – Anandpur Road, SH 53 (Km 0/0 to 50/0)					
						No work
3	P03 - Berhampur–Tatapani, SH-17 (Km 0/0 to 41/0)					
						No work



VI

**CONTRACTOR'S EQUIPMENT &
MATERIAL**





SECTION - VI

CONTRACTOR'S EQUIPMENT

6.1 CONTRACTOR'S EQUIPMENT

The equipment deployed by the contractors in their respective packages is listed below:

6.1.1 P01 - Bhawanipatna –Khariar Road, SH-16 (Km 2/0 to 70/0)

The equipment deployed till the termination of the contract is given below. However after termination, no record is being maintained

Sr. No.	Machinery	Capacity	Minimum requireme nt as per contract	Status as on date	Remarks
1	Mechanical Bitumen Sensor Paver	100 TPH	01	01	
2	Motor- grader	200 Cum/Hr	03	02	One more is required
3	Hydraulic excavator	60 Cum/Hr	02	04	
4	Vibratory roller	8 T (100 Cum/Hr)	03	03	
5	Pneumatic roller	25 Cum/Hr	03	01	Two more are required
6	Hot mix plant	100 TPH	01	01	
7	Wet mix plant	120 TPH	01	01	
8	Concrete batch-mix plant	75 Cum/Hr	01	01	
9	Transit mixer	4.5 Cum/Hr	01	03	
10	Front end loader	4 Cum/Hr	02	02	
11	Dozer	150 Cum/Hr	02	02	
12	Tipper	5 Cum	20	15	

6.1.2 P02- A. Bhadrak–Chandbali SH-9 (Km 0/0 to 45/0)

B. Bhadrak – Anandpur Road, SH 53 (Km 0/0 to 50/0)



The details of equipments available at site is not known since neither any detail has been submitted by the Contractor nor any of his personnel available at site through whom the information regarding the machinery could be collected.

6.1.3 P03 - Berhampur–Taptapani, SH-17 (Km 0/0 to 41/0)

There is no equipment available at site at the moment since no contractor is working.



VII

PRECONSTRUCTION ACTIVITIES





SECTION – VII

PRE-CONSTRUCTION ACTIVITIES

There is almost no progress since last MPR i.e. of October 2012. Package wise status of to date up to preconstruction activities is given below:

7.1 P01 - BHAWANIPATNA –KHARIAR ROAD, SH-16 (KM 2/0 TO 70/0)

7.1.1 SURVEY WORK

The present status of survey work is as follows:

Sr. No.	Activity	Length(km)
1	TBM / Traversing Survey	68.000
2	C/L approved	68.000
3	Approval of Plan & Profile	68.000
4	OGL	34.540
5	Submission & approval of X-Sections & detailed quantities	Not submitted

7.1.2 LAND ACQUISITION

The entire land for the project has been acquired and handed over to the Contractor except the following:

Milestone 1 – 1.8 km (km 57.80 to 59.60)

Milestone 2 – 1.7 km (km 13.10 to 13.80 and km 30.00 to 31.00)

The land acquisition proceedings in respect of remaining reaches are in advanced stage and are likely to be completed shortly. This activity is being carried out and monitored by the employer himself.

7.1.3 SHIFTING OF UTILITIES

7.1.3.1 Electrical Lines

The employer is carrying out and monitoring the work of shifting of electric lines directly. Almost the entire work of shifting of electric line has been completed. The present status is given below.



Details	Poles to be shifted	Poles actually shifted
Milestone 1	72+1 transformer	72+1 transformer
Milestone 2	29+3 transformer	29+3 transformer
Milestone 3	34+2 transformer	34+2 transformer
Total	135+6 transformer	135+6 transformer

7.1.3.2 Water Supply Lines

The employer is carrying out and monitoring the work of shifting of water supply lines directly. Almost 100 % work of shifting of pipe line has been completed. But 50 % of the tube wells still remain to be shifted. The present status on shifting of water lines and tube wells is given below.

Details	Tube Well		Pipe Line	
	Requirement	Achievement	Requirement (km)	Achievement (km)
Milestone 1	29	25	7.4	7.4
Milestone 2	13	13	1.7	1.2
Milestone 3	13	13	Pipe line crossing	Pipe line crossing
Total	105	51	9.1+ Pipe line crossing	9.1+ Pipe line crossing

7.1.3.3 Telecommunication Lines

The employer is carrying out and monitoring the work of shifting of telecommunication lines directly. However, it is understood that no such shifting is involved.

7.1.3.4 Other utilities

No shifting of any other utility is presently involved.

7.1.4 TREE CUTTING & DISPOSAL

About 37 % of tree cutting work has been completed so far. The present status is given below:



Details	Trees to be felled	Trees felled
Milestone 1	368	49
Milestone 2	1293	769
Milestone 3	700	64
Total	2361	882

7.1.5 RESETTLEMENT/REHABILITATION STATUS

The work was earlier under the care of NGO, “Krishi Adivasi Sangha Self Help Society” (KASS), but their contract has now been terminated. The contractor has obtained the following permission

- Environmental Management Plan(EMP)
- Pollution Control Board permission

The status on environmental and work site safety and social safe guard management issues is as given below.

Sl. No	Points of Concern	Attributes	Remarks	% ge complete till date
1	Approved layout of campsite and Plant site	Applied	Returns with comments by CSC for resubmission CSC letter no Pr-5061103/RE/PO1.150, dated 21/04/2010. Contractor has not yet re-submitted the Campsite Plan after corrections.	90%
2	Clearance for Hot –mix plants	Clearance Received		100%
3	Clearance for stone crusher units	Clearance Received	Contractor’s Letter no. PATEL – ARSS JV/BPT/RE/SMEC/8109 -10,dated 05/04/2010	100%
4	Approval of Debris	Pending	Comprehensive Waste	Nil



Sl. No	Points of Concern	Attributes	Remarks	% ge complete till date
	Disposal Plan		Disposal & Solid Waste Management Plan as per Table 3.1(EMP) and SI.No C.1.3 of Volume-III of contract agreement is not submitted by contractor	
5	Explosive storage And handling safety	N/A	Contractor has been carrying out blasting operations using mobile explosive storage unit	N/A
6	Camp-site hygiene measures (Water supply, sanitation, ventilation)	Pending		50%
7	Corridor sign ages, informatory boards ,barricading, traffic diversion safety measures	Contractor not conforming fully		70%
8	Use of Workers safety devices in plant sites and construction sites	Contractor not conforming fully		50%
9	Ensure Safe Green Tunnel	N/A		N/A
10	Approved Borrow area	17 nos approved	Documents required as per EMP provisions have been submitted by the Contractor. CSC has returned for correction	90%



Sl. No	Points of Concern	Attributes	Remarks	% ge complete till date
11	Approved stone quarry	01 no. at Borda Camp	Stone quarry is fully operational	100%
12	Approved WMM Plant	01 no. at Borda Camp		

7.2 P02- A. BHADRAK–CHANDBALI SH-9 (KM 0/0 TO 45/0)

B. BHADRAK – ANANDPUR ROAD, SH 53 (KM 0/0 TO 50/0)

7.2.1 SURVEY WORK

The survey work has mostly been completed.

7.2.2 LAND ACQUISITION

This activity is being carried out and monitored by the employer himself. The stretches requiring more time for acquisition have been shifted to Milestone 3. Nearly 90% of the land has been acquired. The present status of the land is given below.

Sl.No	Chainage			Land Acquisition Status
	FROM	TO	SH	
Mile Stone 1				
1	2+000	3+200	SH-09	Handed Over
2	3+300	3+800		do
3	3+890	6+000		do
4	6+100	6+450		do
5	6+600	9+140		do
6	9+270	9+550		do
7	10+260	11+350		do
8	12+930	14+120		do
9	14+200	15+700		do
10	4+600	6+500	SH-53	do
11	8+500	11+000		do
12	12+000	17+000		do
13	21+000	24+100		do
14	24+200	27+100		do



15	27+200	28+700		do
16	30+200	30+900		do
17	32+500	33+000		do
18	34+950	39+600		do

Sl.No	Chainage			Land Acquisition Status
	FROM	TO	SH	
Mile stone 2				
1	6+450	6+600	SH-09	Handed over
2	9+140	9+250		do
3	9+600	9+900		do
4	10+100	10+260		do
5	15+700	16+500		do
6	17+500	20+100		do
7	21+600	24+400		do
8	25+000	25+800		do
9	26+400	31+200		do
10	32+500	32+900		do
11	33+200	37+000		do
12	38+000	39+000		do
13	40+000	41+700		do
16	0+100	2+700	SH-53	do
17	8+000	8+500		do
18	17+700	18+800		do
19	29+800	30+100		do
20	30+900	32+000		do
21	39+600	40+000	do	
Milestone 3				
1	0	2+000	SH-09	Handed over
2	3+200	3+300		do
3	3+800	3+890		do
4	6+000	6+100		do
5	9+250	9+270		do
6	9+550	9+600		do
7	9+900	10+100		do
8	11+350	12+930		Not handed over
9	14+120	14+200		Handed over
10	16+500	17+500		do
11	20+100	21+600		do
12	24+400	25+000		do
13	25+800	26+400		do
14	31+200	32+500		do
16	32+900	33+200		do
17	37+000	38+000		do
18	39+000	40+000		do
19	41+700	42+500		do



20	44+600	45+000		do
21	3+300	4+600		do
22	11+000	12+000		Partially handed over
23	17+000	17+700		do
24	18+800	21+000		do
25	24+100	24+200		Handed over
26	27+100	27+200	SH-53	do
27	28+700	29+800		Partially handed over
28	30+100	30+200		Handed over
29	32+000	32+500		Not handed over
30	33+000	34+950		Handed over
31	40+000	41+300		Not handed over



7.2.3 SHIFTING OF UTILITIES

7.2.3.1 Electrical Lines

The employer is carrying out and monitoring the work of shifting of electric lines directly. However, shifting of electric power lines is being done by the concerned department. Nearly 97% of the work has been completed. The up to date progress is given below

S. no.	Milestone No.	Poles required to be shifted	Poles actually shifted	Remarks
1	1	215	215	
2	2	284	282	
3	3	915	884	

7.2.3.2 Water Supply Lines

The employer is carrying out and monitoring the work of shifting of water supply lines directly. The work of shifting tube wells has been completed and that of pipe line up to 30%. The present position of this activity is given below.

Details	Tube Well		Pipe Line (km)	
	Requirement	Achievement	Requirement	Achievement
Milestone 1	21	21	nil	nil
Milestone 2	18	18	2.3	2.3
Milestone 3	24	24	12.15	1.80
Total	63	63	14.45	4.1

The activity of shifting the pipe line is almost complete except in the following reaches in Milestone 3, where it is in progress.

Pipe line km 0+000 to 2+000 completed except for km 0/000 to 0/200 (junction point)

- Km. 16+380 to 18.501 KM (a length 2120 Mts) RWSS pipeline laying not started.



- Km 39+000 to 42+000 (a length 2820 Mts) RWSS pipeline laying not started.
- Km 28+800 to 29+100 has not been handed over due to final payment for which section 6(1) under progress. Shifting of km 1.45 (28+000 to 31+500) pipe line by RWSS and 3 tube well not done.
- Land acquisition in progress km40+400 to 41+200 under section, 6(1).
- Km 19+700 to 20+200 not handed over due to final payment (Bonth Mouza) and RWSS pipe line laying not started for(a length of 2500 Mts).

7.2.3.3 Telecommunication Lines

The employer is carrying out and monitoring the work of shifting of telecommunication lines directly. However, shifting of these lines is being done by the concerned department. Nearly 90% of the work has been done so far. Out of 512 poles, 440 have been shifted.

7.2.3.4 Other utilities

No shifting of any other utility is presently involved

7.2.4 TREE CUTTING & DISPOSAL

The present status is given below:

Details	Trees to be felled	
	Requirement	Achievement
Milestone 1	2587	2267
Milestone 2	2012	590
Milestone 3	1752	671
Total	6351	3528

7.2.5 RESETTLEMENT/REHABILITATION STATUS

The work was earlier under the care of NGO, “Krishi Adivasi Sangha Self Help Society” (KASS), but their contract has now been terminated. In all 46 structures (29 in SH 53 and 17 in SH 9 remains to be dismantled / shifted for which necessary action is in the advanced stage.



7.3 P03 - BERHAMPUR–TATPAPANI, SH-17 (KM 0/0 TO 41/0)

7.3.1 SURVEY WORK

The survey work is reported to have mostly been completed. But with the induction of the new contractor, this work is likely to be redone.

7.3.2 LAND ACQUISITION

The up to date position of land acquisition is as follows

Total no. of revenue villages	Land not acquired for which withdrawl proposal submitted	Possession of land received from LAO Ganjam	6(i) is under progress in L.A.Office	7(i) order received by LAO Gangam vide letter no. 7259 dt.22.02.2012. Funds deposited and payment is under progress
32	1 no village(Chanameri village)	28 no. In parts	2 no. (DIGApahandi & Kansamari villages)	1 no.(Gakarnpur village)

7.3.3 SHIFTING OF UTILITIES

7.3.3.1 Electrical Lines

The electrical utilities are being shifted by the General Electric Division no. 1, Bhubaneswar. Three agencies have been engaged for this work in the entire stretch. The details are given below:-

194 Electric (Single) and 9 nos Double poles have been shifted till the end of October 2012

7.3.3.2 Water supply

The present status is given below

Total water tap shifted - 15

Tube well shifted - nil

Pipe line - Out of 9950 m , 1000m has been shifted. In MS 1, against 300 m, 200 m shifted. MS 2 involves shifting of 2150m but shifting not started as yet. In mile stone 3, out of 1000 m, 800m shifted. MS 4 involves shifting of 6400m but shifting not started as yet.

7.3.3.3 Telecommunication Lines

The work involved shifting of 21 poles which has been completed.



7.3.4 TREE CUTTING & DISPOSAL

The present status is given below.

Total Number of trees to be fell as per contract	: 1355
Total Number of trees expected to be felled	: 1355
Total number of trees felled	: 1077
Trees remaining to be felled	: 278
Likely date by which the remaining trees will be felled	: December 2012

The status of tress felled during the month is given below.

I.	Mile Stone No	Chainage	Trees to be felled	Trees felled during Oct.
	MS-1	5/100 to 9/800 KM & 36/000 to 41/000 KM	51	42
	MS-2	9/800 to 20/000 Km	45	12
	MS-3	26/000 to 36/000 Km	84	-
	MS-4	0/000 to 5/100 Km & 20/000 to 26/000 Km	98	50
Total			278	104

7.3.5 RESETTLEMENT/REHABILITAION STATUS

The work was earlier under the care of NGO, “Krishi Adivasi Sangha Self Help Society” (KASS), but their contract has now been terminated. The present status is as below:

Sl. no.	Mile Stone No	Total no. Of relocations	Relocated	To be relocated
1	MS-1	37	37	Nil
2	MS-2	116	93	23
3	MS-3	60	45	15
4	MS-4	100	90	10
	Total	313	265	48



VIII

VARIATIONS & CLAIM





SECTION - VIII

VARIATION & CLAIM

8.1 VARIATIONS

So far no major variation in the BOQ of any of the contract package has been reported

8.2 CLAIMS

- 1 The contractors of Package PO1 and PO2 had asked for extension of time due to late handing over of hindrance free site. The employer has granted suitable extension of time on this account
2. The following claims have been preferred by the Contractors of Package 1, 2 and 3.
 - Use of crushed aggregate for GSB instead of natural occurring material as defined in contract specifications. The Dispute Board as constituted for this contract has given its decision in favour of the contractor as per report attached in Annexure B. The employer is not satisfied with the decision and has initiated arbitration. The Arbitral Tribunal held its first meeting on 25.09.2012. A copy of the proceeding is attached in Annexure B. So far the Contractor has not submitted the statement of claims.
 - Payment of cess @2 percent of the cost of construction under The Building and Other Construction Workers Act 1996 and the Cess Act of 1996. The matter is pending before the Dispute Board for decision.
3. The employer has levied penalty for delay damages in respect of contractors of Package 1 and 2. The contractors had filed writ petitions in the Orissa High Court against levy of delay damages by the employer. Hon'ble High Court has directed the contractor to approach the Dispute Board. The contractor has accordingly filed the claims before the dispute board. The employer is yet to file the counter.
4. The contractors of Package PO1 and PO2 have filed petitions before Session Court Khurda against encashment of bank warranty and termination of contract. The matter is sub-judice and pending before the court.



5. The Contractor of Package 2 had submitted claims on 17.10.2012 concerning idle charges of machinery, loss due to obstruction by people, refund of withheld amount, loss of toll gate, additional expenditure due to additional. Camps, additional expenditure towards insurance and taxes, expenditure for acquisition of borrow areas, cost of additional quantity of bitumen, additional expenditure on maintenance of laboratory and survey teams, expenditure on account of BG for material advance, additional expenditure BG towards performance guarantee, additional expenditure due to additional transit for transportation of materials, and other compensatory claims. The Contractor was informed by TL vide letter no. 27 dt. 31.10.2012 that the claims so submitted are not tenable in terms of GCC subcl.20.1 of contract agreement as these have not been submitted
6. The Contractor of Package 1 and 2 have approached the District Court against the termination of their contracts. The court has directed for a status quo. The hearing is fixed for 13.01.2012



IX

**ENVIRONMENTAL, HEALTH, SAFETY
& MITIGATION MEASURES**





SECTION – IX

ENVIRONMENTAL, HEALTH, SAFETY & MITIGATION MEASURES

The environmental, health, safety and mitigation concerns package wise is presented below

9.1 P01 - Bhawanipatna –Khariar Road, SH-16 (Km 2/0 to 70/0)

Sr. No.	Particular of Works/Items	Status
1	Monitoring of Ambient Air Quality/ Water Quality and Noise Level.	Contractor has applied.
2	Status of Development of workers camp as per Contract agreement	Camp established. NOC is awaited from the District collector.
3	Supply of safety equipments and safety devices (helmet/shoe/goggles etc.) to workers	Partially, Construction activity has started.
4	Permission for Quarrying and Borrowing	OK
5	Arrangement for Blasting (permission and safety)	OK
6	Good House Keeping Plan for various work places of Projects e.g. Worker's Camp, Crusher, Construction area of Road etc.	Satisfactory.
7	Status of Dust Control during construction Activities	Partially, Construction activity has started.
8	Safety plan for worker, public, and associated Environment during construction	Satisfactory
9	Roadside Utility relocation plan (Detailing / Permission and re - establishment schedule etc.)	Satisfactory
10	Obtaining NOC from State Pollution Control Board for establishing Crusher & Hot mix plant etc.	Valid up to 31.03.2012. Re-submission of NOC is awaited
11	Status of dust control at crusher	Satisfactory
12	Establishment of Cautionary/ informatory / Safety Boards etc.	Partially, Construction activity has started but very poor in safety measures.

Safety Measures

The Contractor is not in the habit of taking safety measures. Some important hazardous locations where safety measures are urgently required is indicated below



- Ch. 19+661, Ch, 21+607 and Ch.25+723 Narrow Bridges - Cautionary sign required
- CH. 50+000 where excavation of work is going on and the road has got deep cut on RHS- Safety ribbon with cautionary symbol on the both end of the work place are required.

Health Measures

Most of the labor employed by the contractor is local and as such there is no specific concern. Regarding the site accidents/incidents, there is no record of such data having been maintained. However the accident data is normally maintained by the concerned police station and if required it will be collected and presented in the next submission. However, for collection of relevant traffic data by SC there is need to deploy a Traffic Engineer for which approval is required.

9.2 P02- A. BHADRAK–CHANDBALI SH-9 (KM 0/0 TO 45/0) B. BHADRAK – ANANDPUR ROAD, SH 53 (KM 0/0 TO 50/0)

Sr. No.	Particular of Works/Items	Status
1	Monitoring of Ambient Air Quality / Water Quality and Noise Level.	Contractor has applied.
2	Status of Development of workers camp as per Contract agreement	Camp established. Permission from Panchayat submitted to this office.
3	Supply of safety equipments and safety devices (helmet / shoe / goggles etc.) to workers	Construction activity has stopped.
4	Permission for Quarrying and Borrowing	NOC obtained for Stone Crusher unit from Regional Office OSPCB.
5	Arrangement for Blasting (permission and safety)	OK
6	Good House Keeping Plan for various work places of Projects e.g. Worker's Camp, Crusher, Construction area of Road etc.	OK
7	Status of Dust Control during construction Activities	Construction activity has stopped.
8	Safety plan for worker, public, and associated Environment during construction	Construction activity has stopped



9	Roadside Utility relocation plan (Detailing / Permission and re - establishment schedule etc.)	Construction activity has stopped
10	Obtaining NOC from State Pollution Control Board for establishing Crusher & Hot mix plant etc.	NOC obtained from Regional Office OSPCB, Dt. 26/11/2009
11	Status of dust control at crusher	Nil
12	Establishment of Cautionary / informatory / Safety Boards etc.	One Informatory board is fixed at both chows. Three are to be installed at km 20 of SH-09, km 42+300 of SH – 53 and km 1.45 of SH – 09.

Safety Measures

During maintenance of the road work, proper safety measures like informatory boards, signs and dust controlled measures have been taken-up in SH-53 and SH-9, but there are few hazardous places which needs urgent safety measures are required. Some such places are:

- Km 20 of SH-09, km 42+300 of SH – 53 and km 1.45 of SH – 09 - Signs to be installed.

Health Measures

Most of the labor employed by the contractor is local and as such there is no specific concern. Regarding the site accidents/incidents, there is no record of such data having been maintained. However the accident data is normally maintained by the concerned police station and if required it will be collected and presented in the next submission. However, for collection of relevant traffic data by SC, there is need to deploy a Traffic Engineer for which approval is required.

9.3 P03 - BERHAMPUR-TATPANI, SH-17 (KM 0/0 TO 41/0)

The Contract agreement stands terminated on 16.09.2011. Bids for the remaining work have been called and evaluated. The award letter is being issued

The details of accidents which have occurred on this road since May onward is given below.



Details of Accident

SL No.	Date	Case No.	Police Station	Place of Accident	Type of Accident	Vehicle	Remarks
1	18.08.12	128/2012	Big Bazar	Duduma Colony	Minor	Mini bus	No Death
2	05.05.12	73/2012	Sadar	Narayanpur	Minor	Scooter	No Death
3	28.06.12	98/2012	Sadar	Dakhinpur Chhowk	Minor	Bus	No Death
4	03.07.12	106/2012	Sadar	Balipada	Minor	Bus	No Death
5	26.09.12	153/2012	Sadar	Ambagada	Minor	Bus	No Death
6	16.05.12	67/2012	Digapahandi	Khemundi College, Digapahandi	Minor	Auto	No Death
7	21.05.12	72/2012	Digapahandi	Bus Stand, Digapahandi	Minor	Bus	No Death
8	05.06.12	76/2012	Digapahandi	Hnuman Statue, near P.S	Major	Car	No Death, Casualty of three person.
9	18.06.12	85/2012	Digapahandi	Gokarnaput to Anangpur	Minor	Bike	No Death
10	06.11.12	148/2012	Digapahandi	Hanuman Statue, Near P.S	Minor	Bus	No Death



HINDERANCES & BOTTLENECKS



SECTION - X

HINDERANCES & BOTTLENECKS

Package wise hindrances and bottlenecks observed and the action taken to resolve them is stated below

10.1 P01 - Bhawanipatna –Khariar Road, SH-16 (Km 2/0 to 70/0)

- 1) Contractor has been advised to expedite the work of tree cutting and its disposal which comes under three districts and two divisions. The marking for identification of trees, list of tree enumeration & other hindrances within 6 mt of C/L on both side of the project roads has been given to the Contractor Tree felling permissions from DFO Kalahandi, North Division and DFO Khariar Division has also been given to the Contractor.
- 2) EMP and safety as per norms is to be submitted/ observed but there is no compliance from the contractor till date. Matter is vigorously pursued with the contractor.
- 3) Thirty months of Contract duration has elapsed since the commencement date but the contractor has not yet submitted the revised resource based Work Time Program in accordance with the contract cl. 8.3 of contract agreement. Matter is vigorously pursued with the contractor
- 4) Order to commence the work was given on 20th February 2009 with a completion period of 30 months and further time extension granted up to 28.10.2013. The Mile stone 1 which was due for completion on 28.02.2012 has still not been completed. Even the cumulative progress achieved so far is only 36 %. In spite of vigorously pursuing the contractor through periodical review meetings and close interaction to adhere to the completion schedule, he has been in default and therefore delay damages in terms of contract agreement have been levied by the employer.
- 5) Major reasons affecting the progress of the project are:
 - Delay in mobilization of experienced and capable key personnel,
 - Delay in submission of resource based work program,
 - cash flow problems
 - Frequent break down of hot mix plant (Drum mix) and concrete batching plant.



- Lack of planning and non-availability of manpower, machineries and resources has been observed which is attributed as a major problem to slow progress for the Contract Package.
 - Necessary preventive measures to avoid frequent breakdown of hot mix plant, concrete batching plant and WMM plant.
 - Non participation of the Lead Partner
- 6) No pending Non Conforming Report (NCR) has so far come to our notice, moreover during the month, no NCR has been issued.
- 7) Routine maintenance of the existing road is a matter of concern for which the contractor has to give special attention particularly for the pot holes on war footing. The contractor is being constantly pursued.
- 8) One safety officer is required to be deployed at work site as well as at the plant sites to monitor environmental mitigation measures.

10.2 P02- A. BHADRAK–CHANDBALI SH-9 (KM 0/0 TO 45/0)

B. BHADRAK – ANANDPUR ROAD, SH 53 (KM 0/0 TO 50/0)

- 1) Contractor has been advised to expedite the work of tree cutting and its disposal. The marking for identification of trees, list of tree enumeration & other hindrances within 6 mt of C/L on both side of the project roads has been given to the Contractor Tree felling permissions from concerned DFO has also been given to the Contractor.
- 2) EMP and safety as per norms is to be submitted soon but no intimation observed in this regard from the Contractor till date.
- 3) Thirty months of Contract duration has elapsed since the commencement date but the contractor has not yet submitted the revised resource based Work Time Program in accordance with the contract cl. 8.3 of contract agreement
- 4) Order to commence the work was given on 20th February 2009 with a completion period of 30 months and further time extension granted up to 28.10.2013. The Mile stone 1 which was due for completion on 28.02.2009 has still not been completed. Even the cumulative progress achieved so far is only 28 %. In spite of vigorously pursuing the contractor through periodical review meetings and close interaction to adhere to the completion schedule, he has been in default and therefore delay damages in terms of contract agreement have been levied by the employer.



5) Shifting of utilities is the other fact of project hindrances such as, Electric Power Lines, and Tele Communication Lines/Cables towards which prompt actions need to be taken up by the concerned department so that more hindrance free working fronts can be provided to the Contractor.

6) Major reasons affecting the progress of the project are:

- Delay in mobilization of experienced key personnel,
- Delay in submission of resource based work program,
- Cash flow problems.
- Lack of planning and non-availability of manpower, machineries and resources has been observed which is attributed a major problem to slow progress for the Contract Package.
- Non participation of the Lead Partner

7) No pending Non Conforming Report (NCR) has so far come to our notice.

10.3 P03 - BERHAMPUR–TATPAPANI, SH-17 (KM 0/0 TO 41/0)

The tender process for the induction of new contractor is complete. Bids have been invited and evaluation done. The work is likely to be awarded soon

10.4 Project Office Staff

In the project office at Bhubaneswar, there is only Team Leader and no support staff against the stipulated strength of 7 persons as per the contract agreement. The sanction of the deployment of the remaining staff has not been accorded so far. In view of the exceptionally very high rate of court cases in this project, the Team Leader is mostly busy preparing replies to the court cases and hardly find any time in attending to other tasks assigned to him in the project. Therefore, in the interest of work, it is proposed that a Contract Specialist be specifically engaged for dealing with the court cases and other contractual matters and the TL as well supplemented with suitable support staff.



CASH FLOW FORECASTS





SECTION - XI

CASH FLOW FORECAST

11.1 CASH FLOW FORECAST

The Contractors of both the packages PO1 and PO2 have not submitted the cash flow requirement. They have been asked to submit the same.

Regarding PO3 contract, the new contractor will be asked to submit the same before the work is commenced.



**SUPERVISION CONSULTANT
ACTIVITIES**



SECTION – XII

SUPERVISION CONSULTANT’S ACTIVITIES

12.1 PROJECT ADMINISTRATION

SC has established project offices at the following places for undertaking various tasks to fulfil the supervision objectives as mentioned in the contract agreement.

Sr. No.	Office	Addresses
1	Project Office Bhubaneswar	MSV International, Inc N-1/39, 1 ST Floor, IRC Village Nayapalli, Bhubneswar, Odisha -751015 Telephone: 0674-2558020
2	Site Office Khariar (P01)	MSV International, Inc. Sree Harinagar, Plot No. 1320/1988, Padampur Road, Raj Khariar Dist -Nuapada Odisha -700107 Tel - 7894471003
3	Site Office Bhadrak (P02)	MSV International, Inc. Plot No. 460, AT, Purushottam Vihar, (Back side of Tripti Plaza) Near Rang Factory, P.O. Madhab Nagar, Bhadrak, Odisha - 756181.Tel: 7894471004
4	Site Office: At Berhampur (P03)	MSV International, Inc. Harikrishan Nagar, Brit Colony, Berhampur, Odisha – 760002, Tel: 7894471025

Mr. Pushkar Malik Project Director is the coordinating the project from head office and interacting with the client.

Registered Office

MSV International, Inc
D-7, South City – I,
Gurgaon – 122002, Haryana, India
Tel: 091-124-4002603/04
Fax: 091-124-4002605



12.2 TAKING OVER OF ASSIGNMENT

The Consultant has almost taken over the assignment from the interim supervision team with collection of all relevant documents which may have been transferred earlier from the previous Consultant to the PMU as well as from the PMU's current interim team in all the three packages. The record taken over comprises of the following:

- Copies of all running payments made to the contractors.
- Project Document including DPR, Bid Documents, Test results etc.
- Work Implementation programme
- Approved Construction Drawing
- Progress reports Monthly/Quarterly
- Survey reference
- Approved borrow areas/material quarries/other sources
- All correspondence files
- Quality Test Reports

The record at the level of Team Leader is yet to be transferred for which the employer has been requested vide Team Leader letter no.18 dt 26.09.2012

The Consultant is assessing the quantum and cost of the remaining works in respect of Package 1 and 2. Necessary report to this affect shall be submitted shortly. However in respect of Package 3, the assessment of the remaining quantities and cost has already been done by PMU and bids accordingly invited.

The following record has not been made available

- 1) To Resident Engineers by PMU
 - Construction methodology
 - NCR's,
 - Built up drawing
 - Construction Programme
- 2) To Team leader by Chief Engineer World Bank's office
 - DPR
 - Quality Assurance Programme
 - MPR/QPR's
 - Project Correspondence Files
 -



12.1 CONSULTANT'S STAFF

12.3.1 Staff deployment

The Consultant has given in-depth consideration to ensure that they have the right team combination/capability to undertake the project works. From its extensive experience on similar projects in India and in other developing countries, we are providing a work organization and management system to ensure that the project works run smoothly and to the complete satisfaction of OSRP. On the project, we have mobilized various staff at different sites after discussing the matter with the Employer. The detailed position of the staff deployed at various offices vis a vis contract agreement is brought out as under:

1. Bhubaneswar office:

Sr. No.	Position	Name As Per Contract	Proposed Name	Date of Deployment	Task Performed
Key Staff:					
1.	Team Leader cum Project Coordinator	Rajiv Singh	B.P.Handa	12.09.2012	- Assisted employer in Court cases/DRB matters. - Prepared replies to Court Writ petitions. - Review of overall work supervision team - Site visit. -Preparation of monthly progress reports. -Review of contractors work
2.	Sr. Bridge Cons Engineer	K. Vidyasagar	K. Vidyasagar	26.3.2012	Now demobilized
3.	Sr. Material cum Quality Control Engineer	Puneet Pandey		Deployment not yet approved	-
4	Contract specialis				
Senior Technical Staff					
1	Highway Design Engineer/Paymen Specialist	K.K.Sharma		Deployment not yet approved.	-



2	Bridge Design Engineer	Basavaraja C.		Deployment not yet approved	-
Junior Technical Staff					
1	CADD Engineer (Pavement/ Highway)	TBN	-	Deployment not yet approved	-
2	CADD Engineer (Bridge)	TBN	-	Deployment not yet approved	-
Support Staff:					
1.	Office Manager	TBN	Dinesh Pandey	21.03.2012	Office work
2.	Bilingual Secretary	TBN	Sasmita Biswal	21.03.2012	Office work
3	Word Processor Operator	TBN	-	Deployment not approved	-
4	Book Keeper	TBN	-	Deployment not approved	-
5.	Office Boy	TBN	Sangram Das	21.03.2012	Office work
6	Night Watchman	TBN	Lalu Kumar	21.03.2012	Watch and word

2. Khariar office:

Sr. No.	Position	Name As Per Contract	Proposed Name	Date of Deployment	Task Performs
Key Staff:					
1.	Resident Engineer-cum Sr. Highway Engineer-I	Santosh Kumar	D.K.Sonaki	12.04.2012	Supervision and contract management
Senior Technical Staff					
1.	Bridge Engineer	Dileep Kumar	Dileep Kumar	19.04.2012	Supervision Monitoring Environmental



					mitigation measures
2.	Envt./Safety Engineer-I	P.R. Sahu	Jagdish Behera	12.04.201 2	Material testing Recording of measurements
3.	Material/Quality Engineer-I	K.N. Sahai	K.N. Sahai	22.04.201 2	Absent
4	Quantity Surveyor-1	Sushil Gaur	Rabindra Sahai	-	
5	Highway Engineer-1	Gorak Nath isra	-	-	
Junior Technical Staff					
1.	Asst.Material Engineer-I	TBN	Susanta ku. Mahanda	-	Laboratory & site testing work
2.	Asst. Quantity Surveyor-I	TBN	-	-	Deployment not yet approved
3	Asst. Bridge Engineer-1	TBN	-		Deployment not yet approved
4	Asst. Highway Engineer	TBN			
5	Asst. Surveyor	TBN	Bhibhuti Bhusan Das	25.04.201 2	Setting out works
Support Staff					
1.	Word Processor Operator –I	TBN	Swadhin Maher	10.04.201 2	Data entry
2.	Book Keeper-I	TBN	Braja Bihari Singh	10.04.201 2	Maintenance office record
3.	Office Boy-I	TBN	Bhibuti Sethi	10.04.201 2	Office work
4.	Night Watchman I	TBN	Dolamani Majhi	10.04.201 2	Watch and ward



3. Bhadrak office:

Sr. No.	Position	Name As Per Contract	Proposed Name	Date of Deployment	Task performs
Key Staff:					
1.	Resident Engineer-cum Sr. Highway Engineer-II	Jagdish Singh	S.K. Tiwari	02.07.2012	Supervision and contract management
Senior Technical Staff					
1.	Highway Engineer -II	Diwejendra Shukla		Deployment not yet approved.	
2.	Highway Engineer -III	B.Ramakrishna Reddy	-	16.04.2012	Absent
3.	Bridge Engineer II	Unit Kumar Jha	-	19.04.2012	CV submitted for approval
4.	Quaintly Surveyor -II	Aditya Choudhary	Sanjay Kumar	19.04.2012	Assisted Client
5.	Env./Safety Engineer-II	Manoj Kumar	-	Deployment not yet approved	
6.	Material/Quality Engineer-II	S.C Dubey	-	Deployment not yet approved	
Junior Technical Staff					
1	Asst. Highway Engineer-II	TBN	-	Deployment not yet approved	
2	Asst. Bridge Engineer-II	TBN	-	Deployment not yet approved	
3.	Asst. Quantity Surveyor –II	TBN	Rina Sahoo	17.08.2012	Assisted Client
4.	Asst. Mat./Quantity Surveyor-II	TBN	Mahendra Prasad Panda	17.08.2012	Assisted Client
5	Asst. Surveyor-II	TBN	Deepti Rekha Das	16.04.2012	Assisted Client
Support Staff					
1.	Word Processor Operator –II	TBN	Tushar Kant Behura	10.10.2012	Data entry
2.	Book Keeper-I	TBN	Sanjay Ku. Lenka	05.04.2012	Maintaining office record
3.	Office Boy-II	TBN	Ramakantha Behra	05.04.2012	Office help
4.	Night Watchman-II	TBN	Prabhakar Singh	05.04.2012	Watch and ward



4. Berhampur office:

Sr. No.	Position	Name As Per Contract	Proposed Name	Date of Deployment	Task performs
Key Staff:					
1.	Resident Engineer-cum Sr. Highway Engineer-II	Diwejendra Shukla	To be proposed	Deployment not yet approved	
Senior Technical Staff					
1.	Highway Engineer - III	Diwejendra Shukla	B.D. Singh	10.05.2012	Co-ordination with client and other line departments
2.	Bridge Engineer III	Tej Pratap Singh	-	Deployment not yet approved	
3.	Quantity Surveyor -III	Vinod Mishra	-	Deployment not yet approved	
4.	Env./Safety Engineer-III	A.K.Srivastva	-	Deployment not yet approved	
6.	Material/Quality Engineer-III	Suresh Prasad Singh	-	Deployment not yet approved	
Junior Technical Staff					
1	Asst. Highway Engineer-III	TBN	-	Deployment not yet approved	
2	Asst. Bridge Engineer-III	TBN	-	Deployment not yet approved	
3.	Asst. Quantity Surveyor –III	TBN	Asit Kumar Das	10.05.2012	Misc. Project related works
4.	Asst. Mat./Quantity Surveyor-III	TBN	-	Deployment not yet approved	
5	Asst. Surveyor-III	TBN	-	Deployment not yet approved	
Support Staff					
1.	Word Processor	TBN	-	Deployment	



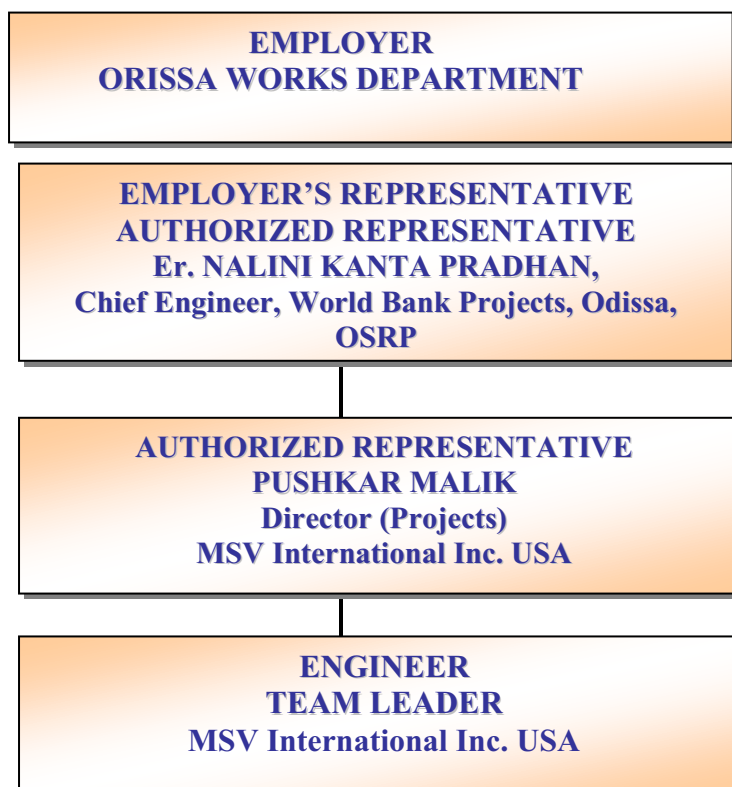
	Operator –III			nt not yet approved	
2.	Book Keeper-III	TBN	Bipra Charan Nayak	1.05.2012	Maintenance office record
3.	Office Boy-III	TBN	C.R. Panda	01.05.2012	Office work
4.	Night Watchman-III	TBN	-	Deployment not yet approved	

It has been noticed that no activity is being undertaken by the contractual agency and the work has almost stopped at Bhadrak and Khariar sites. Further at Berhampur site, the construction contract already stands terminated. Therefore, in view of the present circumstances, minimum staff has been deployed on site.

12.4 CONTRACT MANAGEMENT FRAMEWORK

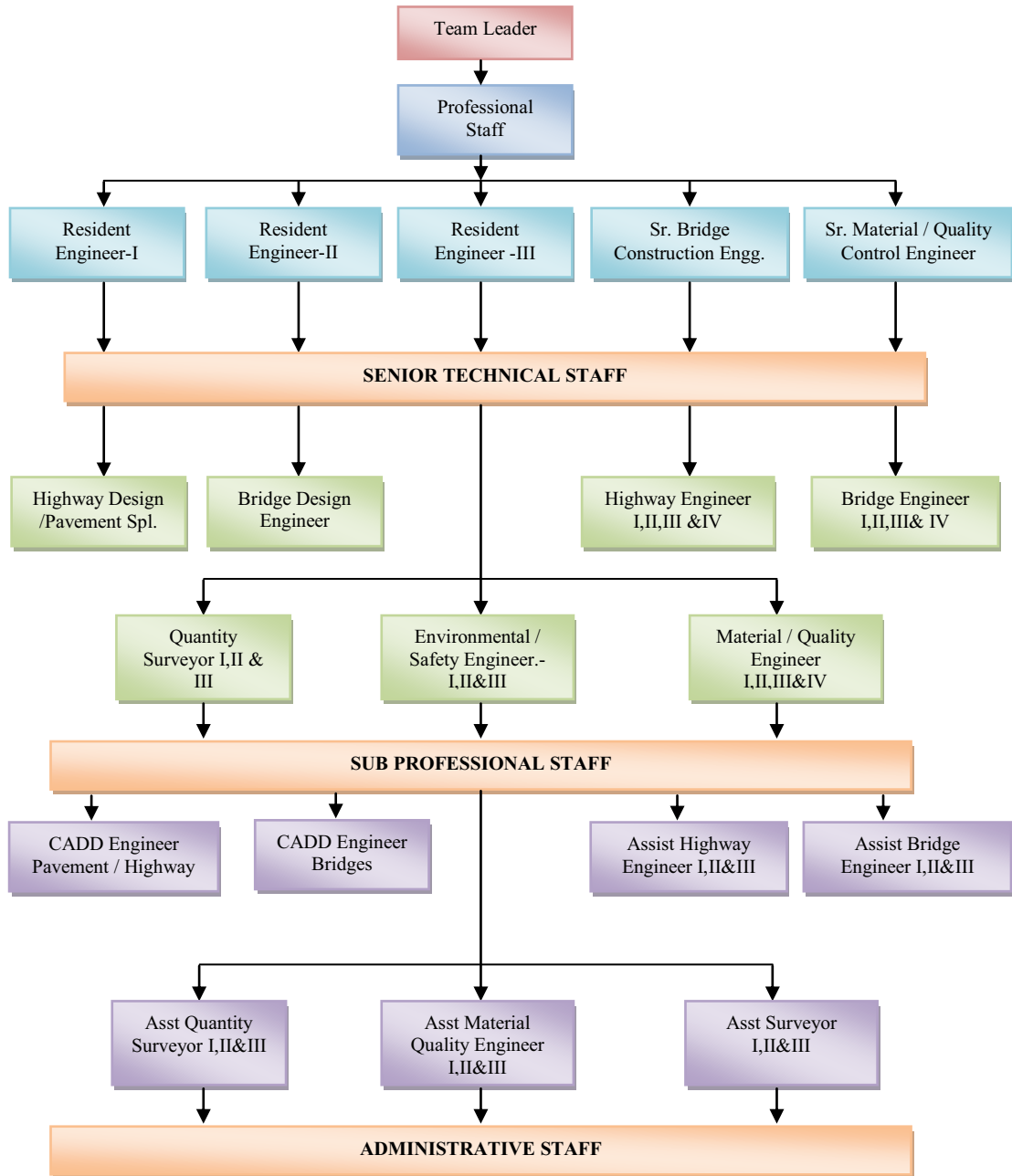
The relationship in the Contract Management Framework between all major parties and the Consultant's proposed Organ gram of Project Team is shown in the following figures. The strength of each link will be determined as the project progresses, but the Consultant will ensure that all major links are developed and maintained at the appropriate level as shown in the figures.

CONTRACT MANAGEMENT FRAME WORK





ORGANIZATION STRUCTURE





12.5 INSPECTIONS

The following site visits have been carried out by various key personnel.

Bhawanipatna Khariar POI

- Sr. Digambar Biswal, Executive Engineer, PO-I- from 28.11.2012 to 30.11.2012
- Mr Shibaji Pradhan Asstt. Engineer P-01- Visited site almost every day.
- Resident Engineer and staff.

S. No.	Name	Designation	Date of visit	Remarks
1	Devendra Sonakiya	Resident Engineer	10,11,15, 25, 27,28 and 30 Nov. 2012	
2	Jagdish Behara	Environment & Safety Engineer		
3	Dilip Kumar	Bridge Engineer	Alternate days in whole month	
4	K.N. Sahai	Material Engineer	Alternate days in whole month	
5	Ravindra Sahai	Quantity Surveyor	Alternate days in whole month	

2. Bhadrak-Chandbali -PO2

Joint inspection by Executive Engineer (R. & B.) Keonjhar, Executive Engineer RWSS Keonjhar, S.D.O., PH, Keonjhar regarding utility shifting pertaining to RWSS, PH of SH-53 from Ch- 26+000 to 43+000 along with Assit. Engg. PMU and R.E, MSV International on 22/11/2012.

Visit of Er. A. K. Tripathy, ER-cum- Executive Engineer PMU, regarding final measurement of PKG- Y1- P 02, on 30/11/2012.

3. Berhampur –Taptapani, PO3

- Jointly visited the site with A.E. PMU regarding checking of tree cutting status.
- Jointly visited the site with L.A.O., Chatrapur & A.E. PMU regarding joint verification of structures at Punjikyana junction at (24+600 Km)
- Jointly with A.E. PMU inspected the condition of diversion as well as main road at Km 29+500 as it was rainy since 2 days. Maintenance of road was in progress under supervision by E.E, Ganjam (R&B) Division-I.
- Attended the meeting of district Magistrate Chatrapur along with E.E, PMU, P03 & A.E. P03 regarding solution of dispute of Punjikyana junction (at 24+600KM)
- Jointly with A. E. PMU visited the condition of road & its maintenance.



- Jointly with A. E. PMU inspected the shifting for water supply line at balipada, Digapahandi & Podamari.
- Attended the inspection of R&R status along with independent third party team on 26.11.12 & 27.11.12

12.5 CONSULTANT'S INVOICE & PAYMENT DETAILS

The details of 7 invoices submitted by the Consultant so far for the months of March 2012 to September 2012 are presented in the following Table. The employer has made huge deductions from invoices submitted by the SC. Most of the deductions are unreasonable and not acceptable to the SC.



Sl. No.	Invoice Details			Payment Details		Deduction made from invoice (Rs)	Remarks
	Month	Date of submission of invoice	Amount (Rs)	Date of payment	Amount (Rs)		
1	March	19.05.2012	260067	29.06.2012	232430	25737	Most of the deduction made by the employer in the invoices are unreasonable and not acceptable to the SC.
2	April	19.05.2012	1439999	29.06.2012	1231784	185328	
3	May	11.06.2012	2104862	18.08.2012	2052028	47022	
4	June	13.07.2012	1931536	07.09.2012	1596422	298250	
5	July	13.08.2012	1883378	25.09.2012	1648100	209397	
6	August	10.09.2012	1506118	31.10.2012	1402570	257836	
7	September	11.10.2012	1822828	07.12.2012	1569310	253518	
8	October	07.11.2012	2139436	Payment not received so far			
9	November	06.12.2012	2020458	Payment not received so far			
	Total		10948788		9732644	1277088	

ANNEXURES



ANNEXURE-A
PHOTOGRAPHS



ANNEXURE –A
PHOTOGRAPHS



Safety measures at PO-2 (Bhadrak –Chandbali) SH-9



Work Progress at PO-1(During 1st and 2nd week)





ANNEXURE-B
KEY CORRESPONDENCE & OTHER
REPORTS





ANNEXURE –B1

KEY CORRESPONDANCE & OTHER ISSUES

1. Key Correspondence

1.1 Package 1

Sl. No.	Date	Letter No.	Reference	Written to	Subject
1	11/19/2012	MSV/RE/P01/38/2012	Contractor's letter No. PATEL-ARSS JV/BPT-KHR/RE/MSV/11-12/62 dated 05/11/2012	Chief Engineer, World Bank Project Orissa	Submission of Interim Payment Certificate No.23
2	11/26/2012	MSV/RE/P01/42/2012	Chief Engineer's letter no.PIU-WB-62/2008(Vol-8) 39473 (Termination of Contract).Dated 21/11/2012	Project Manager	Regarding joint recording of final measurement
3	12/5/2012	MSV/RE/P01/47/2012	PIU-WB-62/2008(Vol-8) 39473, dated 21/11/2012	Chief Engineer, World Bank Project Orissa	Intimation regarding Final measurements

1.2 Package 2 : Nil

1.3 Package 3 :

09/11.2012 MSV/HE/PO3/CTR/2012-01
Ref-CE-WBP-LETTERNO-PIU-WB-47/2008(VOL-6)-35473, dtd.12.10.12
To-The Authorised Signatory , BACKBONE-ARSS JV.
SUB- Final Escalation Bill.



**Annexure B2
Termination Orders
Package 1**

By Mail/Speed Post

**OFFICE OF THE ENGINEER-IN-CHIEF (CIVIL), ODISHA,
NIRMAN SOUDHA, KESHARI NAGAR, UNIT-V, BHUBANESWAR-751001**

Letter No-PIU-WB-62/2008(Vol-8)- 39473 Dt. 21-11-12

From,
Chief Engineer, World Bank Projects, Odisha
Tel: - 0674-2396783, Fax: - +91-674-2391476
Email: pmuosrp@gmail.com

To
M/s PATEL-ARSS- J.V.
Plot No- 38, Sector-A, Zone-D,
Mancheswar Industrial Estate,
Bhubaneswar-751010, Odisha
Fax No-(0674) 2585074
Email-patel-arssjv@arssgroup.in

Sub: - Widening and Strengthening of existing carriageway to 2 lane road from Bhawanipatna to Khariar (Km.2/0 to 70/0 Km. of SH-16) vide Package No-OSRP-CW-ICB-Y1-P01 under Agreement No. 5 of 2008-09- Termination of Contract.

Ref:- This office Letter No Letter No.37859 Dated 06.11.2012
Your Letter No.PATEL/CE/WBP/P01/2012-13/715 Dated 14.11.2012

Sir,

The reply submitted by you vide your above referred letter to the notice of termination issued vide this office letter no.37859dt.06.11.2012 has not been found satisfactory at all. Therefore, in continuation to our letter no37859 dated06.11.2012 the Contract Agreement No.5 of 2008-09 for abovementioned work is terminated on the expiry of 14 days notice i.e. w.e.f.21.11.2012 under sub.clauses15.2(a), and 15.6 (ii) of General Conditions of Contract of the Agreement for your failure to perform obligations under the Contract. This action to terminate the Contract is without prejudice to any other right of the Employer, under the contract or otherwise to recover the liquidated damages.

Following the termination, you must leave the site (including the places to which Plant and Materials are to be delivered) and deliver any Goods (which includes Plant, Materials, Temporary Works and Contractor's Equipment, including sub contractor's equipment) required, Documents and other Design Documents made by or for you to the Engineer.

Please ensure the presence of your representative at site on 30.11.2012 at 11.00 hrs for joint recording of final measurements of the work done by you and for facilitating valuation of the work in terms of GC sub.cl.15.3 and 15.4 of the Contract Agreement.

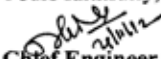
It may please be noted that in case your representative does not attend the site on the said appointed date and time, the measurements taken by the Engineer shall be considered as final.



The Performance Security of Rs. 5,27,57,000.00 given by you in the shape of Bank Guarantee for proper performance of the contract is only valid up to 15.09.2013. The work left incomplete by you shall be completed through other entities and it may take about two years for their completion. Therefore, in view of likely completion of the remaining work by 31.10.2015 and in terms of GC sub.clause 15.3 and 15.4 of the Contract Agreement, the cost of completion cannot be established at this stage for final valuation. You are accordingly requested to extend the validity of Performance Security till 31.10.2015 so that it remains enforceable till the completion of the work and final valuation determined.

An advance payment of Rs. 5,27,56,956.00 has been made to you for mobilization and cash flow support in terms of GC sub, cl.14.2 of the Contract Agreement against Bank Guarantee. This advance payment was to be repaid by you through percentage deductions from the interim payments when the total interim payments exceed 30 % of the contract value. Accordingly deduction of Rs.19,72,873.00 has been made from your IPC No-22 leaving a balance of Rs.5,07,84,083.00 yet to be deducted from you Further an amount of Rs.1,00,00,000.00 is outstanding against you out of the material advance given to you against Bank Guarantee. You are now requested to repay this amount within one month of the issue of this letter.

Yours faithfully,


Chief Engineer
World Bank Projects, Odisha

Memo No.

39474

Date. 21.11.12

Copy submitted to the **Engineer-in-Chief-cum-Secretary to Government**, Works Department, Odisha, and Bhubaneswar for kind information and necessary action.

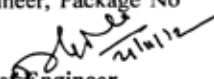

Chief Engineer
World Bank Projects, Odisha

Memo No.

39475

Date. 21.11.12

Copy forwarded to **Team Leader, MSV. International, INC. USA**, N-1/39, First Floor, IRC Village, Nayapalli, Bhubaneswar, Odisha-751015/ Resident Engineer, Package No P01 Bhadrak for information and necessary action.


Chief Engineer
World Bank Projects, Odisha



Termination Orders Package 2

By Mail/Speed Post

OFFICE OF THE ENGINEER-IN-CHIEF (CIVIL), ODISHA,
NIRMAN SOUDHA, KESHARI NAGAR, UNIT-V, BHUBANESWAR-751001

Letter No-PIU-WB-60/2008(Vol.-8)- 39468 Dt. 21.11.12

From,

Chief Engineer, World Bank Projects, Odisha
Tel: - 0674-2396783, Fax: - +91-674-2391476
Email: pmuosrp@gmail.com

To

M/s SOMDATT BUILDERS-ARSS- J.V.
Plot No- 38, Sector-A, Zone-D,
Mancheswar Industrial Estate,
Bhubaneswar-751010, Odisha
Fax No-(0674) 2585074
Email-somdattbuilders-arssjv@arssgroup.in

Sub: - Widening and Strengthening of existing carriageway to 2 lane road for Chandbali-Bhadrak-Anandpur road (km0/0 to 45/0km of SH-9 and km0/0 to 50/0km of SH-53) vide Package No-OSRP-CW-ICB-Y1-P02 under Agreement No. 4 of 2008-09- Termination of Contract.

Ref:- This office Letter No Letter No.37862 Dated 06.11.2012
Your Letter No.SBD/CE/WBP/P02/2012-13/714 Dated 14.11.2012

Sir,

The reply submitted by you vide your above referred letter to the notice of termination issued vide this office letter no.37862dt.06.11.2012 has not been found satisfactory at all. Therefore, in continuation to our letter no37862 dated06.11.2012 the Contract Agreement No.4 of 2008-09 for abovementioned work is terminated on the expiry of 14 days notice i.e. w.e.f.21.11.2012 under sub.clauses15.2(a),15.2(b),15.2(c)(ii) and 15.6 of General Conditions of Contract of the Agreement for your failure to perform obligations under the Contract. This action to terminate the Contract is without prejudice to any other right of the Employer, under the contract or otherwise to recover the liquidated damages.

Following the termination, you must leave the site (including the places to which Plant and Materials are to be delivered) and deliver any Goods (which includes Plant, Materials, Temporary Works and Contractor's Equipment, including sub contractor's equipment) required, Documents and other Design Documents made by or for you to the Engineer.

Please ensure the presence of your representative at site on 30.11.2012 at 11.00 hrs for joint recording of final measurements of the work done by you and for facilitating valuation of the work in terms of GC sub.cl.15.3 and 15.4 of the Contract Agreement.



It may please be noted that in case your representative does not attend the site on the said appointed date and time, the measurements taken by the Engineer shall be considered as final.

The Performance Security of Rs. 10, 81, 16,000.00 given by you in the shape of Bank Guarantee for proper performance of the contract is only valid up to 30.04.2014. The work left incomplete by you shall be completed through other entities and it may take about two years for their completion. Therefore, in view of likely completion of the remaining work by 31.10.2015 and in terms of GC sub.clause 15.3 and 15.4 of the Contract Agreement, the cost of completion cannot be established at this stage for final valuation. You are accordingly requested to extend the validity of Performance Security till 31.10.2015 so that it remains enforceable till the completion of the work and final valuation determined.

An advance payment of Rs. 10, 81, 15,882.00 has been made to you for mobilization and cash flow support in terms of GC sub, cl.14.2 of the Contract Agreement against Bank Guarantee. This advance payment was to be repaid by you through percentage deductions from the interim payments when the total interim payments exceed 30 % of the contract value. Since the work done by you till the last interim payment made in IPC No-20-was less than 30 %, no deductions for repayment of this advance could be effected from the interim payments. You are now requested to repay this amount within one month of the issue of this letter.

Yours faithfully,

[Signature]
21/11/12
Chief Engineer

World Bank Projects, Odisha

Memo No.

39469

Date. 21-11-12

Copy submitted to the **Engineer-in-Chief-cum-Secretary to Government**, Works Department, Odisha, and Bhubaneswar for kind information and necessary action.

[Signature]
21/11/12
Chief Engineer

World Bank Projects, Odisha

Memo No.

39470

Date. 21-11-12

Copy forwarded to **Team Leader, MSV. International, INC. USA**, N-1/39, First Floor, IRC Village, Nayapalli, Bhubaneswar, Odisha-751015/ Resident Engineer, Package No P02 Bhadrak for information and necessary action.

[Signature]
21/11/12
Chief Engineer

World Bank Projects, Odisha



Annexure B3 Letters regarding Maintenance Package 1



ISO 9001:2008

Team Leader Office:
MSV International, Inc. USA
N-1/39 First Floor, IRC Village Nayapalli,
Bhubaneswar Odisha-751015
Email: mso.odisha@msv.com
Tel: 06742558020

Resident Engineer Office:
MSV International, Inc. USA
Shri Hari Nagar, Near Petrol Pump
Kantabhanji Road - Khariar Odisha-766107
Email: msvrcp1@gmail.com
Tel:

MSV/RE/P01/46/2012

Date:- 29/11/2012

To

The Executive Engineer
R&B Division Kalahandi
Bhawanipatana, Odisha

Contract: - Package No.OSRP-CW-ICB-Y1-P01 with World Bank assistance. Widening and Strengthening of existing carriageway to two lanes from Bhawanipatana to Khariar SH-16 (Km.2 - 000 to Km.70 - 000)

Regarding Maintenance of Project Road

Ref.:- Chief Engineer's letter no.PIU-WB-62/2008(Vol-8)- 39473 dated 21/11/2012

Sir,

Due to termination of Contract, the contractor has stopped all activities on project road since 21/11/2012. Local people are complaining regarding maintenance. As per instruction of Chief Engineer, it is requested to you to start the Routine Maintenance activities on the project.

This for urgent necessary action please

For MSV International Inc.

D.K.Sonakiya
Resident Engineer
World Bank Project
Package-P-01 Khariar

- Cc . 1. Chief Engineer World Bank Project for information please
2. Mr.D. Biswal Executive Engineer World Bank Project P-01 for information and necessary action please
3. Team Leader MSV International Inc for information please

Received a
copy
22/11/12



Status of the stretch from Km. 40/0 to Km. 70/0 of SH 16 under Khariar (R&B) Division,

Khariar

From	To	Length in Kms	LHS	RHS	Remarks
40.000	47.350	7.350			-
47.350	49.550	2.200			-
49.550	50.000	0.450			-
50.000	50.550	0.550	Existing Road		Requires pot-hole repair
50.550	50.750	0.200			-
50.750	51.550	0.800			-
51.550	51.840	0.290			-
51.840	52.550	0.710			-
52.550	53.250	0.700	Existing Road		Pot-hole repair & maintenance of 2 Nos. of Diversions
53.250	53.535	0.285		Sub-Gr	-
53.535	54.960	1.425			-
54.960	55.730	0.770	Existing Road		Requires pot-hole repair
55.730	57.060	1.330			-
57.060	57.100	0.040	CD approach		Metalling with dust blinding
57.100	57.550	0.450			-
57.550	59.650	2.100	Existing Road		Requires pot-hole repair
59.650	59.860	0.210			-
59.860	59.940	0.080	CD approach		Metalling with dust blinding
59.940	60.510	0.570			-
60.510	60.580	0.070	CD approach		Metalling with dust blinding
60.580	61.270	0.690			-
61.270	61.400	0.130	CD approach		Metalling with dust blinding
61.400	62.080	0.680			-
62.080	62.150	0.070	CD approach		Metalling with dust blinding
62.150	63.290	1.140			-
63.290	63.400	0.110	CD approach		Metalling with dust blinding
63.400	64.410	1.010			-
64.410	64.450	0.040	CD approach		Metalling with dust blinding
64.450	64.850	0.400			-
64.850	64.920	0.070	CD approach		Metalling with dust blinding
64.920	65.550	0.630			-
65.550	65.740	0.190	CD approach		Metalling with dust blinding
65.740	67.040	1.300			-
67.040	67.150	0.110	CD approach		Metalling with dust blinding
67.150	67.470	0.320			-
67.470	67.550	0.080	E/W in Embankment		Regular watering required
67.550	70.000	2.450	Existing Road		Pot-hole repair & maintenance of 2 Nos. of Diversions
Total		30.000			



Status of the stretch from Km. 2/0 to Km. 40/0 of SH 16 under Kalahandi (R&B) Division, Bhawanipatna.

From	To	Length in Kms	LHS	RHS	Remarks
2.000	18.600	16.600	Existing Road		Requires pot-hole repair
18.600	20.600	2.000	E/W in Embankment		Regular watering required
20.600	20.800	0.200	CD approach		Diversion maintenance
20.800	21.200	0.400	Sub-Grade Top		Regular watering required
21.200	21.660	0.460	WMM 1st. Layer		Dust blinding & watering required
21.660	24.500	2.840	WMM Top Layer		-do -
24.500	24.570	0.070	WMM 1st.	WMM Top	-do -
24.570	25.680	1.110	WMM Top		-do - in LHS
25.680	25.740	0.060	WMM Top Layer		Dust blinding & watering required
25.740	26.440	0.700		WMM Top	-do - in RHS
26.440	26.680	0.240			-
26.680	26.720	0.040	WMM Top Layer		-do -
26.720	27.000	0.280			-
27.000	30.000	3.000	TEL approach		Requires pot-hole repair
30.000	30.320	0.320	WMM 1st. Layer		Dust blinding & watering required
30.320	30.800	0.480			-
30.800	30.870	0.070	CD approach		Requires pot-hole repair
30.870	31.240	0.370			-
31.240	31.350	0.110	CD approach		Requires pot-hole repair
31.350	31.990	0.640			-
31.990	32.550	0.560	Sub-Grade Top		Regular watering required
32.550	33.700	1.150			-
33.700	33.800	0.100	CD approach		Requires pot-hole repair
33.800	34.690	0.890			-
34.690	34.760	0.070	CD approach		Requires pot-hole repair
34.760	35.027	0.267			-
35.027	38.070	3.043			-
38.070	38.470	0.400			-
38.470	40.000	1.530			-
Total		38.000			



Letters regarding Maintenance Package 3

Ref:-MSV/HE/P03/EE/2012-02

Dt. 20.12.12

To,
The Executive Engineer-P03
PMU, Odisha State Road Projects
Odisha, Nirman Soudha
Bhubaneswar

Sub.-:Consultancy services for construction supervision of 1st year roads (Balance Work) of Odisha State Road Projects.

Reg.Maintenance of Berhampur to Taptapani Road (sh-17) under Package P03.

Ref:-Contract Agreement No. 4 of 2011-2012.

Sir,

It is to inform you that the construction activity on the subject road was stopped since Sept.2011 & no proper maintenance work has been taken up on the said road. Due to non maintenance of the road numbers of potholes have been developed hampering smooth playing of traffic. The details of road chainage having severe potholes are as under:-

Road Chainage		
S.L No	From	To
1	7+200	7+400
2	10+800	11+000
3	20+520	21+200
4	23+300	23+400
5	25+150	25+200
6	29+500	Minor Bridge Approach Portion
7	34+900	35+000
8	37+520	37+630
9	38+450	38+550
10	38+700	38+800
11	38+940	39+000
12	39+400	39+500
13	39+500	39+600
14	40+430	40+450
15	40+600	40+630
16	40+970	41+000

Therefore you are requested to kindly take up immediate necessary measures so as to maintain the road for smooth traffic movement at the earliest.

Thanking you & assuring you of best professional services at all times



Yours truly

A handwritten signature in black ink, appearing to read 'B.D. Singh', with a horizontal line underneath.

B. D. Singh
Highway Engineer
MSV International Inc.USA
Berhampur-P03

Enclosers: Photos enclosed

CC: Team Leader