

**GOVERNMENT OF WEST BENGAL  
WEST BENGAL STATE RURAL DEVELOPMENT AGENCY  
DETAILED NOTICE**

**FOR**

**INVITATION OF EXPRESSION OF INTEREST FOR PROJECT  
IMPLEMENTATION CONSULTANT FOR ADB ASSISTED PRADHAN MANTRI  
GRAM SADAK YOJANA UNDER RRSIII-IP & BALANCE WORK OF RRSII-P IN  
THE STATE OF WEST BENGAL  
(2<sup>ND</sup> CALL)**

**N.I.T No. 644-WBSRDA/2E-15/10**

**Dated – 11th August,2011**

Abbreviations:

PMGSY	:	Pradhan Mantri Gram Sadak Yojana
PIC	:	Project Implementation Consultant
RRS-III-IP	:	Rural Roads Sector-III Investment Programme
ADB	:	Asian Development Bank
NRRDA	:	National Rural Roads Development Agency
WBSRDA	:	West Bengal State Rural Development Agency
PIU	:	Project Implementation Unit

**Brief Description of the Project**

**PMGSY** is being implemented in the country for providing connectivity to un-connected habitations by construction of rural roads. The program includes construction of road, associated Cross Drainage structures protection work and up-gradation of roads to ensure all-weather connectivity to market places / Blocks / Subdivisions / District Headquarters / Schools / Hospitals / Gram Panchayats, etc. **ADB** is going to partially finance Rural Roads Sector III Investment Program (**RRS-III-IP**) in which construction of roads would be taken up in the States of West Bengal during 2011-2014. It is expected that about 3000 km roads would be constructed under **RRS-III-IP** in the State in stages @ 1000 Km. per annum in Batch-I, II & III.

**NRRDA** has been set up under the aegis of Ministry of Rural Development, Government of India, and is responsible for providing operational and management support to **PMGSY**. Government of West Bengal has created **WBSRDA** for implementation of **PMGSY** program in the State. The **PIC** would be engaged by the **WBSRDA** to provide support to **WBSRDA** in implementation of **ADB's** requirements about Social Safeguards, Environmental Safeguards, Road Safety and Road Maintenance under **RRSIII-IP**. The task must require conduct of due diligence and monitoring of earlier batch of project of **RRSII-P** in addition to project preparation of **RRS-III-IP** as required by **ADB**.

**Outline Scope of Work**

The tentative scope of **PIC** may include the following tasks for **PIUs** in the State of West Bengal conforming to the relevant guidelines of **PMGSY** and Project Agreement with the **ADB**:-

**A. Road Maintenance**

### **(i) Road maintenance inspections**

- a) Conduct maintenance inspections on a sample of post construction roads under RRSIP, RRSIIP, RRSIIP and other PMGSY roads (at least two from each district with at least one road under the initial 5 year maintenance contract and at least one road post 5 year maintenance and minimum 60 roads per year) and prepare (i) Maintenance Inspection Reports for each road inspected; and (ii) Annual Maintenance Audit Reports for the inspected roads in the state.

### **(ii) Road maintenance planning**

- a) Assist pilot Rural Road Network Management for PIUs<sup>1</sup> to prepare comprehensive inventory of all PMGSY roads on yearly basis in the districts.
- b) Assist pilot Rural Road Network Management for PIUs in preparing Annual Road Maintenance Management Plans for PMGSY roads, which will include both roads under initial post-construction five year maintenance contracts and roads under post five year maintenance.

### **(iii) Road maintenance training**

- a) Providing training and support to PIU's for conducting inspections on road maintenance, and use of local labour for maintenance works.
- b) Conduct Annual Road Maintenance Workshop for State Govt. reporting the progress and result achieved, issues encountered and proposed counter measures.

## **B. Road Safety**

### **(i) At the DPR preparation stage**

- a) Conduct RSAs (road safety audits) including mandatory field visits (jointly with PIUs ) on 60 DPRs for roads with at least one road from each district in each batch, and prepare concise RSA reports listing road safety issues and proposed measures to mitigate/eliminate road safety issues.
- b) Conduct follow up desk review of final DPRs to check how the issues identified (by 60 RSAs in Task a) are addressed and report to PIUs as well as to the WBSRDA (HQ)
- c) Based on the RSAs under the batch, prepare the summary of RSA issues and suggestions for the batch and submit to PIU/WBSRDA for review and action on remaining, not audited DPR's as appropriate, as this will address issues identified on road safety audited roads but perceived to be common on other roads under the batch.

### **(ii) During construction**

- a) Conduct RSIs (road safety inspections) jointly with PIUs on randomly selected roads (at least 10 roads in each RRSIIP batch) under construction and prepare concise RSI reports listing road safety issues and proposed measures to mitigate/eliminate road safety issues, especially for vulnerable road users.

- b) Timely report to PIUs and WBSRDA on road safety issues identified during construction and follow up on road safety issues/lapses as appropriate.
- c) As per direction of the WBSRDA, conduct independent analysis of severe road accidents occurred on the RRS-III roads under construction, if any, and recommend specific road safety countermeasures for review and endorsement by PIU/WBSRDA

**(iii) At the post-construction stage**

- a) Conduct RSIs on randomly selected roads (at least 10 roads in each RRSIIIP batch) within three month after completion of civil works, and prepare concise RSI reports listing road safety issues and proposed measures to mitigate/eliminate road safety issues.
- b) Conduct RSIs on randomly selected roads completed under RRSIP, RRSII P and RRSIIIP (at least 60 roads a year, in addition to immediate post-construction RSIs described under a above) and prepare concise RSI reports listing road safety issues and proposed measures to mitigate/eliminate road safety issues.
- c) Prepare Quarterly Road Safety Monitoring reports for the roads inspected in concise matrix format, including status of the roads where RSI is conducted, issues observed, and measures proposed for implementation.
- d) As per direction of the WBSRDA, conduct independent analysis of severe road accidents occurred on the RRS-I, RRS-II and RRS-III roads over the period of RRSIIIP implementation, if any, and recommend specific road safety countermeasures for review and endorsement by PIU/WBSRDA

**(iv) Road Safety Training**

- a) Conduct on-the-job training of PIUs on conducting RSA and RSI during the joint road safety audits and inspections conducted together with PIU staff
- b) Provide dedicated training to PIUs on conducting RSA and RSI and implementing engineering road safety counter measures.

**Road Safety Audits**

PICs will conduct following tasks:

- (i) During transect walks, consult with communities to collect information which may be of use in the preparation of DPRs. This consultation will be assisted by the use of community consultation checklists. The signed checklists along with the information collected will be part of documentation on transect walk. All relevant information collected, along with the strip plans, will be provided to the DPR consultant for taking it into account in the preparation of DPRs.
- (ii) Conduct systematic road safety auditing (RSA) of DPRs (at least 30% of randomly selected roads in each RRS-III batch, inclusive of 5% DPRs in each batch audited together with TSC at the outset of the auditing for a batch). The selected roads should proportionally represent all districts under the batch. Each RSA will include both office review and mandatory field visits to the roads being audited. RSA checklists can be used as prompts only, and not to be filled in or appended to the RSA report. PIC will use RSA report format with strong orientation to identification and addressing issues which can lead

to road crashes, qualitatively assessing both probability of such crashes and their severity.

- (iii) PIC will response on RSA, findings and Suggestions and submit both RSA reports and Forms for each audited road to the respective PIUs for review and action. PIUs will then provide a disposition on the RSA suggestions to be implemented by DPR consultants. All RSA Reports and Forms will also be sent to TSC for analysis and summarizing.
- (iv) Based on RSA results under the batch, PIC will prepare a Summary of RSA Issues and Suggestions for the batch and submit it to PIUs/WBSRDA for review and action on remaining, not audited DPRs, as appropriate. This will address issues identified on road safety audited roads, but perceived to be common to all other roads under the batch.
- (v) PIC will conduct random safety checks during construction to ensure that all safety measures are implemented, and safety during construction is ensured, and report to the PIUs on the findings.
- (vi) Within six months after construction of road safety audited roads PICs will visit around 5% of these roads under the batch (to ensure that road safety measures proposed by RSAs are properly incorporated, and working effectively) and will prepare concise road safety check reports for each road inspected. Road safety check reports will be submitted to the concerned PIUs for information and action as appropriate.
- (vii) PIC will also conduct road safety inspections (RSI) on a sample of existing RRSI-III roads in RRS-III districts (together with the maintenance inspections also conducted by PIC), and prepare RSI reports for submission to PIUs on a monthly basis. RSI process will be similar to the RSA process outlined in terms if interaction between PIC, PIU, WBSRDA and TSC. Acting on RSI findings, PIUs will provide a disposition on the RSI suggestions for each road to be implemented by maintenance contractors. All RSI Reports and Forms will also be sent to TSC for review, analysis and summarizing.
- (viii) Conduct on-the-job-training of PIUs on conducting RSAs and RSIs during the joint RSAs and RSIs

#### **Assistance with Administration of Maintenance contracts**

PICs will conduct following tasks:

- (i) PIC will identify maintenance contractors not maintaining roads, and inform PIUs on such contractors so that punitive measures can be taken as appropriate.
- (ii) PIC will conduct road maintenance inspections (together with road safety inspections) on a sample of RRSI-III roads (representative of all districts under RRS-III), and minimum of 100 roads per year, and prepare Maintenance Inspection Reports for each road inspected.
- (iii) PIC will then report Issues identified by maintenance inspections and suggestions response on Maintenance Inspection Findings, and submit (each month) both inspection reports and Forms to the respective PIUs for review and action. PIUs will then provide a disposition on the suggestions to be implemented by maintenance contractors. Official dispositions will be submitted to maintenance contractors for action. All Inspection Reports and Forms will also be sent to TSC for analysis and summarizing.

#### **C. Social and Resettlement Safeguard Implementation**

- (i) Assist PIU in organizing the transect walk for documenting the social features and profile along the alignment for each sub project proposal prepare the record of community participation through the field visits to the project affected communities to assess rather CPF requirements have generally met.

Ensure the involvement of the affected people and community groups in assessing the same.

- (ii) Following the provision of community participation framework (CPF), identify the project affected persons based on participated techniques like participatory rapid appraisals (PRA) fully involving all the measures stakeholders through community meetings, random selected interviews of the affected persons with set off questionnaires, secondary and other available data.
- (iii) Prepare methodology and approach for affectively selecting sample sub projects for monitoring and evaluation on the basis of social economic profile of project affected communities and the extent of the project impact on these communities.
- (iv) Identification of all the land and structures getting affected along the proposed alignment, prepare the detailed inventory of the same by means of resettlement, census survey, covering 100% affected household along the alignments.
- (v) Based on the survey prepare support/assistance provisions for the project affected persons with particular attention to the vulnerable groups.
- (vi) Assist PIU and Panchayats and disseminating information on the land, transfer support/ assistance provisions and grievances procedure as prescribed in the CPF.
- (vii) Assist PIU in preparing monthly reports in compliance with the CPF during the project implementation.
- (viii) Prepare due diligence report of all the project trenches.
- (ix) Implement the gender action plan.

PIC will conduct the following activities as per the new safeguard policies (June 2009)

#### **D. Environmental Safeguards**

- i). Assist PIU in checking compliance of the sub project proposal with EAF provisions during preparation and adherence to identified relevant provisions of the ECOP during construction.
- ii) Providing on-the-job training and support to PIU's in implementing environmental safeguards. Through a phase-approach in building capacity of PIUs, demonstrate at least 12 months before contract termination that all PIUs are capable of preparing ECOP and conduct on-going and post-construction monitoring independently, and recommending corrective action on detected non-compliances.
- iii) Prepare needed internal guide documents for PIUs in ECOP preparation and environmental monitoring. This include, but not limited to, national and state environmental regulatory briefs (e.g. applicable emissions and effluent guidelines/standards), designing effective requirements, and environmental best practices in road construction (occupational health and safety; stormwater, waste, noise, air emission, wastewater management; and community health and safety), and types of environmental monitoring (inspection, self-monitoring, and citizen monitoring).
- iv). Assist the PIU in organizing the transect walk for recording the environmental features/profile within the ROW (Right of Ways) of each sub project proposal.
- v). Determine the requirement of regulatory clearances (environment/forest/archeological) to be sought from Govt. of India or State Govt. and

provide advisory services to PIU on environmental aspect including implementation and monitoring of the identified provisions of the ECOP by the contractor.

vi). Conduct Environmental baseline survey, prepare environmental checklist for inclusion in the contract document and also ensure that contract document includes the environmental responsibilities to implement mitigation measures during the construction stage of the sub project in accordance with PMGSY guidelines.

vii). PIC will monitor the impacts of the construction work on the environmental and local settlement ensuring that contractor implement the environmental mitigations measures recommended in the environmental checklist and environmental management plan. Prepare a monthly progress report as per the environmental assessment and review framework during the pre-construction and post-construction stage.

### **Consulting Services(General)**

The nature of services provided by the PIC will include but not be limited to Road Safety, Social Safeguards, Environmental Safeguards, Road Maintenance and Socio-Economic Impact Monitoring. The domestic consultant team will comprise of about 5 - 6 experts in the state of West Bengal and generally consisting of a Road Safety Specialist, a Social Development and Gender Specialist/Monitoring Specialist, an Environmental Specialist, a Road Maintenance Specialist with their adequate qualified Assistants & support Staff.

**WBSRDA** invites Expressions of Interest (EOI) from **domestic consulting firms** for the Project Implementing Consultancy for RRSIIP and RRSIIP Projects. Based on the information supplied in the E.O.I, the firms would be short-listed and the short-listed firms would be invited to give Technical & Financial offers on approved Terms of Reference concurred by NRRDA. Selection of consultant will be made on Quality and Cost based selection method (QCBS) as per ADB Guidelines on the Use of Consultants, February 2007, as amended from time to time. Consultancy Services would include Road Safety Specialists, Social Development and Gender Specialist, Environmental Specialists, Road Maintenance Experts. Consultancy services are expected to cover the activities for a period of about 4 years (2011- 2014) and services of experts may be required intermittently.

The PMGSY Roads proposed to be covered under this consultancy engagement comprises engagement of Consultants for one or more Sub Projects as detailed below :

Sl. No.	Year/Batch	Funding mode	No. of Districts	Approximate road length (Km.)	Approximate cost of road Rs. Lakh	Approximate No. of personnel to be trained
1.	RRS IIP (Balance Work)	ADB funded PMGSY	19	600	27,000	-
2.	RRS III - IP	ADB funded PMGSY	19	3000	140340	1200

The Consultant is required to establish a main office in the State at Kolkata and site offices in each district covered in the Sub Project where the Project Implementation Units are located. The Consultant will be required to provide sufficient technically qualified and experienced staff in these offices for providing the required level of service. Based on the information supplied in the Expression of Interest (EOI), the firms would be short-listed and the short listed firms would be invited to give Technical and Financial Offers on approved Terms of References concurred by NRRDA. The selection process would be on Quality and Cost Based Selection (QCBS) Method.

The firms must include in their EOI the following information along with the supporting documents for the following aspects:

- a) General and overall experience of the firm including the years of operation indicating number of years in Road Safety, Social Development/Monitoring, Environment Monitoring and Road Maintenance monitoring on projects.
- b) Experience of working on a similar project funded by ADB, World Bank or External funding agencies.
- c) Experience of working on the projects within the state of West Bengal.
- d) Annual turnover of the firms for the last five years.
- e) Contract wise nature, cost, person month inputs, employer (client), location and specific services for work in hand & as well as completed.
- f) Specific experience of the firm in the required area of expertise.
- g) Summary of permanent professional employees and resource persons indicating the nature of specialization, qualification and experience considering requirements specified in earlier paragraphs.
- h) Previous or ongoing involvement of the consultancy firm for implementation of PMGSY programmes should be indicated along with name of State, nature of service and work in hand.
- i) Location & address of the local office in Kolkata / districts of West Bengal.

In addition to the detailed information sought above, the firms must submit an abstract of their experience in the formats A, B, C & D (Annexed) with documents.

**The intending participants may download the documents for EOI from website [www.wbprd.nic.in](http://www.wbprd.nic.in) free of cost or may obtain from the office of the undersigned on application on any working day on & from 12-08-2011 to 04-09-2011 upto 3-00 PM.**

The Expression of Interest along with required information and documents must be delivered to the address below not later than **3 p.m. of 05.09.2011 (Monday)** in sealed envelope marked clearly **“Expressions of Interest for Project Implementation Consultancy Services”**. Application Fees amounting to Rs.10,000/- (Rupees Ten thousand only) drawn in favour of **“WBSRDA A/c. PMGSY (Administrative Expenses Fund) A/c. No. SBI A/c. No. 11143673879.”** Xerox copy of the Bank Challan must be enclosed with the application. This Application Fee is **non-refundable**. Further information, if any, may be obtained from the address and telephone Nos. given below. The said sealed envelopes will be opened **at 3 p.m. on 07.09.2011 (Wednesday)**. However, if for any reason that day becomes a holiday, sealed envelopes will be opened on the next working day at 3 p.m. The sealed envelope must be submitted in the **Tender Box kept in the office of the undersigned at ‘Jessop Building’, 63, N.S. Road, Kolkata- 700001.**

The Authority reserves the right to reject any or all the EOIs without assigning any reasons thereof.

Contact Persons:

- 1) Shri Ajoy Kumar Dutta, Chief Engineer, WBSRDA (Ph. No 033 - 2213-8943);
- 2) Shri N.K. Das, ACEO, WBSRDA (Ph. No. 033 - 2213-7626)

**Chief Engineer  
WBSRDA, Kolkata.**

**Format - A**

Sl. No.	Credentials	Information	Ref. page no. of the supporting documents
1.	Year of Registration		
2.	Pan No.		
3.	Service Tax registration No.		
4.	General and Overall experience of the Firm (No. of years)		
5.	Experience of the Firm in Road Safety (No. of years) in Road Safety Audit & Inspection		
6.	Experience of the Firm in Social Developmental / Monitoring (No. of years)		
7.	Experience of the Firm in environmental Monitoring (No. of years) including Pre & Post Construction Stages.		
8.	Experience of the Firm in Road Maintenance Monitoring (No. of years)		
9.	Experience of the Firm working on a similar project (Road Project) funded by ADB, World Bank or any other External funding agencies (No. of years)		
10.	Experience of the Firm in working in West Bengal (No. of years). State location & name of Projects.		
11.	Annual Turnover of the Firm for last 5 years (Rs. in lakhs)		
12.	Specific experience of the Firm in the required area of expertise (No. of years)		
13.	Involvement of the Firm in any previous or ongoing PMGSY programmes (Yes/No)		
14.	History of past litigation if any (Yes/No)		
15.	Address of local office in Kolkata with Telephone Nos.		

**Format - B**

**For completed works :-**

Sl. No.	Name of the services	Cost	Stipulated date of commencement	Date of completion	Person month in puts			Employer (Client)	Location (Address)	Specific Service rendered
					Team Leader	Expert	Assistant			

**Format - C**

**For Ongoing works :-**

Sl. No.	Name of the services	Cost	Stipulated date of commencement	Stipulated date of completion	Person month inputs			Employer (Client)	Location (Address)	Specific Service rendered
					Team Leader	Expert	Assistant			

**Format - D**

**Permanent professional employees & resource persons :-**

Sl. No.	Name	Nature of Specialization	Qualification	Year of experience in the required area
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The information furnished in the above formats must be supported with relevant documents.