

# Punjab State Road Sector Project

Project No. P 090585-IN

Loan No. 4843-IN

## Quarterly Implementation Progress Report # 10

Reporting Period: 1<sup>st</sup> July 2009 to 30<sup>th</sup> September 2009



**Punjab Roads & Bridges Development Board**  
SCO 61-62, Phase 2, SAS Nagar, Mohali (Chandigarh)  
India 160055

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Project Name: Punjab State Road Sector Project      Project No. P090585-IN  
Loan No.4843-IN

Report Name: Quarterly Implementation Progress Report # 10

Reporting Period: 1<sup>st</sup> July 09 to 30<sup>th</sup> September 09

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## **ISSUE REGISTER**

<b><u>Distribution List</u></b>	<b>Date of Issue</b>	<b>No. of Copies</b>
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Planning Department, GoP	11 <sup>th</sup> December 2009	2
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**CONTENTS**

EXECUTIVE SUMMARY	6
<b>1 General</b>	<b>11</b>
1.1 Reporting Requirements	11
1.2 Loan Status	11
1.3 Financial Management	11
1.4 Bank Mission	13
1.5 Empowered Committee meeting	14
1.6 Project Steering Committee meeting	14
1.7 Proposed Repeater Project	14
<b>2 Project Management and Implementation</b>	<b>14</b>
2.1 Procurement Status	14
2.2 Implementation Status - Civil Works	15
Periodic Maintenance Works	15
Rehabilitation Works	16
Up gradation Works	16
2.3 Custom / Excise Exemption Details	18
2.4 Variation Details	18
2.6 Implementation of Environment Management Plan	25
2.7 Resettlement & Rehabilitation Activities	28
2.8 Pre Construction Activities:	30
<b>3 Seminars, Workshops &amp; Trainings</b>	<b>32</b>
<b>4 Complaints</b>	<b>32</b>
<b>5 Court Cases</b>	<b>33</b>
Appendix 1	34
Appendix-2	41
Appendix 2A	42
Appendix 3	54
Appendix 4	55
Appendix 5	56
Appendix 6	57
Appendix 7	58
Appendix 8	59
Appendix 9	62
Appendix 10	64
Appendix 11	73
Annexure I	74
Annexure II	83

**List of Acronyms**

BA	Borrow Area
BCEOM	BCEOM Societe Francaise d' Ingenierie, France
CSC	Construction Supervision Consultant
CES	Consulting Engineering Services (I) Pvt. Ltd., New Delhi
COI	Corridor of Impact
CPR	Common Property Resources
DISA	Development Initiatives for System Alternatives, New Delhi
DPR	Detailed Project Report
DRE	Deputy Resident Engineer
EMP	Environmental Management Plan
EO	Environmental Officer
FMR	Financial Management Report
GIS	Geographical Information System
GOI	Government of India
GOP	Government of Punjab
ICT	Intercontinental Consultants & Technocrats Pvt. Ltd.
ICTC	Integrated Centers for Testing and Counselling
IDS	Institutional Development Studies
MPR	Monthly Progress Report
MOEF	Ministry of Environment and Forest, Government of India
MOF	Ministry of Finance, Government of India
NGO	Non Government Organization
NO	No Objection
NTH	Non Title Holders
OPRC	Output & Performance Based Road Contracts
PCD	Project Concept Document
PM	Periodic Maintenance Work
PSRA	Punjab State Road Agency
PRBDB	Punjab Roads & Bridges Development Board
PSRSP	Punjab State Road Sector Project
PwC	PricewaterhouseCoopers Private Limited
R&R	Resettlement & Rehabilitation
RAP	Resettlement Action Plan
RH	Rehabilitation Work
SPW	Secretary Public Works
TAC	Technical Advisory Consultant

TH	Title Holders
UG	Up-gradation Work

### Acronyms used for Phase I Roads

PM/1	Periodic Maintenance of Anjala Ramdass & Chehrata Dand Bir Road
PM/2	Periodic Maintenance of Gurdaspur SriHargobindpur Road
PM/3a	Periodic Maintenance of Sunam Longowal Badbar Road
PM/3b	Periodic Maintenance of Pakhokey Tappa Road
PM/4	Periodic Maintenance of Khanna Samrala Nawanshahar Garhshankar Road
PM/5	Periodic Maintenance of Kapurthala Tashpur Sultanpur Dalla Road
PM/6	Periodic Maintenance of Sitogana Dabwali Road
PM/7	Periodic Maintenance of Faridkot to Ferozepur road
PM/10	Periodic Maintenance of BaghaPurana Bhagta Bhucho Road
PM/11	Periodic Maintenance of Sri Hargobindpur Batala Dera Baba Nanak Road
RH/1	Rehabilitation of Ferozepur Zira Road
RH/2	Rehabilitation of Chandigarh Landran Chunni Sirhind Road
RH/3	Rehabilitation of Phillaur Aur Rahon Nagar Road
RH/4	Rehabilitation of Kapurthala Tarn Taran Road
RH/5	Rehabilitation of Dharmkot Zira Road
RH/6	Rehabilitation of Patiala Sirhind Road
UG/1	Upgradation of Kharar Banur Tepla Road
UG/2	Upgradation of Ludhiana Malerkotla Sangrur Road
UG/3	Upgradation of Attari Chabbal TarnTaran Road

## Quarterly Implementation Progress Report

### EXECUTIVE SUMMARY

This Quarterly Implementation Progress Report (#10 has been prepared in pursuance of Section II A (1) of the Project Agreement and covers the period from 1<sup>st</sup> July 09 to 30<sup>th</sup> September 09 [the Quarter].

Till 30<sup>th</sup> Sep 2009, total receipt of funds to PRBDB for PSRSP is Rs. 605.45 Crores. Rs. 442.65 crore were received from WB and GOP has contributed Rs. 162.80crore.

A total of Rs 596.91 Crores has been spent on the Project including Rs. 33.29 crores during the Quarter.

Total loan disbursed by WB till Sep 09 is USD 110.26 Million (44.11 %).

Current forecast for requirements of funds for the next two quarters (beginning 1st Oct 09 and ending 31 March 2010) is Rs 124.60 Crores. Net requirement of funds from the World Bank during next six month is Rs. 81.89 Crores.

An interim World Bank mission visited Punjab from July 20-25, 2009 to review progress on Phase II preparation work on Output and Performance based Road Contracts and to review civil work progress on two major Phase I contracts UG/1 and UG/2. This interim mission was in continuation of the fifth implementation support mission fielded during May 2009.

Joint DEA/ Bank Bi- Annual Transport Sector Portfolio Review Meeting was held in New Delhi on September 1-2, 2009.

Pursuant to discussions held during 4<sup>th</sup> and 5<sup>th</sup> Implementation Support mission, to implement the proposed enhanced OPRC implementation, Government of Punjab has forwarded the Project Concept Document (PCD) for additional funding of USD 300 million (termed as a repeater project) to GOI on 14<sup>th</sup> September 09.

Progress on UG/1 & UG/2 remained slow, but rehabilitation works have been substantially completed. The work on Phillaur Nagar Rahon (RH/3) was completed during the quarter.

For rectification of the defective reaches of Sunam Badbar Road (PM/3a), a single bid from M/s Gupta Builder, Sunam was received by due date. Pursuant to the decision of Bid Evaluation Committee, work was allotted to the agency on 15<sup>th</sup> Sep 09.

400 hand held GPS instruments were received on 8<sup>th</sup> July 09. The instruments were handed over to Punjab Police for recording of road crash locations. Training to Punjab Police Personnel on use of these GPS units was held at 6 locations across the state.

CSC has yet not mobilized Quality Assurance Specialist. The issue of slow progress on both UG works and the quality of work on UG/1 was conveyed to the CSC for immediate compliance. The meeting was also held with CSC to review compliance to various contractual provisions in accordance with the ToR. Performance review report was also sought from the Employer, Chief Engineer (PSRSP)

The final meeting of the IDS Committee was held under the Chairmanship of SPW on 17<sup>th</sup> July 09. All the recommendations of the IDS Committee which were finalized during the course of earlier meeting were deliberate upon and finalized. The Consultant was asked to submit the final report based on these recommendations.

As agreed during World Bank mission, the NGO for RAP Implementation was asked to undertake impact assessment due to construction of drains along the project roads. The NGO on 22<sup>nd</sup> Sep 09 submitted the impact assessment report along with the variation order (third) amounting to Rs. 5,21,200/- for these additional services. The report and the variation order are under review.

For Output and Performance based Road Contracts, in the meeting held with World Bank officials on May 7, 2009 it was decided to merge two networks of Bathinda / Malout & Sangrur / Mansa as one contiguous network and to add inter connecting roads to this network. In this regard, in the meeting held with Hon'ble Chief Minister Punjab on 6<sup>th</sup> July, 2009 approx 110 kms of interconnecting roads were recommended to be added to merge the two networks. During the quarter, the time period of the Consultancy services was extended by another six months (i.e. upto 22<sup>nd</sup> Nov, 09) and the Consultant was requested to submit the variation for this additional work. Meetings held during World Bank interim mission visit (on 23<sup>rd</sup>, 24<sup>th</sup> and 26<sup>th</sup> July, 2009) it was decided that the interim draft final report shall be submitted by the end of September and shall replace the second interim report. In principle approval to conduct data collection using FWD on the entire 595 km of Sangrur Mansa Bathinda network was given to the Consultant. Team Leader of M/s Opus International Consultant, Mr. Robert Fergestrom expressed his unavailability for the consultancy from 12<sup>th</sup> Aug, 09 onwards owing to prior commitments. Accordingly the Consultant proposed the names of Mr. Chin Chi Haw, Mr. Suhaimi Abdul Aziz and later Mr.

Laurie McDonald for the post of Team Leader. Mr. Laurie McDonald has been called for meeting with the Client.

During the quarter, the NGO for HIV / AIDS awareness mobilized Behavioral Science Expert after seeking client's approval for the replacement and submitted Periodic Evaluation Report – I. The NGO is undertaking awareness programs for target population and training sessions for indentified target groups for capacity buildings along phase I road corridors. As agreed with the World Bank to initiate awareness generation on HIV/AIDS among existing road users/ village communities along phase II road corridors and start up with construction companies when their road work starts, the proposal for undertaking modifications in the contract agreement pertaining to payment schedule, reporting schedule and revised list of road corridors was shared with the bank. No Objection to the proposal was accorded by the bank on 16<sup>th</sup> Sep 09.

There is still delay in the completion of GIS based digitization of maps for road network. During the quarter, financial proposal for additional services for ground truthing of data was evaluated and agreement with contract amount of Rs. 10.85 lac is likely to be signed in Oct 09.

For Integrated Transport Policy and Strategy and Strategic Investment Plans study, following No Objection from the World Bank , the contract agreement was signed on 11<sup>th</sup> Aug 09 and the services were commenced from 25<sup>th</sup> Aug 09.

For Development of Road Safety Strategy and Generating Awareness on Traffic and Road Safety, RFP was transmitted to the Bank for seeking No Objection on 16<sup>th</sup> July 09. No Objection is still awaited.

Provision of funds to the tune of Rs. 110 crores for Road Maintenance Fund is still to be made. Executive Engineer, Provincial Division, Punjab PWD (B&R), Chandigarh has been declared DDO for the operation of RMF under the head "8225 Road & Bridges Fund".

For Road User Satisfaction Surveys, revised Pilot Survey Report was reviewed and finalized by the Review Committee in the meeting held on 3<sup>rd</sup> July 09. The Consultant conducted Road User satisfaction Survey (RUSS) from 24<sup>th</sup> Aug to 28<sup>th</sup> Sep 09. Draft Survey report is expected in the last week of Oct 09.



The World Bank's 'No Objection' to the RFP for appointment of project consultant for computerization of PWD was received from World Bank on 20th July, 2009. The RFP was issued to the six qualified consultants on 23rd July, 2009. The Pre proposal meeting was held on 17th Aug, 2009. The World Bank accorded NO to draft minutes of the pre proposal meeting on 15<sup>th</sup> Sep 09. Accordingly, the date of submission of proposals was extended till 5th Oct, 2009.

Internal Audit for financial year 2008-09 is ongoing. For hiring Internal Auditor for undertaking internal audit of PSRSP for financial years 2009-10 and onwards, REOI was forwarded to the World Bank for seeking NO.

Efforts are being made to rectify observed non compliance of EMP, Traffic Management and workers safety etc. on work sites.

For land acquisition under the Project, Rs. 67.40 crores have been distributed as land compensation and R&R assistance till date, and 93.64% (out of 50.003 acres) land has been acquired so far. For disputed title holding and absentees land owners on UG/1 and UG/2, amount of award (Rs.2, 73, 29, 779/-) under section 11 of LA Act has been deposited with the concerned Sub Divisional Magistrates. Shifting of CPRs is ongoing.

During the quarter, status of shifting of electric utilities and tree cutting along the up gradation road corridors was reviewed by the Hon'ble Public Works Minister. Follow up review meetings with the Forest Department and Punjab State Electricity Board were held by Chief Engineer (PSRSP) in Aug 09. Shifting of electric utilities on UG/1 & UG/2 is ongoing at slow pace. Shifting of public health utilities is ongoing on UG/1 and for other road contracts it stands completed.

Dispute Boards of UG/1, UG/2 & RH/4 made site visits during the quarter. On RH/4, dispute regarding claim of payment for the lab set up at plant site was raised by the contractor. The dispute was settled in favour of the Department by DB and thus the contractor has expressed to go for arbitration.

On RH/1 and RH/5, the Adjudicator has fixed hearing for 9<sup>th</sup> Oct 09 pertaining to the disputes regarding providing, installing, commissioning and testing of street lighting system and revision in price adjustment percentage for all components.

On RH/3, no action was taken during the quarter for settlement of disputes.

Next date for hearing has been fixed for 9<sup>th</sup> Oct 09 in the writ petition filed in the High Court by the Gram Panchayat, Pohir. In the case filed by Sh. Ajit Singh and others in the court of the Civil Judge Senior Division, date for hearing has been fixed for 28<sup>th</sup> Nov 09.

During the quarter, Chief Engineer (PSRSP) asked Superintending Engineer (IP) to investigate the complaint of Mr. Mohinder Singh s/o Mr. Gurdev Singh regarding use of low quality material on Tapa Pakkho Kaichiya Road by the Contractor. The checking was done by Superintending Engineer (IP) in the presence of concerned officials and the complainant. The investigation was completed and CE (PSRSP) has expressed his agreement with the checking report and has recommended for this complaint to be filed. A copy of the site investigation report was forwarded to the World Bank on 29th Sep, 2009.

**Overall the Project Progress is satisfactory.**

## **1 General**

### **1.1 Reporting Requirements**

Quarterly Implementation Progress Report: Ninth Quarterly Implementation Progress Report (#9, April – June 09) was issued on 30<sup>th</sup> September 09.

### **1.2 Loan Status**

During this quarter, Rs. 60.76 crore have been received at PRBDB from the World Bank.

Total receipt of funds from World Bank ending this quarter is Rs. **442.65 Crores**.

Total receipt from GOP, ending 30<sup>th</sup> Sep 2009, is Rs. **162.80 Crores**.

**Thus total receipt for PSRSP, ending 30<sup>th</sup> Sep 2009, was Rs. 605.45 Crores (40.36%).**

During the quarter, Rs. 33.29 Crores were spent on the Project. Overall expenditure ending 30<sup>th</sup> Sep 2009 was **Rs 601.98 crores (40.13%)**. [*including PPF of Rs. 5.07 Crores*]

The current forecast of the funds requirement for next two quarters is **Rs 124.60 Crores**. It includes liabilities amounting to Rs. 7.44 crore mostly for payment of retention money on Rehabilitation contracts.

#### **Disbursement Claims**

**Total disbursement made by WB till 30<sup>th</sup> Sep 2009 is 110.26 Million USD (44.11%)** against a target of 107.35 Million USD.

A disbursement claim amounting to Rs. 113.65 Crore was filed with Controller of Aid, Audit and Accounts, Ministry of Finance, Government of India on 13 August 2009.

### **1.3 Financial Management**

For FY 2009-10, under the head of Account 5054 - Capital outlay on Roads & Bridges (Plan) is Rs. 275 Crores.

During this Quarter, the total receipt of funds to PRBDB for PSRSP is Rs 60.76 Crore of which WB remittance is Rs 60.37 Crore [of the disbursed amount of Rs. 90.37

crore; only Rs. 30 crore was released by GOP to PRBDB previously], direct GOP remittance is NIL and from other receipts/ income (deemed GOP share) is Rs 0.03 crore (net of TDS).

Till 30<sup>th</sup> Sep 09, total receipts of funds to PRBDB for PSRSP is Rs. 605.45 Crores (WB funds 442.65 Crores, direct GOP funds Rs 148.30 Crores and Other receipts Rs 14.49 Crores).

This Quarter, **Rs 33.29 Crores** were spent on the Project, including the current liabilities (retention money, security deposits, inter unit transactions etc.) of **Rs. 3.18 Crores**. The expenditure on the various components of the Project was **Rs 36.29 Crore (+)**, Advances to the suppliers/ others added to **Rs 0.02 Crores (+)** while recoveries of **Rs. 3.02 Crores** were affected.

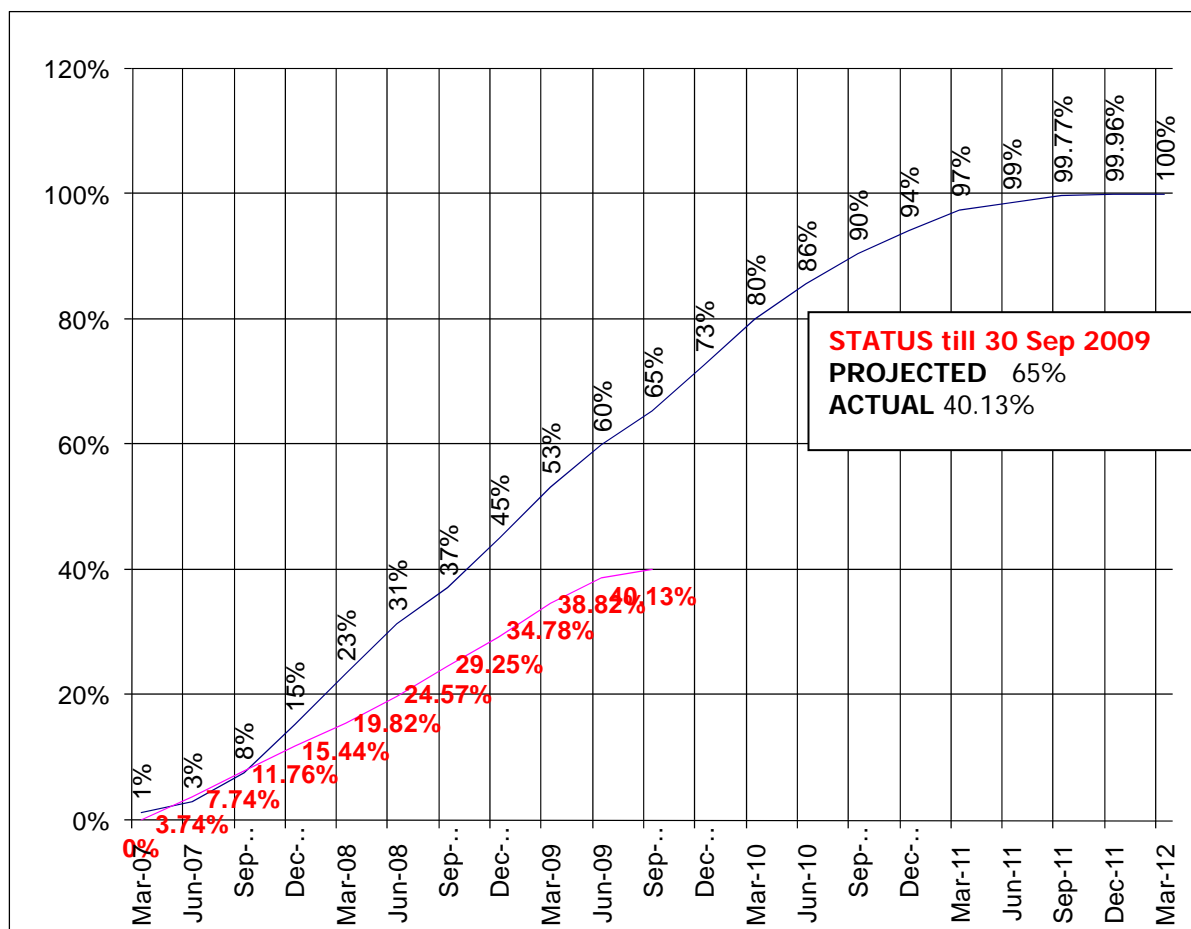
Till date the project has current liabilities of Rs. 22.11 crores

Since the effectiveness of loan, total expenditure on the Project is Rs 596.91 Crores. This amount is subject to a difference of Rs. 3,13,271/- in Bank Reconciliation Statement which is being reconciled. Total expenditure including that under the PPF is Rs. 601.98 Crores. This is 40.13% of the total project cost.

The FMR reports are included as Appendix - 1.

Some discrepancies were noted by the CA in the expenses component of the previous FMRs (Quarter ending 31 Mar 09 & 30 June 09). These have been amended, and a copy of the revised Format 1 (relevant portion) of the respective FMRs is attached as Annexure – II.

### S-CURVE FOR FINANCIAL PROGRESS



#### 1.4 Bank Mission

An interim World Bank mission visited Punjab from July 20-25, 2009 to review progress on Phase II preparation work on Output and Performance based Road Contracts and to review civil work progress on two major Phase I contracts UG1 and UG2. This interim mission was in continuation of the fifth implementation support mission fielded during May 2009. The Country Director, the World Bank, India conveyed the mission’s observations vide letter dated Aug 28, 2009 addressed to Chief Secretary, GoP.

Joint DEA/ Bank Bi- Annual Transport Sector Portfolio Review Meeting was held in New Delhi on September 1-2, 2009 which was attended by Secretary Public Works, Chief Engineer (PSRSP), Project Director and Deputy Project Director.

Status report of agreed action points, during the 5<sup>th</sup> Implementation World Bank mission is attached at Appendix -2.

### **1.5 Empowered Committee meeting**

No meeting of Empowered Committee was held during the quarter.

### **1.6 Project Steering Committee meeting**

No meeting of Project Steering Committee was held during this quarter.

### **1.7 Proposed Repeater Project**

Pursuant to discussions held during 4<sup>th</sup> and 5<sup>th</sup> Implementation Support mission, to implement the proposed enhanced OPRC implementation in three networks across the state (with estimated cost of USD 420 million), Government of Punjab forwarded the Project Concept Document (PCD) for additional funding of USD 250 million (termed as a repeater project) to Department of Economic Affairs (GOI) on 13<sup>th</sup> July 09. PCD was revised for USD 300 million in accordance with the revised cost of OPRC road networks. For this requirement of USD 300 million, loan assistance from the World Bank would be around USD 225 million and balance USD 75 million would be contributed by GOP as counterpart funding. On advice of DEA, revised PCD was forwarded to MORT&H , Planning Commission and Department of Expenditure, Ministry of Finance (GOI) on 14<sup>th</sup> Sep 09.

## **2 Project Management and Implementation**

### **2.1 Procurement Status**

#### **(A) Works**

For rectification of the defective reaches of Sunam Badbar Road (PM/3a), letter of award to M/s Gupta Builders, Sunam was issued on 15<sup>th</sup> Sep 09.

#### **(B) Goods**

400 hand held GPS instruments received during the quarter were further distributed to Punjab Police for recording of Road Crash locations.

### (C) Services

Status of procurement of services for consultancy packages is as follows:

1. **Integrated Transport Policy and Strategy and Strategic Investment Plans (Phase II – Package VI)**- Following the receipt of NO from the World Bank, the Contract Agreement with the Consultant was signed on 11<sup>th</sup> Aug, 2009.
2. **Development of Road Safety Strategy and Generating Awareness on Traffic and Road Safety (Phase – II, Package VII)** – The RFP was prepared and sent to the World Bank for the issuance of NO on 16<sup>th</sup> July, 2009. The NO from the World Bank on the RFP is still awaited.
3. **Computerization of PWD (B&R) (Phase II, Package XVI)** – The World Bank's No Objection to the RFP was received on 20th July, 2009. The RFP document was issued to the six qualified consultants on 23rd July, 2009. The Pre proposal meeting was held as scheduled on 17th Aug, 2009. The draft minutes of the pre proposal meeting were sent to World Bank on 20th Aug, 2009 for the issuance of No Objection. The World Bank's NO was received on 15th Sep, 2009. Based on World Bank's comments, the draft minutes of pre proposal meeting were suitably modified and the date of submission of proposals was extended till 5th Oct, 2009.
4. **Surveys (average network speed, vehicle operating cost, road roughness and road condition survey) (Phase II, Package XIV):** 16 Expression of Interest (EOIs) were received by due date i.e 9<sup>th</sup> July 09. Top ranked 6 consultants have been shortlisted and RFP for these services is being issued.

Revised Procurement Plan for the next 18 months is at Appendix - 2A

## 2.2 Implementation Status - Civil Works

### Periodic Maintenance Works

Out of ten Periodic Maintenance contracts in Phase I, for 9 contracts (PM/1, PM/2, PM/3a, PM/4, PM/3b, PM/6, PM/7, PM/10 & PM/11) defect liability period is over.

Defects on PM/5 have been rectified within extended defect liability period i.e 24<sup>th</sup> August 09. Retention money of the contractor stands released.

For rectification of the defective reaches of Sunam Badbar Road (PM/3a), one bid from M/s Gupta Builders, Sunam was received by due date i.e 9<sup>th</sup> July 09. Bid

evaluation committee held the meetings on 27<sup>th</sup> July and 6<sup>th</sup> Aug 09 to finalize the bid evaluation. Letter of award was issued to the agency on 15<sup>th</sup> Sep 09.

### **Rehabilitation Works**

There are six Rehabilitation works contracts in Phase I.

During the quarter, the progress on these works was satisfactory and all the works were substantially completed.

During the quarter, the work on Phillaur Nagar Rahon (RH/3) was completed. The work on Chandigarh Landran Sirhind Corridor (RH/2) also stands completed. On Ferozepur Zira Dharamkot Corridor (RH/1 & RH/5), the physical progress 98.20% & 98.00% compared to the schedule of 100 % (as per revised work programme). On Kapurthala Tarn Taran (RH/4) corridor, the progress is 99.85% against the target of 100%.

On rehabilitation works, total extension of time of 153 days for RH/1, 227 days for RH/2, 224 days for RH/3, 209 days for RH/4 and 149 days for RH/5 was granted. RH/6 was completed within original time period of contract.

Total expenditure on RH works till 30 Sep 2009 is Rs. 248.11 Crore.

The status of Rehabilitation works is given in Appendix – 3.

### **Up gradation Works**

There are three Up gradation packages in Phase-I.

During the quarter, progress of work on UG/1 and UG/2 (both ICB contracts) was not satisfactory.

On UG/1, the work on Milestone I was completed within the revised completion date i.e 6<sup>th</sup> June 09. On milestone II of the road corridor, the progress is 29.10% against the target of 90.70%. The overall progress is 44.43% against target of 91.30%.

On UG/2, for millstone I progress is 65.62% against the target of 100%. With revised completion date of 22<sup>nd</sup> September 2009 for the milestone, 34.38% slippage was observed. For defaulting completion of milestone I, liquidated damages were levied on the contractor with effect from 23<sup>rd</sup> Sep 09, the date from which the work on milestone I has been delayed.



For milestone II, progress is 40.31% against the target of 67.09%. The overall progress is 34.23% against target of 71.54%.

A progress review meeting under the Chairmanship of Public Works Minister was convened to discuss the slow progress of works on both the UG packages. The concerned Executive Engineers and contractors on both the packages attended the meeting. M/s C & C Construction Ltd. assured that the work on UG/1 shall be completed on time whereas M/s Som Datt Builders admitted that there shall be at least 2-3 months delay in completion of UG/2 package. The issue of slow progress on both UG works and the quality of work on UG/1 was also highlighted by the World Bank.

On UG/3, the work has been completed.

Total expenditure on UG works till 30<sup>th</sup> June 09 is Rs. 162.55 Crore .

The status of the Up gradation works is provided in Appendix - 4.

#### **Drainage Design:**

The detailed design report covering drainage design calculations of the original and revised drainage design as submitted by the Supervision Consultant is under review. The consultant has been requested to support the submission with relevant data.

The Social Impact Assessment report submitted by the NGO on 22<sup>nd</sup> Sep 09 stands forwarded to the World Bank for comments.

#### **Adjudication and Dispute Resolution:**

##### **Dispute Board (DB) for ICB Contracts:**

The status of site visits made by the Adjudicators on ICB contracts is provided in Appendix -5A.

##### **Adjudication for NCB Contracts:**

On RH/1 and RH/5, next date of hearing has been fixed for 9<sup>th</sup> Oct 09 pertaining to the disputes regarding providing, installing, commissioning and testing of street lighting system and revision in price adjustment percentage for all components

During the quarter, no action was taken pertaining to pending disputes on RH/3.

### 2.3 Custom / Excise Exemption Details

Up to 30<sup>th</sup> September 09, 236 excise duty exemption certificates [Periodic Maintenance (19), Rehabilitation (138) & Up gradation (79)] and 49 custom duty exemption certificates [Periodic Maintenance (Nil), Rehabilitation (21) & Up gradation (28)] have been issued. During the quarter, for rehabilitation works, 1 excise duty exemption certificate was issued and 8 excise certificates were surrendered by the contractor

Details are tabulated at Appendix – 6.

### 2.4 Variation Details

#### **Periodic Maintenance contracts:**

No variation order was issued on PM works during the quarter.

#### **Rehabilitations contracts:**

1 variation order on RH/1 amounting to Rs. 5854880/- , 2 variation orders on RH/2 amounting to Rs. 49234799/- and 1 variation order on RH/5 amounting to Rs. 5846370/- was issued during the quarter.

#### **Up gradation roads:**

1 variation order of 636436/- on UG/3 was issued during the quarter

The total value of the variation orders has not exceeded 15% of the original contract price on any contract.

Details are at Appendix - 7.

### 2.5 Consultancy Services

#### **Phase I**

#### **Phase I (Package I) – Feasibility Study**

**Lead Consultant: M/s CES (India) Pvt. Ltd., New Delhi**

These services stand completed.

**Phase I (Package II- Part B) – Technical Audit Services for Rehabilitation Works****Lead Consultant: M/s EGIS-BCEOM International, France**

Post the completion of TAC's services on 30th June, 2009, the Consultant was asked to verify the submitted As-built drawings of each rehabilitation work. A meeting under the chairmanship of CE (PSRSP) was convened to discuss the status of contract closure on all the completed works (all RH and UG/3). Meanwhile the TAC submitted the draft completion cum comprehensive report of all six packages. This report is currently under review.

**Phase I (Package III- Part B) – Construction Supervision Consultancy Services for Up-gradation works****Lead Consultant: M/s Egis Bceom International, France**

CSC was informed about the World Bank comments on unsatisfactory performance. The CSC's compliance to various contractual provisions in accordance with the ToR was reviewed and the CSC was asked to take immediate remedial measures. A separate report was sought from the Employer, CE (PSRSP) on the performance of CSC.

The Client approved the CV of Environmental Specialist for the remainder of the assignment and asked CSC to propose a suitable candidate for the post of Quality Control Specialist.

**Phase I (Package IV) – Institutional Development Studies****Lead consultant: M/s PricewaterhouseCoopers Pvt. Ltd., New Delhi**

The final meeting of the IDS Committee was held under the Chairmanship of SPW on 17<sup>th</sup> July 09. All the recommendations of the IDS Committee which were finalized during the course of earlier meeting on 14th May, 2008 were deliberated upon and finalized. These were shared with the Consultant and he was asked to submit the Final Report based on these recommendations. The Consultant agreed to submit the final report in consonance with the decisions of the IDS Committee.

**(Phase I) Package VI– RAP Implementation**

**Lead Consultant: M/s Development Institute for Systems Alternatives (DISA), Lucknow**

The contract period for the services was extended up to 31<sup>st</sup> May 2009 for completion of pending R&R activities. As agreed during World Bank mission, the NGO was asked to undertake impact assessment due to construction of drains along the project roads. The NGO on 22<sup>nd</sup> Sep 09 submitted the impact assessment report along with the variation order (third) amounting to Rs. 5,21,200/- for these additional services. The report and the variation order is under review.

During the quarter, 90% payment owing to second variation order of Rs. 13,51,199/- was made to the Consultant. 10% payment was retained due to ongoing activity of mutation of registries.

**Phase II****Phase II (Package II) – Output and Performance based Road Contracts  
Lead Consultant: M/s Opus International Consultants Ltd, New Zealand**

As decided during meeting in presence of World Bank officials on May 7, 2009 to merge two networks of Bathinda / Malout & Sangrur / Mansa as one contiguous network and additional inter connecting roads to be added to this network, a meeting was held with Hon'ble Chief Minister Punjab on 6th July, 2009. Approx 110 kms of interconnecting roads were added to merge the two networks. Accordingly the time period of the Consultancy services was extended by another six months (i.e. upto 22nd Nov, 09) and the Consultant was requested to submit the variation for this additional work. A negotiation Committee was also formed to consider this variation. Another Committee, of the concerned senior officials of PWD B&R, specifically to review the bidding documents has also been constituted.

In another meeting of the World Bank and the Consultant on 23rd, 24th and 26th July, 2009 broad understanding was reached on the contents of the draft final report. Summary of these understandings is at Annexure I. It was also decided that the interim draft final report shall be submitted by the end of September and shall replace the second interim report. In principle approval to conduct data collection using FWD on the entire 595 km of Sangrur Mansa Bathinda network was given to the Consultant. The Consultant has already started the FWD survey on the site.

Team Leader of M/s Opus International Consultant, Mr. Robert Fergstrom expressed his unavailability for the consultancy from 12th Aug, 09 onwards owing to prior commitments. Accordingly the Consultant proposed the names of Mr. Chin Chi Haw, Mr. Suhaimi Abdul Aziz and later Mr. Laurie McDonald for the post of Team Leader. Mr. Laurie McDonald has been called for meeting with the Client.

## **Phase II (Package III) – HIV/AIDS Awareness**

### **Lead consultant: M/s Advantage India, New Delhi.**

During the quarter, the NGO submitted another CV for proposed replacement of Behavioral Science Expert. Following approval by the Client, the NGO mobilized the professional on 21<sup>st</sup> Sep 09. Based on the feedback given by the Bank and PRBDB, the NGO submitted the revised Periodic Evaluation Report - I on 2<sup>nd</sup> Sep 09, which was approved on 16<sup>th</sup> Sep 09.

Owing to delay in commencement of civil works on OPRC road corridors, during 5<sup>th</sup> Implementation Support Mission it was agreed to initiate awareness generation on HIV/AIDS among existing road users/ village communities and start up with construction companies when their road work starts. Pursuant to the decision, the proposal for modification in the contract agreement pertaining to payment schedule, reporting schedule and revised list of road corridors to be taken in phase II. Road corridors amounting to 518 kms were selected from 'Bathinda Mansa Sangrur' network with total length of 595 kms. The World Bank accorded No Objection to the proposal on 16<sup>th</sup> Sep 09. For undertaking these modifications in the agreement, consent from the Consultant is being sought.

The Consultant undertook following activities during the quarter for generating awareness on HIV/AIDS:

- 2875 one to one contacts & 330 Group meetings were held with target groups
- 27 community meetings, 6 wall writings, 9 street plays/magic shows , 22 awareness camps , 25 film shows, 26 quiz competitions, 93 referrals along with 9 medical camps were held for target population.
- Till Sep 09, total 105 high risk group people (including CSW, MSM, IDU & people tested HIV +ve) are indentified. Counseling to visit ICTC is being provided through regular one to one contracts.

- For capacity building, NGO imparted 2 trainings to peer educators, 6 adolescent trainings, 3 youth trainings and 3 CBO trainings.
- Distribution of IEC material, poster display is ongoing activity.

Details are tabulated at Appendix –8.

### **Phase II (Package IV) – Reclassification of State Road Network**

This Consultancy services are now proposed to be undertaken as a part of consultancy service for preparation of Integrated Transport Policy and Strategy & Strategic Investment Plans Study for Punjab (Package VI, Phase II).

### **Phase II (Package V) – Preparation of GIS maps for Road network in Punjab**

**Lead Consultant: M/s CCE, Punjab Engineering College, Chandigarh**

11 toposheets were received from SOI during this quarter. With this, the receipt from SOI till the end of September, 2009 is 330 sheets + 3 outriggers (for balance area up to international border with Pakistan), out of the total requirement of 366 sheets.

The Financial Proposal of Rs. 12.0 lac submitted by the Consultant has been scrutinized. An amount of Rs. 10.85 lac has been evaluated for rendering these services. A draft supplementary agreement was sent to the World Bank for NO. The Bank replied that this being a Post Review Contract, there was no need for any prior NO. As such, the supplementary agreement shall be signed in the first fortnight of October.

### **Phase II (Package VI) – Integrated Transport Policy and Strategy & Strategic Investment Plans Study for Punjab**

**Lead Consultant: M/s Ecorys Nederlands BV; The Netherlands**

Following the receipt of NO from the World Bank on 20<sup>th</sup> July, 09 and 4<sup>th</sup> Aug, 09, the Contract Agreement with the Consultant was signed on 11<sup>th</sup> Aug, 2009. The date of commencement of services is 25<sup>th</sup> Aug, 2009. On this date, a start up meeting was held with the Consultant wherein it was decided that the Consultant shall make a power point presentation of the inception report to all the stake holders. They

proposed to submit the same on 9<sup>th</sup> Oct, 2009 a delay of about a week than the scheduled date of submission as per the Agreement.

### **Phase II (Package VII) – Development of Road Safety Strategy and Generating Awareness on Traffic and Road Safety**

The RFP was prepared and sent to the World Bank for the issuance of NO on 16<sup>th</sup> July, 2009. The NO from the World Bank on the RFP is still awaited.

### **Phase II (Package VIII) – Road Fund Secretariat**

Creation of Punjab Road Maintenance Fund to be operated under major head “8225-Road & Bridges Fund” stands approved. Provision of funds to the tune of Rs. 110 crores for Road Maintenance Fund is still to be made. Executive Engineer, Provincial Division, Punjab PWD (B&R), Chandigarh has been declared DDO for the operation of RMF.

### **Phase II (Package IX) – Asset Management Software Development and Training**

No action was taken during the quarter for these services.

### **Phase II (Package X) – Training IT, Contract Management, Quality Control and Procurement**

No action was taken during the quarter for these services.

### **Phase II (Package XI) – Training Social and Environmental Lead Consultant: M/s IDMA Foundation for Sustainable Development, Chandigarh**

During this quarter, one national workshop has been conducted in July, 09 and four trainings for Engineer and Contractor were conducted during September, 09. The final report of the workshop and Pollution Monitoring for quarter 2, 2009 has also been submitted. The consultant has also interacted with all concerned Engineers for finalization of Compliance Monitoring and Contract Manual Report.

### **Phase II (Package XII) – Training – Financial Management**

No action was taken during the quarter for these services.

### **Phase II (Package XIII) – Road Safety Database, Training etc**

**Lead Consultant: M/s ArriveSafe, Chandigarh**

The feedback from the Police department on Beta version of the IDEAS software is still awaited. Follow ups with the Punjab Police were held in this regard. Comments from Police for implementation of IDEAS software as pilot project in Mohali Police division is expected in Oct 09.

**Phase II (Package XIV) – Surveys (Road user, Pavement condition, speed, etc.)****a) Road User Satisfaction Survey**

**Lead Consultant: M/s Operations Research Group Pvt. Ltd., New Delhi.**

The Pilot Survey Report was approved by the Review Committee in the meeting held on 3<sup>rd</sup> July 09. The Consultant conducted Road User satisfaction Survey (RUSS) from 24<sup>th</sup> Aug to 28<sup>th</sup> Sep 09. Before commencement of the survey, public information on RUSS was advertised in the leading regional newspapers. The Consultant distributed 15,000 awareness generation flyers in the public. Draft Survey report is expected in the last week of Oct 09.

**b) Surveys (Average network speed, vehicle operating cost, Road roughness and road condition survey)**

16 Expression of Interest (EOIs) were received by due date i.e 9<sup>th</sup> July 09. During the quarter comments on draft TOR were received from the World Bank. 6 Top ranked consultants have been shortlisted and RFP for these services is being issued.

**Phase II (Package XV) – Feasibility Studies & Advisory Services for Preparation of PPP**

No action was taken during this quarter for these services.

**Phase II (Package XVI) – Computerization of PWD (B&R)**

The World Bank's No Objection to the RFP was received from World Bank on 20th July, 2009. The RFP document was issued to the six qualified consultants on 23rd July, 2009. The Pre proposal meeting was held as scheduled on 17th Aug, 2009. The original date of submission of proposals was 10th Sep, 2009 which was later revised to 30th Sep, 2009 awaiting World Bank NO. The draft minutes of the pre proposal meeting were sent to World Bank on 20th Aug, 2009 for the issuance of No Objection. The World Bank's NO was received 15th Sep, 2009. Based on World



Bank's comments, the draft minutes of pre proposal meeting were suitably modified and the date of submission of proposals was extended till 5th Oct, 2009.

**Phase II (Package XVII) – DPR Consultancy for Rehabilitation of affected reaches of PM/6.**

It has already been decided not to proceed with any further investigation / consultancy on this road as this road has already been included as a part of list of roads under OPRC consultancy in Phase II of PSRSP.

**Phase II (Package XVIII) –Services of Internal Auditor for PSRSP.**

**Lead Consultant: M/s S.K. Bhasin & Associates, Chandigarh**

During the quarter, the Consultant submitted internal audit reports for first and second half year (FY. 2008-09) for all the PSRSP units. Draft consolidated report is expected in Oct 09.

For hiring Internal Auditor for undertaking internal audit of PSRSP for financial years 2009-10 and onwards on a competitive basis, REOI was submitted to the World Bank for 'No Objection' during the quarter.

**Phase II (Package XIX) – External Evaluation of Implementation of Resettlement Action Plan**

**Lead Consultant: M/s Consultant for Rural Area Development Linked Economy (CRADLE)**

The Consultant submitted the final midterm evaluation report on 8<sup>th</sup> Sep 09 which was approved by the Client.

**2.6 Implementation of Environment Management Plan**

**Inspection of Construction Sites**

On rehabilitation works contract, civil works in all packages have been completed. The work has started for restoration of disposal sites and cleaning of waste along the roadside.

On Up-Gradation works, the implementation of EMP in UG/1 and UG/2 needs further improvement. The handling of earth waste lying within the RoW needs cleaning and its proper disposal.

**Traffic Management:** Traffic Safety Management in UG/1 and UG/2 needs to be focussed on construction area where work is still on.

**Workers Safety:** The compliance to PPE is a concern at UG/1 and UG/2. Compliance to removal of temporary shelters in UG/2 has been made, but is yet to be done in UG/1.

**Disposal Site:** 1 disposal site each at UG1 and RH3 has been identified during this quarter. There are **19** identified disposal sites i.e. 10 in rehabilitation and 9 in up-gradation package. The Contractors of rehabilitation packages has been advised to start the restoration of disposal sites. Compliance has been made in UG2 and has disposed off the excavated earth lying and other waste, but is an issue in UG1 where waste earth management is becoming a problem as no proper planning is being done before starting of any excavation work. The package wise disposal site identified is tabulated below.

Pkg. No	Agency Name	Number of Disposal Site Identified	Remark
<b>Rehabilitation Contract</b>			
RH/ 1	M/s Centrodostoy (India) Pvt. Ltd.	3	Restoration work is in progress.
RH/ 2	M/s GPL - Brahamaputra Consortium Ltd.(JV)	3	One has been restored. 2 yet to be checked.
RH/ 3	M/s Centrodostoy (India) Pvt. Ltd.	2	Restoration status yet to be checked
RH/ 4	M/s C & C Construction Ltd	1	
RH/ 5	M/s Centrodostoy (India) Pvt. Ltd.	1	Restoration status yet to be checked.
RH/ 6	M/s Singla Construction	1	Identified in the premise of the camp and rehabilitated.
	Rehabilitation Pkg. Total	10	
<b>Up-Gradation Contract</b>			
UG/ 1	M/s C & C Construction Ltd	2	Can become critical at later stage.
UG/ 2	M/s Som Datt Builders Pvt. Ltd	4	Good practices has been noted at one disposal site.
UG/ 3	M/s C & C Construction Ltd	3	Existing ground level lower, so water logging problem.
	Up-gradation Pkg. Total	9	

### Inspection of Construction Camps

### Rehabilitation Works

Under this package there are 5 construction camps. The contractor of RH1/5 has rehabilitated half of the area of the camp site and another half shall be rehabilitated after completion of Defect Liability Period. Dismantling has started in RH2, RH4 and is yet to start at RH3. Similarly, all contractors have been advised to prepare a rehabilitation plan for camp site and start restoration as most of them are rehabilitating without any proper planning and management of waste going to be generated during restoration.

### Up-gradation Works

There are 5 construction camps under up-gradation works. Overall the camp site management is not satisfactory on UG1, as no preventive measure has been taken to minimize the bitumen spillage and stacking of bitumen drums, but on UG2 it is better. The Contractor has been notified about the non-compliances of the rehabilitation measures while dismantling of camp site structure on UG3.

### Borrow Areas

In case of rehabilitation and up-gradation, a total of **67** borrow areas have been identified and approved, of which 9 borrow areas in total have been rehabilitated. Contract package wise breakup is tabulated below.

Pkg No	Agency Name	BA Identified	BA rehabilitated	Remark
Rehabilitation Contract				
RH/1	M./s Centrodorstroy Pvt Ltd	3	3	Rehabilitation was done by the owner for kharif cropping.
RH/2	M/s GPL – Brahmaputra Consortium	4	4	Status yet to be checked. At one borrow area, excavated earth from Fashion Technology Park at Mohali has been used, so no rehabilitation is needed.
RH/3	M./s Centrodorstroy Pvt Ltd	8	2	Rehabilitation status of remaining is yet to be checked.
RH/4	M/s C & C Construction Ltd	9	-	Rehabilitation is in progress.
RH/5	M./s Centrodorstroy Pvt Ltd	3	3	Rehabilitation was done by the owner for kharif

Pkg No	Agency Name	BA Identified	BA rehabilitated	Remark
				cropping.
RH/6	M/s Singla Construction Ltd	1	1	Rehabilitated.
	Rehabilitation Pkg. Total	28	4	
<b>Up-gradation Contract</b>				
UG/1	M/s C & C Construction Ltd	22	-	9 exhausted.
UG/2	M/s Som Datt Builders Pvt Ltd	15	3	3 exhausted & 1 cancelled.
UG/3	M/s C & C Construction Ltd	2	2	Rehabilitated.
	<b>Up-gradation Pkg. Total</b>	<b>39</b>	<b>5</b>	

Both the Environmental Officers are at site, but in house training is needed to strengthen their knowledge on EMP implementation.

#### **Others**

1. The rehabilitation of all camp sites are underway without any approved or proper planning.
2. Hazardous waste like waste oil, waste batteries, drums used for storage of oils etc appropriate disposal needs to be ensured by the Engineer.

### **2.7 Resettlement & Rehabilitation Activities**

Overall **46.823 acres (93.64%)** of land has been acquired and Rs. **67.40** crores have been distributed as land compensation and R&R assistance.

On UG/1 and UG/2, total requirement of private land is 50.003 acre after revision of COI due to modified drain design. (Details of requirement of land (area) is attached as Appendix A. Under the project, total of 891 title-holders families, 304 non-titleholders families have been identified.

On UG/1 and UG/2, 45 CPRs out of 48 categorized as priority I CPRs (religious/community structures) have been shifted / enhanced. However, 89 CPRs categorized as priority II (bus shelter & foundation stone etc.) shall be shifted as and when required.

On RH/1, RH/2, RH/3 and RH/5 CPR relocation has been completed. On RH/4, one religious structure is yet to be shifted.

### **Kharar-Banur-Tepla Corridor (UG/1)**

- Land Compensation and R&R payment of Rs 5,18,75,251/- (Rs. Five crore eighteen lac seventy five thousand two hundred fifty one only) has been disbursed to the Title Holders and Non Title Holders till date.
- For disputed title holding and absentees land owners, amount of award Rs, 63,50,452/-(Sixty three lac fifty thousand four hundred fifty two only) under section 11 of LA Act has been deposited with the concerned Sub Divisional Magistrates.

### **Ludhiana-Malerkotla Sangrur Corridor (UG/2)**

- Land compensation and R&R payment of Rs 64,16,38,590/- (Rs. Sixty four crore sixteen lacs thirty eight thousand five hundred ninety only) has been disbursed to the Title Holders and Non - Titleholders. Till date registry fee of Rs 30,73,313/- has been paid to those title holders who have purchased the new land out of land compensation amount received under PSRSP.
- For disputed title holding and absentees land owners, amount of award Rs. 2,09,79,327/- ( two crore nine lakh seventy nine thousand three hundred twenty seven only) under section 11 of LA Act has been deposited with the concerned Sub Divisional Magistrates.

### **TarnTaran-Chhabal-Attari Corridor (UG/3)**

- R&R activity has been completed in all respects on the road corridor.

### **Phillaur-Nagar-Rahon-Corridor (RH/3)**

- Supplementary Micro Plan to compensate damages to septic tank and other unforeseen impacts is not required now as these have been repaired by the contractor during execution of road work.

### **Training under Income Restoration:**

Under Income Restoration Activity, training to PAPs has been successfully concluded.

**Drainage:**

As agreed during World Bank mission, NGO for RAP implementation carried out assessment to identify adverse impacts due to construction of drains above the plinth level of the adjoining buildings in the built up areas along the project roads. The impact assessment report was submitted on 23<sup>rd</sup> Sep 09 along with third variation order. The report and the variation order are under review.

Detailed status regarding implementation of Resettlement Action Plan is at Appendix - 10.

**2.8 Pre Construction Activities:**

During the quarter, Hon'ble Public Works Minister on 15<sup>th</sup> July 09 held the meeting with senior officers of Punjab State Electricity Board (PSEB) and the Forest Department to expedite shifting of electric utilities and tree cutting along up gradation roads. Subsequently, follow up review meetings were held by Chief Engineer (PSRSP) on 18<sup>th</sup> Aug 09 with Forest Department and on 24<sup>th</sup> Aug 09 with PSEB.

In the meeting with Forest Department it was agreed to hold verification for trees pending for cutting jointly by PWD (B&R) and the Forest Department.

**A) Works where Forest Clearance awaited:****Rehabilitation roads:**

- a) Patiala Sirhind road (RH/6): Forest clearance for diversion of 1.5 ha of forest land under forest division Fatehgarh Sahib is awaited.
- b) Ludhiana Malerkotla Sangrur (UG/2): Additional clearance for diversion of forest land for improvement of junction at Jagera bridge envisaged. Request for seeking forest clearance submitted to DFO, Ludhiana during the quarter.

**B) Works where Tree Cutting is in Progress:**

Status of tree cutting on Up-gradation and Rehabilitation roads is tabulated below:

<b>Package No.</b>	<b>Name of road</b>	<b>Status of tree cutting (<i>w.r.t. forest clearances received</i>)</b>

<b>Up gradation roads</b>		
UG/1	Kharar Banur Tepla	Completed in milestone 1; 3 trees are still balance in milestone II.
UG/2	Ludhiana Malerkotla section	62 trees are yet to be cut; joint verification in process
	Malerkotla Sangrur section	26 trees are yet to be cut; joint verification in process
UG/3	Tarn Taran Chabbal Attari	Completed
Complete on <b>2</b> out of <b>3</b> packages		
<b>Rehabilitation roads</b>		
RH/1	Ferozepur Zira	Completed
RH/2	Chandigarh Sirhind	Completed
RH/3	Phillaur Nagar Rahon	Completed
RH/4	Kapurthala Tarn Taran	Completed
RH/6	Patiala Sirhind	Completed
RH/5	Dharmkot Zira	Completed

#### **D) Shifting of Electric/Public Health Utilities**

##### **Up gradation roads:**

##### **UG/1:**

Raising of High Tension line in km 21: During the quarter, land for installing tower for raising of high tension line was acquired by PWD (B&R) and PSEB commenced the work. The work is likely to be completed by mid of Oct 09.

The shifting of electric utilities is ongoing by the road contractor against variation order.

##### **UG/2:**

- On 'Ludhiana Malerkotla Sangrur' road (UG/2), shifting of electric utilities is at slow pace. On the road corridor, the contractor has been given 'Step-in-rights' to shift the utilities, relocation of which is urgently required for construction of work. As on date 102 electric utilities (89 electric poles & 13 transformers) on 'Ludhiana Malerkotla' section and 80 electric utilities (73 electric poles and 7 transformers) on 'Malerkotla Sangrur' section are yet to be shifted.

**UG/3:**

- Relocation of utilities stands completed on UG/3.

**Rehabilitation roads:**

- Relocation of electric utilities stands completed on rehabilitation roads.

**E) Public Health Utilities:**

**Up gradation roads:** During the quarter, no progress was made in shifting of pipe line on UG/1. On UG/2 & UG/3, shifting of public health utilities stands completed.

**Rehabilitation roads:** Shifting of public health utilities stands completed.

The status of shifting of electric and public health utilities on the project roads is at Appendix 11.

**3 Seminars, Workshops & Trainings**

Under Consultancy Services for Phase II, a national level workshop on 'Environment Management in Highways Project' was conducted on 11<sup>th</sup> July 09. Experts and officials from various govt. departments along with consultants and contractors participated in the workshop.

A Seminar on 'PPP in Highway Sector' conducted by IRC was attended by CE(PSRSP) and DPD on August 28<sup>th</sup> & 29<sup>th</sup> 2009.

A visit to OPRC (Output and Performance Based Road Contracts) Road Show at Brussels city in Belgium by Secretary Public Works and officials of PRBDB is being scheduled in the month of Oct 09.

**4 Complaints**

During the quarter, Chief Engineer (PSRSP) asked Superintending Engineer (IP) to investigate the complaint of Mr. Mohinder Singh s/o Mr. Gurdev Singh regarding use of low quality material on Tapa Pakkho Kaichiya Road by the Contractor. Superintending Engineer (IP) visited the site on 4th Aug, 2009 and checking was done in the presence of concerned officials and the complainant. The investigation



was completed and CE (PSRSP) vide his memo no. 901/PSRSP dated 17th Sep, 2009 has expressed his agreement with the checking report and has recommended for this complaint to be filed.

A copy of the site investigation report was forwarded to Task Team Leader, The World Bank on 29th Sep, 2009.

## **5 Court Cases**

- The next date for hearing has been fixed for 9<sup>th</sup> Oct 2009 in the court case filed by the Gram Panchayat in High Court following signing of conveyance deed with Sh. Malkit Singh & others for khasra no. 10//8,10//9,10//13, 10//14,10//12/2 in village Pohir.
- Court case has been filed in the court of the Civil Judge Senior Division, Ludhiana by Sh. Ajit Singh and others, owners of Khasra no. 1832 against the PWD, Ludhiana stating that without acquiring / purchasing their land , the department has started constructing the road in their land. The case has been fixed for hearing on 28<sup>th</sup> November 2009. The matter was verified by PM (Social) and observed that no construction activity was undertaken by the contractor in the affected khasra.

## Appendix 1

### Punjab State Road Sector Project

#### Project Report Format- 1

#### Quarterly Financial Monitoring Report - (Project Activities)

Report for the period ended on 30.09.09

Particulars	(Amount in Rs.)			
	For the period 01.07.09 to 30.09.09	Year till date	Project till date	Forecast for the next si months
<b>Opening Balance (A)</b>	35,91,880			
<b>Receipts</b>				
Govt. of Punjab Funds				
(a) Remittance from Govt. of Punjab	0	0	1,48,30,50,458	
(b) Other Receipts/ Income	3,60,649	57,41,678	14,49,47,621	
World Bank funds	60,36,83,000	90,36,83,000	4,42,65,45,000	
<b>Total Receipts (B)</b>	<b>60,40,43,649</b>	<b>90,94,24,678</b>	<b>6,05,45,43,079</b>	
<b>Total Sources (C=A+B)</b>	<b>60,76,35,529</b>	<b>90,94,24,678</b>	<b>6,05,45,43,079</b>	
<b>Expenditures by Component</b>				
Road Upgrading	22,04,15,883	41,78,46,607	2,47,39,28,495	92,03,02,000
Rehabilitation	13,52,80,298	36,85,20,692	2,53,23,65,206	26,89,65,200
Periodic Maintenance	0	13,06,878	63,50,64,577	1,20,20,000
Institutional Strengthening	35,91,329	44,79,722	2,94,89,586	3,46,01,000
Incremental Operating Costs	36,42,640	78,59,225	4,33,52,519	1,01,17,959
<b>Total Expenditures (D)</b>	<b>36,29,30,150</b>	<b>80,00,13,124</b>	<b>5,71,42,00,383</b>	<b>1,24,60,06,159</b>
<b>Advance to Suppliers/ Others</b>				
Advances for Upgrading	0	0	30,90,25,149	0
Advances for Rehabilitation	0	0	49,31,38,129	0
Advances for Periodic maintenance	0	0	0	-
Other Advances	2,27,325	12,70,564	1,11,28,228	0
<b>Total Advances (E)</b>	<b>2,27,325</b>	<b>12,70,564</b>	<b>81,32,91,506</b>	<b>0</b>
<b>Less: Recovery/ Adjustment of Advances</b>				
Recovery for road Upgrading	3,01,78,437	5,95,62,232	22,06,74,087	0
Recovery for Rehabilitation	63,804	63,804	33,60,66,781	0
Recovery for Periodic Maintenance	0	0	0	-
Other Recovery	0	0	16,19,300	-
<b>Total Recoveries (F)</b>	<b>3,02,42,241</b>	<b>5,96,26,036</b>	<b>55,83,60,168</b>	<b>0</b>
<b>Net Advances (G= E-F)</b>	<b>-3,00,14,916</b>	<b>-5,83,55,472</b>	<b>25,49,31,338</b>	<b>0</b>
<b>Total Uses (H= D+G)</b>	<b>33,29,15,234</b>	<b>74,16,57,652</b>	<b>5,96,91,31,721</b>	<b>1,24,60,06,159</b>
Current Liabilities	3,18,02,164	<b>3,26,18,041</b>	22,11,11,101	
<b>Net Uses (I)</b>	<b>30,11,13,070</b>	<b>70,90,39,611</b>	<b>5,74,80,20,620</b>	
<b>Closing Balance (J= C-I)</b>	<b>30,65,22,459</b>			

It is certified that closing balance is as per Project Books of Accounts as on 30.09.09 but subject to a difference of Rs. 3,13,271/- in Bank Reconciliation Statement which is being reconciled.

**Punjab State Road Sector Project****Project Report Format- 2****Report for the quarter ended on 30-09-09**

<b>Particulars</b>		<b>(Amount in Rs.)</b>
Bank Funds received till date	I	4,42,65,45,000
Total Project Uses till date	II	5,74,80,20,620
World Bank Share @ 75% of the above	III	4,31,10,15,465
Funds Unutilized	IV	11,55,29,535
Forecast for Project payments for the next 6 months	V	1,24,60,06,159
World Bank Share @ 75% of the above	VI	93,45,04,619
Less: Funds Unutilized		11,55,29,535
Net funds required from the Bank	VII	81,89,75,084
Forecast for receipts from GoP for the next 6 months	VIII	27,29,91,695

**Punjab State Road Sector Project  
Project Report Format - 3  
Civil Works Progress**

Contract No	Contract Description	Length (Km)	Proc. Method	Name of Contractor	Contract Award Date	Notice to Proceed with Work	Contract Completion Date		Physical Progress	Physical Progress (%)		
							Original	Modified		2009		
										Jul	Aug	Sep
<b>PERIODIC MAINTENANCE</b>												
PSRSP/WB/PM/1/N CB	Periodic Maintenance Ajnala Ramdass & Chheharata Dhand Bir	39.77	NCB	M/s Satish Aggarwal & Company	1st Nov 2006	20th Feb 2007	7th Aug 2007	21st Aug 07	Original Planned	Work Completed		
									Modified Planned			
									Actual			
									Difference			
PSRSP/WB/PM/2/N CB	Periodic Maintenance of Gurdaspur - Sri Hargobindpur	40.47	NCB	M/s Rajinder & Company	4th Oct 2006	7th Nov 2006	11th Sept 2007	25th Sept 2007	Original Planned	Work Completed		
									Modified Planned			
									Actual			
									Difference			
PSRSP/WB/PM/3/N CB	Periodic Maintenance of Longowal - Sunam - Badbar - Longowal	18.23	NCB	M/s DS Builders	4th Oct 2006	2nd Nov 2006	22nd Mar 2007	3rd May 2007	Original Planned	Work Completed		
									Modified Planned			
	Periodic Maintenance of Pakhokey- Tappa	12.80	NCB	M/s Garg Construction Company	27th Feb 2007	16th April 2007	3rd Sept 2007	3rd Sept 2007	Original Planned	Work Completed		
									Modified Planned			
PSRSP/WB/PM/4/N CB	Periodic Maintenance of Khanna - Samral - Nawanshar - Garhshankar	50.66	NCB	M/s Valecha Engineering Limited	23rd Jan 2007	13th Mar 2007	12th Feb 2007	26th Feb 2008	Original Planned	Work Completed		
									Modified Planned			
									Actual			
									Difference			
PSRSP/WB/PM/5/N CB	Periodic Maintenance of Kapurthala Tashpur, Sultanpur dalla & Dadwindi Sultanpur	30.35	NCB	M/s Valecha Engineering Limited	30th Mar 2007	8th May 2007	25th Sep 2007	25th Sep 2007	Original Planned	Work Completed		
									Modified Planned			
									Actual			
									Difference			
PSRSP/WB/PM/6/N CB	Periodic Maintenance of Sitogana Dabwali	26.00	NCB	M/s Singla Construction Company	4th Oct 2006	20th Oct 2006	9th Feb 2007	23rd Mar 2007	Original Planned	Work Completed		
									Modified Planned			
									Actual			
									Difference			
PSRSP/WB/PM/7/N CB	Periodic Maintenance of Faridkot - Ferozepur	30.27	NCB	M/s Singla Construction Company	4th Oct 2006	1st Nov 2006	28th Mar 2007	30th May 2007	Original Planned	Work Completed		
									Modified Planned			
									Actual			
									Difference			
PSRSP/WB/PM/10/ NCB	Periodic Maintenance of Baghapurana - Bhagta - Bhucho	57.42	NCB	M/s Singla Construction Company	27th Feb 2007	3rd Apr 2007	10th Dec 2007	10th Dec 2007	Original Planned	Work Completed		
									Modified Planned			
									Actual			
									Difference			
PSRSP/WB/PM/11/ NCB	Periodic Maintenance of Sri Hargobindpur - Batala - Dera Baba Nanak	(19.35+29.3 6) = 48.71	NCB	M/s Rajinder & Company	4th Oct 2006	7th Nov 2006	14th Aug 2007	28th Aug 2007	Original Planned	Work Completed		
									Modified Planned			
									Actual			
									Difference			

REHABILITATION												
PSRSP/WB/RH/1/N CB	Rehabilitation of Ferozepur-Zira	34.46	NCB	M/s Centrodorstoy (India) Ltd	29th Mar 2007	13th Jun 2007	12th Dec 2008	10-May-09	Original Planned			
									Modified Planned	100.00	100.00	100.00
									Actual	96.50	97.18	98.20
									Difference	-3.50	-2.82	-1.80
PSRSP/WB/RH/2/N CB	Rehabilitation of Chandigarh-Landran-Chunni-Sirhind	37.30	NCB	M/s GPL - Brahmaputra Consortium Ltd	4th Jan 2007	7th May 2007	6th Nov 2008	20-Jun-09	Original Planned			
									Modified Planned	Work Completed		
									Actual			
									Difference			
PSRSP/WB/RH/3/N CB	Rehabilitation of Phillaur-Aur-Rahon-Nagar	33.51	NCB	M/s Centrodorstoy (India) Ltd	15th Jan 2007	12th June 2007	11th Dec 2008	23-Jul-09	Original Planned			
									Modified Planned	100.00	100.00	100.00
									Actual	Work Completed		
									Difference			
PSRSP/WB/RH/4/I CB	Rehabilitation of Kapurthala-Tarn Taran	47.20	ICB	M/s C&C Construction Ltd	29th June 2007	5th Sept 07	4th Mar 2009	30-Jul-09	Original Planned			
									Modified Planned	100.00	100.00	100.00
									Actual	99.00	99.50	99.85
									Difference	-1.00	-0.50	-0.15
PSRSP/WB/RH/5/N CB	Rehabilitation of Zira-Dharamkot Road	24.70	NCB	M/s Centrodorstoy (India) Ltd	29th Mar 2007	13th Jun 2007	12th Dec 2008	10-May-09	Original Planned			
									Modified Planned	100.00	100.00	100.00
									Actual	96.00	96.83	98.00
									Difference	-4.00	-3.17	-2.00
PSRSP/WB/RH/6/N CB	Rehabilitation of Sirhind-Patiala	28.30	NCB	M/s Singla Construction Company	3rd Sept 2007	11th Sept 07	10th Dec 2008	No Change	Original Planned			
									Modified Planned			
									Actual	Work Completed		
									Difference			
UPGRADATION												
PSRSP/WB/UG/1/I CB	Upgradation of Kharar-Landran-Banur-Tepla	39.53	ICB	M/s GPL - Bhramputra Consotium Ltd. (JV)	12th July 2007	1st Sept 2007	30th Dec 2007	No Change	Original Planned			
									Modified Planned	85.10	87.30	91.30
									Actual	36.65	43.60	44.43
									Difference	-48.45	-43.70	-46.87
PSRSP/WB/UG/2/I CB	Upgradation of Ludhiana-Malerkotla-Sangrur	71.92	ICB	M/s Somdutt Builders Limited	12th July 2007	29th Aug 2007	29th Sept 2010	No Change	Original Planned			
									Modified Planned	67.00	68.90	71.54
									Actual	27.80	31.26	34.23
									Difference	-39.20	-37.64	-37.31
PSRSP/WB/UG/3/I CB	Upgradation of Attari-Chabba-Taran Tarn (including Tarntam Junction)	41.59	NCB	M/s C&C Construction Ltd	27th Feb 2007	20th Apr 2007	19th Oct 2008	17-Jun-09	Original Planned			
									Modified Planned			
									Actual	Work Completed		
									Difference			

**Punjab State Road Sector Project  
Project Report Format - 4**

Project Cost Monitoring - For Prior Review Contracts																							
Contract No	Contract Description	Supplier/Contractor/Consultant	Date of World Bank No Objection to Award of the Contract	Contract Award Date	Category (Work/Services/Goods)	Procurement Method	Contract Price			Cost during this Quarter						Cumulative Cost							
							Million US\$	Million INR	Bank Financing Ratio (%)	Actual			Planned			To Last Quarter		Actual to Date			Planned to date		Actual as % of Planned
										Million INR	Million US\$	WB share US \$	Million INR	Million US\$	Actual as % of Planned	Million INR	Million US\$	Million INR	Million US\$	WB share US \$	Million INR	Million US\$	
<b>REHABILITATION WORKS</b>																							
PSRSP/WBR/H/4/ICB	Rehabilitation of Kapurthala-Tarn Taran	M/s C&C Construction Ltd	20th Jun 07	29th June 07	Works	ICB	12.15	546.93	75.0	75.01	1.67	1.25	100.00	2.22	75.01%	488.820	10.863	563.83	12.53	9.397	546.93	12.15	103.09
PSRSP/WBR/H/5/NCB	Rehabilitation of Zira-Dharamkot	M/s Centrodorstoy (India) Ltd	22nd Mar 07	29th Mar 07	Works	NCB	7.71	346.97	75.0	3.43	0.08	0.06	5.00	0.11	68.60%	348.720	7.749	352.15	7.83	5.869	346.97	7.71	101.49
<b>UPGRADATION WORKS</b>																							
PSRSP/WBU/G/1/ICB	Upgradation of Kharar-Landran-Banur-Tepla	M/s C&C Construction Ltd	28th June 2007	12th Jul 07	Works	ICB	24.22	1089.94	75.0	73.38	1.63	1.22	200.00	4.44	36.69%	439.610	9.769	512.99	11.40	8.550	995.12	22.11	51.55
PSRSP/WBU/G/2/ICB	Upgradation of Ludhiana-Malerkotla-Sangrur	M/s Somdutt Builders Limited	28th June 2007	12th Jul 07	Works	ICB	50.23	2260.38	75.0	49.69	1.10	0.83	200.00	4.44	24.85%	778.900	17.309	828.59	18.41	13.810	1,617.08	35.94	51.24
Assuming 1 USD = 45 INR																							

**Punjab State Road Sector Project  
Project Report Format - 5**

Project Cost Monitoring - For Post Review Contracts																	
Contract No	Contract Description	Supplier/Contractor/Consultant	Contract Award Date	Category (Works/Services/Goods)	Procurement Method	Contract Price		Bank Financing Ratio (%)	Cost during this Quarter				Cumulative Cost				
						Million US\$	Million INR		Actual		Planned	Actual as % of Planned	To Last Quarter	Actual to Date		Planned to date	Actual as % of Planned
									Million INR	WB share			Million INR	Million INR	Million INR	WB share	
PSRSP/WB/P M/4/NCB	Periodic Maintenance of Khanna - Samral - Nawanshar - Garhshankar	M/s Valecha Engineering Limited	23rd Jan 07	Works	NCB	2.86	128.59	75.0	0.00	0.00	0.00	Work Completed	0.000	0.000	0.000	0.00	Work Completed
PSRSP/WB/R H/3/NCB	Rehabilitation of Phillaur-Aur-Rahon-Nagar	M/s Centrodorstoy (India) Ltd	15th Jan 07	Works	NCB	10.29	463.22	75.0	30.11	22.58	50.00	60.22	526.890	557.000	9.283	463.22	120.25%
PSRSP/WB/R H/6/NCB	Rehabilitation of Patiala Sirhind Road	M/s Singla Construction Co. Bathinda	10th Sept 07	Works	NCB	5.40	242.84	75.0	0.00	0.00	0.00	Work Completed	0.000	0.000	0.000	0.00	Work Completed
Phase II (Package V)	Preparation of GIS maps for Road network in Punjab	M/s CCE Punjab Engineering College Chandigarh	25th July 07	Services	SSS	0.04	1.93	75.0	0.00	0.00	0.58	0.00	0.579	0.579	0.43	1.45	39.93%

**Punjab State Road Sector Project  
Project Report Format - 6**

Procurement Management Report - Prior Review Contracts																
WBR No.	Borrower's Contract Ref	Estimated Cost (million INR)	Actual Contract Amount (million INR)	Draft SBDs/RFPs		Call for Bids		Bid Open		Bid Evaluation		No Objection		Contract Signature		Contractor/Supplier/C consultant
				NO Request	NOL	Est.	Actual	Est	Actual	Est	Actual	Est	Actual	Est.	Actual	
<b>PERIODIC MAINTENANCE WORKS</b>																
PSRSP/WB/PM1/NCB		50.90	47.14	31st May 06	5th Jun 06	15th Jun 06	15th Jun 06	17th Jul 06	7th Aug 06	27th Jul 06	5th Oct 06	6th Oct 06	31st Oct 07	26th Aug 06	24th Nov 06	M/s Satish Aggarwal & Company
PSRSP/WB/PM2/NCB		101.90	92.43	15th Jun 06	19th Jun 06	13th Jul 06	11th Jul 06	14th Aug 06	10th Aug 06	24th Aug 06	15th Sep 06	20th Sep 06	26th Sep 06	23rd Sep 06	26th Oct 06	M/s Rajinder & Company
PSRSP/WB/PM3A/NCB		34.80	33.74	15th Jun 06	19th Jun 06	27th Jun 06	27th Jun 06	27th Jul 06	27th Jul 06	6th Aug 06	8th Sep 06	14th Sep 06	21st Sep 06	5th Sep 06	2nd Nov 06	M/s DS Builders
PSRSP/WB/PM3B/NCB		27.60	29.32												3rd Apr 07	M/s Garg Construction Company
PSRSP/WB/PM5/NCB		55.51	Recall	31st May 06	5th Jun 06	10th Jul 06	10th Jul 06	9th Aug 06	9th Aug 06	19th Aug 06	14th Sep 06	20th Sep 06	26th Sep 06	18th Sep 06	Rebid	-
Rebidding		55.51	50.42	-	-	-	3rd Oct 06	2nd Nov 06	2nd Nov 06	12th Nov 06	29th Dec 06	9th Jan 07	29th Mar 07	12th Dec 06	7th May 07	M/s Valecha Engineering Limited
PSRSP/WB/PM6/NCB		32.50	34.49	31st May 06	5th Jun 06	22nd Jun 06	22nd Jun 06	24th Jul 06	17th Aug 06	3rd Aug 06	7th Sep 06	9th Sep 06	18th Sep 06	2nd Sep 06	20th Oct 06	M/s Singla Construction Company
PSRSP/WB/PM7/NCB		43.80	44.08	31st May 06	5th Jun 06	6th Jul 06	6th Jul 06	7th Aug 06	22nd Aug 06	7th Aug 06	14th Sep 06	20th Sep 06	26th Sep 06	6th Sep 06	20th Oct 06	M/s Singla Construction Company
PSRSP/WB/PM10/NCB		65.30	68.09	31st May 06	5th Jun 06	29th Jun 06	29th Jun 06	31st Jul 06	31st Jul 06	31st Jul 06	7th Sep 06	14th Sep 06	2nd Nov 06	30th Aug 06	3rd Apr 07	M/s Singla Construction Company
PSRSP/WB/PM11/NCB		84.30	78.25	31st May 06	5th Jun 06	20th Jun 06	20th Jun 06	20th Jul 06	14th Aug 06	20th Jul 06	13th Sep 06	20th Sep 06	26th Sep 06	19th Aug 06	26th Oct 06	M/s Rajinder & Company
<b>REHABILITATION WORKS</b>																
PSRSP/WB/RH-1/NCB		340.00	441.42	17th Jul 06	4th Aug 06	13th Jul 06	23rd Aug 06	14th Aug 06	19th Oct 06	24th Aug 06	26th Aug 06	26th Aug 06	22nd Mar 07	23rd Sep 06	15th May 07	M/s Centrodorstoy (India) Ltd
PSRSP/WB/RH-2/NCB		400.00	439.18	17th Jul 06	4th Aug 06	20th Jul 06	24th Aug 06	21st Aug 06	20th Oct 06	31st Aug 06	2nd Sep 06	2nd Sep 06	27th Dec 06	30th Sep 06	30th Apr 07	M/s GPL - Brahmaputra Consortium Ltd
PSRSP/WB/RH-4/ICB		541.30	547.21	17th Jul 06	14th Sep 06	16th Jul 06	29th Sep 06	31st Aug 06	22nd Nov 06	10th Sep 06	12th Sep 06	12th Sep 06	20th Jun 07	10th Oct 06	20th Aug 07	M/s C&C Construction Ltd
PSRSP/WB/RH-5/NCB		320.00	371.68	17th Jul 06	4th Aug 06	24th Jul 06	21st Aug 06	24th Aug 06	23rd Oct 06	3rd Sep 06	5th Sep 06	5th Sep 06	22nd Mar 07	3rd Oct 06	15th May 07	M/s Centrodorstoy (India) Ltd
PSRSP/WB/RH-6/NCB		233.45	257.46	10th Jul 06	24th Jul 06	31st Jul 06	3rd Aug 06	30th Aug 06	15th Sep 06	10th Sep 06	8th Dec 06	15th Dec 06	13th Dec 06	10th Oct 06	Rebid	-
<b>UPGRADATION WORKS</b>																
PSRSP/WB/UG-1/ICB		1141.80	1089.84	10th Jul 06	5th Oct 06	24th Jul 06	4th Oct 06	7th Sep 06	23rd Nov 06	17th Sep 06	19th Sep 06	19th Sep 06	28th Jun 07	17th Oct 06	20th Aug 07	M/s GPL - Bhramputra Consotium Ltd. (JV)
PSRSP/WB/UG-2/ICB		2341.68	2260.38	10th Jul 06	5th Oct 06	21st Jul 06	3rd Oct 06	4th Sep 06	1st Dec 06	14th Sep 06	16th Sep 06	16th Sep 06	28th Jun 07	14th Oct 06	20th Aug 07	M/s Som Datt Builders Limited
PSRSP/WB/UG-3/ICB		380.00	452.37	17th Jul 06	26th Jul 06	1st Aug 06	7th Aug 06	30th Aug 06	24th Oct 06	10th Sep 06	12th Sep 06	12th Sep 06	30th Jan 07	10th Oct 06	26th Mar 07	M/s C&C Construction Ltd



## Appendix-2

### Status of Agreed New/Updated Key Actions during 5<sup>th</sup> Implementation Support Mission of the World Bank in May 09

No.	Key Actions	By whom	Target Date	Present Status/Revised Target Date
<b>Upgrading Works, Rehabilitation &amp; Maintenance (Phase I &amp; II)</b>				
1	Review and finalize the entire drainage design on RH and UG packages	PRBDB/PWD/T AC/CSC	Continuous	Design report submitted for UG packages is under review.
2	Finalize the proposal to implement the findings of road safety audit carried out by PM (Safety)	PRBDB/PWD/T AC/CSC	June 15, 2009	In process; single contract for road safety measures on UG/3 and all RH roads under preparation.
3	Organize a meeting with DEA for implementation of audit for Custom/ Excise Exemption	WB	July 31, 2009	-
4	OPRC Preparation Consultancy Interim Report-2 to be shared with the Bank for review	PRBDB/ Consultant	July 31, 2009	In process
5	Compliance report on quality of works related observations in Annex 2 to be submitted	PRBDB/PWD	July 31, 2009	EEs have been asked to submit the compliance report.
<b>Institutional Strengthening Component</b>				
6	Draft contract for Integrated Transport Policy & Strategy submitted to the Bank for review	PRBDB	June 30, 2009	The contract agreement signed on 11 Aug 09.
7	Amount provided to Road Maintenance Fund amounts to US\$25 million	GoP	July 31, 2009	Approval from AG & FD received. Funds to RMF yet to be provided by GOP.
8	Individual advisor for Road Fund Secretariat to be appointed	PRBDB	Sept 30, 2009	<b>(Overdue Legal Covenant)</b>
<b>Environmental Management and Safeguards</b>				
9	Improve EMP implementation on UG1 and UG2	PRBDB/ Contractor/CSC	Immediately	CSC / Contractor has been advised to ensure compliance.
10	Complete closure (rehabilitation/ restoration/enhancement works) activities on Rehabilitation Roads and on UG3	PRBDB/ Contractor/TAC /CSC	July 30, 2009	In process
<b>Social Safeguard</b>				

11	CPR Relocation	NGO/PRBDB	June 30, 2009	On UG/1 ; all CPRs relocated On UG/2; One CPR is yet to be relocated (priority one)
12	Draft final report of Mid-Term Evaluation of RAP implementation to be completed	PRBDB/ Consultant	June 15, 2009	Report expected by 2 <sup>nd</sup> Week of July 09.
13	Impact assessment of drains in the habitat to be completed	PRBDB/NGO	July 15, 2009	Impact assessment report on drains submitted by the consultant on 22 <sup>nd</sup> Sep 09.
<b>Financial Management</b>				
14	Hiring of Internal Auditors for FY 09-10 to be initiated	PRBDB	Immediate	Request for Expression of Interest submitted to bank for seeking No Objection.
15	March 2009 FMR to be submitted	PRBDB	Immediate	Submitted on 15 <sup>th</sup> June 2009
<b>Project Management</b>				
16	Vacant positions <sup>1)</sup> in PRBDB to be appointed	PRBDB	Aug 31, 2009	Advertisement for hiring professionals was published in newspaper on 14 <sup>th</sup> Aug 09 with last date of submission as 28 <sup>th</sup> Aug 09. 8 CVs for post of legal advisor, 24 CVs for CA and 16 CVs for PMs received by due date. Short listing of CVs for post of CA is ongoing.
17	Approved performance based incentives to be paid to PIU staff <sup>2)</sup>	GoP	July 31, 2009	Case is under review with Government

1) Legal Advisor, Chartered Accountant, PM (Procurement), PM (Contract)

2) SLEC has principally approved Performance based incentives to PIU staff

## Appendix 2A

**WB PSRSP – Updated Procurement Management Plan (Sept 2009)****A. WORKS***1 USD = Rs. 50.00*

Ref. No.	Contract Description (length)	Contract Price in INR	Modified Price in INR	Contract / Bid Price (USD million)	Procurement Method	Review by Bank (Prior / Post)	Bid-Opening Date	Comments
<b>Rehabilitation (Phase I)</b>								
WB/PSRSP/RH/1/NCB	Rehabilitation of Ferozepur-Zira Road (34.46 Km)	44,14,21,339	42,09,59,698	8.42	NCB	Prior	19.10.06	Date of start of work 13-June-07
WB/PSRSP/RH/2/NCB	Rehabilitation of Chandigarh-Landran-Chunni-Sirhind (37.27 Km)	43,91,82,400	43,91,82,400	8.78	NCB	Prior	20.10.06	Date of start of work 7-May-07
WB/PSRSP/RH/3/NCB	Rehabilitation of Phillaur-Aur-Rahon-Nagar (33.51 km)	46,85,56,883	46,32,19,163	9.26	NCB	Post	18.10.06	Date of start of work 12- june-2007
WB/PSRSP/RH/4/ICB	Rehabilitation of Kapurthala-Tarn Taran (47.20 km)	54,69,53,628	54,76,08,063	10.95	ICB	Prior	22.11.06	Date of start of work 5-Sep-07
WB/PSRSP/RH/5/NCB	Rehabilitation of Zira Dharamkot Road (24.70 km)	34,73,08,823	35,36,91,975	7.07	NCB	Prior	23.10.06	Date of start of work 13-June-07
WB/PSRSP/RH/6/NCB	Rehabilitation of Sirhind-Patiala (28.30 km)	24,28,37,229	24,93,76,928	4.99	NCB	Post	06.08.07	Date of start of work 11-Sep-07
	<b>Total</b>	<b>2,48,62,60,302</b>	<b>2,47,40,38,227</b>	<b>49.48</b>				

**Upgradation (Phase 1)**

WB/PSRSP/UG/1/ICB	Upgradation of Kharar-Landran-Banur-Tepla (39.53 Km)	1,08,98,42,533	1,08,98,42,533	21.80	ICB	Prior	30.11.06	Date of start of work 1-Sep-07
WB/PSRSP/UG/2/ICB	Upgradation of Ludhiana-Malerkotla-Sangrur (71.92 Km)	2,26,03,83,808	2,26,03,83,808	45.21	ICB	Prior	1.12.06	Date of start of work 29-Aug-07
WB/PSRSP/UG/3/NCB	Upgradation of Attari-Chabbal – Taran Tarn Rd. (including Junction at Tarntaran) (40.50 Km)	45,28,19,208	44,88,67,421	8.98	NCB	Prior	24.10.06	Date of start of work 20-Apr-07
	<b>Total</b>	<b>3,80,30,45,549</b>	<b>3,79,90,93,762</b>	<b>75.98</b>				

Ref. No.	Contract Description (length)	Contract Price in INR	Modified Price in INR	Contract / Bid Price (USD million)	Procurement Method	Review by Bank (Prior / Post)	Bid-Opening Date	Comments
<b>Periodic Maintenance (Phase I)</b>								
WB/PSRSP/PM/1/NCB	Periodic Maintenance of Ajnala Ramdass Cheharta Dhand Bir Road	5,26,15,950	5,26,15,950	1.05	NCB	Prior	7.08.06	Work Completed
	Chehrata Dand Bir road						7.08.06	Work Completed
WB/PSRSP/PM/2/NCB	Periodic Maintenance of Gurdaspur Sri Hargobindpur road	9,69,61,910	9,69,61,910	1.94	NCB	Prior	10.08.06	Work Completed
WB/PSRSP/PM/3/NCB	Periodic Maintenance of Longowal Sunam, road Badbar Longowal	3,37,43,221	3,37,43,221	0.67	NCB	Prior	27.07.06	Work Completed
	Pakhokey Tappa	3,05,73,404	3,05,73,404	0.61	NCB		27.07.06	Work Completed
WB/PSRSP/PM/4/NCB	Periodic Maintenance of Khanna Samrala Nawanshahar Garhshankar road	12,85,90,060	12,85,90,060	2.57	NCB	Post	1.12.06	Work Completed
WB/PSRSP/PM/5/NCB	Periodic Maintenance of Kapurthala Tashpur, Sultanpur dalla & Dadwindi Sultanpur road	5,22,27,571	5,22,27,571	1.04	NCB	Prior	2.11.06	Work Completed
WB/PSRSP/PM/6/NCB	Periodic Maintenance i of Sitogana Dabwali road	3,44,94,279	3,44,94,279	0.69	NCB	Prior	17.08.06	Work Completed
WB/PSRSP/PM/7/NCB	Periodic Maintenance of Faridkot to	4,41,75,882	4,41,75,882	0.88	NCB	Prior	22.08.06	Work

	Ferozepur road							Completed
WB/PSRSP/PM/10/NCB	Periodic Maintenance of BaghaPurana Bhagta Bhucho road	7,34,70,745	7,34,70,745	1.47	NCB	Prior	31.07.06	Work Completed
WB/PSRSP/PM/11/NCB	Periodic Maintenance of Sri Hargobindpur Batala Dera Baba Nanak Road	7,90,00,148	7,90,00,148	1.58	NCB	Prior	14.08.06	Work Completed
	<b>Total</b>	<b>62,58,53,170</b>	<b>62,58,53,170</b>	<b>12.52</b>				

Ref. No.	Contract Description (length)			Contract / Bid Price (USD million)	Procurement Method	Review by Bank (Prior / Post)	Bid-Opening Date	Comments
<b>PHASE II</b>								
<b>Upgradation &amp; Rehabilitation--OPBC (Phase 2)</b>								
WB/PSRSP/OPBC/ICB	Rehabilitation / Upgradation of Road Network of about 960 Km (comprising of following networks) with Output & Performance Based Contracts			<b>135.67</b>	ICB	Prior	Jul-10	The figure indicates the funds available in present Loan. There may be scaling up of this component in view of length and nature of these contracts. Proposed revision subject to approval by WB is USD \$250 M and time period for

								implementati on shall be next 10 years
a)	<b>Network I:</b> in Sangrur / Mansa / bathinda region with approx. length of 549.91 km			77.59	ICB	Prior	Jul-10	
b)	<b>Network II :</b> in Amritsar region with approx. length of 208.40km			33.32	ICB	Prior	Jul-10	
d)	<b>Network III:</b> in Anandpur Sahib - Garhshankar region with approx. length of 155.43 km			24.85	ICB	Prior	Jul-10	
<b>Maintenance Works (Phase 2)</b>								
WB/PSRSP/ABS/NCB	Improvement of Accident Black Spots			5.00	NCB	Post	Jan-10	Road Safety Component is being reviewed
	<b>Total</b>			5.00				

**B. GOODS**

Ref. No.	Contract Description	Contract Price (USD million)	Procurement Method	Prequalification (yes/no)	Domestic Preference (Yes/No)	Review by Bank (Yes / No)	Bid-Opening Date	Comments
1	Asset Management Equipment(Profilometer and falling weight deflectometer etc)	0.5	ICB	No	No	Prior	Jan-09	ROMDAS (Profilometer) procured under OPRC Consultancy. Consultant has sought Clients permission to carry out FWD through CRR / UltraTechnolgies
2	Road Safety Goods (including procurement of GPS); several packages but no individual package to exceed 50,000 USD.	0.25						
	a) Procurement of GPS (400 units)	0.042	Shopping	No	No	Post	24 Feb 2009	GPS units received on 8th July 09.
	b) Procurement of LCD projectors (7 nos)	0.005	Shopping	No	No	Post	23-Jun-08	LCD projectors received on 24th Oct 09.
	c) Procurement of DVD players, projection screens, amplifier & speakers	0.005	Shopping				26-Aug-09	Quotations are under review.
3	HIV/AIDS – Dispensing Machines	0.1	Shopping	No	No	Post	Nov-08	To be done by NGO
4	Procurement of Digital maps, Satellite Images	0.10	Direct Contacting	No	No	Post	Sep-07	In progress from Survey of India (SoI Sheets) 33 Sheets pending
5	Procurement of equipment for GIS	0.04	Shopping/ NCB	No	No	Post	Jan-09	Hardware shall be procured after completion of Digitization of Road Network Consultancy. However, ArcGIS available with PRBDB was upgraded to current version.
		<b>0.99</b>						

**C. SERVICES**

Ref. No.	Contract Description	Estimated Bid /Contract Price (USD million)	Procurement Method	Review by Bank (Yes / No)	EOI Received Date	WB NO to RFP	RFP Issued	Date of Receipt of Proposals	WB NO to the award of Contract	Date of Award of Contract	Date of Start of Assignment	Completion Date	Status
<b>Phase I</b>													
Package 1 Part A	Feasibility, environmental and social studies for 1698 km of prioritized roads with the option of assigning technical advisory services for the overall project implementation.	0.47	QCBS	Prior	30-Jun-04	02-Nov-04	11-Nov-04	06-Jan-05	09-May-05	12-May-05	10-Jun-05	21-Aug-07	Services Completed
Package 1 Part B	Technical Advisory Services for overall project implementation.										Not Assigned		
Package 2	Detailed Project Report for rehabilitation of 205 km with the option of assigning quality assurance and technical support services during construction	0.25	QCBS	Prior	30-Sep-04	08-Feb-05	15-Feb-05	01-Apr-05	18-Jul-05	22-Jul-05	29-Jul-05	30-Nov-06	Services Completed
Package 2 Part B	Quality assurance and Technical Support Services during Construction.(TAC)	0.16									The Consultant M/s BCEOM providing TAC services as variations to Package 3 services.	26-Mar-07	
Package 2 Part B		0.16	01-Jul-08	30-Jun-09	Services of M/s BCEOM commenced on 1st July 2008.								



Package 3	Preparation of detailed Project Reports for upgradation of 152 km length & Construction supervision services	0.60	QCBS	Prior	18-Oct-04	02-Mar-05	11-Apr-05	02-May-05	09-Sep-05	16-Sep-05	16-Sep-05	15-Jun-06	Services Completed
Package 3 Part B	Construction Supervision Services (CSC) for Upgradation works during construction.	1.34									23-Jul-07	30-Jun-09	Services Completed
Package 4	Institutional development studies and development of appropriate action plan.	0.14	QCBS	Prior	05-Sep-04	08-Nov-05	14-Nov-05	29-Dec-05	28-Mar-06	10-Apr-06	17-Apr-06	30-Nov-07	The Consultant advised to submit final report
Package 5	Independent review of the environment and social assessments	0.04	CQS	Post	.	.	.	20-Feb-06	13-Apr-06	21-Apr-06	21-Apr-06	19-Sep-06	Services Completed
Package 6	Implementation of RAPs on Phase I works	0.09	QCBS	Post	31-Jul-06	21-Aug-06	25-Aug-06	28-Sep-06	Post Review	11-Dec-06	13-Dec-06	31May-09	Additional services pertaining to Impact Assessment due to construction of drains is in process.
<b>Total</b>		<b>3.25</b>											

<b>Phase II</b>	<b>Status</b>
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Ref. No.	Contract Description	Estimated Bid /Contract Price (USD million)	Procurement Method	Review by Bank (Yes / No)	EOI Received Date	WB NO to RFP	RFP Issued	Date of Receipt of Proposals	WB NO to the award of Contract	Date of Award of Contract	Date of Start of Assignment	Completion Date	
Package 1	Preparation of detailed Project Reports for rehabilitation & upgradation of 258 km length, including construction supervision as the case may be.	Consultancy Called Off										Consultancy Called Off	
Package 2	Devising a program for Output and Performance based contracts for Road Network of about 600 Km	1.39	QBS	Prior	30-Aug-07	16-Nov-07	16-Nov-07	08-Feb-08	10-Jul-08	24-Jul-08	07-Aug-08	22-Nov-09	Service in progress
Package 3	HIV/AIDS Awareness	0.262	QCBS	Post	19-Feb-07	Post Review	11-Apr-07	23-May-07	09-Nov-07	19-Nov-07	18-Dec-07	18-Nov-11	Services in progress.
Package 4	Reclassification of Road Network	Consultancy called off. To be included in Package 6; Integrated Transport Policy & Strategy and Strategic Investment Plans Study											

Package 5	Preparation of GIS maps for Road Network in Punjab	0.04	Single Source	Post	-	-	-	-	-	25-Jul-07	25-Jul-07	24-Jan-08	Services in progress. VO for ground truthing being reviewed.
	Collection of field data for major highways and bridges [Supplementary Contract Agreeemnt]	0.02	Single Source	Post									VO for ground truthing being reviewed.
Package 6	Integrated Transport Policy and Strategy and Strategic Investment Plans Study	0.96	QBS	Prior	22-Apr-08	19-Jul-08	22-Jul-08	06-Oct-08	20-Jul-09	11-Aug-09	25-Aug-09	10-May-10	In process
Package 7	Development of Road Safety Strategy and Generating Awareness on Traffic and Road Safety.	0.50	QCBS	Prior	02-Apr-09	-	-	-	-	-	-	-	NO on RFP awaited from the World Bank
Package 8	Road Fund Secretariat	0.65	QBS	Prior	10-Dec-07	-	-	-	-	-	-	-	
Package 9	Asset Management Software development and training	0.30	QCBS	Post	-	-	-	-	-	-	-	-	Consultancy planned to begin after GIS digitization
Package 10	Training ( IT, Contract management, Quality Control & Procurement) ; several packages	0.75	CQ/SS	Post	-	-	-	-	-	-	-	-	3 Phases completed

Package 11	Environment Management Plan Training and Pollution Monitoring	0.16	CQS	Post	22-Aug-07	Post Review	02-Nov-07	04-Jan-08	Post Review	29-May-08	06-Jun-08	28-May-12	Ongoing
Package 12	Training (Financial Management); several packages	0.30	CQ/SS	Post	-	-	-	-	-	-	-	-	Initial training imparted .
Package 13	Road Safety Database, training etc.(several packages, but no package to exceed 0.05 USD million )	0.20	CQS	Post	-	-	-	-	-	-	-	-	
	1. Consultancy Services for creation of online road safety database management system	0.01	SS	Post	-	-	-	12-Sep-08	Post	17-Oct-08	17-Oct-08	16-Jan-09	Services in progress.
Package 14	Road User Satisfaction Survey	0.16	CQS	Post	16-Oct-07	Post Review	26-Dec-07	31-Jan-08	Post Review	10-Oct-08	17-Oct-08	16-Apr-12	Services in progress.
	b) Surveys (Average network speed,vehicle operating cost,road roughness and road condition survey)	0.20	QCBS	Post									RFP being prepared
Package 15	Feasibility studies & advisory services for Preparation of PPP	1.25	QBS	Prior	-	-	-	-	-	-	-	-	

Package 16	Appointment of Project Management Consultant for Assistance in Procurement of Main Computerization Consultancy Services	0.20	QBS	Post	05-Nov-08	20-July-09	23-July-09	5-Oct -09						
	Computerization of PWD B&R	2.50	QCBS	Prior	03-Oct-07									
Package 17	DPR Consultancy for Rehabilitation of affected reaches of PM/6	Consultancy called off.												
Package 18	Services of Internal Auditor for PSRSP (several packages but no package to exceed 0.05 USD million)	0.020	CQS/SS	Post	-	-	-	-	-	-	-	-	-	
	1) Internal Auditor for Financial Year 2007-08	0.002	CQS	Post	-	Post	-	11-Apr-07	Post	13-Sep-07	13-Sep-07	12-Sep-08	Services completed.	
	2) Internal Auditor for year 2008-09	0.005	SS	Post	-	-	-	29-Sep-08	Post	24-Feb-09	24-Feb-09	24-Feb-10	Services in progress.	
	3) Internal Auditor for year 2009-12		CQS	Post									NO on REOI awaited from World Bank	
Package 19	External Evaluation of Implementation of Resettlement Action Plan	0.029	SS	Post	SS	-	-	07-Oct-08	Post	14-Nov-08	14-Nov-08	13-Sep-09	Services in progress.	
	<b>TOTAL</b>	<b>9.69</b>												

### Appendix 3

**Status of Rehabilitation Packages**

														Till 30-Sep-09					
1	2	3	4	5	6		7	8			9	10		11	12				
					Contract Value (INR)			Date of Start of Work	Time period of Contract (Months)			Duration elapsed till the end of Reporting Period (In Weeks)	%age of Contract Period Elapsed till the end of Reporting Period			Physical Progress % (Actual)	Financial Progress %		
					Original	Modified			Original				Modified					Original	Modified
<b>REHABILITATION WORKS :</b>																			
PSRSP/WB/R H/1/NCB	Rehabilitation of Ferozepur-Zira Road	34.46	Ferozepur	M/s Centrodorstoy (India) Ltd	44,14,21,339	42,09,59,698	13-Jun-07	18	10-May-09	23	120	156%	122%	98.20%	100%				
PSRSP/WB/R H/2/NCB	Rehabilitation of Chandigarh-Landran-Chunni-Sirhind	37.30	Mohali	M/s GPL - Brahmputra Consortium Ltd	43,91,82,400	43,91,82,400	07-May-07	18	20-Jun-09	27	125	162%	108%	100.00%	88%				
PSRSP/WB/R H/3/NCB	Rehabilitation of Phillaur-Aur-Rahon-Nagar	33.51	Ludhiana	M/s Centrodorstoy (India) Ltd	46,84,34,507	46,32,19,163	12-Jun-07	18	23-Jul-09	25	120	156%	112%	100.00%	120%				
PSRSP/WB/R H/4/ICB	Rehabilitation of Kapurthala-Tarn Taran	47.20	Kapurthala	M/s C&C Construction Ltd. Gurgaon	54,72,09,758	54,76,08,063	05-Sep-07	18	30-Jul-09	26	108	140%	97%	99.85%	90%				
PSRSP/WB/R H/5/NCB	Rehabilitation of Zira Dharamkot Road	24.70	Ferozepur	M/s Centrodorstoy (India) Ltd	34,73,08,823	35,36,91,975	13-Jun-07	18	10-May-09	23	120	156%	122%	98.00%	96%				
PSRSP/WB/R H/6/NCB	Rehabilitation of Sirhind-Patiala	28.30	Mohali	M/ S Singla Const. Co.	24,28,37,229	24,93,76,928	11-Sep-07	15	No Change	15	Work Completed				113%				
	<b>Total</b>	<b>205.47</b>			<b>2,48,63,94,056</b>	<b>2,47,40,38,227</b>													

## Appendix 4

### Status of Upgradation Packages

													Till <b>30-Sep-09</b>	
1	2	3	4	5	6	6	7	8		9	10		11	12
Package No.	Contract (Description)	Length (KM)	Division	Name of Contractual Agency	Contract Value (INR Crores)		Date of Start of Work	Time period of Contract (Months)		Duration elapsed till the end of Reporting Period (In Weeks)	%age of Contract Period Elapsed till the end of Reporting Period		Physical Progress % (Actual)	Financial Progress %
					Original	Modified		Original	Modified		Original	Modified		
<u>UPGRADATION WORKS :</u>														
PSRSP/WB/UG/1/ICB	Upgradation of Kharar-Landran-Banur-Tepla	39.53	Mohali	M/s C&C Construction Ltd	1,08,98,42,533	1,08,98,42,533	01-Sep-07	28	28	109	89%	89%	44.43%	43.93%
PSRSP/WB/UG/2/ICB	Upgradation of Ludhiana-Malerkotla-Sangrur	71.92	Ludhiana	M/s Somdatt Builders Ltd.	2,26,03,83,808	2,26,03,83,808	29-Aug-07	37	37	109	69%	69%	34.23%	31.74%
PSRSP/WB/UG/3/ICB	Upgradation of Attari-Chabbal – Taran Tarn Rd. (including Junction at Tarntaran) (41.59 Km)	41.59	Amritsar	M/s C&C Construction Ltd	45,23,65,900	44,88,67,421	20-Apr-07	18	26	128	166%	115%	100.00%	95.62%
	Total	153.04			3,80,25,92,241	3,79,90,93,762								

**Appendix 5****Site Visit by Dispute Board on ICB Contracts during quarter [1st July 09 to 30<sup>th</sup> September 09]**

Name of Contract		Date of visit during the quarter			Pending disputes		Dispute during the quarter	
		July	Aug	September	Dispute	Action taken	Dispute	Action taken
UG/1	Kharar Banur Tepla road	-	-	22-23 Sep 09	-	-	-	-
UG/2	Ludhiana Malerkotla Sangrur road	-	10 Aug 09	-	-	-	-	-
RH/4	Kapurthala Tarn Taran road	-	27 Aug 09	-	The Contractor had set up fully equipped lab at plant site for which he claimed the payment. The Engineer maintained that it was incidental to work and no separate payment is due to the contractor regarding this. This dispute was settled in favour of the Department by DB.	Contractor has expressed his consent to go for arbitration	-	-



**Appendix 6**

**CUSTOM / EXCISE EXEMPTION CERTIFICATES ISSUED ON PSRSP CONTRACTS**

**UPTO 30 Sep 09**

Project	EXCISE CERTIFICATES				TOTAL EXCISE CERTIFICATES ISSUED		CUSTOM CERTIFICATES				TOTAL CUSTOM CERTIFICATES ISSUED	
	Equipment		Goods		Number	Amount (INR)	Equipment		Goods		Number	Amount (INR)
	Number	Amount (INR)	Number	Amount (INR)			Number	Amount (INR)	Number	Amount (INR)		
PM /3b	2	27,41,014	3	95,96,089	5	1,23,37,103	0	0	0	0	0	0
PM /4	0	0	10	8,24,47,333	10	8,24,47,333	0	0	0	0	0	0
PM /5	0	0	3	2,37,34,542	3	2,37,34,542	0	0	0	0	0	0
PM /10	1	32,96,000	0	0	1	32,96,000	0	0	0	0	0	0
<b>Total of PM</b>	<b>3</b>	<b>60,37,014</b>	<b>16</b>	<b>11,57,77,964</b>	<b>19</b>	<b>12,18,14,978</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
RH /1	7	2,41,01,430	15	20,94,17,597	22	23,35,19,027	0	0	0	0	0	0
RH /2	5	3,26,72,901	11	18,01,51,494	16	21,28,24,395	2	61,52,107	0	0	2	61,52,107
RH /3	9	85,82,602	19	12,91,77,157	28	13,77,59,759	3	2,15,48,000	0	0	3	21548000
RH /4	7	1,87,06,500	7	19,55,84,979	14	21,42,91,479	6	7,52,40,000	3	5,09,38,751	9	126178751
RH /5	19	6,87,30,916	13	14,36,42,490	32	21,23,73,406	6	3,22,20,911	0	0	6	32220911
RH /6	10	2,88,06,565	16	15,96,59,980	26	18,84,66,545	1	3,60,000	0	0	1	360000
<b>Total of RH</b>	<b>57</b>	<b>18,16,00,914</b>	<b>81</b>	<b>1,01,76,33,697</b>	<b>138</b>	<b>1,19,92,34,611</b>	<b>18</b>	<b>13,55,21,018</b>	<b>3</b>	<b>5,09,38,751</b>	<b>21</b>	<b>186459769</b>
UG /1	20	5,53,22,857	10	33,05,11,690	30	38,58,34,547	13	11,04,30,753	1	3,65,60,000	14	146990753
UG /2	16	19,41,23,092	15	20,14,11,508	31	39,55,34,600	7	3,59,88,400	0	0	7	35988400
UG /3	8	2,66,52,966	10	14,38,41,149	18	17,04,94,115	6	5,19,24,860	1	1,21,42,630	7	64067490
<b>Total of UG</b>	<b>44</b>	<b>27,60,98,915</b>	<b>35</b>	<b>67,57,64,347</b>	<b>79</b>	<b>95,18,63,262</b>	<b>26</b>	<b>19,83,44,013</b>	<b>2</b>	<b>4,87,02,630</b>	<b>28</b>	<b>247046643</b>
<b>Grand Total</b>	<b>104</b>	<b>46,37,36,843</b>	<b>132</b>	<b>1,80,91,76,008</b>	<b>236</b>	<b>2,27,29,12,851</b>	<b>44</b>	<b>33,38,65,031</b>	<b>5</b>	<b>9,96,41,381</b>	<b>49</b>	<b>433506412</b>
<p><b>Note : (during the month of July)</b> For UG/1, one certificate has been issued against certificate no. PSRSP/WB/UG/1/ICB-39/ for 1970 MT. out of which 1022 has been procured by Contractor and no more to be procured against this certificate. The balance quantity of 948 MT has been issued after changing the name of Manufacturer from Furtune to Sail.</p> <p><b>Note:</b> For RH/3 : 1 certificate has been added amounting to Rs. 30,72000/- shown against goods column</p>												
<p><b>Note: For RH/3 : (during the month of August)</b> 7 nos. certificates have been surrendered by the contractor amounting to Rs. 12494525/- bearing Nos. PSRSP/WB/RH/3/NCB-20, 25 &amp; 26 for equipments and amounting to Rs. 17592190/- bearing Nos. PSRSP/WB/RH/3/NCB-8 (Rev.-1), NCB-19, 21, 38 for goods (4 nos.)</p>												
<p><b>Note: For RH/1 : (during the month of Sept.)</b> 1 no. certificate has been surrendered by the contractor amounting to Rs. 2.94 lacs for equipment (certificate no. NCB-8 dated 05.12.07) and 2 Nos. certificates for goods amounting to Rs. 24213618/- [certificate no. NCB-22 dated 22.08.2008 and NCB-23 (Rev.1) dated 23.01.2009]</p>												

**Appendix 7****Details of variation orders issued on PSRSP Contracts up to 30 Sep 09**

<b>S.No</b>	<b>Package</b>	<b>Contract</b>	<b>Original Contract value (INR)</b>	<b>Variation Amount (INR)</b>	<b>% of original Contract Price</b>	<b>Modified Contract Price(INR)</b>
<b>Periodic Maintenance Contracts</b>						
1	PM/1	Ajnala Ramdass & Cherhata Dand Bir Road	47140561	5475389	11.62%	52615950
2	PM/2	Gurdaspur-Srihargobindpur Road	92428214	4533696	4.91%	96961910
3	PM/3a	Sunam Badbar Longowal Road	33743221	0	0.00%	33743221
4	PM/3b	Pakhokey-Tappa Road	29318070	1255334	4.28%	30573404
5	PM/4	Khanna-Samrala-Nawanshahar-Garshanker Road	121636495	6953565	5.72%	128590060
6	PM/5	Kapurthala-Tashpur-Sultanpur Dalla & Dadwindi-Sultanpur Roads	50422980	1804591	3.58%	52227571
7	PM/6	Sitogana Dabwali Road	34494279	0	0.00%	34494279
8	PM/7	Faridkot-Ferozepur Road	44077772	98110	0.22%	44175882
9	PM/10	Bagha-Purana-Bhagta-Bhucho Road	68093968	5376777	7.90%	73470745
10	PM/11	Sri-Hargobindpur-Batala-Dera Baba Nanak Road	78246009	754139	0.96%	79000148
<b>Total</b>			<b>599601569</b>	<b>26251601</b>		<b>625853170</b>

**Rehabilitation Contracts**

1	RH/1	Ferozepur-Zira Road	441421339	-14606761	-3.31%	426814578
2	RH/2	Chandigarh-Landran-Chunni-Sirhind	439182400	0	0.00%	439182400
3	RH/3	Phillaur-Aur-Rahon-Nagar	468434507	31593279	6.74%	500027786
4	RH/4	Kapurthala-Tarn Taran	547209758	398305	0.07%	547608063
5	RH/5	Zira Dharamkot Road	347308823	12229532	3.52%	359538355
6	RH/6	Sirhind-Patiala	242837229	6539699	2.69%	249376928
<b>Total</b>			<b>2486394056</b>	<b>36154054</b>		<b>2522548110</b>
<b>Upgradation Contracts</b>						
1	UG/1	Kharar-Landran-Banur-Tepla	1089842533	0	0.00%	1089842533
2	UG/2	Ludhiana-Malerkotla-Sangrur	2260383808	0	0.00%	2260383808
3	UG/3	Attari-Chabbal – Taran Tarn Rd.	452365900	-2862043	-0.63%	449503857
<b>Total</b>			<b>3802592241</b>	<b>-2862043</b>		<b>3799730198</b>
<b>TOTAL (All Phase I Works)</b>			<b>6888587866</b>	<b>59543612</b>	-	<b>6948131478</b>

**Awareness Generation on HIV/AIDS**

Up to 30 Sep 09

Activities	Phase I, PSRSP								Total
	UG /1	UG/2	UG/3	RH/1 & /5	RH /2	RH /3	RH/4	RH /6	
One to One Contact	2218	3101	1611	2803	1806	3813	3399	3888	22639
Group Meeting	313	476	270	407	269	401	460	435	3031
Community Meetings	5	3	8	2	3	7	10	8	46
Wall Writing	3	15		1	2	22			43
Street Play / Magic Show	3	2	1	1	6	1	1	3	18
Rally	0	0		1	1	2		1	5
Awareness Camps	8	7	1	3	9	6	5	6	45
Film Show	6	8	2	3	1	13	7	8	48
Condom Depots	8	5	5	8	8	5	7	4	50
Slogan/Quiz Competitions	5	6	1	2	8	4	2	9	37
Mela Participation	1					2		1	4
Celebration Of Important days	2				1	1		2	6
Referral	5	17	6	4	7	43	33	19	134
Medical Camps	5	5	1	1	2	4	1	1	20
<u>TRAININGS/ORIENTATION PROGRAMS</u>									
Adolescent Training	4	2	1	4	5	4	2	3	25
Peer Educator Training	2	1			1	1	1	2	8

Activities	Phase I, PSRSP								Total
	UG /1	UG/2	UG/3	RH/1 & /5	RH /2	RH /3	RH/4	RH /6	
Youth Trainings		2	2	2	2	1	4	4	17
CBOs Training	1	1	1	1	1	1	1		7
Orientation Program for PWD/PSRSP		5	2	2	1		2		12+2 (2 with PRBDB)
Orientation Program for Police Personnel							1		1
Orientation Program with construction companies	3	6	5	3	6	4	3	2	32

### Appendix 9

July - September 2009

Contractor Performance on EMP - Rehabilitation Contract																
Contract No.	Name of corridor	Contractor	Compliance to Observations	Road Safety Measures	Aware & Readiness to EMP	Document Availability	Camp Cleanliness	Labour Camp	Disposal of Waste (Sludges)	Handling of Bitumen	Pollution Control Measures	Vehicle Management	Disposal of Waste Water	Total Score Obtained	Level	Remark
RH/1	Ferozpur Zira	M/s Centrodorstroy (India) Pvt Ltd	2	2	2	3	2	2	1	1	2	2	1	20	Mildly Satisfactory	Not ranked due to completion of work.
RH/2	Chandigarh Landran Sirhind	M/s GPL - Brahamaputra Consortium	1	2	2	2	1	2	1	2	2	2	2	19	Mildly Satisfactory	Not ranked due to completion of work.
RH/3	Phillaur Nagar Rahon	M/s Centrodorstroy (India) Pvt Ltd	2	1	2	3	1	1	1	1	2	2	1	17	Mildly Satisfactory	Not ranked due to completion of work.
RH/4	Kapurthala Tarn Taran	M/s C&C Construction Ltd	3	1	2	3	2	3	2	1	2	2	2	23	Satisfactory	Not ranked due to completion of work.
RH/5	Zira Dharamkot	M/s Centrodorstroy (India) Pvt Ltd	2	2	2	3	2	2	1	1	2	2	1	20	Mildly Satisfactory	Not ranked due to completion of work.
RH/6	Sirhind Patiala	M/s Singla Construction & Co	1	4	3	3	1	2	2	1	2	3	3	25	Satisfactory	Not ranked due to completion of work.

Contractor Performance on EMP - Up-gradation Contract																
Contract No.	Name of corridor	Contractor	Compliance to Observations	Road Safety Measures	Aware & Readiness to EMP	Document Availability	Camp Cleanliness	Labour Camp	Disposal of Waste (Sludges)	Handling of Bitumen	Pollution Control Measures	Vehicle Management	Disposal of Waste Water	Total Score Obtained	Level	Remark
UN1	Wazirpur Sahar Singh	M/s GMS Construction Ltd	1	1	2	2	2	1	1	2	1	2	1	19	Mildly Satisfactory	Lack of improvement needed.
UN2	Ludhiana Mohalokh Sahar Singh	M/s GMS Construction Ltd	3	3	2	3	2	1	2	3	2	2	2	28	Satisfactory	
UN3	Tarn Taran Sahar Singh	M/s GMS Construction Ltd	2	2	2	3	2	3	3	3	3	2	3	28	Satisfactory	Not ranked due to completion of work.

% compliance	0-20	20-40	40-60	60-80	80-100
Ranking	Below Par	Mildly Satisfactory	Satisfactory	Good	Excellent

Score	0	1	2	3	4	5
Scale	NA	Below Par	Mildly Satisfactory	Satisfactory	Good	Excellent

## Appendix A

### Land Acquisition Status

Sl. No.	Name of Corridor	Total area to be Acquired (Acre)	Total acquired area (Acre)	Area under the process of signing of conveyance deed through negotiation (Acre)	Total area to be Acquired through LA Act. (Acre) (Under process)	Progress in %	Remarks
1	Ludhiana-Malerkotla Road	43.744	41.232	0.000	2.779	94.26	After joint verification and modification in drain design requirement of land reduces by 3.465 acres previously it was 47.209 acre
2	Malerkotla-Dhuri-Sangrur Road	0.701	0.596	0.000	0.105	85.02	
3	Kharar-Banur-Tepla Road	5.558	4.995	0.000	0.570	89.87	After joint verification and modification in drain design requirement of land reduces by 1.766 acres previously it was 7.324 acre
Total		50.003	46.823	0.000	3.454	93.09	After joint verification and modification in drain design total requirement of land reduces by 5.233 acre previously it was 55.375 acre

## Appendix 10

Appendix 10-1/10

### Status regarding Implementation of Resettlement Action Plan

Table-1: Number of Affected Families

Name of the Road/ Bypasses	Affected TitleHolder (Families)	Affected Non Title Holder (Families)	Total Affected Families	Displaced Title Holder Families	Displaced Non Title Holder Families	Total Displaced Families
<b>Upgradation corridor</b>						
Kharar-Banur-Tepla	217	128	345	0	49	49
Ludhiana Malerkotla Sangrur (UG/2)						
Ludhiana-Malerkotla	351	133	484	19	70	89
Malerkotla-Dhuri-Sangrur	45	8	53	2	4	6
Tarn Taran-Chabal-Attari (UG/3)	0	5	5	0	5	5
<b>Rehabilitation corridor</b>						
Phillaur-Nagar-Aur-Rahon	0	30	30	0	10	10
Kapurthala-Tarn Taran	0	0	0	0	0	0
Dharamkot-Kot Ise Khan-Zira-Ferozpur	0	0	0	0	0	0
Chandigarh-Landran-Chunni-Sirhind	0	0	0	0	0	0
Patiala-Sirhind	0	0	0	0	0	0
<b>Bypasses</b>						
Gill Bypass	215	0	215	0	0	0
Pohir Bypass	63	0	63	0	0	0
<b>Total</b>	<b>891</b>	<b>304</b>	<b>1195</b>	<b>21</b>	<b>138</b>	<b>159</b>

Appendix 10-2/10



**Table 2: Status of Micro Plan Preparation**

Name of the Road/ Bypasses	Category (Such as Encroacher, Squatter, TH)	Agreed Time Frame as per RAP in months	Date of completion of Verification Survey	Date of submission of draft micro plan	Date of submission of final micro plan	Date of Approval
<b>Up-gradation road corridors</b>						
Kharar-Banur	Non Title Holders	Not mentioned in RAP	04-04-2007	29-02-08	16.07.08	26.08.08 by the CMU & 15.09.08 by the review committee
	Title Holders		07.07.08	09.04.08 & 20.10.08	19.07.08 & 03.11.08	26.08.08 by the CMU & 15.09.08 by the review committee & for three villages on 26.12.08 and 31.12.08
Banur-Tepla	Non Title Holders		04-04-2007	23.11.07	18.01.2008	26.08.08 by the CMU & 15.09.08 by the review committee
	Title Holders		07.07.08	05.09.07	16.09.07	Approved by CMU on 24th September,07 & PRBDB on 25th September,07.
Ludhiana-Malerkotla	Non Title Holders		17-06-2007	30.08.08 & 23.10.08	21.10.08 (MS-I)	proved by CMU & PRBDB on 03.11.08
	Title Holders		03.07.08	30.07.2008&30.09.08	21.10.08 & 29.11.08	proved by CMU & PRBDB on 03.11.08
Malerkotla-Dhuri-Sangrur	Non Title Holders (NTH)		28-06-2007	27-08-07	01.10.07	Approved by CMU on 10th April,08 & by PRBDB on 24th April,08
	Title Holders (TH)		13-08-2007	27-08-07	01.10.07	
Tarn Taran-Chabal-Attari	Non Title Holders (NTH)		16-04-2007	18-07-07	01.10.07	Approved by CMU on 19th October,07 & PRBDB on 31st October,07.
<b>Rehabilitation road corridors</b>						
Phillaur-Nagar-Aur-Rahon	Non Title Holders (NTH)	Not mentioned in RAP	04-06-2007	11-07-07	17.11.07	Approved by CMU on 02.11.07&05.11.07 by PRBDB
Kapurthala-Tarn Taran	Non Title Holders (NTH)		28-05-2007	18-07-07	01.10.07	Approved by CMU on 23rd October,07 & PRBDB on 31st October,07.
Dharamkot-Kot Ise Khan-Zira-Ferozpur	Non Title Holders (NTH)		03-05-2007	18-07-07	01.10.07	Approved by PRBDB on 31.10.07
Chandigarh-Landran-Chunni-Sirhind	Non Title Holders (NTH)		04-04-2007	18-07-07	01.10.07	Approved by CMU on 25th October,07 & PRBDB on 31st October,07.
Patiala-Sirhind	Non Title Holders (NTH)		04-04-2007	18.07.07	01.10.07	Approved by CMU on 25th October,07 & PRBDB on 31st October,07.
<b>Bypasses</b>						
Gill Bypass	Title Holders (TH)	Not mentioned in RAP	03.07.08	29.08.08	25.11.08	Approved by CMU & PRBDB on 31st December,08.
Pohir Bypass	Title Holders (TH)		28.11.07	29-02-08	25.11.08	Approved by CMU PRBDB on 5th December,08.

## Appendix 10-3/10

**Table 3: Status of ID card Preparation**

Name of the Road/ Bypasses	Category	Ageed Time Frame as per RAP	Date of completion of Verification Survey	Date of preparation of ID Cards	Start date of distribution of ID cards	End date of distribution of ID cards
<b>Up-gradation road corridors</b>						
Kharar-Banur	Non Title Holders (NTH)	Jan,07 to Jun,07	04-04-2007	15-03-08	26.10.08	22.11.08
	Title Holders (TH)		On going	15-03-08	11.08.08	25.12.08
Banur - Tepla	Non Title Holders (NTH)		04-04-2007	15-03-08	26.10.08	22.11.08
	Title Holders (TH)		04-04-2007	29.10.07	30.10.2007	30.10.2007
Ludhiana-Malerkotla	Non Title Holders (NTH)		17-06-2007	25-03-08	07.12.08	22.11.08
	Title Holders (TH)		On going	29-12-07	07.12.08	For milestone I on 31.12.08 & milestone II in 14.03.09
Malerkotla-Dhuri-Sangrur	Non Title Holders (NTH)		28-06-2007	15-02-08	29-02-08	03.07.08
	Title Holders (TH)		25-08-2007	15-02-08	20-02-08	07.10.08
Tarn Taran-Chabal-Attari	Non Title Holders (NTH)		16-04-2007	20-12-2007	26-12-2007	31-12-2007
<b>Rehabilitation road corridors</b>						
Phillaur-Nagar-Aur-Rahon	Non Title Holders (NTH)	Jan,07 to Jun,07	04-06-2007	20-12-2007	31-12-2007	27-01-2008
Kapurthala-Tarn Taran	Non Title Holders (NTH)		28-05-2007	NA		
Dharamkot-Kot Ise Khan-Zira-Ferozpur	Non Title Holders (NTH)		03-05-2007	NA		
Chandigarh-Landran-Chunni-Sirhind	Non Title Holders (NTH)		04-04-2007	NA		
Patiala-Sirhind	Non Title Holders (NTH)		04-04-2007	NA		
<b>Bypasses</b>						
Gill Bypass	Title Holders (TH)		On going	15-02-08	16.07.08	26.10.08
Pohir Bypass	Title Holders (TH)		28.11.2007	01.07.08	16.07.08	21.10.08

**Table 4: Land Requirements**

Name of the Road / Bypass	Total Land proposed for acquisition/transfer(in Acre)			Private Land			Government Land		
	Total Land proposed for acquisition /transfer in RAP (in Acre)	Revised land estimate (in Acre)	Land Acquired so far (in Acre)	Total Land proposed for acquisition/transfer in RAP (in Acre)	Revised land estimate (in Acre)	Land Acquired so far (in Acre)	Total Land proposed for acquisition /transfer in RAP (in Acre)	Revised land estimate (in Acre)	Land Acquired so far (in Acre)
<b>Up-gradation Package</b>									
Kharar-Banur-Tepla	12.125	9.442	2.254	10.106	7.323	4.419	2.019	2.119	Applied to concerned department & no for 1.89 acre has been received from the department of exise. Rest are under process
Ludhiana-Malerkotla	21.404	9.829	3.152	20.534	9.01	4.333	0.870	0.819	Applied for NO from BDPO
Malerkotla-Dhuri-Sangrur	1.116	0.717	0.593	0.701	0.707	0.593	0.415	0.010	NO received
<b>Bypasses</b>									
Gill Bypass	25.292	22.154	7.275	25.029	22.154	19.204	0.263	0.000	N.A.
Pohir Bypass	16.468	16.181	11.663	16.410	16.181	13.648	0.058	0.000	N.A.
<b>Total</b>	<b>76.405</b>	<b>58.323</b>	<b>24.937</b>	<b>72.78</b>	<b>55.375</b>	<b>42.197</b>	<b>3.625</b>	<b>2.948</b>	

## Appendix 10 -5/10

Table 5: Scheduled Dates vis-à-vis Time Taken for LA

Name of the Road / Bypass	Number of affected TH	Total LA in Acre	Agreed time frame in RAP	Date of section 4(1) notification	Date of section 6 notification	Start date of negotiation	End date of negotiation	Date of negotiation report submission to government	Date of Approval
<b>Up-gradation Package</b>									
Kharar-Banur-Tepla	217	13.273	Not mentioned	07-07-2006	21-06-2007	07-06-2007	Negotiations concluded in september, 2007.	17.07.07 , 29.08.07 and 16.10.07	08.08.07/06.11.07
Ludhiana-Malerkotla	351	25.436	-do-	04-07-2006	27-06-2007	15-06-2007	Negotiations concluded in July,2007.	17.09.07 and 27.09.07	06.11.07 & 07.11.07
Malerkotla-Dhuri-Sangrur	45	0.717	-do-	21-12-2006	Not required	21-06-2007	Negotiations concluded in July,2007.	17.09.09	06.11.07
<b>Bypasses</b>									
Gill Bypass	215	21.403	-do-	04-07-2006	27-06-2007	13-07-2007	20-07-2007	27.09.07	07.11.07
Pohir Bypass	63	15.388	-do-	04-07-2006	27-06-2007	15-06-2007	23-01-08	21.08.07(for Agl) & 12-02-08(for Comm)	07.11.07 for Agril. & 01.08.08

## Appendix 10 -6/10

**Table 6: LA Payment and Litigations**

Name of the Road / Bypass	Total TH	First and last dates of disbursement of cheques	Number of THs already disbursed cheques	Cheques prepared and not collected by TH	Number of PAPs/ cases settled by court	Time taken to settle the cases by court	Number of cases that have led to enhanced compensation	Average cost spent for addressing each court case in Rs.
<b>Up-gradation Package</b>								
<b>Kharrar-Banur-Tepla road (UG/1)</b>								
Kharrar Banur	213	Start date of disbursement - 17.12.07	182	NA				
Banur Tepla* ( for 2 villages)	4	30-10-07	4	NA	NA	NA	NA	NA
<b>Ludhiana Malerkotla Sangrur road (UG/2)</b>								
Ludhiana-Malerkotla	351	Start date of disbursement - 17.12.07	311	NA				
Malerkotla Sangrur	45	Start date of disbursement - 18.02.08	38	NA	NA	NA	NA	NA
<b>Bypasses</b>								
Gill Bypass	215	Start date of disbursement - 12.02.08	199	NA	NA	NA	NA	NA
Pohir Bypass	63	Start date of disbursement - 30.11.07	60	NA	NA	NA	NA	NA

<b>Table 7A : Disbursement of Land Compensation, R&amp;R Assistance, Structure and Other Assets (TH)</b>								
Name of the road /Bypass	Land Compensation			R&R Assistance, Structure and Other Assets				
	Total Approved Amount	Amount Disbursed	Balance Amount	Total Approved Amount (Except training amount)	Distribution of I installment	Distribution of II installment	Payment against training	Balance amount to be Paid
<b>Up-gradation Package</b>								
<b>Kharar-Banur-Tepla Road (UG/1)</b>								
Milestone - I	2818816.00	2818816.00	0.00	38520.00	38520.00	0.00	8600.00	0.00
Milestone - II	48004875.00	42355476.00	5649399.00	3821599.00	1698824.00	505507.00	451500.00	1617268.00
<b>Ludhiana-Malerkotla-Sangrur Road (UG/2)</b>								
Milestone - I ( After Revised COI )	23735944.00	23085944.00	650000.00	3904335.00	2332266.00	1161737.00	423550.00	410332.00
Milestone - II ( After Revised COI )	33131404.00	19359358.00	13772046.00	9755320.00	1732200.00	1036223.00	380550.00	6986897.00
<b>Tarn Taran-Chabal-Attari (UG/3)</b>	This Road had no Land Acquisition (TH)							
<b>Rehabilitation Package</b>								
Phillaur-Nagar-Aur-Rahon	This Road had no any Land Acquisition (TH)							
Kapurthala-Tarn Taran	This Road had no any Land Acquisition (TH)							
Dharamkot-Kot Ise Khan-Zira-Ferozpur	This Road had no any Land Acquisition (TH)							
Chandigarh-Landran-Chunni-Sirhind	This Road had no any Land Acquisition (TH)							
Patiala-Sirhind	This Road had no any Land Acquisition (TH)							
<b>Bypasses</b>								
<b>1. Gill Bypass</b>								
Village Gill	312220636.00	289777599.00	22443037.00	53650933.00	50696039.00	2101265.00	447200.00	853629.00
Village Bulara	22588635.00	22588635.00	0.00	5920159.00	5829892.00	90267.00	23650.00	0.00
<b>2. Pohir Bypass</b>								
Village Pohir	179156514.00	176347734.00	2808780.00	30120568.00	20376033.00	472359.00	135450.00	9272176.00

**Table 7B : Disbursement of Structure Compensation and R&R Assistance (NTH)**

Name of the road /Bypass	Total approved amount (Structure compensation & R&R assistance) in Rs. (Except training amount)	Distribution of I installment	Distribution of II installment	Payment against training (in Rs.)	Balance amount to be paid (in Rs.)
<b>Up-gradation Package</b>					
<b>Kharar Banur Tepla Road(UG/1)</b>	53,35,042.00	26,25,576.00	23,38,039.00	4,60,100.00	3,71,427.00
<b>Ludhiana Malerkotla Sangrur(UG/2)</b>					
Milestone - 1	1361380.00	680687.00	680693.00	53750.00	0.00
Milestone - 2 ( After Revised COI )	2344613.00	1165926.00	1165927.00	225750.00	12760.00
<b>Tarn Taran-Chabal-Attari (UG/3)</b>	1,85,893.00	92,946.00	92,947.00	10,750.00	0.00
<b>Rehabilitation Package</b>					
Phillaur-Nagar-Aur-Rahon	8,65,657.00	4,10,813.00	3,64,486.00	51,600.00	90,358.00
Kapurthala-Tarn Taran	This Road had no any NTH				
Dharamkot-Kot Ise Khan-Zira-Ferozpur	This Road had no any NTH				
Chandigarh-Landran-Chunni-Sirhind	This Road had no any NTH				
Patiala-Sirhind	This Road had no any NTH				
<b>Bypasses</b>					
Gill Bypass	This Bypass had no any NTH				
Pohir Bypass	This Bypass had no any NTH				

**Table 8: Relocation of Displaced Families on UG/2 : Not Required**

**Table 9: Details of CPR Relocation**

Name of the road /Bypass	Total number CPRs to be Relocated	Total relocated	Start date of relocation	End date of relocation	Expected date of relocation of balance CPRs	Date of handing over stretches to contractors
<b>Up-gradation Package</b>						
Kharar-Banur-Tepla	48	25	15.02.08			
Ludhiana-Malerkotla-Sangrur	115	46	15.02.08			
<b>Rehabilitation Package</b>						
Phillaur-Nagar-Aur-Rahon	30	30	12.02.08	May, 09		
Kapurthala-Tarn Taran	16	15	17.09.08			
Tarn Taran-Chabal-Attari	9	9	10.02.08	May, 09		
Dharamkot-Kot Ise Khan-Zira-Ferozpur	9	9		May, 09		
Chandigarh-Landran-Chunni-Sirhind	13	13	7.02.08	April,09		
Patiala-Sirhind	0	N.A.				
<b>Bypasses</b>						
Gill Bypass	0	N.A.				
Pohir Bypass	0	N.A.				

**Table 10: Income Restoration Plan :**

Name of the road /Bypass	Total PAPs Eligible for Training		Total Trained so far		Start date of Training		End date of Training		Remark
	TH	NTH	TH	NTH	TH	NTH	TH	NTH	
UG/I	214	100	204	84	02-09-2009	02-09-2009	18/04/09	18/04/09	
UG/II	656	130	647	122	02-09-2009	02-09-2009	18/04/09	18/04/09	
UG/III		6		6	02-09-2009	02-09-2009	18/04/09	18/04/09	
RH/III		24		24	02-09-2009	02-09-2009	18/04/09	18/04/09	



## Appendix 11

### Status regarding Tree Cutting and Shifting of Utilities

Ref. No.	Name of Project Road	Tree Cutting			Shifting of Electric Utilities			Shifting of pipe line under Water Supply & Sanitation Department		Shifting of utilities under Water Supply and Sewerage Board.			
		Trees to be removed	Trees Removed	%age of Work Completed	Total Electric utilities to be shifted (No.)	Total Electric utilities shifted (No.)	% Progress	Pipeline to be shifted(m)	%age of Work Completed	Pipeline to be shifted(m)	%age of Work Completed	Man Holes to be raised (No.)	Man holes Raised (No.)
UG 1	Upgradation of Kharar-Landran-Banur-Tepla	12332	12332	100.00%	239	Shifting of electric utilites ongoing in milestone II and completed in milestone I.		4709	26%	2005	56.0%	15	12
UG 2	Upgradation of Ludhiana-Malerkotla	13275	13195	99.40%	695	593	85.32%	7155	Relocation of pipe line not required.	N.A.			
	Upgradation of Malerkotla-Sangrur	6446	6440	99.91%	410	330	80.49%	1530	100%	1128	100%	24	24
UG 3	Ugradation of Tarn Taran-Chabbal-Attari	622	622	100.00%	49	49	100.00%	13888	100%	N.A.			
RH 2	Rehabilitation of Chandigarh Chunni-Sirhind	139	139	100%	86	86	100.00%	N.A.					
RH 3	Rehabilitation of Phillaur-Nagar-Rahon	4396	4392	100% [ 4 trees have been saved]	232	232	100.00%	8907	100%	N.A.			
RH 4	Rehabilitation of Kapurthala-TarnTaran	1673	1673	100.00%	212	212	100.00%	N.A.					
RH 1 & 5	Rehabilitation of Ferozepur-Zira-Dharmkot	1637	1620 [ 17 trees saved]	100.00%	270	263 [ shifting of 7 poles not required]	100.0%	9306	100.0%	N.A.			
RH 6	Rehabilitation of Patiala Sirhind**	65	65	100.00%	N.A.								

\*\* Forest Clearance awaited for diversion of 1.5 ha of forest land.

## Annexure I

### Summary of Understandings Meetings 23<sup>rd</sup>, 24<sup>th</sup> and 26th July 2009

#### Participants:

PRBDP: M.S. Nijjar, Gursharan Singh Gill, Davinder Bajaj, Rajeev Arora

OPUS: Tony Porter, Chin Chi Haw, Robert Fergerstrom, Steven Ho, Andrew Lange, Ramalingam Chenemougam

World Bank: Ben Eijbergen, Dr. Yitzhak Kamhi, Rajesh Rohatgi, Neha (Vyas) Mishra, N. S. Srinivas

#### Consultant's Programme of Deliverables

1. Interim Draft Final Report	End of September 2009
2. Tri-Party Consultation	Second Week of October
3. Draft Final Report & Draft Bid Document	End of October 2009
4. Comments from World Bank	30 November 2009
5. Final Report and Final B. D.	31 December 2009
6. Tendering	January 2010
7. Workshop to Explain Concepts	February 2010
8. Pre-bid Workshops	March 2010

*This schedule should be met because further delay, will have consequences on request for additional funding and then whether project can be implemented.*

#### The Draft Final Report will include:

##### 1. Executive Summary

##### 2. Base Data

###### a. Present Network Situation

###### i. Possession of Site

- Other Contractors
- Unauthorized dumping on ROW
- Restrictions proposed by other Government Agencies

###### ii. Users perspective

- Major concerns

- iii. Technical perspective
    - ROMDAS (IRI, Rutting, Road Feature Inventory)
    - Soil Investigation
    - FWD analysis (representative stretch of approximately 200 km and criteria for their selection) with pavement residual life, pavement strength, pavement deterioration curve analysis
  - iv. Drainage Issues (including structures)
- b. Network selection Criteria
- i. Length
  - ii. Connectivity
  - iii. Other criteria adopted
- c. Description of Network
- i. Geotechnical
  - ii. Existing Traffic
  - iii. Existing Classification (SH, MDR, ODR, Link)

### **3. Conceptual Design of the Project**

- a. Traffic Analysis
- i. Forecast
    - Volume and Composition
    - Overloading
  - ii. Design Life (10, 15, 20 years)
- b. Pavement Design
- i. Design Criteria
    - Traffic (Growth and Overloading - VDF)
    - Level of Service (Deflection, IRI etc.)
    - Pavement Deterioration Model, Residual Life of Pavement (design calculations)
  - ii. Discuss:
    - In accordance with IRC Specification and Number
    - Justification for requiring minimum specifications that may exceed IRC specifications
    - How to allow for innovation - options for consideration
    - Typical cross sections including cut and fill slopes
    - Adequacy of 25 mm overlay and rationale for recommending higher value (40 mm)

- c. Safety Improvements
- d. Drainage Issues
- e. Social/Environmental Aspects
- f. ROW aspects

#### 4. Levels of Service

- a. By Category (encompassing road users point of view, road strength/durability, management, etc)
- b. Management measures Road User Safety and Comfort (RUSC) measures, Durability Measures
- c. Environmental, Social and Safety compliance measures
  - i. Contractor proposes solutions and item is considered compliant until improvement work is undertaken as determined by the client
- d. Discuss merits of accelerating the improvement (upgrading) works and possible bonuses

*Why selected service levels are right for Punjab, how to apply service levels and remedies (consider zero tolerance on issues that impact upon residual life*

*Issue of compliance, time frame for compliance and contractor's options for deciding when, how and where to be addressed*

#### 5. Risk Management

- a. Risk Analysis
- b. Mitigation Measures
- c. Risk Costing (apply probability factors)
- d. Risk Allocation (whether Included or excluded in contract cost)
  - i. Contractor, Government, Monitoring Consultant

*Contract Bidding Document/Draft Final Report needs to show who carries the risk, mechanism that triggers each risk, and the obligations of each party (consultants, contractors, etc) of the contracting entity. (Similar to North Canterbury example) Roles and responsibilities of each party to the entity needs to bringing in a "replacement contractor" in case of non-performance of the original contractor.*

*Option of Bonus to encourage contractor to increase resource to accelerate the up-gradation works (mainly from a safety point of view) i.e. benefits to road users. This can be focused through the financial model. With the Bonus, there needs to be a penalty consequence if the award of the "Bonus" was not complied. (In case of such a scenario, the need for a conformity bonus plus option – bonus – bids needs to be addressed). The Bonus evaluation additional points also should not be*

*to the extent that it is substantial that his price which is much higher gets him the project. Hence, the extent to upgrading value has all Contract Packaging ~ main driver is the cash flow and the tenure of the contract can be flexible, as long as the asset preservation target is achieved.*

*The Issue was raised by PRBDB whether there should be a periodic review after certain tenure (5+3+2). It was felt that an "Out Clause" for performance review should not be on a tenure basis. Contractor may consider this a "Risk" item and it may be used for "pushing" one party out, on the other hand if either party had not priced the contract properly such review would allow for an exit clause based on mutual understanding. It was concluded that such termination clause is always provided under the contract.*

*This section must address Environmental and Social compliance measures e.g. turning over of ROW, tree removal, safety measures, unauthorized dumping, and third party infringement. Appendix will identify locations that are impacted*

*Responsibility (Contractor and/or Government and issue of time frame for granting/obtaining approvals will be discussed)*

## **6. Cost Estimates**

- a. Basis for Estimate
- b. Term of Contract (5, 7, 10 year pavement life cycle)
- c. To include provisional sums for emergencies, EIA/SIA compliance
- d. Bond Structure, amounts and types and need for adjustment due to inflation (Construction, Maintenance, Operation)

## **7. Contractor Capacity**

- i. Local/International (impact on package size)

## **8. Packaging**

- a. Rationale
- b. Technical and Financial Description
- c. Cost of each package

*Current thinking is 3 packages likely not to be evenly balanced but based on rationale described in (a) above*

## **9. Financial Model (Cost Recovery ) (3 alternatives)**

*This section will present rationale, justify expenditure and recommend best alternative.*

- a. Philosophy /Methodology  
*Could differ by package but must consider impact on tenderers and administration of contract*
- b. Cost of Money
- c. Public/Private funding options as an aspect of OPRC project
- d. Value for Money (HDM)
  - i. OPRC vs. Business as Usual
- e. Escalation for price fluctuation and options for review of escalation clause
- f. Minimum intervention lengths for periodic maintenance, rehabilitation, improvements etc, (milestone payments provided if LOS parameters are achieved)
- g. Payment Regime to include justification for and provision of payment for improvement and rehabilitation works when completed and approved when falling within annual estimate and periodic adjustment of planned quantities (milestones payment for finished sections)
- h. Options and justification for Bonus payments to contractor for accelerated improvement and rehabilitation works

## **10. Value for money**

- a. Economic justification for OPRC (as compared to current mode)
  - i. NPV
  - ii. Benefit Cost (EIRR) – minimum of 12%
    - Sensitivity Analysis
    - Expect 25-30% savings on investment

## **11. Management and Reporting Obligations**

- a. Employer,
- b. Contractor (Independent Unit & Independent Auditor)
  - i. Quality Assurance
  - ii. Service Levels
  - iii. Road Data
  - iv. Environmental, social, safety compliance measures
- c. Monitoring Consultant
  - i. TOR for 10 yr agreement
    - Review Designs
    - Compliance Testing
      - Inspection Regime

- Random Verification Testing (RVT)  
(methodology, equipment, etc)
  - Service Levels
  - Endorse Payments
  - Participate as member of the Management Board
- d. Information Management
  - i. Road Data Base
    - Content
    - Responsibility
    - Analysis, use, maintaining and updating
- e. Review(s)
  - i. To include or not include “out clause” as justified under discussion of risks
- f. Monitoring Project Success
  - i. Road User Satisfaction (Firm currently under contract), collection, usage
  - ii. Government Satisfaction
- g. Dispute Resolution
- h. Provide example of Payment Report

## **12. Emergency Work**

- a. Define Emergencies (try to have explicit criteria – more than xx mm of rain in period)
- b. Estimate Quantities and cost (not to be included in Bid Documents)
- c. Options for payment for emergencies or other unplanned interventions including MORTH Standard Data Book and Punjab Resource Rates
  - i. Common Schedule of Rates
  - ii. Quarry Rates
  - iii. Labor Rates
  - iv.

## **13. Procurement Criteria for Civil Works Packages**

- a. Evaluation System (Technical and Financial)
- b. Pre-screening Criteria (Yes/No)
- c. Evaluation Criteria
  - i. Contractor Capacity
  - ii. Management (asset management) Capacity
  - iii. Engineering Capacity
    - Design
    - Geotechnical
  - iv. Financial Capacity

- d. Back to Back Agreements between parties of the bidding entity
- e. Access to required financing and resources
- f. Allow tenderers to bid on more than one package and offer discount if selected on more than one
- g. Standard World Bank Evaluation Criteria to be incorporated
  - i. Website
- h. Technical/financial weights in evaluation

#### **14. Payment Mechanisms**

- a. The preference is to pay for improvements (upgradation) rehabilitation and resurfacing on an output basis with a variable upper limit per year (mile stones)
- b. Only pay for the work done
- c. Issue of price fluctuation above 15% will/may instigate review renegotiation of unit cost price
- d. Force Majeure clauses

#### **Appendices**

Qualification Criteria (Justification for recommendation whether pre or post tendering)

Bid Documents

Full TOR for Monitoring Consultant

Network Selection

Cost Benefit and Sensitivity Analysis Calculations

List of Social and Environmental sensitive areas e.g. Schools, Hospitals, forest areas and category, etc.

Typical Drawings

Pavement Design (show calculations)

Drainage

Pavement Markings

Safety

Environmental/Social Compliance

Others (Cross-sections, crossings, schools, religious places, culvert layouts, etc)

Specifications

Standard

Particular (when not covered under IRC specifications)



## Pavement Design Report

### General Notes:

- (i) Include definition of terms and acronyms
- (ii) Bid Documents to address issue of currency, payment model and other World Bank requirements. World Bank website lists these requirements
- (iii) Final bid document should contain a clear statement of source of funding (WB, GOP, GOI, other)
- (iv) Deterioration between tender submission and award should be the contractor's responsibility but as a defense against a claim for excessive deterioration we should take a video of the network after tender submission. (add base line data)
- (v) Issue of approvals and time frame for granting permission by government agencies needs to be addressed. PRBDB shall be responsible where authorities have instigated works of nature
- (vi) Bonds regime to be broken down into sub-guarantees for different aspects of the activities under OPRC e.g. maintenance, rehabilitation etc. This is in comparison to the Liberian case study of construction, operations bonds, etc.

PRBDB raised the issue that Punjab PWD has been using 25 mm thick mix seal/SDBC as top layer which has been found to be adequate , However it was felt that thicker overlays should not be provided as the objective is not to cover a larger network (with thinner overlays which fall apart earlier) rather than a more durable – smaller network. PRBDB insistence is that the contractors would carry out thin overlays and the project may be giving an

"over-provided" cost estimate. OPRC is about minimum criteria and contractor cannot go below such specifications. It was felt that top layer of about 50 mm needs to be provided on State Highways (depending upon Traffic volume, damage, etc).

- (viii) Final report will be based on FWD analysis for the entire project length of road networks
- (ix) Draft Bidding Document
- (x) Use World Bank Sample OPRC Bidding Documents published in 2006 as a basis, but upgrade to encompass all features and recommendations (as designed for the entire life cycle of the project) from Draft Final Report

This document should also include:

1. Rough Estimates of the project
2. Area map with layout of the project roads
3. List of all roads included in the project, length, width, basic conditions, intended intervention

The Interim Draft Final Report supersedes the Interim Report No. 2. Hence the associated payment to the consultant should be effected by the Interim Draft Final Report.

  
Sh. M.S. Nijjar

Project Director

  
Robert Fergstrom

Team Leader

			<b>Annexure II</b>	
<b>Punjab State Road Sector Project</b>				
<b>Project Report Format- 1 (Revised)</b>				
<b>Quarterly Financial Monitoring Report - (Project Activities)</b>				
<b>Report for the quarter ended on 31.03.09</b>				
<b>(Amount in Rs.)</b>				
Particulars	For the Quarter (01.01.09 to 31.03.09)	Cumulative		Forecast for next six months
		Year till date	Project till date	
<b>Opening Balance (A)</b>	87,58,37,298			
<b>Receipts</b>				
Govt. of Punjab Funds				
(a) Remittance from Govt. of Punjab	0	38,40,00,000	1,48,30,50,458	
(b) Other Receipts/ Income	6,74,86,036	11,54,98,235	13,92,05,943	
World Bank funds	0	1,15,92,62,000	3,52,28,62,000	
<b>Total Receipts (B)</b>	6,74,86,036	1,65,87,60,235	5,14,51,18,401	
<b>Total Sources (C=A+B)</b>	<b>94,33,23,334</b>	<b>1,65,87,60,235</b>	<b>5,14,51,18,401</b>	
<b>Expenditures by Component</b>				
Road Upgrading	37,15,89,086	1,45,47,55,741	2,05,60,81,888	
Rehabilitation	61,01,44,506	1,75,77,76,218	2,16,38,44,514	
Periodic Maintenance	1,00,000	3,52,60,971	63,37,57,699	
Institutional Strengthening	8,22,829	51,15,494	2,50,09,864	
Incremental Operating Costs	34,72,486	1,46,58,575	3,54,93,294	
<b>Total Expenditures (D)</b>	<b>98,61,28,907</b>	<b>3,26,75,66,999</b>	<b>4,91,41,87,259</b>	
<b>Advance to Suppliers/ Others</b>				
Advances for Upgrading	0	3,77,88,559	30,90,25,149	
Advances for Rehabilitation	0	4,38,28,463	49,31,38,129	
Advances for Periodic maintenance	0	0	0	
Other Advances	97,910	87,07,454	98,57,664	
<b>Total Advances (E)</b>	<b>97,910</b>	<b>9,03,24,476</b>	<b>81,20,20,942</b>	
<b>Less: Recovery/ Adjustment of Advances</b>				
Recovery for road Upgrading	5,37,53,056	14,83,39,896	16,11,11,855	
Recovery for Rehabilitation	4,25,75,387	24,73,94,002	33,60,02,977	
Recovery for Periodic Maintenance	0	0	0	
Other Recovery	0	4,71,590	16,19,300	
<b>Total Recoveries (F)</b>	<b>9,63,28,443</b>	<b>39,62,05,488</b>	<b>49,87,34,132</b>	
<b>Net Advances (G= E-F)</b>	<b>-9,62,30,533</b>	<b>-30,58,81,012</b>	<b>31,32,86,810</b>	
<b>Total Uses ( H= D+G)</b>	<b>88,98,98,374</b>	<b>2,96,16,85,987</b>	<b>5,22,74,74,069</b>	
Current Liabilities	5,27,12,432	18,84,93,060	18,84,93,060	
<b>Net Uses (I)</b>	<b>83,71,85,942</b>			
<b>Closing Balance ( J= C-I)</b>	<b>10,61,37,392</b>			

It is certified that closing balance is as per Project Books of Accounts as on 31.03.09

Punjab State Road Sector Project				
Project Report Format- 1 (revised)				
Quarterly Financial Monitoring Report - (Project Activities)				
Report for the period ended on 30.06.09				
(Amount in Rs.)				
Particulars	For the period 01.04.09 to 30.06.09	Year till date	Project till date	Forecast for the next si months
<b>Opening Balance (A)</b>	10,61,37,392			
<b>Receipts</b>				
Govt. of Punjab Funds				
(a) Remittance from Govt. of Punjab	0	0	1,48,30,50,458	
(b) Other Receipts/ Income	53,81,029	53,81,029	14,45,86,972	
World Bank funds	30,00,00,000	30,00,00,000	3,82,28,62,000	
<b>Total Receipts (B)</b>	<b>30,53,81,029</b>	<b>30,53,81,029</b>	<b>5,45,04,99,430</b>	
<b>Total Sources (C=A+B)</b>	<b>41,15,18,421</b>	<b>30,53,81,029</b>	<b>5,45,04,99,430</b>	
<b>Expenditures by Component</b>				
Road Upgrading	19,74,30,724	19,74,30,724	2,25,11,49,807	
Rehabilitation	23,32,40,394	23,32,40,394	2,41,49,49,956	
Periodic Maintenance	13,06,878	13,06,878	63,50,64,577	
Institutional Strengthening	8,88,393	8,88,393	2,58,98,257	
Incremental Operating Costs	42,16,585	42,16,585	3,97,09,879	
<b>Total Expenditures (D)</b>	<b>43,70,82,974</b>	<b>43,70,82,974</b>	<b>5,36,67,72,476</b>	
<b>Advance to Suppliers/ Others</b>				
Advances for Upgrading	0	0	30,90,25,149	
Advances for Rehabilitation	0	0	49,31,38,129	
Advances for Periodic maintenance	0	0	0	
Other Advances	10,43,239	10,43,239	1,09,17,421	
<b>Total Advances (E)</b>	<b>10,43,239</b>	<b>10,43,239</b>	<b>81,30,80,699</b>	
<b>Less: Recovery/ Adjustment of Advances</b>				
Recovery for road Upgrading	2,93,83,795	2,93,83,795	13,67,42,594	
Recovery for Rehabilitation	0	0	40,76,21,081	
Recovery for Periodic Maintenance	0	0	0	
Other Recovery	0	0	16,19,300	
<b>Total Recoveries (F)</b>	<b>2,93,83,795</b>	<b>2,93,83,795</b>	<b>54,59,82,975</b>	
<b>Net Advances (G= E-F)</b>	<b>-2,83,40,556</b>	<b>-2,83,40,556</b>	<b>26,70,97,724</b>	
<b>Total Uses ( H= D+G)</b>	<b>40,87,42,418</b>	<b>40,87,42,418</b>	<b>5,63,38,70,200</b>	
<b>Current Liabilities</b>	<b>8,15,877</b>		<b>18,92,68,186</b>	
<b>Net Uses (I)</b>	40,79,26,541			
<b>Closing Balance ( J= C-I)</b>	<b>35,91,880</b>			

It is certified that closing balance is as per Project Books of Accounts as on 30.06.09