

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. – 462 011

NATIONAL COMPETITIVE BIDDING FOR
THE SUPPLY OF EQUIPMENTS

INVITATION FOR BIDS (IFB)

IFB No./6485/MP/PMGSY/Goods (IFB) -2016/01

Date 18/03/2016

1. The Government of India has received a Credit from the International Development Association from the International Bank for Reconstruction and Development in various currencies towards the cost of PMGSY Rural Road Project II and it is intended that part of the proceeds of this credit will be applied to eligible payments under the contracts for which this Invitation for Bids is issued.
2. The Chief General Manager, MPRRDA now invites sealed bids from eligible bidders for supply of survey instruments, Laboratory Testing Equipments, Conditional survey instruments and special equipments listed in Annexure – I, in separate lots.
3. Bidding will be conducted through the National Competitive Bidding (NCB) procedures agreed with World Bank. The provisions in the Instructions to Bidders and in the General Conditions of contract are based on the provisions of the World Bank Standard Bidding Document - Procurement of Goods.
4. Interested eligible Bidders may obtain further information from and inspect the bidding documents at the office of the Chief Executive Officer, MPRRDA, Bhopal. The bidding documents may be viewed and downloaded from our website **www.mprrrda.com**
5. A complete set of bidding documents may be purchased by any interested eligible bidder on the submission of a written application to the above office and upon payment of a non-refundable fee as indicated below in the form of a Demand Draft in favour of Chief General Manager, MPRRDA payable at Bhopal.
6. The bidding document may be obtained from the office of Chief Executive Officer, MPRRDA during office hours namely, from 10:00 hrs to 17:00 hrs, on all working days either in person or by post. MPRRDA will not be held responsible for the postal delay, if any, in the delivery of documents or non-receipt of the same.
 - (a) Price of bidding document : Rs. 10000.00 (By Demand draft) for each lot
(non- refundable)
 - (b) Postal charges, inland : Rs. 500.00
 - (c) Date of commencement of sale of bidding document : 22/03/2016
 - (d) Pre-bid meeting date & time : 04/04/2016 from 11:30 AM at MPRRDA
Hqrs. Paryavas Bhawan Bhopal

- (e) Last date for sale of bidding document : 20/04/2016 upto 4:00 PM.
- (f) Last date and time for receipt of bids : 21/04/2016 upto 3:00 PM
- (g) Time and date of opening of Technical bids : 21/04/2016 from 3:30 PM
- (h) Time and date of opening of Financial bids : 26/04/2016 from 3:30 PM
- (i) Place of opening of bids : MPRRDA Hqrs. Block-II, 5th Floor, Paryavas Bhawan, BHOPAL M.P. – 462 011.
- (j) Address for communication : MPRRDA, Block-II, 5th Floor, Paryavas Bhawan, BHOPAL M.P. – 462 011.
6. Tender document may also be downloaded from our website **www.mprrda.com**. In such case cost of Bid document may be paid in the form of DD payable to Chief General Manager, MPRRDA Bhopal (M.P.) in a separate envelope and delivered with the bid security.
7. All bids must be accompanied by a separate bid security for the each lot as specified in the bid document and must be delivered to the above office at the date and time indicated above. Electronic bidding will not be permitted. Late bids will be rejected.
8. Bid is to be submitted in 3 envelope system following procedure outlined in para 23 of ITB. Envelope A containing Bid security, Envelope B containing technical Bid and Envelope C containing financial Bid.
9. Bids will be opened in the presence of Bidders' representatives who choose to attend on the specified date and time.
10. In the event of the date specified for bid receipt and opening being declared as a closed holiday for purchaser's office, the due date for submission of bids and opening of bids will be the following working day at the appointed times.

Chief General Manager
M.P. Rural Road Development Authority
Bhopal

End.No. IFB. No./6486/MP/PMGSY/Goods (IFB)-2016/01 Bhopal, Dated: 18/03/2016

Copy to:

- 1. Secretary, Panchayat & Rural Development, Govt.of M.P. Bhopal.**
- 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, Arera Hills, Bhopal.**
- 5. Chief Engineer, Public Works Departments, Jabalpur/ Gwalior / Indore/ Bhopal /National Highway / Bridge.**
- 6. Managing Director M.P. Road Development Corporation, Arera Hills, Bhopal.**
- 7. Chief Engineer, Central Public Works Departments, Nirman Sadan Arera Hills 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, MPRRDA (all).**

**Chief General Manager
Madhya Pradesh Rural Road Development
Authority, Bhopal**

1. LIST OF GOODS AND DELIVERY SCHEDULE

Lot -I						
LIST OF EQUIPMENTS PROPOSED FOR PURCHASE						
S. No.	Name of Equipment	Description	Proposed Nos	Unit	Name of Consignee (Final destination)	Delivery period
1	Auto level complete set	Auto level should have the following specifications: Standard Deviation for 1 Km double run levelling: 2.0mm. Magnification: 24 X Telescopic Image: Erect Clear Objective aperture: 34 mm Field of view: 1 deg.20' Stadia Multiplying Constant: 100 Stadia focusing distance: 0.5 m Stadia Additive constant: 0 Compensator Range: + 15' Compensator Setting Accuracy: + 0.8" Setting of Bubble: 8'/2 mm Horizontal circle reading: 10 orlgon Instrument weight: 1.85 kg. Tripod M16or5/8"	53	Nos.	A1) 51 District main PIU 1.Bhopal 2.Raisen 3. Rajgarh 4.Sehore 5.Vidisha 6.Ashoknagar 7.Bhind 8.Datia 9.Guna 10.Gwalior 11.Morena 12.Sheopur 13.SHIVPURI 14.Betul 15.Harda 16.Hoshangabad 17.Alirajpur 18.Barwani 19.Burhanpur 20. Dhar 21. Indore 22. Jhabua 23. Khandwa 24. Khargone 25. Balaghat 26. Chhindwara 27.Dindori 28. Jabalpur 29. Katni 30.Mandla 31. Narsinghpur 32. Seoni 33. Anuppur 34. Rewa 35. Satna 36. Shahdol 37. Sidhi 38. Umaria 39. Singrauli 40.Chhatarpur 41.Tikamgarh 42.Damoh 43.Panna 44.Sagar 45.Dewas 46. Mandsaur 47. Neemuch 48. Ratlam 49. Shajapur 50.Agar 51. Ujjain B) Bhopal PIU 2 No.	03 month from the date of work order including rainy reason

2	Set of Sieves as per IS-460	NABL Calibration certified Standard IS Sieves of 45cm dia with 10 spacificed sieves as per IS: 460 (1985). Sieves should be powder coated and construction should be in heavy gauge GI sheet alongwith pan/ cover & sieves of size 90, 63,53, 45,26.5,22.4,13.2,11.2,5.6,4.75	32	Set	Dindori-1,Harda,Sagar-1,Dhar-3, Umaria-1,Ujjain-1,Satna, Mandla-1,Raisen-1,Shajapur-1,,Panna,Waidhan-2, Shivpuri-1,Mandsour, Hoshangabad,Ashoknagar,Tika mgarh,Burhanpur,Morena,Vidisha-1,Chh-3, khargone-1,Gwalior,Dewas-1,Chhatarpur , annoppur, Bhopal,Narsinghpur-1,Chhi-4,Chhi-1, Rewa,,Khandwa,32 - PIU 1set for each PIU	03 month from the date of work order including rainy reason
3	Set of Sieves as per IS-460	NABL Calibration certified ISS Brass Sieves 20cm dia as per IS: 460 (1985) with pan/ cover & sieves of size 4.75mm, 2.80mm, 4.7, 2.8, 2.36mm, 2.0mm,1.18mm,0.6mm, 0.425mm, 0.300mm, 0.180mm, 0.150mm, 0.075mm lid and pan.	34	Set	Dindori-1,Harda,Sagar-1,Dhar-3, Sheopur,Umaria-1,Ujjain-1,Satna, Mandla-1, ,Sehore,,Shajapur-1,,Panna, Waidhan-2,Shivpuri-1, Mandsour, ,Hoshangabad, Tikamgarh,Burhanpur, Morena,Vidisha-1, Chh-3,Jabalpur,khargone-1,Gwalior,Chhatarpur ,annoppur, Ratlam,Bhopal,Narsinghpur-1,Chhi-4,Chhi-1,Guna, Rewa, Khandwa, 34 - PIU 1set for each PIU	03 month from the date of work order including rainy reason

4	Electronic Balances NABL accredited	a) 30 kg cap. 1 gm accuracy	36	Nos.	Dindori-1, Harda, Sagar-1, Dhar-3, Sheopur, Umari-1, Ujjain-1, Katni, Mandla-1, Raisen-1, Sehore, Barwani-1, Shajapur-1, Panna, Waidhan-2, Shivpuri-1, Mandsour, Rajgarh, Hoshangabad, Tikamgarh, Burhanpur, Vidisha-1, Chhindwara-3, Jabalpur, Khargone-1, Gwalior, Dewas-1, Chhatarpur, Annappur, Datia, Bhopal, Chhi-4, Chhi-1, Guna, Rewa, Khandwa, - 36 PIU 1 for each PIU	03 month from the date of work order including rainy reason
5	NABL accredited oven with digital indicator	Electrically operated and thermostatically controlled with Digital Indicator range 50 Degree C to 250 Degree C + /- 1 Degree C with Air circulating fan and digital temperature controller (24"x 24"x24"), with interior of stainless steel material, with two trays.	24	Nos.	Harda, Sagar-1, Dhar-3, Umari-1, Ujjain-1, Mandla-1, Shajapur-1, Waidhan-2, Mandsour, Hoshangabad, Tikamgarh, Burhanpur, Morena, Vidisha-1, Chh-3, Jabalpur, Khargone-1, Gwalior, Jhabua, Annappur, Bhopal, Chhi- Chhatarpur, Khandwa, - 24 PIU 1 for each PIU	03 month from the date of work order including rainy reason
6	Sand Pouring Cylinder Apparatus with conical funnel and tap as per IS 2720 (Part-28) 1980- complete set	The instrument should consist of : Sand pouring cylinder fitted with conical funnel & shutter- cap. 3 lt.. Cylindrical calibration container- 100mm ID x 150mm ht., with flange 50mm wide Metal Tray - Size 30x30x4 cm with 10 cm central hole. Complete set as per IS:2720 Part-28	23	Nos. (Complete set)	Dindori-1, Harda, Sagar-1, Dhar-3, Umari-1, Mandla-1, Shajapur-1, Panna, Indore, Waidhan-2, Shivpuri-1, Mandsour, Hoshangabad, Tikamgarh, Burhanpur, Vidisha-1, Khargone-1, Gwalior, Annappur, Bhopal, Chhi-1, Chhatarpur Khandwa, - 23 PIU 1 for each PIU	03 month from the date of work order including rainy reason

7	Compaction Test apparatus for light compaction as per IS 2720 (Part VII).	The instrument should consist of : Compaction mould, complete with Collar & Base Plate (made of Gunmetal), 100mm ID, 127.3mm height, 1000 ml volume- 01 no., Rammer 2.6 Kg x 310 mm fall - 01 no - as per IS-9198.	35	Nos.	Sagar-2,Harda,Sagar-1,Dhar-3,Sheopur,Sehore,Shajapur-1,Bhind-2,Waidhan-2,Narsinghpur-2,Mandsour,Betul-2,Hoshangabad,Tikamgarh,Ujjain-2,Burhanpur,Vidisha-1,Ashoknagar-2,Jabalpur,khargone-1,Gwalior,Dewas-1,vidisha-2,annoppur, Ratlam, Chhi-1,Chhatarpur ,Chhi-2,Khandwa,Dhar-2,Neemauch,Agar,Dindori-2,Raisen-2,Guna 2- 35 PIU 1 for each PIU	03 month from the date of work order including rainy reason
8	Compaction Test apparatus for heavy compaction as per IS 10074, IS 2720 (Part VIII).	The instrument should consist of : Compaction mould, complete with Collar & Base Plate (made of Gunmetal), 150 mm ID, 127.3mm height, 2250 ml volume- 01 no., Rammer 4.9 Kg x 450 mm fall - 01 no -as per IS-9198. Weight of mould should not be less than 13 kg.	37	Nos.	Sagar-2,Harda,Sagar-1,Sheopur,Umaria-1,Katni,Raisen-1,Sehore,Shajapur-1,Sendhawa,Panna,Indore,Waidhan-2,Shivpuri-1,Alirajpur,Narsinghpur-2,Mandsour,Betul-2,Hoshangabad,Ashoknagar,Tikamgarh,Vidisha-1,Ashoknagar-2,Jabalpur,khargone-1,Dewas-1,vidisha-2 ,annoppur, Ratlam,Chhi-1,Chhatarpur ,Chhi-2,Khandwa,Dhar-2,Neemauch,Agar,Guna-2, - 37 PIU 1 for each PIU	03 month from the date of work order including rainy reason
9	Lab CBR Test Apparatus, electronic with three speeds - complete set	Comprising of i) Load frame motorized - 50 KN capacity , 3 speed 1.5,1.25 & 2.5mm/min. ii) Gun metal Mould 150mm ID x 175mm height with extension collar 150 mm ID	36		Sagar-2,Harda,Sagar-1,,Dhar-3,Sheopur,Umaria-1,Sehore,Shajapur-1,Sendhawa,Indore,Waidhan-2,Shivpuri-1,Mandsour,Betul-2,Ashoknagar,Tikamgarh,Burhanpur,Vidisha-1,Ashoknagar-	03 month from the date of work order including rainy reason

		<p>x 50mm high & base plate (perforated).-10 noIii) Perforated Plate - 148mm dia with adjustable stem & lock nut.Iv) Penetration piston assembly of 50 mm dia and a bracket for the dial gauge v) Adjustable bracket for penetration dial gauge.vi) Circular metal spacer disc with detachable handle 148mm dia & 47.7 mm high.vii) Annular Metal weight - 2.5kg, 147mm dia with 53 mm dia central hole,viii) Slotted metal weight - 2.5kg, 147mm dia with 53mm dia slot. ix) Metal tripod for dial gauage.x) Cutting collar. to fit mould body xi) Rammer 2.6kg - 310mm controlled drop.xii) Rammer 4.9kg - 450mm controlled drop.xiii) Proving ring - capacity 10 KNxiv) Dial gauge - 25 mm travel - 0.01mm least count.(Confirm to IS : 9669 -1980)</p>		Nos.	<p>2,khargone-1,vidisha-2 ,annoppur, Datia,Ratlam,Bhopal,Chhi-1,Chhatarpur Guna,Mauganj,Chhi-2,Khandwa,Dhar-2,Neemauch,Agar,Raisen-2,Guna-2, - 36 PIU 1 for each PIU</p>	
10	Aggregate impact value test apparatus as per IS:2386 (part4)	<p>The appratus should consist of - Cylindrical cup, Metal measure of 75 mm ID x 50 mm deep Tamping Rod 10 mm dia x 230 mm long, Blow counter, free fall hammer of 13.75 kg mass with locking arrangement. Free Fall height: 380 ±5 mm</p>	14	Nos.	<p>Sagar-1,Dhar-3,Umaria-1,Shajapur-1,Waidhan-2,Mandsour,Tikamgarh, Burhanpur,Vidisha-1,khargone-,annoppur,Chhi-1,1,Chhatarpur Khandwa, - 14 PIU 1 for each PIU</p>	03 month from the date of work order including rainy reason

		Standard: IS 2386 (part 4)				
11	Moulds-ISI marked	a) 15X15X15cm. (IS : 10086)	168	Nos.	Dindori-1,Harda,Sagar-1,Dhar-3,Dhar-1,Umaria-1,Katni,Sehore,Shajapur-1,Panna,Waidhan-2,,Mandsour,Hoshangabad,Tikamgarh,Burhanpur,Vidisha-1,Chh-3,khargone-1,Gwalior,Dewas-1,annoppur,Datia,Ratlam,Bhopal,Chhi-1,Chhatarpur,Shahdol,Khandwa, - 28PIU x6 for each PIU	03 month from the date of work order including rainy reason

LIST OF GOODS AND DELIVERY SCHEDULE

Lot-II						
S.No.	Name of Equipment	Description	Proposed Nos	Unit	Name of Consignee (Final destination)	Delivery period
1	Modified Roughness indicating Machine-MERLIN (Machine for Evaluating Roughness using low cost Instrumentation)	The Machine should consist of metal frame 1.8 meters long with a wheel at the front and a metal foot at the rear. Above the rear foot are handles used for moving the machine. Midway between the wheel and the foot is a probe which is attached to a weighted arm to hold it on to the road surface. At the other end of the arm is a pointer which moves over a prepared chart consisting of a series of 5 mm wide columns. The arm is pivoted closed to the probe so that a vertical displacement of the probe of 1 mm produces an equivalent displacement of the pointer by 1 cm of the pointer. The position of the pointer on the chart hence gives an accurate	10	Nos.	A) 10 divisional Bhopal 2. Hoshangabae 3. Ujjain 4. Indore 5. Jabalpur 6. Rewa 7. Sagar 8. Gwalior. 9 Morena 10. Shahdol	03 month from the date of work order including rainy reason

		<p>indication of the position of the probe with respect to an imaginary line, which joins the bottom of the wheel and rear foot.</p> <p>With necessary calibration, demonstration ,training (at Bhopal) and five years gaurenttee</p>				
2	<p>NABL Calibration certified Analog compression testing machine 1000 KN capacity- Suitable for concrete cube / Cylinder testing & for cement mortor cube / brick testing (Digital)</p>	<p>With loading range of 1000 kN Loading range : 1000kN Least count : 0.1kN Max. clearance between platens: 370mm Max. clearance between side platens: 340mm Platen Size: 222mm dia, circular Piston Size: 222.2mm Piston stroke: 50mm Motor HP:1 Power Req: 220V/230V, I Phase, 50 Hz, AC supply Platen Hardness: 612 HV (55 HRC) Motor make: GODREJ or crompton Greaves or equivalent Specimen: 100mm ,150mm cube, 100mm & 150mm dia. cylinder</p>	34	Nos.	<p>Sagar-2,Harda,Sagar-1,Dhar-1,Sheopur,Umaria-1,Sehore,Shajapur-1,Sendhawa,Waidhan-2,Khargone-2,Shivpuri-1,Alirajpur,Betul-2,Ashoknagar,Tikamgarh,Ujjain-2,Burhanpur, Vidisha-1,Ashoknagar-2,Chh-3, khargone-1,vidisha-2 ,annoppur,Datia,Bhopal,Chhi-1,Chhatarpur Chhi-2,Khandwa,Dhar-2,Neemauch,Raisen-2,Guna-2, - 34 PIU 1 for each PIU</p>	<p>03 month from the date of work order including rainy reason</p>