



CONTRACT
FOR
INDIVIDUAL CONSULTANTS SERVICES FOR UPDATING REHABILITATION
ACTION PLAN OF JAGATPUR-CHANDABALI ROAD UNDER ODISHA STATE
ROADS PROJECT

BETWEEN

CHIEF ENGINEER, WORLD BANK PROJECTS, ODISHA
ON BEHALF OF

GOVERNMENT OF ODISHA

AND

MR. KIRTI BAS
SOCIAL PLANNER

B-6/11, RAILVIHAR, INDRAPURAM, GAZIABAD-201010

EMAIL- kirti_bas@yahoo.co.in, kirtibas1@gmail.com


Chief Engineer
World Bank Project
to the E.I.C. (C&M), Odisha
Bhubaneswar.





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CONTRACT
FOR

INDIVIDUAL CONSULTANT SERVICES FOR UPDATING REHABILITATION
ACTION PLAN OF JAGATPUR-CHANDABALI ROAD UNDER ODISHA STATE
ROADS PROJECT

This CONTRACT (hereinafter called the "Contract") is made the 25th day of the month of April, 2012 between, on the one hand, Chief Engineer, World Bank Project, Odisha, Bhubaneswar (hereinafter called the "Client") and, on the other hand, Mr. Kirti Bas, (hereinafter called the "Consultant").

WHEREAS

- The Client has requested the Consultant to provide certain consulting services as defined in this Contract (hereinafter called the "Services");
- The Consultant, having represented to the Client that it has the required professional skills, and personnel and technical resources, has agreed to provide the Services on the terms and conditions set forth in this Contract;
- The Client has received a loan from the International Bank for Reconstruction and Development (hereinafter called the "Bank") towards the cost of the Services and intends to apply a portion of the proceeds of this loan to eligible payments under this


Chief Engineer
World Bank Project
Odisha-E.I.C.(Civil), Odisha
Bhubaneswar.



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Contract, it being understood (i) that payments by the Bank will be made only at the request of the Client and upon approval by the Bank , (ii) that such payments will be subject, in all respects, to the terms and conditions of the agreement providing for the loan , and (iii) that no party other than the Client shall derive any rights from the agreement providing for the loan or have any claim to the loan proceeds;

- (d) For administrative purposes Mr. P.K.Nanda, Deputy Commissioner(Land acquisition), Odisha State Road Projects has been assigned to administer the assignment on behalf of the client and to provide the consultant with all relevant information needed to carry out the assignment.
- (e) The services will be required in Jagatpur –Chandbali Road under the Odisha State Roads Project for about 4 Months, during the period from 25th April, 2012 to 24th August, 2012.
- (f) The Chief Engineer, World Bank Projects; Odisha may find it necessary to postpone or cancel the assignment and/or shorten or extend its duration based on exigencies of situation. However, every effort will be made to give the consultant, as early as possible, notice of any such changes. In the event of termination, the consultant shall be paid for the services rendered for carrying out the assignment to the date of termination, and will provide the Chief Engineer, World Bank Projects, Odisha with any reports or parts thereof, or any other information and documentation gathered under this Contract to the date of termination.

Chief Engineer
World Bank Project
to the E.I.C.(Civil),
Bhubaneswar.

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- (g) This Contract, it's meaning and interpretation and the relations between the parties shall be governed by the law of union of India.
- (h) Set out below are the terms and conditions under which the consultant has agreed to carry out the assignment for the Chief Engineer, World Bank Projects, Odisha. The services to be performed, the estimated time to be spent, and the reports to be submitted will be in accordance with the attached Terms of Reference.
- (i) This Contract will become effective upon signing by both parties terminate on 24th August 2012 or such other date as mutually agreed upon.
- (j) Payments for the services will not exceed the total amount indicated in the attached cost estimate for the assignment.
- (k) The consultant shall be paid monthly as follows within 30 days' of receipt of invoice, a fee at the rate of (Currency, Amount) per working month as follows:

Currency: Indian Rupees Rate: ₹ 80, 000 Per Month. The said fee will include to and fro travel costs (Delhi to Bhubaneswar) incidental expenditure and taxes. The Client will perform such duties, in regard to the deduction of such tax, as may be lawfully imposed.

In addition, the Client, World Bank Projects, Odisha will provide the "support" to the enumerated in the attached Terms of Reference to enable him carry out the services.

Chief Engineer
World Bank Project
The E.P.C. (Civil), Odisha
Bhubaneswar.

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BHUBANESWAR
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- (l) The Consultant shall be responsible for appropriate insurance coverage. In this regard, he shall maintain medical, travel, accident and third-party liability. He shall indemnify and hold harmless, the Chief Engineer, World Bank Projects, Odisha against any and all claims, demands, and/or judgments of any nature brought against the Chief Engineer, World Bank Projects, Odisha arising out of the services under this Contract. The obligation under this paragraph shall survive the termination of this Contract.
- (m) All materials produced or acquired under the terms of this Contract written, graphic, film, magnetic tape or otherwise shall remain the property of the Chief Engineer, World Bank Projects, Odisha. The Chief Engineer, World Bank Projects, Odisha retains the exclusive right to publish or disseminate reports arising from such materials. The rights and duties provided for in this paragraph shall continue, notwithstanding the termination of this Contractor the execution of its other provisions.
- (n) The Consultant carry out the assignment in accordance with the highest standard of professional and ethical competence and integrity, having due regard to the nature and purpose of the assignment, and will conduct yourself in a manner consistent herewith.
- (o) The Consultant shall not assign this Contract or sub-contract or any portion of it without the Client's prior written consent.


Chief Engineer
World Bank Project
To the E.I.C.(Chief), Odisha
Bhubaneswar.



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- (p) During the term of this Contract and after its termination, The Consultant shall be disqualified from providing goods, works or services (other than the Services and any continuation thereof) for any project resulting from or closely related to the Services.
- (q) The Consultant knowledge and information not within the public domain which may be acquired by The Consultant during the carrying out of this Contract, shall be, for all time and for all purpose, regarded as strictly confidential and held in confidence, and shall not be directly or indirectly disclosed by the Consultant to any person whatsoever, except with the Chief Engineer, World Bank Projects, Odisha's written permission.
- (r) Any dispute arising out of the Contract, which cannot be amicably settled between the parties, shall be referred to adjudication/arbitration in accordance with Arbitration & Conciliation Act 1996.

The mutual rights and obligations of the Client and the Consultant shall be as set forth in the Contract, in particular:

- (a) The consultant shall carry out the Services in the accordance with provisions of the Contract; and
- (b) The Client shall make payments to the Consultants in accordance with the provisions of the Contract.

The following documents attached here to shall be deemed to form an integral part of this

Contract
Chief Engineer
World Bank Project
Of the E.I.C.(Civil), Odisha
Bhubaneswar

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19 APR 2012

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S. K. Patra
STATIONER
BHUBANESWAR



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LIST OF ANNEXURES

Annexure-1	Terms of Reference
Annexure-2	Curriculum Vitae of Consultant
Annexure-3	Work plan and Methodology of the consultant
Annexure-4	Financial Proposal of the consultant vide letter no. Nil dtd. 20.03.2012

IN WITNESS WHEREOF, the parties hereto have caused this Contract to be signed in their respective names as of the day and year first above written.

FOR THE CLIENT

FOR THE CONSULTANT

Signed By [Signature]
15/04/12

Signed By [Signature]

Title: Chief Engineer,
World Bank Projects, Odisha

Title: Mr. Kirti Bas

Witness:

1. [Signature]

2. [Signature]

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S. K. Panda
STAMPVENDOR
GOVERNMENT COURTS

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**TERMS
OF
REFERENCE**

Hiring individual consultant of Social expert for updating RAP of Jagatpur-Chandbali road (Phase-II) under OSRP.

Terms of Reference

1. **Background:** Govt of Odisha has availed the World Bank Assistance (Loan No. 7577-IN) for improving and widening the Jagatpur-Chandbali road under Odisha State Roads Project in its phase-II. The Resettlement Action Plan (RAP) for this road was prepared by the DPR consultant in 2007. Before calling the tenders for civil works it is intended to update the RAP to account for new claimants due to land acquisition, change in ownership and other genuine reasons and also the biennial enhanced R&R entitlements of Govt. of Odisha.
2. **Objective:** The objective of hiring a Social expert is to ensure over all supervision, guidance, sample verification , during the exercise of updating RAP through 4 teams working concurrently (detailed below) preparation of final report (updated RAP) incorporating compliances to the World Bank observations and ensuring RPDAC approval.
3. **Scope of Services and Methodology:** The whole updating exercise involves demarcation of the proposed right of way (PROW) on both sides of the road, engineering assessment of damage of affected structures leading to displacement of the PAFs and collection, updation/verification of census data in order to assess the socio-economic impact through the four teams. The formats available in the RAP shall be used. The cut-off date as per Revenue and Disaster Management Department's letter No.42388 Dt.20.10.2010 shall be followed. During the process of updating RAP the PAPs will be re-sensitized on the proposed widening and improvement of the road corridor and their doubts cleared. Based on the implementation experience in 1st year roads and analysis of complaints the PAPs will be correctly clarified on the definition of displacement and entitlement framework .This exercise will be directed, reviewed, and monitored by PMU. The RAP shall be updated through R&B Divisions concerned in view of their acquaintance with the proposed RoW as they have already been assessing the level of impact during the land acquisition process and review of design and appreciation process. As specialized intervention is required for the R&R process and inview of the limited time available, for updating the RAP, the following arrangement has been proposed. Four teams shall be constituted to work concurrently and complete the process in 2 months to meet the precondition of the World Bank for calling the tender for civil works.

4. **Consultation:** The exercise will involve a two stage consultation-(a) during impact re-survey through questionnaire-based interviews, focus group discussions at key locations followed by preparation and disclosure of the updated draft RAP and (b) public consultations at key locations to discuss the draft RAP before finalizing it.

Team-1 (Ch. 0/00 to 34/000km)

1. Executive Engineer (R&B) Cuttack Team Leader
2. Asst. Engineer (R&B) Salepur
3. Junior Engineer (R&B) Salepur
4. MSW/Social survey Investigator – 2 nos (to be hired)
5. Community counselor-1nos(to be hired)
6. Data entry operator-1 nos(to be hired)
7. Amin- 1 no (to be hired)
8. Attendant- 1 No(to be hired)

Team-2 (Ch34/000to Ch58/000 km)

1. Executive Engineer (R&B) Kendrapara , Division-Team Leader
2. Asst. Engineer (R&B) Kendrapara
3. Junior Engineer (R&B) Kendrapara
4. MSW/Social survey Investigator – 2 nos (to be hired)
5. Community counselor-1nos(to be hired)
6. Data entry operator-1 nos(to be hired)
7. Amin- 1 no (to be hired)
8. Attendant- 1 No

Team-3 (Ch58/000km to Ch 99/000 km)

1. Executive Engineer (R&B) Kendrapara , Division-Team Leader
2. Asst. Engineer (R&B) Pattamundai
3. Junior Engineer (R&B) Pattamundai
4. Junior Engineer (R&B) Aul
5. MSW/Social survey Investigator – 2 nos (to be hired)
6. Community counselor-1nos(to be hired)
7. Data entry operator-1 nos(to be hired)
8. Amin- 1 no (to be hired)
9. Attendant- 1 No

Team 4 (Ch. 99/00 to 106/00 km)

1. Executive Engineer (R&B) Bhadrak Division,-Team Leader
2. Asst. Engineer (R&B) Chandbali
3. Junior Engineer (R&B) Chandbali
4. MSW/Social survey Investigator – 1 nos (to be hired)
5. Community counselor-1nos(to be hired)

6. Data entry operator-1 nos(to be hired)
7. Amin- 1 no (to be hired)
8. Attendant- 1 No

The service of a social expert having experience in similar work shall be hired to coordinate and oversee the exercise from social angle and produce the updated RAP for approval of RPDAC. The teams shall be imparted training in PMU and handed over the survey and reporting formats before commencement of the field work. The Team Leaders shall mail daily progress to CE (WBP) to ensure quality and adherence to the deadline. The specific responsibilities of the Social Specialist will be the following:

- Updating the questionnaire if and as required in discussion with the PMU
- Planning the Re-survey work, advising on the team constitution and timeline
- Training the survey teams and accompanying them in initial survey in order to check their understanding and to reconfirm methodology and process with them;
- Preparing Consultation Plan, with schedule, key questions, and minutes formats; training field teams to hold consultations;
- Leading initial survey and consultations for finalizing draft RAP;
- Training the data-operator team regarding entry process and monitoring progress;
- Data compilation with help of the team and data analysis;
- Writing up the updated draft RAP, based on survey findings;
- Finalizing the RAP incorporating review comments given by the PMU and the Bank.

5. **Minimum Qualification and experience of Social expert:**

The Social Expert should have a higher degree in social sciences with at least 8 years of experience in Resettlement and Rehabilitation work including of having prepared RAPs for projects in the past.

6. **Time period:** 4 months

7. **Deliverables:**

1. Submission of weekly updates regarding progress in the assignment; minutes of meetings and consultations held
2. Submission of Draft updated RAP with annexures.
3. Submission of final (updated) RAP with annexures incorporating comments of World Bank and presentation to RPDAC within two weeks of receipt of the comments.

8. **Review Procedure:**

A. The following Committee shall review the progress in updating the RAP:

1. Chief Engineer (World Bank Projects) -- Chairman

2. Deputy Commissioner (Land Acquisitions), PMU
3. Financial Advisor, PMU
4. Special Land Acquisition Officer, PMU
5. Executive Engineer-II, PMU

The social expert shall attend the above review meeting to be held once a every fortnight or as & when required

- B. The World Bank Social Development Specialist /team shall review the process as & when required.

9. **Support to be given by the client:**

1. Vehicle for under taking field visits.
2. Office space in PMU and respective EE, R&B/ AE (R&B) offices and PMU
3. Computer Operator (from Respective team)
4. Office stationery as required including report preparation, Xerox and binding facility.
5. Office telephone (existing lines) of respective EE, R&B/ AE, R&B and PMU.

**Curriculum Vitae
Of
Consultant Facilitator**


Chief Engineer
World Bank Project
No the E.I.C.(Civil), Odisha
Bhubaneswar.



Curriculum Vitae

Proposed Position : **Social Development Specialist (Social Scientist)**
Name of Firm :
Name : **Kirti Bas**
Profession : **Social Planning**
Date of Birth : **July 11, 1971**
Years with the Firm : **---**
Nationality : **Indian**

Membership in Professional Societies

- Member, AGS, Department of Geography, Delhi
- Member, Environmental Monitoring Society (India)
- Member, NAGI (India)

Key Qualification

Mr. Kirti Bas has 17 years of experience in execution, coordination and management of projects in social and environmental development sector particularly related to roads & highways. Areas of specialization includes preparation of Resettlement Action Plan involving Social Impact Assessment studies including screening exercises, beneficiary surveys, inventory of evictees, assessing socio-economic status of affected population, detailed assessment of rehabilitation needs, gender issues, preparation of land plan schedules, preparation of entitlement framework, formulation of income restoration and micro enterprises strategy and schemes, review of legal framework, public consultation, programme sustainability and NGO & CBO involvement, institution development, networking with various agencies, conducting training programmes for implementing agencies, project implementation, monitoring and evaluation, etc. Has in-depth knowledge of PRA and RRA techniques of qualitative surveys apart from conducting in-depth interviews and group discussions. Kirti Bas has been associated with preparation of EIA and EMP for several highway projects. In the brief career Mr Bas has been instrumental in making paradigm shift in land acquisition procedure under NH-Act 1956 for North Eastern part of the country (non-cadastral areas).

Mr Kirti bas has been resource person to impart training to several organizations including Odisha Works Department, Indo-African Forum(about 40 countries), Kerala PWD and other organizations.

Education:

1995 M.A. Geography (Social Science), Department of Geography, Delhi School of Economics, University of Delhi.


Civil Engineer
World Bank Project
to the E.I.C.(Civil), Odisha
Bhubaneswar.



1996 M.Phil (**Environmental Problems and Policies in India**), Department of Geography, University of Delhi

Other Training:

- Trained as fieldworker in INDO-Dutch Project.
- Trained under Ishamu Kayane, Member Science Council Japan
- Training of Research techniques from Department of Geography

Experience Record :

August 1996 to till Date **Consultant (Social Impact Assessment),**

Name of assignment or project: Social Impact Assessment of Khurja-Dadri and Khurja Ludhiana section of Eastern Dedicated freight Corridor, Ministry of Railways, Government of India (funded by the World Bank)

Year: 2011-2012

Client: Dedicated Freight Corridor Corporation of India Ltd, Ministry of Railways, Govt. of India

Position Held: Team leader, Social Assessment

Activities performed: As a **Team leader and Social Development Specialist**, responsible for identification of mechanisms to improve project designs to meet the needs of different stakeholders; verification of Land Acquisition Plan; valuation of assets and properties, conducting base line socio-economic and census surveys to assess the impacts on the people, properties and loss of livelihood and to establish the benchmark for monitoring of R&R activities; assessing the impact of the project on the poor and vulnerable groups along the project road corridor; based on the identified impacts, develop an entitlement matrix for the project affected people; preparation of implementation budgets, sources and timing of funding and schedule of tasks; identifying responsibility of tasks, institutional arrangements and personnel for delivering entitlement and plans to build institutional capacity; preparation of internal and external monitoring plans, key monitoring indicators and grievance redress mechanism; preparation of RAP for the project; and incorporating any other suggestions of the Client.

Name of assignment or project: Social Impact Assessment of Mughalsarai-Khurja Section of Eastern Dedicated freight Corridor, Ministry of Railways, Government of India (funded by the World Bank)

Year: 2011-2012

Client: Dedicated Freight Corridor Corporation of India Ltd, Ministry of Railways, Govt. of India

Position Held: Team leader, Social Assessment

Activities performed: As a **Team leader and Social Development Specialist**, responsible for identification of mechanisms to improve project designs to meet the needs of different

stakeholders; verification of Land Acquisition Plan; valuation of assets and properties, conducting base line socio-economic and census surveys to assess the impacts on the people, properties and loss of livelihood and to establish the benchmark for monitoring of R&R activities; assessing the impact of the project on the poor and vulnerable groups along the project road corridor; based on the identified impacts, develop an entitlement matrix for the project affected people; preparation of implementation budgets, sources and timing of funding and schedule of tasks; identifying responsibility of tasks, institutional arrangements and personnel for delivering entitlement and plans to build institutional capacity; preparation of internal and internal monitoring plans, key monitoring indicators and grievance redress mechanism; preparation of RAP for the project; and incorporating any other suggestions of the Client.

Name of assignment or project: Social Impact Assessment of RoB of Bhaupur-Khurja section of Eastern Dedicated freight Corridor, Ministry of Railways, Government of India (funded by the World Bank)

Client: Dedicated Freight Corridor Corporation of India Ltd, Ministry of Railways, Govt. of India

Position Held: Team leader, Social Assessment

Activities performed: As a **Team leader and Social Development Specialist**, responsible for identification of mechanisms to improve project designs to meet the needs of different stakeholders; preparation of Land Acquisition Plan; valuation of assets and properties, conducting base line socio-economic and census surveys to assess the impacts on the people, properties and loss of livelihood and to establish the benchmark for monitoring of R&R activities; assessing the impact of the project on the poor and vulnerable groups along the project road corridor; based on the identified impacts, develop an entitlement matrix for the project affected people; preparation of implementation budgets, sources and timing of funding and schedule of tasks; identifying responsibility of tasks, institutional arrangements and personnel for delivering entitlement and plans to build institutional capacity; preparation of internal and internal monitoring plans, key monitoring indicators and grievance redress mechanism; preparation of RAP for the project; and incorporating any other suggestions of the Client.

Name of assignment or project: Social Impact Assessment of Tundla Bypass Section of Eastern Dedicated freight Corridor, Ministry of Railways, Government of India (funded by the World Bank)

Year: 2009-2010

Client: Dedicated Freight Corridor Corporation of India Ltd, Ministry of Railways, Govt. of India

Position Held: Team leader, Social Assessment

Activities performed: As a **Team leader and Social Development Specialist**, responsible for identification of mechanisms to improve project designs to meet the needs of different stakeholders; preparation of Land Acquisition Plan; valuation of assets and properties,

conducting base line socio-economic and census surveys to assess the impacts on the people, properties and loss of livelihood and to establish the benchmark for monitoring of R&R activities; assessing the impact of the project on the poor and vulnerable groups along the project road corridor; based on the identified impacts, develop an entitlement matrix for the project affected people; preparation of implementation budgets, sources and timing of funding and schedule of tasks; identifying responsibility of tasks, institutional arrangements and personnel for delivering entitlement and plans to build institutional capacity; preparation of internal and external monitoring plans, key monitoring indicators and grievance redress mechanism; preparation of RAP for the project; and incorporating any other suggestions of the Client.

Name of assignment or project: Social Impact Assessment of Bhaupur -Khurja Section of Dedicated freight Corridor, Ministry of Railways, Government of India (Funded by the World Bank)

Year: 2008 to 2009

Client: Dedicated Freight Corridor Corporation of India Ltd, Ministry of Railways, Govt. of India

Position Held: Team leader, Social Assessment

Activities performed: As **Team leader and Social Development Specialist**, responsible for identification of mechanisms to improve project designs to meet the needs of different stakeholders; preparation of Land Acquisition Plan; valuation of assets and properties, conducting base line socio-economic and census surveys to assess the impacts on the people, properties and loss of livelihood and to establish the benchmark for monitoring of R&R activities; assessing the impact of the project on the poor and vulnerable groups along the project road corridor; based on the identified impacts, develop an entitlement matrix for the project affected people; preparation of implementation budgets, sources and timing of funding and schedule of tasks; identifying responsibility of tasks, institutional arrangements and personnel for delivering entitlement and plans to build institutional capacity; preparation of internal and external monitoring plans, key monitoring indicators and grievance redress mechanism; preparation of RAP for the project; and incorporating any other suggestions of the Client.

Social development specialist for 900 km of Andhra Pradesh Road Sector project (APSRP) (World Bank Assisted) 2008-2009-

As a Social Development Specialist the task is to prepare Social Management including Resettlement Action Plan, Action Plan for Prevention and Control of HIV/AIDS Transmission. The project required to prepared RAP for each candidate road separately.

Evaluation, Short listing and preparation of Request for Proposal (RFP) of NGOs and Evaluation of Technical Proposal of Short listed NGOs for prevention and control of HIV/AIDS along NH-2 (World Bank assisted)

As a **coordinator (as Social Development Specialist)** of the project has developed criteria for short listing of about 450 Expression of interest (EOI) of NGOs along NH-2 (Delhi-


Civil Engineer
World Bank Project
O/o the E.J.C.(Civil), Odisha
Bhubaneswar.



Kolkata section, World Bank assisted).Project Specific Request for Proposal is prepared based on World Bank procedure of procurement of NGOs.Technical Proposal to be evaluated.

Key Professional (Livelihood Restoration Expert and Community Development Expert)
Working as Key Professional for Operation Research Group(ORG) for Allahabad Bypass Project(**World Bank Funded**) for Monitoring and Evaluation of the Resettlement Plan Implementation by NGOs.

Monitoring and Evaluation Support for Implementation of Resettlement Action Plan for 506 km of NH section in Gujrat (ADB Assisted project)2005-2006

As a **Team Leader**, provided technical support for the development of micro plan, livelihood restoration programmes to affected persons and development of user friendly software for database management system of affected person. Worked in close coordination with ESDU,NHAI for preparation of land Acquisition Plan and Valuation method of land to be acquired along the project road.

Social development specialist for 825 km of State road for Odisha State Road Project(OSRP) (World Bank Assisted) 2006

As a Social Development Specialist the task is to prepare Social Safeguard Instruments such as Resettlement Action Plan, Action Plan for Communication Strategy, Action Plan for Prevention and Control of HIV/AIDS Transmission along the proposed road and Action plan for Community development. for project affected persons.

Preparation of Resettlement Action Plan for Silchar-Kolasib section (92 km long) of NH-54 in Assam, (sponsored by National Highways Authority of India), 2005

As **R&R Expert**, responsible for feasibility study including preparation of strip plan, baseline socio-economic survey of all the affected household within the corridor of impact, preparation of Entitlement Framework, collection of land records from revenue department for the purpose of preparation of land acquisition plan, Public Consultation to discuss the EF with the potential PAPs and discussion on perceived impacts and its mitigation measures at local level and district level. Preparation of RAP to minimize negative impact of the road, suggestive mitigation measures, implementation plan, indicative cost for implementation, etc.

Preparation of Resettlement Action Plan for Purniaya-Khagaria section (120 km long) of NH-31 in Bihar, (WK sponsored by National Highways Authority of India), August-December 2004

As **R&R Expert**, responsible for feasibility study including preparation of strip plan, baseline socio-economic survey of all the affected household within the corridor of impact, preparation of Entitlement Framework, collection of land records from revenue department for the purpose of preparation of land acquisition plan, Public Consultation with the potential PAPs and discussion on perceived impacts and its mitigation measures at local level and district level. Preparation of RAP to minimize negative impact of the road, suggestive mitigation measures, implementation plan, indicative cost for implementation, etc.

Implementation of Resettlement Action Plan: Gorakhpur Bypass (36 km long) on Lucknow-Muzaffarpur National Highway (No. 28), (World Bank Funded), April 2004-continuing

As **Team Leader** responsibilities includes Social Impact Assessment Survey of PAPs, Preparation of Micro plan, formation of SHGs, Preparation and Implementation of livelihood support program, monitoring and evaluation of PAPs social development, Social cost benefit Analysis, public consultation and compensation distribution, impact monitoring, evolving implementing and monitoring plan for project management, etc.

Detailed Project Report for Upgradation and Widening (four/six laning) of Jhansi-Bhognipur Section (155 km long) on NH-25 in Uttar Pradesh, (Funded by Asian Development Bank), 2003-2004

As R&R Expert(Associated), responsible for feasibility study including preparation of strip plan, baseline socio-economic survey of all the affected household within the corridor of impact, preparation of Entitlement Framework, collection of land records from revenue department for the purpose of preparation of land acquisition plan, Public Consultation to discuss the EF with the potential PAPs and discussion on perceived impacts and its mitigation measures at local level and district level. Preparation of RAP to minimize negative impact of the road, suggestive mitigation measures, implementation plan, indicative cost for implementation, etc. Also involved in preparation of EIA and EMP reports.

Detailed Project Report for Upgradation and Widening (four/six laning) of Gwalior-Jhansi Section (120 km long) on NH-75, (sponsored by National Highways Authority of India), 2003-2004.

As R&R Expert, responsible for feasibility study including preparation of strip plan, baseline socio-economic survey of all the affected household within the corridor of impact, preparation of Entitlement Framework, collection of land records from revenue department for the purpose of preparation of land acquisition plan, Public Consultation to discuss the EF with the potential PAPs and discussion on perceived impacts and its mitigation measures at local level and district level. Preparation of RAP to minimize negative impact of the road, suggestive mitigation measures, implementation plan, indicative cost for implementation, etc.

DPR for Upgradation and Widening (four/six laning) of Maibong-Harangazao Section (80 km long) of NH-54 in Assam, (sponsored by National Highways Authority of India), 2003-2004.

As R&R Expert, responsible for feasibility study including preparation of strip plan, baseline socio-economic survey of all the affected household within the corridor of impact, preparation of Entitlement Framework, collection of land records from revenue department for the purpose of preparation of land acquisition plan, Public Consultation to discuss the EF with the potential PAPs and discussion on perceived impacts and its mitigation measures at local level and district level. Preparation of RAP to minimize negative impact of the road, suggestive mitigation measures, implementation plan, indicative cost for implementation, etc. Also involved in preparation of EIA and EMP reports.

Upgrading and Improvement of 340 km National Highway to 2-lane NH standard from Barabanki-Nepalganj (NH-28C), Gorakhpur-Sonauli (NH-29), Motihari-Raxaul (NH-28A) and Forbesganj-Jogbani (NH-57A) in Uttar Pradesh and Bihar on East West Corridor, (sponsored by Ministry of External Affairs through NHAI), 2004-continuing.

As R&R Expert, responsible for feasibility study including preparation of strip plan, baseline socio-economic survey of all the affected household within the corridor of impact, preparation of Entitlement Framework, collection of land records from revenue department for the purpose of preparation of land acquisition plan, Public Consultation to discuss the EF with the potential PAPs and discussion on perceived impacts and its mitigation measures at local level and district level. Preparation of RAP to minimize negative impact of the road, suggestive mitigation measures, implementation plan, indicative cost for implementation, etc. Also involved in preparation of EIA and EMP reports.

Detailed Project Report for Upgradation and Widening (four/six laning) of Chennai Byypass (Connecting NH-4 to NH-5) Phase-II in Tamilnadu, (sponsored by National Highways Authority of India), 2002-2003.

As R&R Expert, responsible for feasibility study including preparation of strip plan, baseline socio-economic survey of all the affected household within the corridor of impact, preparation of Entitlement Framework, collection of land records from revenue department for the purpose of preparation of land acquisition plan, Public Consultation to discuss the EF with the potential PAPs and discussion on perceived impacts and its mitigation measures at local level and district level. Preparation of RAP to minimize negative impact of the road, suggestive mitigation measures, implementation plan, indicative cost for implementation, etc.

Monitoring and Evaluation of Livelihood Security Project for Earthquake Affected Rural Households in Gujarat (India) for Self Employed Women's Association (IFAD Funded), 2003-2004

As Social Scientist involved in finalization of survey tools for monitoring and evaluation exercise, process documentation and development of participatory feedback mechanism.

Detailed Project Report for Upgradation and Widening (four/six laning) of 506km long National Highway Section covering NH-8B, 8A, 15 & 14 in Gujarat, (Funded by Asian Development Bank), 2002.

As Junior R&R Expert, responsible for feasibility study including preparation of strip plan, baseline socio-economic survey of all the affected household within the corridor of impact, preparation of Entitlement Framework, collection of land records from revenue department for the purpose of preparation of land acquisition plan, Public Consultation to discuss the EF with the potential PAPs and discussion on perceived impacts and its mitigation measures at local level and district level. Preparation of RAP to minimize negative impact of the road, suggestive mitigation measures, implementation plan, indicative cost for implementation, etc.

Detailed Project Report for Upgradation and Widening (four/six laning) of Chennai-Ranipet- Krishnagiri section (246 km long) of NH 4&46 in Tamilnadu, (sponsored by National Highways Authority of India), 2000-2001.

As R&R Expert, responsible for feasibility study including preparation of strip plan, baseline socio-economic survey of all the affected household within the corridor of impact, preparation of Entitlement Framework, collection of land records from revenue department for the purpose of preparation of land acquisition plan, Public Consultation to discuss the EF with the potential PAPs and discussion on perceived impacts and its mitigation measures at local level and district level. Preparation of RAP to minimize negative impact of the road, suggestive mitigation measures, implementation plan, indicative cost for implementation, etc.

Detailed Project Report for 4-Laning and Strengthening of Tindivanam and Tiruchi section (156 km long) of NH-45 in Tamilnadu, (Funded by The World Bank), 1999-2000.

As R&R Expert, responsible for feasibility study including preparation of strip plan, baseline socio-economic survey of all the affected household within the corridor of impact, preparation of Entitlement Framework, collection of land records from revenue department for the purpose of preparation of land acquisition plan, Public Consultation to discuss the EF with the potential PAPs and discussion on perceived impacts and its mitigation measures at local level and district level. Preparation of RAP to minimize negative impact of the road, suggestive mitigation measures, implementation plan, indicative cost for implementation, etc.

Social Impact Assessment and Rehabilitation Action Plan for PAP's under PCC services for development in State Highways in Tamil Nadu (Phase I, IA & IB), (World Bank Funded), 1999-2000.

As Social Development Expert provided inputs in finalising the highway alignment, both along existing and proposed centre line based on the community attitude; carried out Social screening to assess potential magnitude of social impacts - Major issues like large-scale resettlement, dense urban clusters, tribal and vulnerable population etc. were identified; Based on screening, entitlement framework was prepared; Sample socio-economic surveys (25% of the total affected households) on the impact corridors of the selected roads; Detailed Census survey for identification of affected structures through joint team of civil engineers and social scientists and other resources including CPR etc.

Construction of a bypass at Lucknow linking four National Highways viz., NH-24, NH-25, NH-28 and NH-56 in the State of Uttar Pradesh, India, (sponsored by Public Works Department, Govt. of Uttar Pradesh), 1999.

As Social Impact Expert, involved in studies on social impact assessment along the proposed alignment, preparation of land acquisition plans and cost requirements.

Study on Impact Evaluation of ADP Rural Roads Component Project in Rajasthan, India, (World Bank Funded), 1999-2000

Under the World Bank supported Rajasthan Agricultural Development Programme, about 2300 km of rural roads connecting 529 villages were to be upgraded/ constructed in 14 identified districts of state. As Social Scientist, involved in SIA and EIA studies for construction of Rural Roads. Suggested suitable mitigation measures to counter the adverse environmental impacts.

Monitoring and Evaluation of Implementation of RAP for Subarnarekha CANAL Irrigation Project, (Jambhira Reservoir), for Govt. of Odisha, 1996-97.

The study was carried out in the Mayurbhanj district in northern Odisha. Jambhira Reservoir is one of the four reservoirs of SIP. Due to reservoir and **construction of canals**, 953 families from 35 villages got displaced. RAP for displaced persons was prepared and was under implementation. To monitor the progress of implementation work, M&E agency was appointed.

As Social Scientist was involved in field planning, preparation of study tools, monitoring formats, provided support to implementing agency in preparation of income generation strategies and documentation of progress made by the implementing agency.

Social Assessment of four districts (Ranchi, West Champaran, Vaishali & Darbhanga) of Bihar for Bihar Shiksha Pariyojana Parishad, Patna, 1997.

As core team member was involved in identification of socio-cultural and economic factors responsible for high drop out rates, reasons for not attending schools and suggesting mitigation measures for increasing enrollment and reducing dropout rates. The target population was children of 6 to 14 years age group.

Study of Community Institutions in the plains of Uttar Pradesh for World Bank and U.P Forest Department, 1996.

As core team member involved in assessing the dependence of people on forest, identification of existing community institutions, SWOT analysis of the same and to assess the socio-economic and cultural pattern so as to facilitate the formation of community institutions for the launch of Joint Forest Management programme.

Languages :	Language	Speak	Write	Read
	English	Excellent	Excellent	Excellent
	Hindi	Excellent	Excellent	Excellent


KIRTI-BAS
SOCIAL EXPERT


Chief Engineer
World Bank Project
O/o the E.I.C.(Civil), Odisha
Bhubaneswar.



Certification:

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe me, my qualifications, and my experience.

_____ Date: _____
Signature of staff member and authorized representative of the firm Day/Month/Year

Full name of staff member: Mr. Kirti Bas

Full name of authorized representative:


Crist Engineer
World Bank Project
O/o the E.I.C.(Civil), Odisha
Bhubaneswar.



**WORK PLAN
AND
METHODOLOGY**


Chief Engineer
World Bank Project
O/o the E.I.C.(Chn), Odisha
Bhubaneswar.



WORK PLAN AND METHODOLOGY

Background

Works Department (World Bank Project), Government of Odisha has planned to improve Jagatpur-Chandbali road in OSRP Phase II. A Resettlement Action Plan(RAP) for this road was prepared during 2004-2006 along with RAPs of other roads of phase I. The R&R implementation of phase I was started soon after appraisal of the project in 2007-2008. Jagatpur-Chandbali road has been considered for implementation in 2012. During the initial verification, it was found that there is change in ownership and list of entitled persons as well as R&R policy provisions of Government of Odisha. OWD(World Bank Projects) intended to update the RAP so that the RAP could be relevant in the present context with following objectives

Objectives

- To update list of PAPs as per finalised alignment,
- To demarcate ownership of each entitled person,
- To identify and freeze the list of entitled persons as per cut-off date,
- To develop communication strategies for disclosure of RAP,
- To update the R&R provisos mentioned in the RAP,
- To prepared implementation arrangement more focussed

Methodology

To fulfil above mentioned objectives following methodology will be adopted

(i)Updating List of PAPs:

The list of PAPs will be updated as per detailed measurement survey and demarcation of proposed RoW in the field. For this purpose, the centreline and proposed RoW will be transferred on ground from design/land plan. Structures within the PROW will be marked and measurement will be taken.

(ii) Ownership status of the PAPs

Ownership status of PAPs will be finalised as soon as demarcation of PROW is made on the ground. The properties will be classified as per definition of PAPs(Squatter,Encroacher,Kisoks) mentioned in R&R Policy Framework of OWD.List of land owners will be considered as titleholder's.

(iii) Identification of Entitled Persons

For identification of Entitled Persons a census and baseline survey will be carried out. The census survey will establish actual project affected persons. However, the cut-off date will be as per letter NO. 42388. To carry out census survey following activities are planned

Step I : Training to enumerators

Enumerators will be selected from sociological research background /social surveyor from NGOs and CBOs working in the project area. Enumerators will undergo two days of intensive training by the Social Expert. The Executive Engineer of PMU and Revenue officials(working for the project) will also impart training to these social survey team. Explanation of terms, meaning etc in the questionnaires, methods of getting information from potential PAPs, mechanism of social behavior, strategy of communication with respondents etc. will be part of training program. During training sessions, enumerators will be exposed to role play of PAPs, enumerators, public to make them conversant with the approach required collection of information through questionnaires, understanding and appreciating local situations etc. The survey team will mobilized in the field after testing of questionnaire in the project area.

Step II: Kick-off Meeting

The SIA will be starting with Kick-off meeting with Chief Engineer, OWD(World Bank Project) in OWD office. Issues of discussion at kick-off meeting will be agreement over timeline, strategies for consultation and agreed methodologies for census survey, alternative alignment(if any), expected cooperation from project offices etc. Soon after kick-off meeting, each team will start for the field. While in the field the social team will undertake census and baseline survey, consultation etc., the engineering team will be demarcating the PROW in each EE section.

Step III: Survey of Potential Affected Structures

In order to assess impact, structures coming within the proposed RoW will marked, measured and recorded on a strip map. This also included the typology of construction (such as pucca, semi-pucca, and katcha) based on construction materials used and the usage of structure like residential, commercial and others. Extent of loss was determined by measuring the distance of the structure from the proposed centerline of proposed road alignment in the following manner.

- Review ROW data,
- Identify structures coming within proposed RoW
- Measure the distance of each affected structure from the centreline of existing alignment (perpendicular and parallel distance to road) ensuring that every protruding section of the structure is measured so as to understand the exact design of the affected structure
- Measure the entire structure including length, breadth and height of the structure. At the same time measure the area affected (i.e., portion of the structure coming within proposed road width) to calculate the degree of loss
- Examine the construction typology of each structure with respect to walls, roof and floor. Note down number of rooms, verandah (if any), sanitation facility, kitchen, etc.
- This will help in categorization of loss of plots or buildings:
 - i. Less than 10% of the total area
 - ii. Between 10 to 25% of the total area

- iii. Between 25 to 50% of the total area
- iv. More than 50% of the total area

This will help in identifying project displaced families.

(It is pertinent to inform that all project displaced families are project affected families but all project affected families need not be project displaced families.)

Step V: Identification of Potential PAFs

For identification of the PPAFs, social teams will initiate survey of the project corridor along with the drawings of the proposed alignment true to scale and Sajara (revenue) maps for site verification. The proposed RoW will be marked in the field at 100m intervals in straight portion and 50 meters interval at curves. Accordingly, proposed RoW will be superimposed on sajara map in order to determine the exact extent of land to be acquired/appropriated. This included measurement of centerline from the fixed boundary stone of villages in the field and from the fixed location of boundary stone as shown in Sajara map (if this exercise is not completed). On identification of affected plots, the social teams will collect land records and to identify the owners of the affected plots along with their addresses and joint holders (if any).

Step VI: Baseline and Census Surevy

Census and Baseline Socio-Economic Survey

To conduct the census survey an exhaustive interview schedule will prepared and tested in the field. The census survey format will be shared with the World Bank. Census and baseline survey will be conducted to identify those people or families (PPAFs) who are likely to be affected with the proposed widening either through loss of structure and land or livelihood loss. The schedule provides household profile with family structure, literacy level, occupation and marital status of each member of the family. The survey will also provide information on income of the family; debt status and social information to determine whether project affected persons could be categorized as vulnerable groups for a special treatment provided under *The Odisha Resettlement and Rehabilitation Policy , 2006*. Loss of other assets such as boundary wall, public property, and common resources being lost were also recorded.

Enumerators will directed to make an objective assessment of the loss of property and type of loss based on their field observation. This aspect of the study was incorporated to bring about a degree of objectivity into the survey.

In order to ascertain the vulnerability level of a PAPs analysis of social and economic stratification was done. Data related to income, caste and religion was collected. Details of caste included scheduled castes, scheduled tribes, most backward castes, backward castes and other castes will be gathered.

Analysis of Socio-economic Data

The interview schedules filled up every day were scrutinized and verified on the spot (project corridor) and the data-sheets were coded. A coding manual was prepared for consistency in data entry. The MS-Excell software package was used for the data feeding and its analysis.

Step VII: Stakeholders Consultation

Methodologies for Stakeholders Consultation

Consultation is key to understand peoples perception and seek their opinion on the success of project. Consultation is also an important tool to improve quality of planning. There will be two phases of consultation;

Phase-I

To provide better and qualitative planning options; consultations with specific objectives, agenda will be conducted in structured manner. For this purpose, much advance date and venue of consultation will be fixed in coordination with the PRIs representatives at villages level and Tahsildar, Forest officials (range official), women groups.

Such planned consultation will bring issues of proposed road improvement in the agenda for discussion, some of the suggestion given by the community may help in project planning. This will also help in generating sense of ownership through community participation.

Phase II

The following set of activities will be undertaken in phase II consultation.

- List of PAPs will be displayed in the villages
- Key features of the R&R entitlements will be displayed in billboards along the project corridor,
- Together with the NGO, OWD will conduct information dissemination sessions in major intersections and solicit the help of the local community leaders and encourage the participation of the PAPs in RAP implementation,
- Participation of PAPs will also be ensured through their involvements in RPDAC meetings.

Updating the RAP Document

The final list of PAPs along with their socio-economic information will be presented in updated RAP. The RAP will also consider emergent issues related to the list of entitled persons, implementation arrangement, and cost of R&R works. The updated RAP will be submitted to PMU and World Bank for their suggestions and comments. The RAP after finalization will be presented to RPDAC for its approval as provisions of OSRP.

**WORK PLAN
TIME
SCHEDULE**

WORK PLAN TIME SCHEDULE

Activity	Year-2012											
	1st Month			2nd Month			3rd Month			4th Month		
	1	2	3	4	5	6	7	8	9	10	11	12
weeks	work schedule											
Action												
Training	[Yellow bar from week 1 to 2]											
Demarcation of PROW	[Yellow bar from week 1 to 2]											
Survey of household/structure	[Yellow bar from week 5 to 6]											
Stakeholders Consultation	[Yellow bar from week 1 to 3] [Yellow bar from week 7 to 9]											
Census Survey	[Yellow bar from week 1 to 3] [Yellow bar from week 7 to 12]											
REPORTING												
Deliverables	Reporting											
List of affected structure	[Yellow bar from week 6 to 7]											
List of PAPs	[Yellow bar from week 9 to 10]											
Resettlement Action Plan	[Yellow bar from week 11 to 12]											
Draft RAP	[Yellow bar from week 11 to 12]											
Final RAP	[Yellow bar from week 11 to 12]											

[Handwritten signature]

**FINANCIAL
PROPOSAL**

Date: 20-03-2012

**The Chief Engineer,
World Bank Projects,
Odisha Works Department,
Bhubneshwar, Odisha,**

**Subject: Selection of Social Expert (Individual Consultant) for updating RAP of
Jagatpur-Chandbali Road(World Bank Phase II Road)-Financial offer**

Sir,

Reference to your letter No. 7658 dated 13-3-2012 and 23-03-2012, I am delighted to learn that I have been considered to work for OSRP under very able leader as well as team of good engineers. This is matter of great satisfaction that I will be working at OWD (World Bank) where I had started my career as R&R expert. I understand my hard work during project preparation for OSRP phase-I (2004-2006) has been rewarded.

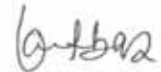
To undertake the above assignment, my consultancy fee will be Rs 80,000 per month for 4 months(Total Rs 320,000) which will be inclusive of my travel expenses from Delhi to Bhubaneswar and applicable taxes. Generally for this kind of short assignment I am paid @125,000 per month (letter of appointment attached), but since I have work for OWD, therefore I have quoted less amount. Kindly consider the amount non-negotiable and final from my side.

Once again, I would like to thank OWD for considering me for the above mentioned assignment.

Enclosure:

1. Work Plan & methodology
2. Copy of Letter of appointment

Yours faithfully



Kirti Bas
Social Expert



Chief Engineer
World Bank Project
O/o the E.I.C.(Civil), Odisha
Bhubaneswar.

