

GOVERNMENT OF MADHYA PRADESH
MADHYA PRADESH RURAL ROAD DEVELOPMENT AUTHORITY
(AN AGENCY OF PANCHYAT & RURAL DEVELOPMENT DEPARTMENT, GOVT. OF M.P.)
5th Floor, Block-II, Paryavas Bhawan, BHOPAL M.P. – 462011

TENDER DOCUMENT

**INVITATION FOR CONSULTANCY SERVICES FOR PREPARATION OF
DETAILED PROJECT REPORT OF BRIDGES UNDER PMGSY**

M.R. No..... date.....

ISSUED TO:

.....

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.....

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.....

ISSUED BY:

MADHYA PRADESH RURAL ROAD
DEVELOPMENT AUTHORITY, BHOPAL

June, 2012

INDEX

	PAGE NO.
1. NOTICE INVITING OFFERS	2-3
2. LETTER OF INVITATION	4-8
3. APPENDIX-I - List of Bridges	9
4. APPENDIX-II - Name & address of GMs	10-13
5. TERMS OF REFERENCES - ANNEXURE-I	14-20
6. ANNEXURE-II- Deleted	
7. ANNEXURE-III - CV	21-22
8. ANNEXURE-IV	23
9. ANNEXURE-V (AGREEMENT)	24-25
10. ANNEXURE-VI	26
11. ANNEXURE-VII	27-28
12. B.G. FORMAT	29
13. PRE- BID MEETING	30-32

MADHYA PRADESH RURAL ROAD DEVELOPMENT AUTHORITY
(AN AGENCY OF PANCHYAT & RURAL DEVELOPMENT DEPARTMENT, GOVT. OF M.P.)
Block-II, 5th Floor, Paryavas Bhawan, BHOPAL M.P. – 462011

DETAILED NOTICE INVITING OFFERS FROM CONSULTANTS FOR PREPARATION OF DETAILED PROJECT REPORT FOR BRIDGES (D.P.R.) UNDER PMGSY

No.

Dated:

Sealed tenders are invited from the reputed Consultants for survey, investigation and preparation of DPR of Bridges/Box culvert in the district named below for one or more consultancy packages of Pradhan Mantri Gram Sadak Yojna in Madhya Pradesh as per details in the table given below:-

S. No.	Package No.	Name of Incharge P.I.U.	Name of PIU	No. of Bridges	Approx Length (in meter)	Estimated Cost of Bridges (in lacks)	EMD (in Rs.)
1	2	3	4	5	6	7	8

1. The bid documents can be purchased up to 4 pm on from the office, of the undersigned on payment of **Rs. 5000** for each package by DD or Cash. Bid document may also be downloaded from our web site www.mprrda.com. In such case cost of bid document will have to be submitted in the form of DD. with the tender.
2. Last date of receipt of completed offers is **upto 3.00 P.M. and technical will be opened on the same day at 3.30 P.M.** in the presence of consultant (s) representative (s) who choose to be present. The Technical Evaluation will be done first and financial offers of only qualified bidders will be opened on **at 3.30 P.M.** in the presence of consultant(s)/representative(s) who choose to be present. The decision of the competent authority in regard to technical evaluation shall be final, binding and conclusive.
3. Consultant shall have to take 100 mm dia exploratory bore **at the four locations two in center and two in other suitable locations as per site conditions in all types of strata as per IRC-78-1983 and section 2400 of specifications for which separate payment will be made (refer para 3.2.1 (b) of LOI).**
4. Time allotted for completion of assignment is 4 months including rainy season.

5. PIU other than nodal PIU included in the package may make 75% payment of activities mentioned in S.No. (ii), (iii), (iv) (v) of para 8 Of TOR (Payment Schedule). Rest of the payment will be released by nodal PIU on the recommendation of the concerned PIU. 10% payment against B.G. S.No. (i) will be released by nodal PIU on receipt of B.G. on prescribed form

5.1 Each Consultant will be allotted work as per his bidding capacity which shall be as under;

(I)	Consultants who, in last 10 years , have successfully designed at least 5 bridges of 100 meter length (which has been constructed also) and have a minimum turn over of Rs. 50 lacs in last 5 years.	Eligible for - maximum 3 Packages
(II)	Consultants who, in last 10 years , have successfully designed at least 7 bridges of 100 meter length (which has been constructed also) and have a minimum turn over of Rs. 100 lacs in last 5 years.	- maximum 5 Packages
(III)	Consultants who, in last 10 years , have successfully designed at least 10 bridges of 100 meter length (which has been constructed also) and have a minimum turn over of Rs.200 lacs in last 5 years.	- maximum 7 Packages

6. Qualification criteria – Consultants who, in last 10 years, have successfully designed at least 5 bridges of 100 meter length (which has been constructed also) **and have minimum turnover of Rs. 50 Lakhs from consultancy fee in last 5 years** will be eligible to participate in the tenders. For this purpose consultants will have to submit the certificate of the client indicating the year of construction of such bridges **with audited P/L account and Balance Sheet.**

Certificates issued by a Government department/undertaking only will be considered. For this purpose consultant should attach such certificates with a summary thereof with the heading "certificates in support of fulfilling qualifying criteria" failing which proposal may not be evaluated.

consultant will have to submit with his audited P/L account and balance sheet a certificate from CA that turn over is from consultancy fee only.

7. **Bidder has to submit affidavit duly notarized stating that :-**
- i Information furnished with the tender is true and correct to the best of my knowledge and belief. If any information is subsequently, even after award of work, is found to be in correct MPRRDA may forfeit EMD & debar from future tendering.**
 - ii Turnover shown in the accounts is from consultancy fee only.**
 - iii No relative is working as contractor or Employee of MPRRDA in the PIU in which tender is being submitted.**

Other Conditions may be seen in the tender document for consultancy services for preparation of detailed project report of bridges under pmgsy June 2012 on our website www.mprrda.com.

**Chief General Manager
M.P. Rural Road Development Authority
Bhopal (M.P.)**

Endt. No.

Dated:

Copy to:

1. Secretary, Ministry of Rural Development, Rural Development Departments Govt. of India Krishi Bhawan, New Delhi.
2. Secretary, Public Works Departments / Agriculture Department / Finance Department Mantralaya Bhopal
3. Commissioners Public Relation, Ban Ganga Bhopal.
4. Engineer in Chief Public Works Departments, Satpura Bhawan, Bhopal.
5. Chief Engineer, Public Works Departments, Jabalpur/ Gwalior / Indore/ Bhopal /National Highway / Bridge.
6. Managing Director Rajya Setu Nigam, Arera Hills, Bhopal.
7. Chief Engineer, Central Public Works Departments, E-3/4B Arera Colony Bhopal.
8. All Divisional Commissioners
9. All Collectors
10. Chief Executive Officers, Zilla Panchayat (all).
11. Chief General Manager, MPRRDA, Bhopal-1 & 2 Indore , Jabalpur, Rewa.
12. General Manager Programme Implementation Units (all).

For information and wide publicity.

**Chief General Manager
M.P. Rural Road Development Authority
Bhopal (M.P.)**

GOVERNMENT OF MADHYA PRADESH
MADHYA PRADESH RURAL ROAD DEVELOPMENT AUTHORITY
(AN AGENCY OF PANCHYAT & RURAL DEVELOPMENT DEPARTMENT, GOVT. OF M.P.)
5th Floor, Block-II, Paryavas Bhawan, BHOPAL M.P. – 462 004

Letter of Invitation (L.O.I.)

Subject: - Survey investigation and preparation of DPR consultancy for the work of construction of bridges/box culverts, in Madhya Pradesh under PMGSY.

1 INTRODUCTION: -

- 1.1 The MADHYA PRADESH RURAL ROAD DEVELOPMENT AUTHORITY is an agency of Govt. of M.P. Rural Development Department for implementation of the Pradhan Mantri Gram Sadak Yojna.
- 1.2 You are invited to submit technical and financial offers for consultancy services required for Survey investigation and preparation of DPRs for the construction of bridges, in Madhya Pradesh under PMGSY. Your proposal will form the basis for ultimately drawing a contract between your firm and the client.
- 1.3 Consultants who, in last 5 years, have successfully designed and prepared DPR of at least 5 bridges of 100 meter length (which has been constructed also) will be eligible to participate in the tenders. For this purpose consultants will have to submit the certificate of the client indicating the year of construction of such bridges.
- 1.4 To obtain first hand information of the assignment and local conditions, you are requested to pay a visit to the work site and General Manager of concerned PIU, before submitting the proposal. You must fully acquaint yourself of the local conditions and take them into account in preparing your proposal.
- 1.5 Please note that;
 - 1.5.1 Cost of preparing the proposal including visits to the Client and the project area, are not reimbursable as a direct cost of the assignment.
 - 1.5.2 Client is not bound to accept any of the proposals submitted.
- 1.6 The proposals must be properly signed as detailed below:
 - 1.6.1 By the proprietor in case of a proprietary firm.
 - 1.6.2 By the partner holding Power of Attorney, in case of a partnership firm (A certified copy of the Power of Attorney shall accompany the proposal).

- 1.6.3 By a duly authorised person holding the Power of Attorney in case of a limited company or a corporation (A certified copy of the Power of Attorney shall accompany the proposal).

2 DOCUMENTS: -

2.1 The complete tender documents consist of NIT and;

- (a) LOI
- (b) Annexure – I : Terms of Reference (TOR)
- (c) Annexure—III : Format for Curriculum Vitae
- (d) Annexure—IV : Format for financial Proposal
- (e) Annexure-V : Agreement form

- 2.2 At any time before the submission of the proposals, the Client may, for any reason, whether at its own initiative or in response to a clarification requested by an invited consulting firm, modify the Documents by amendment. The amendment will be notified in writing or Tele-fax to all the invited Consulting firms and will be binding on them. The client may at his discretion extend the deadline for submission of the proposals.

3. PREPARATION OF THE PROPOSAL: -

Consultants are requested to submit a technical and a financial proposal. The proposal shall be in English language.

3.1 Technical Proposal

- 3.1.1 Consultants are expected to examine all terms and instructions included in the Documents. Failure to provide all or any of the requested information will be at your risk and may result in the rejection of your proposal.

- 3.1.2 During preparation of the technical proposal, you must give particular attention to the following: -

- (i) Total assignment period is indicated in the Terms of Reference (TOR) (**Annexure-I**). You should feel free to make your own assessment considering the requirement of the work out put as per TOR, including your assessment of the support personnel both technical and administrative and submit your proposal on the basis of assignment and period of completion which you consider necessary to undertake the assignment. The consultant shall have the complete responsibility for the timely completion of assignment and no additional fee on any account shall be paid for.
- (ii) No alternative key professional staff may be proposed and only one C.V. may be submitted for each position in each team.
- (iii) The availability of key personnel must be ensured at site during the period shown in the manning schedule; and
- (iv) A good working knowledge of English and Hindi language is essential for key professional staff on this assignment.
- (v) All reports must be in the English language.
- (vi) The client reserves the right to increase/decrease the scope of work i.e. no. of bridges included in the NIT.

3.1.3 Your technical proposal shall include but be not limited to the following:

- (i) Firm's organization, structure and relevant experience (including details of the previous experience **Annexure-VI**

(Complete Profiles of the firm need not to be attached with each bid.)

However, CVs. of the key personnel proposed for each package/team should be attached.

- (ii) Any comments or suggestions on Terms of Reference and data.
- (iii) Description of methodology and work plan for performance of assignment.
- (iv) The composition of the proposed team/teams and task assignment to individual members: The tasks to be assigned to each member of the proposed team should be decided by the Consultant. The Consultant should take into account the various stipulations in the Terms of Reference and assign tasks to individual members of the team.
- (v) **Curriculum Vitae (C.V.) recently signed with date by the proposed key professional staff and also counter signed by an authorised official of the firm.** The key information shall be as per the format given in **Annexure-III.**

3.2 Financial Proposal

3.2.1.1 (a) The financial proposal shall be submitted as percentage of the estimated cost of the bridge. (estimates prepared by the consultant after detailed survey investigation will be the basis for calculation of the fee. Changes made during execution and contractor's tender premium will not be taken into account.)

- (b) **For exploratory bores consultant shall be paid at SOR rates for drilling as given in the SOR applicable for preparation of the estimates.**

3.2.2 Financial proposals will include expenditure on survey and investigation, component of key personnel and supporting staff as well as transportation, equipment, vehicles, communication facilities etc. The format for the financial proposal is given in **Annexure-IV.**

3.2.3 The financial proposals shall be prepared to cover the tasks mentioned in the TOR and also the tasks you may think should be carried out in order to meet the objective of the task.

3.2.4 The financial proposals shall take into account the tax liability and cost of insurance, if any.

3.2.5 The payment shall be made in Indian Rupees by General Manager of the PIU concerned MPRRDA by cheque. The Bank commission etc. shall be borne by the consultant.

4. Submission of Proposals: -

4.1.1 Proposal will be sealed in an outer envelope, which will bear the name & address of the consultant.

4.1.2 The outer envelope will contain three separate envelopes, one clearly marked, "EMD", second envelope clearly marked as "Technical Proposal" and the third envelope clearly marked "Financial Proposal".

4.1.3 The technical and financial proposal must be prepared in indelible ink and must be signed by the authorised representatives of the Consultants. The authorization

must be confirmed by a written Power of Attorney accompanying the proposals. The person or persons signing the proposal must initial all the pages of the Technical and Financial proposal.

- 4.1.4** The proposal must not contain inter lineation or overwriting except as necessary to correct errors made by the Consultant's themselves, in which cases such corrections must be initialed by the person or persons signing the proposal.
- 4.1.5** Your completed Technical and Financial proposal must be delivered on or before the specified time and date given in NIT.
- 4.1.6** **Your proposal must be valid for 90 days from the closing date** during which you must maintain available the professional staff proposed for the assignment.
- 4.1.7** The Consultant must submit Earnest Money for an amount as shown in NIT for the particular package. The Earnest money shall be pledged in favour of M.P. Rural Road Development Authority, in one of the forms mentioned below: -
 - 1. Demand Draft of any Scheduled Commercial Bank.
 - 2. Fixed/Term Deposit receipt of any Scheduled Commercial Bank (other than Cooperative Bank).
- 4.1.8** The proposal/s not accompanied by proper Earnest Money, will not be opened and shall be returned unopened.
- 4.1.9** Earnest Money of unsuccessful consultants will be returned within 28 days of the end of the validity period of the offer.
- 4.1.10** The Earnest Money of the successful consultants will be discharged/adjusted when consultant has signed the agreement and furnished the required performance security.
- 4.1.11** The Earnest Money may be forfeited
 - a. If the Consultant withdraws the offer after submission during the period of tender validity.
 - b. In the case of a successful Consultant, if the Consultant fails within the specified time limit to
 - (i) Furnish the required Performance Security and Sign the Agreement;

5 Proposal Evaluation: -

A two-stage procedure will be adopted in evaluating the proposals;

- (i) A technical evaluation, which will be carried out prior to opening the financial proposals;
- (ii) A financial evaluation,

5.1 Evaluation of Technical Proposal: -

The evaluation committee appointed by the Client will carry out evaluation of technical proposals.

5.2 Evaluation of Financial Proposal: -

The evaluation committee appointed by MPRRDA will examine the financial proposals. This appointed evaluation committee would determine if the consultant fulfils the

required eligibility criteria and both technical and financial proposals are complete. After approval of the competent authority, successful consultant shall be notified. The competent authority reserves the right to accept or reject any or all proposals without assigning any reason for his decision.

6. Negotiations: -

Normally negotiation shall not be conducted, however, in exceptional cases, with the approval of competent authority negotiation may be conducted with the lowest tenderer with a view to withdraw the conditions and reduce the rates.

7. Award of Contract: -

7.1 The Contract will be awarded to the successful consultant. Other consultants will be informed that their offers have not been accepted. Successful consultant shall draw agreement with the client in the prescribed form as given in Annexure-V. The consultants shall have to procure stamp paper of required amount to draw the agreement over it.

7.2 The selected Consultant is expected to commence the assignment immediately on award of work.

8. Contact Persons: -

1. Smt. Alka Upadhaya, IAS
Chief Executive Officer, Ph No. 0755 2572207, Fax 0755-2573396
E-mail: ceomprda@gmail.com mp-cexo@nic.in

2. Shri M.K. Gupta,
Engineer-in-Chief Ph. No. 0755-2570774, Fax 0755-2573396.
E-mail: cgm_mprda@rediffmail.com

3. A. D. Kapaley
Chief General Manager-1, Ph. No. 0755-2551751,0755-2573396,
E-mail: cgm_1@rediffmail.com

4. A.K.Mishra
Chief General Manager-3, Ph. No. 0755-2768244, 0755- 2573396
E-mail: cgmjbprda@rediffmail.com

5. H. P. Verma
Financial Advisor, Ph No. 0755-2571562,, 0755-2573396,
E-mail: mprda_fa@rediffmail.com

6. General Manager of Programme Implementation Units, list attached as Appendix II

List of the Bridges for which DPR is to be prepared in each District

As Per Detailed NIT

- (a) Other details may be obtained from the GM PIU concerned.

Appendix II

LIST OF PIU'S/ NAME AND MOBILE NO. OF GM/ OFFICE EMAIL ID					
S.No	Name of District	PIU	Name	Mobil No./ Phone No.	Email ID
1	2	3	4	5	6
1	Alirajpur	Alirajpur	Shri K.N.Rawat	9425903075	piualirajpur@rediffmail.com
2	Ashoknagar	Ashoknagar	Shri S.K. Khare	9425304941	gmrrda_ask@rediffmail.com
3	Anooppur	Anooppur-1	D.D. Pandey (Additional Charge)	9425101199	gmanuppur@rediffmail.com,
4	Anooppur	Anooppur-2	D.D. Pandey	9425101199	gmanuppur@rediffmail.com
5	Bhopal	Bhopal	Shri Vijay Gupta	9425140789	gmrrdabpl@hotmail.com
6	Balaghat	Balaghat-1	Shri S. Jalil	9425426508	gm_bgtpiu1@rediffmail.com
7	Balaghat	Balaghat-2	K. M. Verma (Additional Charge)	9424977077	gm_bgtpiu.2@rediffmail.com
8	Balaghat	Balaghat-3	K. M. Verma	9424977077	gm_bgtpiu3@rediffmail.com
9	Balaghat	Balaghat-4	Shri S. Jalil (Additional Charge)	9425426508	piu4bgt_10@rediffmail.com
10	Barwani	Barwani-1	C.D. Shukla	9826359314	pmgsybarwani@rediffmail.com
11	Barwani	Barwani-2 (Sendhwa)	Shyam Lal Punware	9826337580	pmgsysendhwa@rediffmail.com
12	Betul	Betul-1	Shri Shishir Kushwaha	9425019042	gm_bgtpiu1@rediffmail.com
13	Betul	Betul-2	Shri J.S.Shikarwar	9425116425	gm_bgtpiu.2@rediffmail.com
14	Bhind	Bhind-1	A K Jain	9826547307	mprrdabhi@rediffmail.com
15	Bhind	Bhind-2	Shri P.L.Soni		mprrdabhi@rediffmail.com
16	Burhanpur	Burhanpur	K.L.Kachhawa	9993212222	gmrrdaburhanpur@rediffmail.com
17	Chhindwara	Chhindwara-1	R.S. Mehta	9425147927	gmrrdachw@hotmail.com
18	Chhindwara	Chhindwara -2	R.K.S.Katiyar	9425405367	piu2chhindwara@hotmail.com
19	Chhindwara	Chhindwara-3	Shri H.K. Chandrawanshi	9754184731	piu3chhindwara@hotmail.com
20	Chhindwara	Chhindwara-4	Shri A.K. Jain	9425382051	piu3chhindwara@rediffmail.com
21	Chhatarpur	Chhatarpur	Mr.F.J.Khan	9425002570	piuchhatarpurno1@yahoo.co.in
22	Tikamgarh	Tikamgarh	Shri Satyendra Shrivastava	9425135983	mprrdatk@rediffmail.com
23	Damoh	Damoh	P.K. Sharma	9425132589	gmrrdadamoh@rediffmail.com
24	Damoh	Damoh-2			-
25	Datia	Datia	Shri M.K.Goyal	9300010094	gmpiudatia@rediffmail.com

26	Dewas	Dewas	K.K.Choure	9425193218	rrdadws@rediffmail.com
27	Dewas	Dewas-2			-
28	Dhar	Dhar-1	Shri S.K. Sirothia (Additional Charge)	9425091958	piudhar@rediffmail.com
29	Dhar	Dhar-2 (Kukshi)	A.K.Choudhary	9826277790	piu_kukshi@rediffmail.com
30	Dhar	Dhar-3	Shri S.K. Sirothia	9425408108	piudhar3@rediffmail.com
31	Dindori	Dindori-1	Shri A.S.Raghuvanshi	9425174588	gmrrdadindori@rediffmail.com
32	Dindori	Dindori-2	Anil Kumar Shrivastava	9425467814	gmmprrda_dindori02@rediffmail.com
33	Guna	Guna-1	Pramod Kumar Ghosh	9425779602	gmrrdaguna@rediffmail.com
34	Guna	Guna-2			-
35	Gwalior	Gwalior	Shri K.K.Khare	9425677638	gmrrda_gwl@rediffmail.com
36	Harda	Harda	S.K. Jain	8989061552	hardagm@rediffmail.com
37	Harda	Harda-2			-
38	Hoshangabad	Hoshangabad	Shri N.K.Patlia	9425393711	hbadgm12@rediffmail.com
39	Indore	Indore	Ashok Chawla	9425921350	gmrrdaindor@rediffmail.com
40	Jabalpur	Jabalpur	Shri Pavan Kumar Jain	9425162970	gmrrdajbp@hotmail.com
41	Jabalpur	Jabalpur-2			-
42	Katni	Katni	Shri S.S.Kashyap	9425825117	gmmprrda_katni@rediffmail.com
43	Jhabua	Jhabua	Shri R.P. Singhal	9425413411	rrdajha@rediffmail.com
44	Jhabua	Jhabua2			-
45	Khandwa	Khandwa	Shri Jeevan Kumar Gupta	9407556185	gmmprrdakhandwa@rediffmail.com
46	Khargone	Khargone-1	Anupam Saxena	9425113548	rrdakhr@nic.in
47	Khargone	Khargone-2 (Maheshwar)	Shri R C Barod	9826297999	maheshwarrda@rediffmail.com
48	Khargone	Khargone-3	Anupam Saxena (Additional)	9425113548	rrdakhr3@rediffmail.com
49	Mandla	Mandla-1	Rajesh Kumar Chouksey	9425146968	gmrrdamndl@rediffmail.com
50	Mandla	Mandla-2	Shri Bhoopesh Chand Saxena	9425185075	gmrrdamndl2@rediffmail.com
51	Mandsaur	Mandsaur	Shri Yashpal Joshi	9425327511	gmrrda_mds@rediffmail.com
52	Mandsaur	Mandsaur-2			-
53	Neemuch	Neemuch	Shri Yashpal Joshi (Additional Charge)	9425327511	gmrrda_nmh@yahoo.co.in

54	Morena	Morena	Rajeev Kumar Sharma	9425339638	mprrdamrn@sify.com
55	Narsinghpur	Narsinghpur-1	V.K. Saraf	9424865035	gmmprrdansp@yahoo.com
56	Narsinghpur	Narsinghpur-2	Sudip Shrivastava	9425152241	narsinghpurpiu2@yahoo.in
57	Panna	Panna	C.N.Gupta	9425174903	gmpanna@rediffmail.com
58	Rewa	Rewa-1	R.K. Dave	9407021465	gmpiurew@yahoo.co.in
59	Rewa	Rewa(Mauganj)	Shri J.K.Nagar	9425087890	piumau2007@rediffmail.com
60	Raisen	Raisen-1	Shri P.K. Jhawar	9425610134	gmpiuraisen@rediffmail.com
61	Raisen	Raisen-2	Shri Manoj Yadav	8989792308	gmpiuraisen2@rediffmail.com
62	Rajgarh	Rajgarh-2	Shri V.K.Dhagat		gmpiu_rajgarh2@rediffmail.com
63	Ratlam	Ratlam	R.S. Tomar	9425136294	gmrrdartlm@rediffmail.com
64	Sagar	Sagar-1	Shri R.S. Tiwari	9425303484	gmmprrdasgr@sify.com
65	Sagar	Sagar-2	Shri R.S. Tiwari (Additional Charge)		mprrdasgr2@gmail.com
66	Satna	Satna	Pradeep Pathak	9425434919	gmpiusatna@rediffmail.com
67	Satna	Satna-2			-
68	Sehore	Sehore-1	Y.K. Saxena	9425141605	gmrrdasehore@rediffmail.com
69	Sehore	Sehore-2	Y.K. Saxena (Additional Charge)		gmmprrdasehore2@rediffmail.com
70	Seoni	Seoni-1	S.K. Shrivastava	9424308158	gmrrdaseoni@rediffmail.com
71	Seoni	Seoni-2	D.K.Tripathi	9407879819	gmpiuaseoni2@rediffmail.com
72	Seoni	Seoni-3	J.P.Mehra	9425015891	
73	Shahdol	Shahdol-1	Shri Ramakant Gupta (Off)		vinitdubey_sdl@rediffmail.com
74	Shahdol	Shahdol-2	V.P. Yadav	9425304105	piu2shahdol@yahoo.com
75	Shajapur	Shajapur	A.K.Jain	9425062917	gm_shajapurpiu@rediffmail.com
76	Shajapur	Shajapur (Agar)	G.D.Soni	9893129217	gmagarpui@rediffmail.com
77	Sheopur	Sheopur	Shri R.A. Kaushik	9425408270	gmrrdasheopur@rediffmail.com
78	Shivpuri	Shivpuri-1	Shri Parwez Husen (Addl)	9575461755	gmrrdasvp@yahoo.co.in
79	Shivpuri	Shivpuri-2	Shri Parwez Husen	9575461755	gmrrdasvp2@rediffmail.com
80	Sidhi	Sidhi-1	S.K. Badgaiya	9425402427	gmpiusidhi1@rediffmail.com
81	Sidhi	Sidhi-2	Shri Ratnakar Chaturvedi	9425868746	asrgm@rediffmail.com
82	Umaria	Umaria-1	Mr. R. K. Singh	9424767559	mprrdapiuumaria@rediffmail.com

83	Umaria	Umaria-2	Shri R.K. Rajput	9589225788	gmpiu2umaria@rediffmail.com
84	Ujjain	Ujjain-1	Ashok Chawla (Additional Charge)	9425921350	gmujjain@rediffmail.com
85	Ujjain	Ujjain-2	Shri K.B. Purohit	9425057293	gmrrdaujjain2@rediffmail.com
86	Vidisha	Vidisha-1	Shri K.K. Verma	9425426806	gmrrda_vidisha@rediffmail.com
87	Vidisha	Vidisha-2	Shri Ajay Diwakar	9425157426	gmrrda_vidisha@rediffmail.com
88	Singrauli	Waidhan-1	R.S. Sharma	9406864277	gmmprrdawaidhan@rediffmail.com
89	Singrauli	Waidhan-2	Shri Patiraj Singh Chauhan	9425138608	gmpiu2waidhan@rediffmail.com

TERMS OF REFERENCE (TOR)**ASSIGNMENT OF SURVEY INVESTIGATION AND PREPARATION OF DETAILED PROJECT REPORT OF BRIDGES FOR RURAL ROADS**

Government of Madhya Pradesh (GOMP) through the Madhya Pradesh Rural Roads Development Authority (MPRRDA) intends to Construct bridges on rural roads under PMGSY.

2. SCOPE OF CONSULTANCY SERVICES:

Framing strategy and detailed engineering designs for the bridges and cost estimates as per prevalent IRC standards. The scope of services shall thus cover the following major tasks but shall not be limited to them.

- To carry out detailed survey and investigation for design of bridge including detailed investigation for foundation of bridge.
- Based on detailed survey and investigation prepare detailed engineering drawing including working drawings.
- Prepare detailed estimates, bill of quantity.
- Collection of complete hydraulic, geological and seismological data.
- Modify design if required during construction.

2.1 Consultant, after conducting necessary survey/investigation will also suggest the safest and economical type of bridge/design for the particular site keeping in mind that these bridges are to be constructed on Rural Roads, and submit GAD accordingly along with a report for selection of particular type of bridge.

2.2 (1) Part-I- Hydraulic and Preparation of General Arrangement Drawing-

- 1. Consultant will have to conduct Survey and investigation of site as recommended by IRC. SP. 13 and other relevant IRC codes. which will include but not limited to;**
 - (a) L. Section of river and slope of river bed.**
 - (b) Cross section of river at site and at different two places at D/S and U/S of proposed site where clear banks and narrow section of river available and to provide information regarding approaches/alignment of road as per proposed/changed and also explain the feasibility and suitability type of structure for alternate site for construction of bridge.**
 - (c) Type of soil on banks whether erodible or rigid.**
 - (d) Type of bed of river its particle size.**
 - (e) Whether the banks of stream are in regime conditions**
 - (f) L.W.L. of river and water table during the year.**

- (g) H.F.L. of river and whether it is flowing within its bank or over flow on banks. (fixing of H.F.L. by theoretical and local inquiries)
- (h) Velocity of stream in middle main flow portion of river and in over flow portion of river.
- (h) Catchments area of river at site and percentage of forest area, hilly area and plain area are separately marked on area seat, and calculation of design discharge is based on 35 years rain fall of the area.
- (i) As per normal scour depth calculation of depth of foundation of pier and abutment required below bed of river.
- (j) Discharge of water during flood as per catchment area and area velocity method. Design discharge is based on 35 years rain fall of the area.
- (k) Complete hydraulic calculation as per IRC codes.

2.2 (2) Consultant shall carry Survey of approach road of bridge to assess;

- (a) if curvatures on alignment are required position of curve and its radius.
- (b) if gradient are required, whether it is within recommended limit as per IRC or not.
- (c) if filling in approach road is required, whether protection work are necessary or not.
- (d) if cutting is required, whether road side drain and catch water drain on banks are required.
- (e) Type of pavement suitable for approach road.

2.2 (3) Consultant will be Responsible for;

- (a) Approval of type of foundation and depth of foundation of each pier and abutment.
- (b) Submit final General Arrangement Drawing (G.A.D.) of economical structure, Minimum two types should be submitted in 5 copies along with plan elevation, sections parallel to road and parallel to flow.

2.3 Part-2-Foundation Investigation-

Consultant shall;

- (a) take 100 mm dia exploratory bore at four locations two in the center and two in other suitable locations as per side conditions in all types of strata as per IRC-78-1983 and section 2400 of specifications. Consultant will have to attach, the site plan indicating location and depth of each bore. [For detailed guide lines of foundation investigation Annexure VII may be referred to.](#)
- (b) For open foundation investigation required minimum 1.50 times width of foundation of foundation below foundation level.
- (c) For deep foundation where pile or well are recommended two time below bottom of foundation.

(d) If rock strata met at surface or other depth continuity of rock upto minimum 5 m.

(e) L-section of river marked with different colors for different strata in respect of depth should be prepared.

2.4 Part-3-Preparation of Final General Arrangement Drawing as per foundation Investigation- Consultant shall;

(a) Provide linear water way of bridge equal to the regime width of the stream.

(b) For streams with rigid bank but erodible bed or rock in bed if economical structure with contraction are suitable it can be examined.

(c) Prepare General Arrangement Drawing minimum two types.

Looking to the its economy, safety, durability minimum maintenance of bridge and its approach road

(d) Economical structure minimum two types should be submitted.

(e) Layout of General Arrangement Drawing at proposed site for approval

2.5 Part-4-Design of bridge as per approved General Arrangement Drawing-Consultant shall provide;

(a) Design of foundation and sub structure of pier and abutment.

(b) Design of super structure.

(c) Design of other items like approach slab, kerb, railing wearing cost etc.

(d) Design of protection work of approach road and pavement.

2.6 If required Consultant will have to modify the design, drawing, estimate etc. during the construction period or within three years from the date of submission of DPR if construction of bridge is not started.

3. PREPARE DRAFT REPORT ON PROJECT PREPARATION IN FOUR VOLUMES AS FOLLOWS:

(a) Main report covering the methodology, details of all field surveys traffic analysis and investigations etc.

(b) Report covering design of bridge.

(c) Bill of quantities and detailed cost estimates.

(d) Drawing folder containing detailed engineering drawings.

4. SPECIFICATIONS:

The specification for the various items of works should be as per 4th revision of "Specifications for Road & Bridge works (MORTH) and IRC code of practice for Road Bridges (IRC-5-1998)

4.1 SOR - For preparation of cost estimates SOR for "Road and bridge works" issued by Engineer in chief M.P.P.W.D. M.P. Bhopal in force from 03/11/2014 and ammended upto the date of issue of NIT will be adopted.

5. REPORT AND DOCUMENTS:

The consultant will be required to submit the following reports and documents at the time and in the number of copies indicated against each. (Both hard copy and soft copy).

- i) Draft detailed Works Programme within 10 days from the date of receipt of work order, based on the reconnaissance and condition surveys etc.
- ii) Progress report with adequate details indicating the physical progress of various items of works: Each month to be submitted latest by the 10th of following month in two copies.
- iii) General arrangement of drawing
- iv) Final DPR with detailed design.
- v) Cost estimates and bill of quantity

5.1 Obligations of the client

- i) GM PIU on receipt of GAD will convey his approval within 10 days.
- ii) On receipt of detailed design give his comments within 10 days.

If no comments are received within the specified period from GM the above reports will be treated to have been approved by client and consultant shall go ahead and submit his reports within specified time frame.

6. PROPOSED TEAM

The consultant shall give details of proposed team for the assignment, with his proposal. The consultant's team shall be manned with adequate number of experts having relevant experience in the similar assignments in order to complete the work within the given time frame, CVs of key personnel should be given in the prescribed form.

7. DURATION OF SERVICES

A total time period of 4 months is envisaged for completing the assignment. You should feel free to make your own assessment considering the requirement of work output in terms of TOR including your assessment of support personnel both technical and administrative and submit your proposal accordingly. The final reports, drawings and documentation shall be completed within this time schedule from the date of signing the agreement between the client and the consultant. Scheduling of the work within this period is indicated below which should be adhered to.

Submission of	Period w.e.f. date of signing the agreement
Detailed work programme	10 days
General arrangement of drawing (GAD)	1 month
Detailed design and DPR Project Report	3 month

Detailed estimate of Bill of quantity 3½ months

(8) PAYMENT SCHEDULE

Payment schedule for performing the work shall be as follows: -

- | | |
|---|------------|
| (i) On acceptance of work programme (10 days)
(against submission of B.G.) | 10% |
| (ii) on submission of exploratory bore and survey investigations results 80% of the payment admissible for drilling of exploratory bores # (Ref. para 3.2.1 (b) of LOI.) | |
| (iii) On submission of GAD | 10% |
| (iv) On submission of detailed design | 30% |
| (v) On submission of detailed estimates and bill of quantity duly updated. | 35% |
| (vi) On completion of the bridge or after 3 years if Construction of bridge is not started and after incorporating the corrections to the satisfaction of G.M. | 15% |
1. All payment will be subject to usual deductions.
 2. # Before release of payment G.M. shall verify the depth of each bore and keep record thereof in the M.B. Remaining 20% payment will be released on submission of detailed estimates and BOQ.
 3. 5% amount will be retained from each payment at (iv) & (v) and BG submitted for 10% payment at (i) shall be released thereafter.

9. RESPONSIBILITY FOR ACCURACY OF PROJECT PROPOSAL

The consultant shall be responsible for the accuracy of the data collected, and the designs/drawings and estimates prepared by him as a part of the project. He shall indemnify the client against any inaccuracies in the work which might surface out at the time of ground implementation of the project. Consultant will be responsible to correct the drawings/design including resurvey & investigation as required. If during the above period the required corrections as directed by GM PIU are not attended to by the consultant in given time frame, the cost of such corrections shall be recovered from the consultant.

10. Deleted

11. Performance security –

The amount of performance security shall be 5% of the estimated consultancy fee which may be deposited at the time of agreement in the form of: -

- Demand draft
- TDR of scheduled commercial Bank (other than Cooperative Bank).
- NSC pledged in favour of GM, PIU.
- Bank Guarantee of scheduled Commercial Bank valid for 9 months. This performance security shall be released on the completion of construction of bridge or after 3 years if construction is not started.
- Amount retained from running payment (Para-8) bill also be returned with performance security.

12. Penalties

In case, delay in satisfactory completion of services occurs due to consultant beyond the stipulated period, the consultant shall be liable to pay penalty @ 0.5% per calendar day subject to maximum of 10 % of contract sum. In case of delay beyond 30 days, DPR may not be accepted and in addition to penalty amount, payment already made to consultant shall be recoverable. Decision of CEO, MPRRDA in this regard shall be final.

13. Additional Services

The consultants shall provide any of additional services on the request of client on mutually agreed terms and conditions.

14. Insurance to be taken out by the Consultant:

The risk and coverage shall be as follows: -

- (a) Third party motor vehicle liability insurance as required under Motor Vehicles Act 1988 in respect of motor vehicles operated in India by the consultants or their personnel or any sub consultant or their personnel for the period of the consultancy.
- (b) Employer's liability and worker's compensation insurance in respect of the personnel of the consultant and of any sub consultant, in accordance with relevant provisions of the applicable law, as well as, with respect to such personnel, any such life, health, accident, travel or other insurance as may be appropriate; and

- 15. (a) The consultant or their personnel, if found to be involved in the gross negligence or willful misconduct, which cause damage to the interests of the Authority, they shall be liable to the damages. They or their personnel can also be subjected to the penal action under **M.P. Vinirdishtta Bhrashta Acharana Nivaran Adhinyam 1982.**

- (b) Subletting of work is not permissible. Violation of this condition shall be treated as breach of contract and dealt with as such.

16. Time extension - if for any reason work is not completed within the given time frame, the client may grant extension of time on the request of consultant subject to the provisions of para 12 above.

17. Standard of Performance

The Consultants shall perform the services and carry out their obligations hereunder with all due diligence, efficiency and economy, in accordance with generally accepted professional techniques and practices, and shall observe sound management practices, and employ appropriate advanced technology and safe and effective equipment, machinery, materials and methods. The Consultants shall always act, in respect of any matter relating to this Agreement or to the Services, as faithful advisers to the Client, and shall at all times support and safeguard the Client's legitimate interests.

18. Termination of contract - the client may, by not less than 15 days written notice to the consultant terminate the contract if in his opinion,

- (i) consultant is not carrying out the assignment as per terms and conditions of the agreement.
- (ii) if the progress of the work is not as per given time schedule.
- (iii) if the consultant fails to remedy a failure in the performance of his obligations within the period given in the notice.
- (iv) if the consultant, in the judgment of the client, has engaged in corrupt or fraudulent practices in competing for or in executing the agreement.

On termination of contract,

- a. security deposit of the consultant shall stand forfeited,
- b. the consultant will be entitled to the fee of the assignment which has been fully completed (relating to a particular bridge)
- c. fee, if any, paid for the assignment which has not been fully completed will be recovered

19. Dispute Settlement

Any dispute between the parties as to matters arising pursuant to this agreement shall be referred to chief executive officer MPRRDA Bhopal who shall give his decision with in 30 days. Any party not satisfied by the decision of Chief Executive Officer will have right to appeal to the Madhya Pradesh Arbitration Tribunal provided the amount of claim is more than Rs. 50,000/-.

20. Jurisdiction

This contract has been entered into the State of Madhya Pradesh at Bhopal and its validity, construction interpretation and legal effect shall be subjected to the exclusive jurisdiction of the courts in Bhopal.

FORMAT FOR CURRICULUM VITAE**Format For Curriculum Vitae (CV) for Proposed Key Personnel**

Proposed

Position

Name of Firm

Name of Staff Member

Profession

Date of Birth

Nationality

Years with Firm /Organisation

Membership of Professional Societies

Details of Tasks Assigned

(The information may be furnished as per the format given below)

S. No.	Tasks Assigned In the present Project	Relevant Previous Experience				
		Project Details (Title, Funded by, Location, Year)	Client (Govt. Deptt. etc)	Tasks Actually Performed	Duration of Tasks	Remarks

Key Qualifications

(Give an outline of staff Member's experience and training most pertinent to tasks on assignment. Describe degree of responsibility held by the staff member on previous assignments and give dates and locations. Use up to half a page).

Education

(Summaries College/University and other specialized education of staff Member, giving names of schools, dates attended and degrees obtained. Use up to a quarter page.)

Employment Record

(Starting with present position, list in reversed order, every employment held. List all positions held by the Staff Member since graduation, giving dates, names of employing organization, title of position held and location of assignments. For experience in the last ten years, also given types of activities performed and Client reference, wherever appropriate. Use up to three-quarter of a page)

Publications

(List details of major technical reports/papers published in recognized national and international journals. Use up to quarter of a page)

Language

(Indicate Proficiency in speaking, reading and writing of each language by "Excellent", "Good" "fair" Working knowledge", " Poor"

Certification

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications and my experience.

Date

Signature of
Staff member

Signature and Seal of
Authorised Official
of the Firms

(Note: (I) The CV shall be signed by both the Staff Member and the Authorised Officer of the Firm)

**FORMAT FOR FINANCIAL OFFER
OFFER FOR PREPARING DETAILED PROJECT REPORT OF BRIDGES**

I/We hereby offer for preparing the detailed project report for the works

- (1) The rate for the work will be..... percent of the estimated cost including all taxes.
- (2) **For exploratory bores - at par SOR rates (SOR applicable for preparation of estimates).**

The work shall be done in all respects in accordance in the specification/design, drawing and instruction and the annexed conditions.

Signature of
Witness

Signature of person duly
Authorised by the firm

(Name & Address)

MADHYA PRADESH RURAL ROAD DEVELOPMENT AUTHORITY
(AN AGENCY OF PANCHYAT & RURAL DEVELOPMENT DEPARTMENT, GOVT. OF M.P.)
5th Floor, Block-II, Paryavas Bhawan, BHOPAL M.P. – 462 004

AGREEMENT

This AGREEMENT is made on this ____ day of _____, 2012 between the Chief General Manager, Madhya Pradesh Rural Road Development Authority, 5th Floor, Block-II, Paryavas Bhawan, Bhopal, Madhya Pradesh on behalf of Madhya Pradesh, Rural Road Development Authority, Bhopal (M.P.) (hereinafter referred to as the “Client”) which expression shall where the context so admits, includes his successors in office and assigns of the one part, and

_____ (hereinafter called the “Consultants”) which expression shall where the context so admits, includes his successors in office and assigns of the other part.

WHEREAS

- (a) The Client intends to carry out a Bridge Construction Project as defined (hereinafter called the “Project”);
- (b) The Client has requested the Consultants to provide certain consulting services required for the project as defined in the TOR;
- (c) The Consultants, having represented to the Client that they have the required professional skills, personnel and technical resources, have agreed to provide the Services on the terms and conditions set forth in the Agreement;

NOW THEREFORE the parties hereto hereby agrees as follows: -

The following documents attached hereto shall be deemed to form an integral part of this agreement:

1. NIT
2. Letter of invitation and Appendixes/Annexures
3. Terms of Reference and annexures
4. Letter of Acceptance

The mutual rights and obligations of the Client and the Consultants shall be set forth in the agreement; in particular:

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

IN WITNESS WHEREOF, the Parties hereto have caused this Agreement to be signed in their respective names as of the day and the year written.

FOR AND ON BEHALF OF Madhya Pradesh, Rural Road Development Authority, Bhopal
(M.P)

By
(Authorised Representative)

FOR AND ON BEHALF OF
(NAME OFCONSULTANT)

By.....
(Authorised Representative)

(Note: If the consultant consist of more than one entity all of these entities should appear as Signatories e.g. in the following manner)

FOR AND ON BEHALF OF EACH OF THE MEMBERS OFCONSULTANT
(Name of the member)

By.....
(Authorised Representative)
etc.

Annexure VI

Details of the works executed as consultant (in the same name) during last 5 years (including current year)

Name of Employer	Name of Bridge	Description of work	Nature of job performed as consultant	Cost of Project	Length of Bridge	Date of work order	Stipulated period of completion	Actual date of completion	Consultancy fee received

Guide lines for foundation investigation of Bridges

1. Diameter of Bore should be 100mm dia.
2. Only Rotary drilling machine shall be used.
3. Only double tube diamond drilling equipment shall be used in hard rock and in soft and weak rocks. Such as soft shells Triple tube Diamond shall be used.
4. During detailed boring, the resistance to the speed of drilling i.e. rate of penetration, Timing required for penetration per meter depth should be carefully recorded.
5. Core loss and percentage of core recovery at each 50 cm depth should be carefully recorded.
6. Bore log chart and data sheet to evaluate the different types of strata and distinguish specially sand from sand stone, clay from shell etc.
7. The casing shall also be invariable provided if necessary with diameter not less than 150mm up to the level of rock.
8. In sand and gravelly strata percussion at wash boring equipment and casing can be used for progressing the boring to reach the compacted layer surface.
9. General Manager will decide the point and location of boring on alignment fixed by the department.
10. General Manager will decide depth of boring.
11. In case of open foundation the minimum depth of bore shall not be less than 1 ½ times the proposed width of foundation level expected.
12. Collection of samples of each meter depth should be staged in core box. Separate core box is required for each bore.
13. After obtaining the sample minimum following test results are required and test should be done by Government recognized and Approved Lab.
 - a. Geological investigation report.
 - b. Density of sample obtained.
 - c. Specific gravity of the sample obtained.
 - d. Crushing strength.
 - e. Safe bearing capacity.
 - f. Recommendation report for suitability of foundation from Geologist.
 - g. Pictorial strata presentation (strata layer wise) of each bore.

14. For deep foundation's like pile and well foundation the depth of bore and investigation should be done as per IRC-78-2000 and section 2400 of MORTH specification's and as per above given guide lines.

Form of Bank Guarantee for Performance Security
(To be used by approved scheduled banks)

1. In consideration of the Chief Executive Officer/General Manager Madhya Pradesh Rural Road Development Authority (hereinafter called “the Authority) having agreed to exempt M/s..... (Herein after called “the said consultant(s)”) from the demand, under the terms and conditions of an Agreement dated..... made between And(hereinafter called “the said Agreement”) for performance/security deposit for the due fulfillment by the said consultant(s) of the terms and conditions contained in the said agreement on production of Bank Guarantee for (Rupees.....only). We..... Bank Limited (hereinafter referred to as “the Bank”) do hereby undertake to pay to Authority an amount not exceeding Rs..... Against any loss or damage caused to or suffered or would be caused to or suffered by the Authority by reason of any breach by the said Contractor (s) of any terms of conditions contained in the said agreement.
2. We.....Bank Limited, do hereby undertaken to pay the amount due and payable under this guarantee without any demure merely on a demand from the Authority starting that the amount claimed is due by way of loss or damage caused to or suffered by the Authority by reason of any breach by said Consultant(s) of any of the terms or conditions Contained in the said agreement or by reason of the Consultant(s) failure to perform the said agreement. Any such demand made on the bank shall be conclusive as regard the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs.....
3. We Bank Limited further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all dues of the Authority under or by virtue of the said Agreement have been fully paid and its claim satisfied or till Authority certifies that the terms of the said agreement have been fully and properly carried out by the said Contractor(s) and accordingly discharges the guarantee. Unless a demand or claim under this guarantee is made on in writing on or before the we shall be discharged from all liability under this guarantee thereafter.
4. We.....Bank Limited further agree with the Authority that the Authority that the Authority shall have the fullest liberty without our consent and without effecting in any manner obligations her under or very any of the terms and condition of the said agreement or to extend time of performance by the said contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the Authority against the said contractor (s) and to force-bear or enforce any of the terms and conditions relating to the said Agreement and we shall not be relieved from our liabilities by reasons of any such variation of extension having granted to the said contractor (s) for any forbearance act, or commission on the part of the Authority or any indulgence by the Authority of the said contractor (s) or by any such matter or thing whatsoever which under the law relating to sureties would but for this provision have effect of so relieving us.
5. We bank hereby also undertake to have the signature of Branch Manager issuing the Bank Guarantee verified from the local branch of the bank in M.P.
6. WeBank Limited Lastly undertake not to revoke this guarantee during its currency except with the previous consent of the Authority in writing.

Dated theday of.....20.....
For Bank Limited.

MADHYA PRADESH RURAL ROAD DEVELOPMENT AUTHORITY
(AN AGENCY OF PANCHYAT & RURAL DEVELOPMENT DEPARTMENT, GOVT. OF M.P.)
Block-II, 5th Floor, Paryavas Bhawan, BHOPAL M.P. – 462 004

Subject: -Minutes of Pre-bid meeting date 16.05.2012 – Tender for preparation of detailed project report of bridges under PMGSY – consultancy services.

On the subject cited above a per-bid meeting with the consultants was held at MPRRDA Hqrs. on 16.05.2012.

As a result of discussion and points raised by the consultants in the meeting following clarifications/ amendments are issued:

1. TOR Condition No. 8 (v) is amended as below;
 - (i) Last installment of consultancy fees i.e 15% amount of consultancy fee shall be released on completion of Bridge or after 3 years if construction of bridge is not started, which ever is earlier, provided it does not require change in design.
 - (ii) This last installment of 15% amount may be released to the consultant on submission of unconditional Bank guarantee of Nationalized Bank valid for 3 years.
2. TOR Condition No. 11 Bank guarantee submitted against performance security should be valid for 39 months instead of 9 months.
3. Consultant is required to prepare complete DPR for 7.5 m wide bridge but he will have to give cost estimate of each bridge with 5.5m width also.
4. Consultant has to give Team composition for each package with his technical bid.
5. Regarding finalization of alignment of the bridges instruction are being issued separately.
6. These clarifications/amendment shall form part of the tender/contract document.

Rest of the conditions of NIT & Tender document remain unchanged

Chief General Manager

M.P. Rural Road Development Authority, Bhopal

Endt. No. 7075 /D-12/FA/MPRRDA/2012

Bhopal, Dated: 18 /05/2012

Copy to :-

1. All consultants participate in the meeting dated 16.05.2012.
2. Website of MPRRDA – www.mprrda.com.

Chief General Manager

M.P. Rural Road Development Authority, Bhopal

MADHYA PRADESH RURAL ROAD DEVELOPMENT AUTHORITY
(AN AGENCY OF PANCHYAT & RURAL DEVELOPMENT DEPARTMENT, GOVT. OF M.P.)
Block-II, 5th Floor, Paryavas Bhawan, BHOPAL M.P. – 462 004

No. 20757/22/D-12/2014

Date : 20/10/2014

Preparation of DPRs of Bridge works

(NIT No. 18883/22/V-12/Brg.-DPR/MRRDA/2014 Dated: 18/09/2014)

Minutes of Pre bid Meeting Dated : 16/10/2014

In terms of NIT condition, a pre bid meeting with the prospective bidders for providing consultancy services for preparation of DPRs of Bridge works was arranged at MRRDA Hqrs. Paryavas Bhawan Bhopal (M.P.) in the chamber of Engineer in Chief MRRDA on 16/10/2014 in which representatives of following consultancy firms were present.

1. S.P.D. Infrastructure Consultants Nagpur.
2. Thoughts Consultants Pvt.Ltd. Jaipur.
3. Construma Consultants Mumbai.

Response of the department to various issues raised during meeting was as under;

1. Composition of Team – Consultants wanted to know the composition of team which they are supposed to give as per clause 6 of the TOR. It was informed that team should consist of a Team Leader, Bridge Engineer, Highway Engineer, Hydro-geological Investigation Expert and other staff which consultant feel would be necessary for completing the assignment within the given time frame. However, they are required to submit CV of Team Leader and Bridge Expert only for each package separately with their technical bid.
2. Consultant may bid for any no. of packages but they will be allotted work as per their bidding capacity which will be as under ;

(I)	Consultants who, in last 10 years , have successfully designed at least 5 bridges of 100 meter length (which has been constructed also) and have a minimum turn over of Rs. 50 lacs in last 5 years.	Eligible for - maximum 3 Packages
(II)	Consultants who, in last 10 years , have successfully designed at least 7 bridges of 100 meter length (which has been constructed also) and have a minimum turn over of Rs. 100 lacs in last 5 years.	- maximum 5 Packages
(III)	Consultants who, in last 10 years , have successfully designed at least 10 bridges of 100 meter length (which has been constructed also) and have a minimum turn over of Rs.200 lacs in last 5 years.	- maximum 7 Packages

3. Consultant is required to submit draft DPR in four volumes (Clause-3 of TOR) which should be as under;
 - a. Main report covering the methodology, details of all field survey covering L-section, Cross-section, catchment area, hydraulic data, index map and site plan, general arrangement of bridges and approaches, colored photographs of site, traffic analysis and investigation etc. Bore-log details and SBC calculation details should also be submitted.
 - b. Bridge design with design calculation in excel or such other format which can be checked manually.
 - c. Bill of quantities and detailed cost estimates. The quantity of steel should not be on random basis, instead, should be based on detailed bar bending schedule.
 - d. Drawing folder containing detailed engineering drawings including bar bending schedule.

4. Within 10 days of award of work, DPR Consultant and GM PIU concerned should have joint visit of site to decide the (i) alignment of the bridge (ii) availability of land (iii) approx. length of bridge and approaches (iv) HFL, LWL, LBL and permanent Bench-Mark.
5. The Bench-Mark (Permanent), catchment area (by topo-sheet), L-section, Cross-section, LBL and HFL should be got verified by the GM of the concerned PIU.
6. The detail calculation of SBC should also be provided.
7. The bore hole location should be finalized in consultation with the GM of the concerned PIU /his authorized representative.
8. The bore log samples should be got verified by the GM of the concerned PIU/his authorized representative.
9. Following point were also discussed in the meeting ;
 - a. In case of box type bridges, multi cell units be preferred over single cell.
 - b. Box type abutments be preferred in long bridges.
 - c. Curtailment of steel especially in piers should be done at suitable intervals.
 - d. Provision of protection work and apron, in case of box culvert, should be as per IRC SP 82: 2008

These minutes except S.no. 9 will be part of the agreement and dealt with accordingly.

**Chief General Manager
M.P. Rural Road Development Authority
Bhopal (M.P.)**