



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)

NATIONAL HIGHWAYS AUTHORITY OF INDIA

(Ministry of Road Transport and Highways, Govt. of India)

क्षेत्रीय कार्यालय / REGIONAL OFFICE

ई-6/47, स्मृति परिसर, साईबोर्ड के पास, अरेरा कॉलोनी, भोपाल (म.प्र.)-462016

E-6/47, Smriti Parisar, Near Sai Board, Arera Colony, Bhopal (M.P.)-462016

दूरभाष/Phone: 0755-2426638, फैक्स/Fax: 0755-2426698, ई-मेल/E-mail ID: robhopal@nhai.org

NHAI/ROMP/BPL-IND/DPR/2025/53197

Date - 25.02.2025

To,

AICONS ENGINEERING Pvt. Ltd. in JV with MSV International Inc. and Association with Nitya Nayra Civil Solutions Pvt. Ltd.
LEA Associates South Asia Pvt. Ltd. New Delhi association with Arun Soil Lav Pvt. Ltd.
L N MALVIYA INFRA PROJECTS PVT. LTD. In association with HIGHWAY ENGINEERING CONSULTANT
Pioneer Infra Consultants Pvt. Ltd. in JV with Sterling Indo Tech Consultant Pvt. Ltd.
M/s Intercontinental Consultants and Technocrats Pvt. Ltd. in JV with M/s Kaius Consulting Pvt. Ltd. and in association with Innovative Engineering Advisory LLP

Sub: Consultancy Services for preparation of Detailed Project Report for Bhopal-Indore green field corridor (Part of Vision 2047) in the state of MP - Key-personnel name correction - Reg.

Ref: 1. Tender ID- 2024_NHAI_216849_1
2. This office letter no. 53141 dated 20.02.2025.

Please refer to this office letter dated 20.02.2025 (under ref.-2) vide which the preliminary technical result was declared for the subject tender work.

2. In the evaluation, typographical error has been found in the names of key personnel in the firm of M/s Intercontinental Consultants and Technocrats Pvt. Ltd. in JV with M/s Kaius Consulting Pvt. Ltd. and in association with Innovative Engineering Advisory LLP and M/s AICONS ENGINEERING Pvt. Ltd. in JV with MSV International Inc. and Association with Nitya Nayra Civil Solutions Pvt. Ltd., the corrected and revised sheet is enclosed (no change in evaluation only the name has been corrected).

Enclosed:

Annexure-1- M/s Intercontinental Consultants and Technocrats Pvt. Ltd. in JV with M/s Kaius Consulting Pvt. Ltd. and in association with Innovative Engineering Advisory LLP.

Annexure-2- M/s AICONS ENGINEERING Pvt. Ltd. in JV with MSV International Inc. and Association with Nitya Nayra Civil Solutions Pvt. Ltd.


(Paras Bansal)
Manager (T)

Copy to- 1. All Members, Evaluation Committee, RO Bhopal for information.
2. PD, PIU Bhopal for information.

Annexure-1

Firm Name- M/s Intercontinental Consultants and Technocrats Pvt. Ltd. in JV with M/s Kaius Consulting Pvt. Ltd. and in association with Innovative Engineering Advisory LLP

<i>Qualification and Relevant experience of the proposed Key Personnel</i>				
S. No.	Corrected Name of Key Personnel	Position of Key Personnel	Points as per RFP	Points gained
1	Manoj Kumar	Team Leader cum Senior Highway Engineer	10	9.80
2	Nazrul Imam	Senior Bridge Design Engineer	8	8.00
3	Devendra Kumar	Highway Design Engineer	6	5.64
4	Muthyala Madhusudhan Rao	Traffic/ Road Signage/ Marking and Safety Expert	5	4.95
5	Meena Jain	Environmental Specialist	4	3.80
6	Rajendra P. Chauhan	Material-cum-Geo-Technical Engineer	5	4.43
7	Nawalesh Kumar	Senior Survey Engineer	4	3.60
8	Jitendra Kumar Singh	Quantity Surveyor/ Documentation Expert	2	1.80
9	Ramjeet Maurya	Land Acquisiton Expert	4	3.60
10	Patel Harshad Shivrambhai	Utility Expert	2	1.94
Total			50.0	47.555

Annexure-2

Firm Name- AICONS ENGINEERING Pvt. Ltd. in JV with MSV International Inc. and Association with Nitya Nayra Civil Solutions Pvt. Ltd.

Qualification and Relevant experience of the proposed Key Personnel				
S. No.	Corrected Name of Key Personnel	Position of Key Personnel	Points as per RFP	Points gained
1	Naga Mallikarjuna Rao Golla	Team Leader cum Senior Highway Engineer	10	9.50
2	Vinod Kumar Vishwakarma	Senior Bridge Design Engineer	8	7.36
3	Tanmoy Dhabal	Highway Design Engineer (evaluation sheet enclosed)	6	5.40
4	Abhishek Singh	Traffic/ Road Signage/ Marking and Safety Expert	5	4.00
5	Suresh Kumar Saini	Environmental Specialist	4	3.20
6	Anand Patilkulkarni	Material-cum-Geo-Technical Engineer (evaluation sheet enclosed)	5	4.00
7	Birendra Kumar	Senior Survey Engineer	4	3.52
8	Sanjay Kumar	Quantity Surveyor/ Documentation Expert	2	1.55
9	Amit Mishra	Land Acquisiton Expert	4	3.40
10	Ranjan Kumar	Utility Expert	2	1.90
Total			50.0	43.830

Highway Design Engineer					
Name			Tanmoy Dhabal		
DOB			10.03.1978		
...	Undertaking From Consulting Firm			Attached	A3 (171)
...	Undertaking From the Professional			Attached	A3 (170)
S. No.	Description	Max. Points	Sub Points	Points Gained by Key personnel	Page No. & Description
1	Desirable Qualification	25			
	Full Time Graduation in Civil Engineering or Equivalent from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries* For other AICTE approved colleges give 50% marks i.e. 5 marks		10	10	Pg. no. A3 (173) BE (Civil) from Bengal Engineering and Science University Shibpur in 2012
	Post-Graduation				
	Full Time/Regular Post Graduation in Construction Management/ Transportation/Highway Engineering For PG from any IIT/NIT/IISC/BITS or other State Government Engineering Colleges of Repute or Engineering Colleges of Developed Countries* [For other AICTE Approved colleges give 50% marks i.e. 7.5 marks]		15		
	Part Time Post Graduation in Construction Management/ Transportation/Highway Engineering for PG from any IIT/NIT/IISC/BITS or other State Government Engineering Colleges of Repute or Engineering Colleges of Developed Countries* [For other AICTE Approved colleges give 50% marks i.e. 5 marks]		10	10	Pg. no. A3 (172) ME (Transportation Engineering) RGPV University Bhopal in 2018, Experience overlapping with duration of degree
2	Relevant Experience & Adequacy for the Project	70			
b)	Experience in Design/Pavement Design of Highway projects (2/4/6 laning of NH/ SH/ Expressways)	20			Pg. no. A3 (168-169) (total 12 Yr.)
	< 6 years-		0		
	6 - 10 years-		10		
	> 10-15 years-		15	15	
	> 15 years		20		
C	Experience in Similar Capacity	50			
(i)	In Design/Pavement Design of Highway Projects 2/4/6 laning of NH/SH/Expressways in Similar Capacity (Minimum Aggregate length of 120 km)	30			Pg. no. A3 (168-169) (more than 1000 km)
	< 120 km-		0		
	120 km-200km-		10		
	> 200km-300km-		12.5		
	> 300km- 400 km		15		
	>400 km-500km		17.5		
	>500 km-600km		20		
	>600 km-700km		22.5		
	>700 km-800km		25		
	Add 2.5 marks for each additional 100 km length subject to max. 5 points additional marks			30	
(ii)	In Design/Pavement Design of Highway Projects 2/4/6 laning of NH/SH/Expressways in Similar Capacity - Number of Projects (Minimum length of 25 km)	20			Pg. no. 1582-1585 (more than 15 project)
	< 2 projects -		8		
	3-5 projects-		10		
	>5-8 projects-		12.5		
	>8-10 projects		15		
	>10-15 projects		20	20	
3	Employment with the Firm	5			
	Less than 1 year		0		
	1 year		2		
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks			5.0	More than 07 years
Total (at Scale of 100)		100		90.0	
Total (at Scale of 6)		6		5.40	

Material Cum GeoTech Engineer					
Name			Anand Patilkulkarni		
DOB			25.02.1964		
...	Undertaking From Consulting Firm			Attached	A3 (230)
...	Undertaking From the Professional			Attached	A3 (229)
S. No.	Description	Max. Points	Sub Points	Points Gained by Key personnel	Page No. & Description
1	Desirable Qualification				
	Full Time Graduation in Civil Engineering or Equivalent or M.Sc. in Geology from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries* For other AICTE approved colleges give 50% marks i.e. 5 marks	10		10	Pg. no. A3 (231) Bachelor of Technology (Civil Engineering) in 1996 from University of Karnataka
	Post-Graduation				
	Full Time/Regular Post Graduation in Foundation Engineering/Soil Mechanics/Geo Tech Engineering or Phd in Geology. For PG from any IIT/NIT/IISC/BITS or other State Government Engineering Collges of Repute or Engineering Colleges of Developed Countries give full marks [For other AICTE Approved colleges give 50% marks i.e. 7.5 marks]	15		0	Nil (MBA)
	Part Time Post Graduation in Foundation Engineering/Soil Mechanics/Geo Tech Engineering or Phd in Geology. For PG from any IIT/NIT/IISC/BITS or other State Government Engineering Collges of Repute or Engineering Colleges of Developed Countries give full marks [For other AICTE Approved colleges give 50% marks i.e. 5 marks]	10		0	
2	Relevant Experience & Adequacy for the Project	70			
a)	Total Professional Experience	15			Pg. no.A3 (227-228) (more than 12 Yr.)
	< 10 years-		0		
	10 - 12 years-		11		
	> 12-15 years-		13		
	> 15 years		15	15	
b)	Experience in Highway Projects - In similar Projects (2/4/6 laning of NH/SH/Expressways) in design and or Construction/Construction Supervision	20			Pg. no.A3 (227-228) (more than 12 Yr.)
	<7 years		0		
	7-10 years		15		
	>10-12 years		17.5		
	>12 years		20	20	
c	Experience as Material cum Geo-technical Engineer or in Similar capacity on Highway Projects 2/4/6 laning of NH/SH/Expressways in Similar Capacity (Minimum Aggregate length of 120 km)	20			Pg. no.A3 (227-228) (more than 300 Km)
	< 120 km-		0		
	120 km-200km-		15		
	> 200km-300km-		17.5		
	> 300km		20	20	
(ii)	Experience in Similar Capacity on Highway Projects 2/4/6 laning of NH/SH/Expressways in DPR preparation of slope protection measures and land slide management in hill roads (Traditional protection works such as Retaining wall, breast wall, gabion wall shall not be considered) Please mention the slope protection works and land slide management measures used in each project.	15		15	Pg. no.A3 (227-228) (more than 2 Project)
	< 1 projects -		0		
	1 - 2 projects-		10		
	> 2 projects-		15		
3	Employment with the Firm	5			
	Less than 1 year		0		
	1 year		2		
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks			0	Nil
Total (at Scale of 100)		100		80.0	
Total (at Scale of 12)		5		4.00	

P2



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भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)

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E-6/47, Smriti Parisar, Near Sai Board, Arera Colony, Bhopal (M.P.)-462016

दूरभाष/Phone: 0755-2426638, फैक्स/Fax: 0755-2426698, ई-मेल/E-mail ID: robhopal@nhai.org

NHAI/ROMP/BPL-IND/DPR/2025/53141

Date - 20.02.2025

To,

AICONS ENGINEERING Pvt. Ltd. in JV with MSV International Inc. and Association with Nitya Nayra Civil Solutions Pvt. Ltd.
LEA Associates South Asia Pvt. Ltd. New Delhi association with Arun Soil Lav Pvt. Ltd.
L N MALVIYA INFRA PROJECTS PVT. LTD. In association with HIGHWAY ENGINEERING CONSULTANT
Pioneer Infra Consultants Pvt. Ltd. in JV with Sterling Indo Tech Consultant Pvt. Ltd.
M/s Intercontinental Consultants and Technocrats Pvt. Ltd. in JV with M/s Kaius Consulting Pvt. Ltd. and in association with Innovative Engineering Advisory LLP

Sub: Consultancy Services for preparation of Detailed Project Report for Bhopal-Indore green field corridor (Part of Vision 2047) in the state of MP - Opening and Technical Evaluation.

Ref: Tender ID - 2024_NHAI_216849_1

Please refer to the bids submitted for the subject captioned consultancy services for DPR work. The bids have been evaluated by the evaluation committee and the detailed evaluation sheet for Minimum eligibility criteria, relevant experience of firm and key personnel as per RFP is enclosed.

2. The summary of the technical scores is as under:-

S. No	Firm	Total Marks	Rank
1	AICONS ENGINEERING Pvt. Ltd. in JV with MSV International Inc. and Association with Nitya Nayra Civil Solutions Pvt. Ltd. (BID ID 799500)	91.33	H-4
2	LEA Associates South Asia Pvt. Ltd. New Delhi association with Arun Soil Lav Pvt. Ltd. (BID ID 804035)	97.10	H-2
3	L N MALVIYA INFRA PROJECTS PVT. LTD. In association with HIGHWAY ENGINEERING CONSULTANT (BID ID 804051)	93.42	H-3
4	Pioneer Infra Consultants Pvt. Ltd. in JV with Sterling Indo Tech Consultant Pvt. Ltd. (BID ID 804189)	77.07	H-5
5	M/s Intercontinental Consultants and Technocrats Pvt. Ltd. in JV with M/s Kaius Consulting Pvt. Ltd. and in association with Innovative Engineering Advisory LLP (BID ID 808459)	97.56	H-1

3. In accordance with clause 12.3, Data sheet of RFP, result of Technical Evaluation needs to be communicated to the bidder giving them opportunity to respond within 7 days in case they have any observation/objections. Accordingly, all bidders are requested to submit their representations if any, through email on robhopal@nhai.org within 7 days i.e. upto 27.02.2025. The representation w.r.t. qualification received after 27.02.2025 shall not be considered and shall not be valid for any claims.

This is issued with the approval of Competent Authority.


(Paras Bansal)
Manager (T)

Copy to - PD, PIU-Bhopal for kind information.

Evaluation of RFP : TECHNICAL BID						
Name of work: Consultancy Services for Consultancy Services for preparation of Detailed Project Report for Bhopal-Indore green field corridor (Part of Vision 2047) in the state of MP (Tender ID: 2024_NHAI_216849_1)						
NIT Date: 28/11/2024						
GENERAL DETAILS OF BID RECEIVED AS PER NIT						
A. Estimated cost of the work	751.74	Lakhs		F. Pre-Bid Meeting :	20-12-2024	Time : 03:00 PM
B. Validity period of Bid:	120	Days		G. BID Due Date:	14.01.2025	Time : 11:00 AM
C. Period of Completion : as per point no. 3 of DATA Sheet in days : (As per RFP)	365	Days		H. Date of opening of Technical Bid: (Place: Office of NHAI RO Bhopal)	15.01.2025	Time : 12:00 PM
D. Bid Security (As per of NIT)	Nil	BG		I. No. of bids Up-loaded:	5	Nos
E. Validity Period of Bid Security : No. of Days	NA	Days		J. No. of bids Down-loaded:	5	Nos
				K. No. of bids Not-Downloaded:	0	Nos
				L. Reason of Not-Downloaded Bids:	NA	
STAGE-1: PROOF OF ELIGIBILITY						
Details required as per RFP		Details furnished by bidder			Page No.	
1	Name of bidder (Forwarding letter for Proof of Eligibility in the Form-E1)	M/s Intercontinental Consultants and Technocrats Pvt. Ltd. in JV with M/s Kaius Consulting Pvt. Ltd. and in association with Innovative Engineering Advisory LLP			21-22	
2	Type of firm (Sole/ JV/ Association)	JV & Association			29-40 (Mentioned at Specific PoA)	
3	Registration certificate	Lead Partner	M/s ICT (Furnished)		42-49	
		JV Partner	M/s Kaius Consulting Pvt. Ltd (Furnished)		68-81	
		Associate Partner	Innovative Engineering Advisory LLP (Furnished)		29-40 (Mentioned at Specific PoA)	
4	Place of registration	Lead Partner	New Delhi		42	
		JV Partner	Gurgaon, Haryana		68	
		Associate Partner	Ahemdabad		81	
5	Share of partner in case of JV	Lead Partner				
		JV Partner				
		Associate Partner			37-39	
6	Power of Attorney as per clause 1.8.1(i) of LOI	Furnished				
7	GST Registration	Lead Partner	Furnished		46	
		JV Partner	9		77	
		Associate Partner	Furnished		82	
8	Tender Fee of an Amount 5000	Furnished			5	
9	In case of joint venture proposal shall be accompanied by MOU	YES			29-40	
10	INTEGRITY PACT as per format T 13	Furnished			2343-2351	
11	A Consultant is required to submit along with its Technical Proposal, a self- certification that the services offered meets the local content requirement for 'Class-I Local supplier'/'Class-II Local Supplier' as the case may be as per cl 1.8.5 of LOI	Furnished			84	
12	Proof of eligibility as per clause 3.1.1(i) of LOI	Furnished with proof of Eligibility form E-1 to E3			25-293	
13	UNDERTAKING for any litigation history/arbitration	Furnished			671	
14	Technical Proposal	Furnished with Technical Proposal form T-1 to T-12			729-2140	
15	Average Annual turnover of firm of last Five year is more than or equal to 5 Cr Submitted in form of E-3	Sole	Minimum 5.00 Cr.	NA	NA	
		Lead Partner	Minimum 3.75 Cr.	283.87 Cr.	294	
		JV Partner	Minimum 2.5 Cr.	3.47 Cr.	522	
16	Firm should have experience of preparation of DPR/feasibility of 2/4/6 lane of aggregate length as given below. The firm should have also prepared DPR/Feasibility of at least one project of 2/4/6 laning of minimum length as indicated below in last 7 years Submitted in form of E-2/T-3					
	Package No.	Minimum aggregate length required of DPR/feasibility		Minimum length of eligible project(2/4/6 lane)		
	Consultancy Services for preparation of Detailed Project Report for Bhopal-Indore green field corridor (Part of Vision 2047) in the state of MP	DPR/Feasibility = Tentative length 160 Km Lead - 120km Other - 80 km		DPR=0.4x Tentative length (64 Km) Lead - 48 km Other - 32 km	(OR) Feasibility=0.6x Tentative length (96 Km) Lead - 72 km Other - 48 km	
i	Lead	Package No. as per Form E-2 (Page No. 117-293 and 840)	More than 120km	More than 48 km		
ii	Other	Page No. 182	More than 80 km	More than 32 km		
	Total Length		More than 160 km	More than 64 km	Not req.	
17	Residual Bid Capacity R=CLxTF-RP As per clause 3.1.3 of LOI = 160 km		JV > 160 km. Lead> 120 km Other >80 km and hence in order			
Yes, Firm is Eligible for Technical Evaluation (STAGE-2)						






STAGE-2: TECHNICAL EVALUATION

M/s Intercontinental Consultants and Technocrats Pvt. Ltd.

Sr.No.	Description	Form	Page No.
1	Forwarding Letter	T 1	730
2	Details of Projects for which Technical Proposals have been submitted	T 2	806
3	Firm's Experience	T 3/E 2	840
4	Site Appreciation	T 4	842-846
5	Composition of the proposed team and task assignment	T 5	847-850
6	Proposed methodology	T 6	851-867
7	Material Testing lab facilities	T 7	868-882
8	Facility for field investigation and testing	T 8	883-1341
9	Details of Office Equipments	T 9	1342-1432
10	CV's of Key Personnels	T 10	1433-2084
	Team Leader cum senior Highway Engineer		1436-1513
	Senior Bridge Engineer		1514-1586
	Highway cum Pavement Engineer		1587-1651
	Material Engineer cum Geo Technical Engineer - Geologist		2042-2081
	Traffic and Safety Expert		1653-1784
	Senior Survey Engineer		2010-2041
	Environmental Specialist		1785-1868
	Quantity Surveyor/Documentation Expert		1869-1916
	Land Acquisition Expert		1917-1961
	Utility Expert		1962-2009
11	Residual Bid Capacity	T 11	2085-2132
12	Compliance Certificate with GFR rules	T 12	2140-2143
13	INTEGRITY PACT	T 13	2144-2150



M/s Intercontinental Consultants and Technocrats Pvt. Ltd.

Detailed Technical Evaluation Summary

S. No.	Description	Max. Points As per RFP	Points Obtained by Firm
A1	A1 Firm's Profile, turnover and professionals working with the firm (10)	10	10.00
A2	Firm's relevant experience in last 7 years for DPR work	30	30.00
B1	Material testing, survey & investigation, equipment and software proposed to be used	5	5.00
B2	Experience in use of technology for road inspection in supervision work/quality/safety audit	5	5.00
D (CV)	Qualification and Relevant experience of the proposed Key Personnel	50	47.56
	Total	100.0	97.56





[A-1] Firm's Profile, turnover and professionals working with the firm (10)

S. No.	Description	Max. Points	Sub Points	Points Gained	Page No. & Description
1	Nos. of Key Professionals with the firm for more than 1 years*	5			
1.1	<10		0		More than 70 Page No. 572-667
1.2	>10 but ≤ 25		1.5		
1.3	>25 but ≤ 40		2.5		
1.4	> 40 but ≤ 60		3.5		
1.5	> 60		5	5	
	Note* The key professionals who possess degree in Civil Engineering/Transport Planning /Transport Economics/Traffic Management/ Geology/ Environment Science or Engineering and 8 years' experience in highway/bridge /tunnel with employment in the firm for more than one year. The current Employment Certificate shall be uploaded by Key Personnel on INFRACON. These Key-Personnel should be inclusive of at least 3 Sr Highway Design Engineer, 2 Senior Pavement/material Specialist, 2 Senior Bridge design Engineer, 2 geotechnical Engineer and 2 Traffic/Road Safety Expert on employee roll at Head Office or Site Office of the Consultant to be eligible for marks in this criteria.		10		
2	Specific experience of firms in terms of turnover in last five (5) Financial Years	5			Page No. 294-519
2.1	Firm's Average Turnover of last 5 years >250 crore		5	5	
2.2	Firm Average Turnover of last 5 years 50 - 250 crore		4		
2.3	Firm Average Turnover of last 5 years - >5 but < 50 crore		3.5		
	Total Marks	10		10	



<i>Firm's relevant experience in last 7 years</i>					
S. No.	Description	Max. Points	Sub Points	Points Gained	Page No. & Description
1	Specific experience of the DPR consultancy related to the assignment for eligibility	30			
1.1	Aggregate Length of DPR / Feasibility study of 2/4/ 6 lane projects	10			Page No. 117 - 293 (Total length 4586 km)
1.1.1	More than the indicative Length of the package applied for		3.5		
1.1.2	More than 2 times the indicative length of the package applied for		4.5		
1.1.3	More than 3 times the indicative length of the package applied for		5		
1.1.4	More than 4 times the indicative length of the package applied for		6.5		
1.1.5	More than 5 times the indicative length of the package applied for		10		
1.1.6	More than 5 times the indicative length of the package applied for			10	
1.2	DPR for 2/4/6 laning projects each equal to or more than 40% of indicative length of a package applied for (or Feasibility Study for 2/4/6 laning projects each equal to or more than 60% of indicative length of a package applied for)	15			(Total >5 projects) 1 - Project 1 : Vadodara - Mumbai Expressway, (6/8 lane), Length 473 km (Pg. 119) 2 - Project 2 : Jalandhar Moga Green Field Expressway (4/8 Lane), Length 477.8 km (Pg. -177) 3 - Project 3 - NH-88
1.2.1	1 project		7.5		
1.2.2	2 projects		9		
1.2.3	3 projects		11		
1.2.4	4 projects		12.5		
1.2.5	> 5 projects		15	15	
2	DPR of Major Bridges/ROBs/Viaducts having length more than 1000m (excluding approaches)	5			Page No.121-124 (Total 9 Projects of more than 40 Bridges)
2.1	2 Bridge		4		
2.2	3 Bridges		4		
2.3	4 Bridges		5		
2.4	≥5 Bridges		5	5	
	Total Marks			30	

B-1 Material testing, survey & investigation, equipment and software proposed to be used

S. No.	Description	Max. Points	Sub Points	Points Gained	Page No. & Description
1	Availability of Material testing Facilities with persons/resources having operational skills of the equipment	0.75			Page No. 868-882
1.1	Owned** (Available In House) or Outsourced (Hire basis/Through Associate) supported by MOU / lease Agreement		0.75	0.75	
1.2	Not Available				
* Shall be ascertained through the ownership evidence uploaded on INFRACON in regard to major equipment required for testing of materials to be used for construction of Highway Project.					
2	Availability of Field Investigation Facilities with persons/resources having operational skills of the equipment	0.5			Page No. 884-1002
2.1	Owned** (Available In House)		0.5	0.5	
2.2	Not Available				
** Shall be ascertained through ownership evidence uploaded on INFRACON for construction of Highway Project.					
3	Availability of Office Equipment and Software with persons/ resources having operational skills of the equipment (as per details given below the table)	0.75			Page No. 874-877 and 1342-1432
3.1	Owned*** (Available In House) or Outsourced (Hire basis/Through Associate) supported by MOU / lease Agreement		0.75	0.75	
3.2	Not Available		0		
*** Shall be ascertained through ownership evidence uploaded on INFRACON for key hardware/software required for Highway consultancy assignment.					
4	Experience in use of LiDAR or better technology for topographic survey (Infrastructure sector) in last 7 financial Years	1.25			1004-1070 (Total 10 Projects)
4.1	1 project		0.25		
4.2	2 projects		0.5		
4.3	3 projects		0.75		
4.4	4 projects		1		
4.5	≥ 5 projects		1.25	1.25	
5	Experience in using GPR and Induction Locator or better technologies for detection of sub-surface utilities (Infrastructure sector) in last 7 Financial Years	1			Page No. 1071-1098 (Total 4 Projects)
5.1	1 project		0.25		
5.2	2 projects		0.50		
5.3	3 projects		0.75		
5.4	≥ 4 projects		1.0	1	
6	Experience in digitization of cadastral maps for land surveys in last 7 Financial Years	0.75			Page No. 1099-1124 (Total 500 Ha, aggregate with 5 projects)
6.1	Area upto 100 ha		0.25		
6.2	Area between 100-500 ha		0.5		
6.3	Area > 500 ha		0.75	0.75	
Total Marks		5		5	

B2 - Experience in use of technology (5)					
S. No.	Description	Max. Points	Sub Points	Points Gained	Page No. & Description
1	Experience of Aerial LiDAR or equivalent technology for topographic survey (Infrastructure sector) with persons/resources having operational skills of the equipment with the firm Experience through owned or outsourced equipment supported by MOU / lease Agreement	1.5			Page No. 1125-1225 (3 Projects)
i	1 Project		0.5		
ii	2 Project		1		
iii	> 2 Project		1.5	1.5	
2	Experience of using Geo Physical Survey Equipment (Seismic Reflection / Seismic Refraction / Electrical Resistivity / AEM etc.) for subsurface investigation with the firm through owned or outsourced equipment supported by MOU / lease Agreement	1			Page No. 1226-1278 (2 Projects)
i	1 Project		0.5		
ii	2 Project		1	1	
3	Experience of use of advanced structural health monitoring systems which consists of accelerometers, Sensors, inclinometers, anemometer, Load measuring pin etc. with software to analyze the data and infer the structural health and residual life. The experience can be through owned or outsourced equipment & software supported by MOU / lease Agreement.	1.5			Page No. 1278-1316 (more than 5 bridges)
i	1-2 Major Bridges		0.5		
ii	3-5 Major Bridges		1		
iii	> 5 Major Bridges		1.5	2	
4	Availability and experience in Processing of satellite imagery for the creation of Digital Elevation Model (DEM) and Digital Terrain Model (DTM) with the firm through owned or outsourced equipment supported by MOU / lease Agreement	1			Page No. 1317-1341 (4 Projects)
i	1 project		0.5		
ii	2 projects		1	1	
Total Marks		5		5	





<i>Qualification and Relevant experience of the proposed Key Personnel</i>				
S. No.	Name of Key Person	Key Person	Points as per RFP	Points gained
1	Sh. Assem Kumar Prabhakar	Team Leader cum Senior Highway Engineer	10	9.80
2	Sh. Vivek Sood	Senior Bridge Design Engineer	8	8.00
3	Sh. Suresh Kalivarapu	Highway Design Engineer	6	5.64
4	Smt Devasena Veloo	Traffic/ Road Signage/ Marking and Safety Expert	5	4.95
5	Sh. Ravi Singh	Environmental Specialist	4	3.80
6	Sh. Swapan Kumar Bagui	Material-cum-Geo-Technical Engineer	5	4.43
7	Sh. Girijesh Kumar Tiwari	Senior Survey Engineer	4	3.60
8	Sh. Satish Balaji Yeleri	Quantity Surveyor/Documentation Expert	2	1.80
9	Sh. Puran Singh Bisht	Land Acquisiton Expert	4	3.60
10	Sh. Rakhanlal Vishwakarma	Utility Expert	2	1.94
Total			50.0	47.555

Team leader cum senior highway engineer					
Name			Manoj Kumar		
DOB			01.07.1966		
...	Undertaking From Consulting Firm	Attached			1436
...	Undertaking From the Professional	Attached			-
S. No.	Description	Max. Points	Sub Points	Points Gained by Key personnel	Page No. & Description (1437)
1	Desirable Qualification	25			
	Full Time Graduation in Civil Engineering or Equivalent from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries* For other AICTE approved colleges give 50% marks i.e. 5 marks		10	10	Page No. 1496 (BE From University of Roorkee in 1989)
	Post-Graduation				
	Full Time/Regular Post Graduation in Construction Management/ Transportation/Highway Engineering for PG from any IIT/NIT/IISC/BITS or other State Government Engineering Colleges of Repute or Engineering Colleges of Developed Countries* [For other AICTE Approved colleges give 50% marks i.e. 7.5 marks]		15	15	Page No. 1498 (ME From University of Punjab University in 1991)
	Part Time Post Graduation in Construction Management/ Transportation/Highway Engineering for PG from any IIT/NIT/IISC/BITS or other State Government Engineering Colleges of Repute or Engineering Colleges of Developed Countries* [For other AICTE Approved colleges give 50% marks i.e. 5 marks]		10		
2	Relevant Experience & Adequacy for the Project	70			
(a)	Total Professional Experience	15			
	< 15 years		0		Page No. 1438-1440 (More than 21 years)
	15-18 years		11		
	> 18- 21 years		13		
	> 21 years-		15	15	
b)	Experience in Highway Projects- Experience in Planning, project preparation and design of Highway Projects or Construction Supervision of major highway projects i.e. (2/4/6 laning of NH/ SH/ Expressways) (2/4/6 laning of NH/SH/Expressways)	15			Page No. 1439-1440 (More than 18 years)
	< 12 years-		0		
	12 - 15 years-		10		
	> 15-18 years-		12.5		
	> 18 years		15	15	
c	Experience in Similar Capacity	40			
(i)	In Feasibility of 2/4/6 laning works or DPR/ of major highway projects i.e. 2/4/6 laning of NH/SH/Expressways in Similar Capacity (Minimum Aggregate length of 80 km)	30			Page No. 1439-1440 (More than 600 Km)
	< 80km-		0		
	80 km-150km-		17		
	> 150km-250km-		20		
	> 250km- 300 km		23		
	>300 km-400km		26		
	Add 1 point for each additional 50 km subject to max. 4 points			30	
(ii)	In Feasibility of 2/4/6 laning works or DPR/ of major highway projects i.e. 2/4/6 laning of NH/SH/Expressways in Similar Capacity-Number of Projects in hill roads (Minimum length of 20 km)	10			Page No. 1439-1440 (Total 6 Projects)
	< 1 projects -		0		
	1 projects-		4		
	2-3 projects-		6		
	4-6 Projects		8	8	
	More than 6 projects		10		
3	Employment with the Firm	5			
	< 1 Year		0		
	1 year		2		(6 Yr)
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks			5.00	
Total (at Scale of 100)		100		98.0	
Total (at Scale of 10)		10		9.80	





Senior Bridge Design Engineer					
Name			Narul Imam		
DOB			1/1/1976		
...	Undertaking From Consulting Firm			Attached	1514
...	Undertaking From the Professional			Attached	-
S. No.	Description	Max. Points	Sub Points	Points Gained by Key personnel	Page No. & Description
1	Desirable Qualification	30			
	Full Time Graduation in Civil Engineering or Equivalent from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries* For other AICTE approved colleges give 50% marks i.e. 5 marks		10	10	Page No. 1547 (BE From Aligarh University of Aligarh in 1999)
	Post-Graduation				
	Full Time/Regular Post Graduation in Construction Management/Transportation/Highway Engineering For PG from any IIT/NIT/IISC/BITS or other State Government Engineering Collges of Repute or Engineering Colleges of Developed Countries*		20	20	IIT Guwahati Pg. no. 1572
	Part Time Post Graduation in Construction Management/Transportation/Highway Engineering for PG from any IIT/NIT/IISC/BITS or other State Government Engineering Collges of Repute or Engineering Colleges of Developed Countries* [For other AICTE Approved colleges give 50% marks i.e. 5 marks]		12		
2	Relevant Experience & Adequacy for the Project	65			
b)	Experience in Bridge Projects	30			
(i)	Experience in Design/Construction of Bridge	15			
	< 8 years-		0		
	8 - 10 years-		5		
	> 10-12 years-		8		
	12 - 15 years		10		
	For each additional year add 1 marks subject to a maximum	15		15	Page No. 1515-1518 (More than 20 Yr.)
(ii)	Experience of 2/4 lane configuration Bridges				
	<2 Projects		0		
	2-4 projects		3		
	5-7 projects		6		
	8-10 projects		9		
	11-13 projects		12		
	For each additional project add 0.5 marks subject to a maximum additional 3 marks			15	Page no. 1515-1518 (More than 20 projects)
C	Experience as Senior Bridge Engineer or Similar Capacity in Highway Design Consultancy Projects (2/4/6 laning of NH/SH/Expressways) involving design of Major Bridges of minimum 2 nos. of length more than 100m)	35			
	<2 numbers		0		
	2-4 numbers		10		
	5-6 numbers		15		
	7-8 numbers		20		
	9-10 numbers		25		
	For Design of each additional project add 1 mark subject to a maximum additional of 10 marks			35	Page No.1515-1518 (Total 18 projects)
3	Employment with the Firm	5			
	Less than 1 year		0		
	1 year		2		
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks			5	more than 10 years
	Total (at Scale of 100)	100		100.0	
	Total (at Scale of 12)	8		8.00	

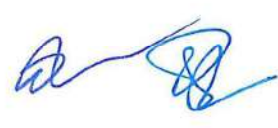
Highway Design Engineer					
Name			Devendra Kumar		
DOB			20.06.1987		
...	Undertaking From Consulting Firm			Attached	1586
...	Undertaking From the Professional			Attached	-
S. No.	Description	Max. Points	Sub Points	Points Gained by Key personnel	Page No. & Description
1	Desirable Qualification	25			
	Full Time Graduation in Civil Engineering or Equivalent from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries* For other AICTE approved colleges give 50% marks i.e. 5 marks		10	10	Page no. 1634 (BE from Aligarh University 2009)
	Post-Graduation				
	Full Time/Regular Post Graduation in Construction Management/ Transportation/Highway Engineering For PG from any IIT/NIT/IISC/BITS or other State Government Engineering Colleges of Repute or Engineering Colleges of Developed Countries* [For other AICTE Approved colleges give 50% marks i.e. 7.5 marks]		15	15	(IIT Rurkee) Pg. no. 1629
	Part Time Post Graduation in Construction Management/ Transportation/Highway Engineering for PG from any IIT/NIT/IISC/BITS or other State Government Engineering Colleges of Repute or Engineering Colleges of Developed Countries* [For other AICTE Approved colleges give 50% marks i.e. 5 marks]		10		
2	Relevant Experience & Adequacy for the Project	70			
b)	Experience in Design/Pavement Design of Highway projects (2/4/6 laning of NH/ SH/ Expressways)	20			Page No. 1587-1588 (Total 11 Yr.)
	< 6 years-		0		
	6 - 10 years-		10		
	> 10-15 years-		15	15	
	> 15 years		20		
C	Experience in Similar Capacity	50			
(i)	In Design/Pavement Design of Highway Projects 2/4/6 laning of NH/SH/Expressways in Similar Capacity (Minimum Aggregate length of 120 km)	30			Page No. 1587-1588 (More than 1000 Km)
	< 120 km-		0		
	120 km-200km-		10		
	> 200km-300km-		12.5		
	> 300km- 400 km		15		
	>400 km-500km		17.5		
	>500 km-600km		20		
	>600 km-700km		22.5		
	>700 km-800km		25		
	Add 2.5 marks for each additional 100 km length subject to max. 5 points additional marks			30	
(ii)	In Design/Pavement Design of Highway Projects 2/4/6 laning of NH/SH/Expressways in Similar Capacity - Number of Projects (Minimum length of 25 km)	20			Pg. no. 1587-1588 (more than 15 project)
	< 2 projects -		8		
	3-5 projects-		10		
	>5-8 projects-		12.5		
	>8-10 projects		15		
	>10-15 projects		20	20	
3	Employment with the Firm	5			
	Less than 1 year		0		Since Nov-19
	1 year		2		
	Add 0.5 marks for each subsequent year subject to maximum of 3			4.0	
	Total (at Scale of 100)	100		94.0	
	Total (at Scale of 6)	6		5.64	

Traffic/ Road Signage/ Marking and Safety Expert					
Name		Muthyala Madhusudhan Rao			
DOB		19.12.1973			
...	Undertaking From Consulting Firm			Attached	1652
...	Undertaking From the Professional			Attached	
S. No.	Description	Max. Points	Sub Points	Points Gained by Key personnel	Page No. & Description
1	Desirable Qualification				
	Full Time Graduation in Civil Engineering or Equivalent from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries* For other AICTE approved colleges give 50% marks i.e. 5 marks		10	10	Page No. 1763 (BE Civil From Osmania University of in 1995)
	Post-Graduation				
	Full Time/Regular Post Graduation in Traffic/Transportation Safety Engineering or equivalent Post-Graduation in Transportation Planning will also be considered provided it is obtained after Graduation in Civil Engineering. For PG from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries give full marks For other AICTE approved colleges give 50% marks i.e. 7.5 marks]		15	15	Page No. 1871 (Master of Technology From Jawaharlal Nehru Tech. University of in 1998 in Transportation Engineering)
	Part Time Post Graduation in Traffic/Transportation Safety Engineering or equivalent Post-Graduation in Transportation Planning will also be considered provided it is obtained after Graduation in Civil Engineering. For PG from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries give full marks For other AICTE approved colleges give 50% marks i.e. 5 marks]		10		
2	Relevant Experience & Adequacy for the Project	70			Page-1663
b)	Experience on Similar Projects (2/4/6 laning of NH/SH/Expressways in Similar Capacity)	35			35 Page No. 1653-1658 (Total 25 Yr.)
	< 5 years-		0		
	5 - 8 years-		10		
	> 8-10 years-		15		
	> 10-15 years		20		
	> 15-20 years		25		
	> 20-25 years		30		
	> 25 years		35		
c	Experience as Traffic and Safety Expert/Traffic Engineer or in Similar Capacity in Highway Projects (2/4/6 laning of NH/SH/Expressways) (Minimum aggregate length 120 km)	35			35 Page No. 1653-1658 (more than 600 Km)
	< 120km-		0		
	120 km-200km-		10		
	> 200km-300km-		15		
	> 300km- 400 km		20		
	> 400 km-500km		25		
	> 500 km-600km		30		
	> 600km		35		
3	Employment with the Firm	5			4.0 Since March-19
	Less than Year		0		
	1 year		2		
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks				
Total (at Scale of 100)		100		99.0	
Total (at Scale of 12)		5		4.95	

Environmental Specialist					
Name				Meena Jain	
DOB				21.12.1977	
...	Undertaking From Consulting Firm			Attached	1785
...	Undertaking From the Professional			Attached	-
S. No.	Description	Max. Points	Sub Points	Points Gained by Key personnel	Page No. & Description
1	Desirable Qualification				
	Full Time Graduation Graduate in Civil Engineering/Environment Engineering/Masters in Environment Science from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries* For other AICTE approved colleges give 50% marks i.e. 5 marks	10		10	Page No. 1862 (Masters (Environmental) from Malabiya national Institute of Technology in 2003)
	Post-Graduation				
	Full Time/Regular Post Graduation or Doctorate in Environmental Engineering/Environment Management or equivalent. For PG from any IIT/NIT/IISC/BITS or other State Government Engineering Collges of Repute or Engineering Colleges of Developed Countries* [For other AICTE Approved colleges give 50% marks i.e. 7.5 marks]	15		15	
	Part Time Post Graduation or Doctorate in Environmental Engineering/Environment Management or equivalent. For PG from any IIT/NIT/IISC/BITS or other State Government Engineering Collges of Repute or Engineering Colleges of Developed Countries* [For other AICTE Approved colleges give 50% marks i.e. 5 marks]	10			
2	Relevant Experience & Adequacy for the Project	70			
a)	Total Professional Experience	15			
	< 6 years-		0		
	6 - 8 years-		11		
	> 8-10 years-		13		
	> 10 years		15	15	Page No.1786-1789 (More than 17 yrs)
b)	Experience in Highway Project-Experience in Environment impact assesment of Highway Projects (2/4/6 laning of NH/SH/Expressway)	25			
	<5 years		0		
	5-7 years		19		
	> 7-10 years		22		
	> 10 years		25	25	Page No.1786-1789 (More than 10 yrs)
c)	Experience as Environmental Specialist or in Similar Capacity in Highway Projects (2/4/6 laning of NH/SH/Expressways)	15			
	< 2 projects		0		
	2-4 projects		12		
	5-7 projects		14		
	> 7 projects		15	15	Page No. 1789 (More than 07 projects)
d)	Experience as Environmental Specialist or in Similar Capacity in Highway Projects (2/4/6 laning of NH/SH/Expressways)				
	< 5 years		0		
	5-7 years		12		
	>7-10 years		14		
	> 10 years		15	15	Page No.1789 (More than 10 years)
3	Employment with the Firm	5			
	Less than 1 year		0		
	1 year		2		
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks			0	
Total (at Scale of 100)		100		95.0	
Total (at Scale of 12)		4		3.80	

Material Cum GeoTech Engineer					
Name		Rajendra P. Chauhan			
DOB		03.04.1988			
...	Undertaking From Consulting Firm	Attached		2042	
...	Undertaking From the Professional	Attached		-	
S. No.	Description	Max. Points	Sub Points	Points Gained by Key personnel	Page No. & Description
1	Desirable Qualification				
	Full Time Graduation in Civil Engineering or Equivalent or M.Sc. in Geology from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries* For other AICTE approved colleges give 50% marks i.e. 5 marks	10		10	Page No. 1906 (ME in Geotechnical Engg. From Gujarat Technological University Bengal in 2014)
	Post-Graduation				
	Full Time/Regular Post Graduation in Foundation Engineering/Soil Mechanics/Geo Tech Engineering or Phd in Geology. For PG from any IIT/NIT/IISC/BITS or other State Government Engineering Colleges of Repute or Engineering Colleges of Developed Countries give full marks [For other AICTE Approved colleges give 50% marks i.e. 7.5 marks]	15		15	LD college of engineering , Ahmedabad
	Part Time Post Graduation in Foundation Engineering/Soil Mechanics/Geo Tech Engineering or Phd in Geology. For PG from any IIT/NIT/IISC/BITS or other State Government Engineering Colleges of Repute or Engineering Colleges of Developed Countries give full marks [For other AICTE Approved colleges give 50% marks i.e. 5 marks]	10			
2	Relevant Experience & Adequacy for the Project	70			
a)	Total Professional Experience	15			Page No. 2044 (11 Yr.)
	< 10 years-		0		
	10 - 12 years-		11	11	
	> 12-15 years-		13		
	> 15 years		15		
b)	Experience in Highway Projects - In similar Projects (2/4/6 laning of NH/SH/Expressways) in design and or Construction/Construction Supervision	20			Page No. 2044 (11 Yr.)
	<7 years		0		
	7-10 years		15		
	>10-12 years		17.5	17.5	
	>12 years		20		
c	Experience as Material cum Geo-technical Engineer or in Similar capacity on Highway Projects 2/4/6 laning of NH/SH/Expressways in Similar Capacity (Minimum Aggregate length of 120 km)	20			more than 300km at pg. no. 2044
	< 120 km-		0		
	120 km-200km-		15		
	> 200km-300km-		17.5		
	> 300km		20	20	
(ii)	Experience in Similar Capacity on Highway Projects 2/4/6 laning of NH/SH/Expressways in DPR preparation of slope protection measures and land slide management in hill roads (traditional protection works such as Retaining wall, breast wall, gabion wall shall not be considered) Please mention the slope protection works and land slide management measures used in each project.	15		15	more than 3 Projects
	< 1 projects -		0		
	1 - 2 projects-		10		
	> 2 projects-		15		
3	Employment with the Firm	5			
	Less than 1 year		0		
	1 year		2		
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks			0	Nil
Total (at Scale of 100)		100		88.5	
Total (at Scale of 12)		5		4.43	





Senior Survey Engineer					
Name		Nawalesh Kumar			
DOB		02.01.1961			
...	Undertaking From Consulting Firm			Attached	2010
...	Undertaking From the Professional			Attached	-
S. No.	Description	Max. Points	Sub Points	Points Gained by Key personnel	Page No. & Description
1	Desirable Qualification				
	Full Time Diploma in Civil Engg. or Diploma in surveying or equivalent from any Central/State Government Engineering College of Repute or Engineering Colleges of Developed Countries* For other govt. approved colleges give 75% marks i.e. 13.5 marks	18		0	
	Full Time/Part Time Graduation in Civil Engineering from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries* For other govt. approved colleges give 75% marks i.e. 18.75 marks	25		25	Page No. 2040 (Bachelor of Science (Civil Engg.) from Patna University in 1984)
2	Relevant Experience & Adequacy for the Project	70			
a)	Total Professional Experience	15			
	< 10 years		0		
	10-12 years		11		
	> 12 - 15 years		13		
	> 15 years		15		
b)	Experience in Highway Projects	25			
i)	Experience in similar projects (2/4/6 laning of NH/SH/Expressways) in project preparation/ construction/construction supervision	20			
	< 8 years-		0		
	8 - 10 years-		15		
	> 10-12 years-		17		
	> 12 years		20		
ii)	Knowledge and understanding of modern computer based method of surveying such as LIDAR survey (ground or aerial), remote sensing, GIS mapping etc. Certificate from an accredited institute to be submitted for validation	5			
	Yes		5		
	No		0		
c	Experience as Survey Engineer or in Similar Capacity for project preparation of highway project (2/4/6 laning of NH/SH/Expressways) (Minimum Aggregate length of to 120km)	30			
	< 120 km-		0		
	120 km-200km-		10		
	> 200km-300km-		15		
	> 300km- 400 km		20		
	> 400 km-500km		25		
	> 500 km		30		
	Add 2.5 marks for each additional 100 km length subject to max. 5 points additional marks				
3	Employment with the Firm	5			
	Less than 1 year		0		
	1 year		2		
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks				
Total (at Scale of 100)		100		90.0	
Total (at Scale of 12)		4		3.60	

Quantity Surveyor Docs Expert					
Name		Jitendra Kumar Singh			
DOB		11.02.1967			
...	Undertaking From Consulting Firm			Attached	1869
...	Undertaking From the Professional			Attached	1916
S. No.	Description	Max. Points	Sub Points	Points Gained by Key personnel	Page No. & Description
1	Desirable Qualification	25			
i)	Full Time Graduation in Civil Engineering. For Graduation from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries give full marks. For other AICTE approved colleges give 50% marks i.e. 5 marks		15	15	Page No. 1906 (BE From Rashtrasant Tukadoji Maharaj Nagpur University Bengal in 1993)
ii)	Full Time Post Graduate Degree or Diploma in Quantity Surveying [AICTE/UGC approved]		10		
2	Relevant Experience & Adequacy for the Project	70			
	Total Professional Experience	15			
a)	< 10 years-		0		
	10 - 12 years-		11	15	Page-1870-1871 (More than 20 Yrs)
	> 12-15 years-		13		
	> 15 years		15		
b)	Experience in Highway Projects - Experience in preparation of Bill of Quantities, Contract document and documentation for major highway projects (2/4/6 laning of NH/SH/Expressways) in Assistant Quantity Surveyor capacity or Higher Designation	25			
	< 8 years-		0		
	8 - 10 years-		12.5	25	Page-1870-1871 (>20 Yrs)
	> 10-12 years-		15		
	> 12-15 years-		17.5		
	> 15-18 years-		20		
	> 18-20 years-		22.5		
	> 20 years		25		
c)	Experience as Quantity Surveyor or in similar capacity in Highway Projects (2/4/6 laning of NH/SH/Expressways) (Minimum Aggregate length of 120 km). Consider full length experience in Quantity Surveyor or in similar capacity and consider 2/3 length experience in case of Assistant Quantity Surveyor or in similar capacity	30			
	< 120 km-		0		
	120 km-200km-		15	30	More than 1000 km
	> 200km-300km-		17.5		
	> 300km- 400 km		20		
	>400 km-500km		22.5		
	>500 km-600km		25		
	>600 km add 2.5 marks for each additional 100 km length subject to max. 5 points additional marks		30		
3	Employment with the Firm	5			
	Less than 1 year		0		
	1 year		2	5	(More than 5 Yr)
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks		5		
Total (at Scale of 100)		100		90.0	
Total (at Scale of 12)		2		1.80	

Land Acquisition Expert					
	Name		Ramjeet Maurya		
	DOB		08.07.1961		
...	Undertaking From Consulting Firm			Attached	1917
...	Undertaking From the Professional			Attached	1962
S. No.	Description	Max. Points	Sub Points	Points Gained by Key personnel	Page No. & Description
1	Desirable Qualification	25			
	Graduation or equivalent in any discipline		20	20	Page No. 1956 (BA from Gorakhpur University in 1981)
	Post Graduation in law		5	0	
2	Relevant Experience & Adequacy for the Project	70			
a)	Total Professional Experience	15			
	< 15 years-		0		
	15 - 17 years-		11		
	> 17-20 years-		13		
	> 20 years		15		
a)	Experience in Land Acquisition works of Government/Authority	20			
	< 10 years-		0		
	10 - 12 years-		15		
	> 12 - 15 years-		17		
	> 15 years		20		
c)	Experience in Land Acquisition works in Highway/road sector	25			
	Nil Project		0		
	1 Projects		19		
	2 Projects		22		
	3 Projects		25		
d)	Retired Revenue Officer at the level of ADM/SDM	10		10	Yes
3	Employment with the Firm	5			
	Less than 1 year		0		
	1 year		2		
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks		5		
Total (at Scale of 100)		100		90.0	
Total (at Scale of 12)		4		3.60	

Utility Expert					
	Name	Patel Harshad Shivrambhai			
	DOB	24.02.1971			
...	Undertaking From Consulting Firm	Attached		1962	
...	Undertaking From the Professional	Attached			
S. No.	Description	Max. Points	Sub Points	Points Gained by Key personnel	Page No. & Description
1	General Qualification	25			
	Full Time Graduation in Electrical Engineering. For Graduation from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries give full marks For other colleges give 50% marks i.e. 12.50 marks		25	25	Page No. 2002 (BE in Electrical from North Gujarat University in 1996)
2	Relevant Experience & Adequacy for the	70			
a)	Total Professional Experience	15			
	<10 Years		0		
	10-15 Years		11		
	> 15-20 Years		13		
	> 20 Years		15		
b)	Experience in Utility Estimation and its laying /erection	30			
	< 8 years-		0		
	8 - 10 years-		15		
	> 10-15 years-		17.5		
	> 15-20 years		22.5		
	> 20-25 years		27.5		
	> 25 years		30		
c	Experience in Utility shifting estimation and its laying/erection along Highway/roads	25			
	Nil Project		0		
	1-3 project		15		
	4-6 project		20		
	> 6 project		25		
3	Employment with the Firm	5			
	Less than 1 year		0		
	1 year		2		
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks				
Total (at Scale of 100)		100		97.0	
Total (at Scale of 12)		2		1.94	

Evaluation of RFP : TECHNICAL BID									
Name of work: Consultancy Services for Consultancy Services for preparation of Detailed Project Report for Bhopal-Indore green field corridor (Part of Vision 2047) in the state of MP (Tender ID: 2024_NHAL_216849_1)									
NIT Date: 28/11/2024									
GENERAL DETAILS OF BID RECIVED AS PER NIT									
A. Estimated cost of the work	751.14	Lakhs		F. Pre-Bid Meeting :	20-12-2024	Time : 03:00			
B. Validity period of Bid:	120	Days		G. BID Due Date:	14.01.2025	Time : 11:00			
C. Period of Completion : as per point no. 3 of DATA Sheet in days : (As per RFP)	365	Days		H. Date of opening of Technical Bid: (Place: Office of M&A, Bhopal)	15.01.2025	Time : 12:00 PM			
D. Bid Security (As per of NIT)	Nil	BG		I. No. of bids Up-loaded:	5	Nos			
E. Validity Period of Bid Security : No. of Days	Nil	Days		J. No. of bids Down-loaded:	5	Nos			
				K. No. of bids Not-	0	Nos			
				L. Reason of Not-Downloaded Bids:	BID Documents Not Submitted				
STAGE-1: PROOF OF ELIGIBILITY									
Details required as per RFP			Details furnished by bidder				Page No.		
1	Name of bidder (Forwarding letter for Proof of Eligibility in the Form-E1)		LEA Associates South Asia Pvt. Ltd. New Delhi association with Arun Soil Lav Pvt. Ltd. (BID ID 804035)				60-62		
2	Type of firm (Sole/ JV/ Association)		JV & Association				44-45		
3	Registration certificate		Lead Partner	Furnished			46		
			JV Partner	Furnished			Nil		
			Associate Partner	Furnished (Supplementary Agreement)			Nil		
4	Place of registration		Lead Partner	New Delhi			46		
			JV Partner						
			Associate Partner						
5	Share of partner in case of JV		Lead Partner	Furnished					
			JV Partner	Memorandum of Understanding					
			Associate Partner						
6	Power of Attorney as per clause 1.8.1(i) of LOI		Furnished				7-11		
7	GST Registration		Lead Partner	Furnished					
			JV Partner	Furnished					
			Associate Partner	Furnished					
8	Tender Fee of an Amount 5000		Furnished				5		
9	In case of joint venture proposal shall be accompanied by MOU		YES				44-45		
10	INTEGRITY PACT as per format T 13		Furnished						
11	A Consultant is required to submit along with its Technical Proposal, a self- certification that the services offered meets the local content requirement for 'Class-I Local supplier'/'Class-II Local Supplier' as the case may be as per cl 1.8.5 of LOI		Furnished				52-53		
12	Proof of eligibility as per clause 3.1.1(i) of LOI		Furnished with proof of Eligibility form E-1 to E3				F4 (5-7)		
13	UNDERTAKING for any litigation history/arbitration		Furnished				51		
14	Technical Proposal		Furnished with Technical Proposal form T-1 to T-12						
15	Average Annual turnover of firm of last Five year is more than or equal to 5 Cr Submitted in form of E-3 Pg. no. F4 (403-419)		Sole	Minimum 5.00 Cr.	NA	NA			
			Lead Partner	Minimum 3.75 Cr.	374.34 Cr.	612			
			JV Partner	Minimum 2.5 Cr.					
16	Firm should have experience of preparation of DPR/feasibility of 2/4/6 lane of aggregate length as given below. The firm should have also prepared DPR/Feasibility of at least one project of 2/4/6 laning of minimum length as indicated below in last 7 years Submitted in form of E-2/T-3 Pg. No. 64-393								
	Package No.		Minimum aggregate length required of DPR/feasibility			Minimum length of eligible project(2/4/6 lane)			
	Consultancy Services for preparation of Detailed Project Report for Bhopal-Indore green field corridor (Part of Vision 2047) in the state of MP		DPR/Feasibility = Tentative length 160 Km Lead - 120km Other - 80 km			DPR-0.4x Tentative length (64 Km) Lead - 48 km Other - 32 km		(OR) Feasibility-0.6x Tentative length (96 Km) Lead - 72 km Other - 48 km	
i	Lead	Package No. as per Form E-2 (Page No. 64-393)	More than 120km			More than 48 km			
ii	Other	Page No.	More than 80 km			More than 32 km			
	Total Length		More than 160 km			More than 64 km		Not req.	
17	Residual Bid Capacity R=CLxTF-RP As per clause 3.1.3 of LOI = 160 km		JV > 160 km. Lead> 120 km Other >80 km and hence in order						
Yes, Firm is Eligible for Technical Evaluation (STAGE-2)									






STAGE-2: TECHNICAL EVALUATION

LEA Associates South Asia Pvt. Ltd. New Delhi
association with Arun Soil Lav Pvt. Ltd.

Sr.No.	Description	Form	Page No.
1	Forwarding Letter	T 1	838-839
2	Details of Projects for which TechnicalProposals have been submitted	T 2	840-841
3	Firm's Experience	T 3/E 2	842-843
4	Site Appreciation	T 4	844-848
5	Composition of the proposed team and task assignment	T 5	849-852
6	Proposed methodology	T 6	853-860
7	Material Testing lab facilities	T 7	861-920
8	Facility for field investigation and testing	T 8	921-1026
9	Details of Office Equipments	T 9	1027-1265
10	CV's of Key Personnels	T 10	1267-2318
	Team Leader cum senior Highway Engineer		1268-1389
	Senior Bridge Enginner		1390-1580
	Highway cum Pavement Engineer		1581-1697
	Material Engineer cum Geo Technical Engineer - Geologist		1944-2078
	Traffic and Safety Expert		1698-1849
	Senior Survey Engineer		2079-2133
	Environmental Specialist		1850-1943
	Quantity Surveyor/Documentation Expert		2134-2221
	Land Acquisition Expert		2222-2265
	Utility Expert		2266-2318
11	Residual Bid Capacity	T 11	2319-2321, 2339-2341, 2347
12	Complaice Certificate with GFR rules	T 12	2348-2349
13	INTEGRITY PACT	T 13	2350-2355



LEA Associates South Asia Pvt. Ltd. New Delhi
association with Arun Soil Lav Pvt. Ltd.

Detailed Technical Evaluation Summary

S. No.	Description	Max. Points As per RFP	Points Obtained by Firm
A1	A1 Firm's Profile, turnover and professionals working with the firm (10)	10	10.00
A2	Firm's relevant experience in last 7 years for DPR work	30	30.00
B1	Material testing, survey & investigation, equipment and software proposed to be used	5	5.00
B2	Experience in use of technology for road inspection in supervision work/quality/safety audit	5	4.50
D (CV)	Qualification and Relevant experience of the proposed Key Personnel	50	47.60
	Total	100.0	97.10

**[A-1] Firm's Profile, turnover and professionals working with the firm
(10)**

S. No.	Description	Max. Points	Sub Points	Points Gained	Page No. & Description
1	Nos. of Key Professionals with the firm for more than 1 years*	5			
1.1	<10		0		More than 70 Pg. no. 395-401
1.2	>10 but ≤ 25		1.5		
1.3	>25 but ≤ 40		2.5		
1.4	> 40 but ≤ 60		3.5		
1.5	> 60		5	5	
	Note* The key professionals who possess degree in Civil Engineering/Transport Planning /Transport Economics/Traffic Management/ Geology/ Environment Science or Engineering and 8 years' experience in highway/bridge /tunnel with employment in the firm for more than one year. The current Employment Certificate shall be uploaded by Key Personnel on INFRACON. These Key-Personnel should be inclusive of at least 3 Sr Highway Design Engineer, 2 Senior Pavement/material Specialist, 2 Senior Bridge design Engineer, 2 geotechnical Engineer and 2 Traffic/Road Safety Expert on employee roll at Head Office or Site Office of the Consultant to be eligible for marks in this criteria.		10		
2	Specific experience of firms in terms of turnover in last five (5) Financial Years	5			374.34 Cr. Pg. no. 610-611
2.1	Firm's Average Turnover of last 5 years >250 crore		5	5	
2.2	Firm Average Turnover of last 5 years 50 - 250 crore		4		
2.3	Firm Average Turnover of last 5 years - >5 but < 50 crore		3.5		
	Total Marks	10		10	

Firm's relevant experience in last 7 years					
S. No.	Description	Max. Points	Sub Points	Points Gained	Page No. & Description
1	Specific experience of the DPR consultancy related to the assignment for eligibility	30			
1.1	Aggregate Length of DPR / Feasibility study of 2/4/ 6 lane projects	10			More than 6 times Pg. no. 65-83
1.1.1	More than the indicative Length of the package applied for		3.5		
1.1.2	More than 2 times the indicative length of the package		4.5		
1.1.3	More than 3 times the indicative length of the package		5		
1.1.4	More than 4 times the indicative length of the package applied for		6.5		
1.1.5	More than 5 times the indicative length of the package applied for		8.5		
1.1.6	More than 6 times the indicative length of the package applied for		10	10.0	
1.2	DPR for 2/4/6 laning projects each equal to or more than 40% of indicative length of a package applied for (or Feasibility Study for 2/4/6 laning projects each equal to or more than 60% of indicative length of a package applied for)	15			Pg. no. 84 more than 5 projects
1.2.1	1 project		7.5		
1.2.2	2 projects		9		
1.2.3	3 projects		11		
1.2.4	4 projects		12.5		
1.2.5	> 5 projects		15	15	
2	DPR of Major Bridges/ROBs/Viaducts having length more than 1000m (excluding approaches)	5			Pg. no. 100 more than 5 projects whereis more than 1000m bridges
2.1	2 Bridge		4		
2.2	3 Bridges		4		
2.3	4 Bridges		5		
2.4	≥5 Bridges		5	5	
	Total Marks	30		30.00	

B-1 Material testing, survey & investigation, equipment and software proposed to be used

S. No.	Description	Max. Points	Sub Points	Points Gained	Page No. & Description
1	Availability of Material testing Facilities with persons/resources having operational skills of the equipment	0.75			Pg. no. 64-124 & 861-920 (Material Testing Facility)
1.1	Owned** (Available In House) or Outsourced (Hire basis/Through Associate) supported by MOU / lease Agreement		0.75	0.75	
1.2	Not Available				
* Shall be ascertained through the ownership evidence uploaded on INFRACON in regard to major equipment required for testing of materials to be used for construction of Highway Project.					
2	Availability of Field Investigation Facilities with persons/resources having operational skills of the equipment	0.5			Pg. no. 125-229 & 921-1026 (Facility for Field Investigation)
2.1	Owned** (Available In House)		0.5	0.5	
2.2	Not Available				
** Shall be ascertained through ownership evidence uploaded on INFRACON for construction of Highway Project.					
3	Availability of Office Equipment and Software with persons/ resources having operational skills of the equipment (as per details given below the table)	0.75			Pg. no. 230-345 & 1027-2318 (Office Equipment)
3.1	Owned*** (Available In House) or Outsourced (Hire basis/Through Associate) supported by MOU / lease Agreement		0.75	0.75	
3.2	Not Available		0		
*** Shall be ascertained through ownership evidence uploaded on INFRACON for key hardware/software required for Highway consultancy assignment					
4	Experience in use of LiDAR or better technology for topographic survey (Infrastructure sector) in last 7 financial Years	1.25			Pg. no. 138-171 & 1144-1176 (Aerial LiDAR topographic survey)
4.1	1 project		0.25		
4.2	2 projects		0.5		
4.3	3 projects		0.75		
4.4	4 projects		1		
4.5	≥ 5 projects		1.25	1.25	
5	Experience in using GPR and Induction Locator or better technologies for detection of sub-surface utilities (Infrastructure sector) in last 7 Financial Years	1			Pg. no. 172-197 & 969-994 (Geo Physical detail)
5.1	1 project		0.25		
5.2	2 projects		0.50		
5.3	3 projects		0.75		
5.4	≥ 4 projects		1.0	1	
6	Experience in digitization of cadastral maps for land surveys in last 7 Financial Years	0.75			Pg. no. 198-196 & 995-1026 (Digitization & cadastral map detail)
6.1	Area upto 100 ha		0.25		
6.2	Area between 100-500 ha		0.5		
6.3	Area > 500 ha		0.75	0.75	
Total Marks		5		5	

B2 - Experience in use of technology (5)					
S. No.	Description	Max. Points	Sub Points	Points Gained	Page No. & Description
1	Experience of Aerial LiDAR or equivalent technology for topographic survey (Infrastructure sector) with persons/resources having operational skills of the equipment with the firm Experience through owned or outsourced equipment supported by MOU / lease Agreement	1.5			Pg. no. 1144-1176 & 936-968 (LiDAR detail)
i	1 Project		0.5		
ii	2 Project		1		
iii	> 2 Project		1.5	1.5	
2	Experience of using Geo Physical Survey Equipment (Seismic Reflection / Seismic Refraction / Electrical Resistivity / AEM etc.) for subsurface investigation with the firm through owned or outsourced equipment supported by MOU / lease Agreement	1			Pg. no. 1177-1180 (Geophysical survey detail)
i	1 Project		0.5	0.5	
ii	2 Project		1		
3	Experience of use of advanced structural health monitoring systems which consists of accelerometers, Sensors, inclinometers, anemometer, Load measuring pin etc. with software to analyze the data and infer the structural health and residual life. The experience can be through owned or outsourced equipment & software supported by MOU / lease Agreement.	1.5			Pg. no. 1181-1239 (detail)
i	1-2 Major Bridges		0.5		
ii	3-5 Major Bridges		1		
iii	> 5 Major Bridges		1.5	1.5	
4	Availability and experience in Processing of satellite imagery for the creation of Digital Elevation Model (DEM) and Digital Terrain Model (DTM) with the firm through owned or outsourced equipment supported by MOU / lease Agreement	1			Pg. no. 1240-1265 (detail)
i	1 project		0.5		
ii	2 projects		1	1	
Total Marks		5		4.5	

<i>Qualification and Relevant experience of the proposed Key Personnel</i>				
S. No.	Name of Key Person	Key Person	Points as per RFP	Points gained
1	Sitangshu Roy	Team Leader cum Senior Highway Engineer	10	9.80
2	Sanjay Mandal	Senior Bridge Design Engineer	8	8.00
3	Vishwas Vijay Kelkar	Highway Design Engineer	6	5.85
4	Bavanari Mallikarjuna Setty	Traffic/ Road Signage/ Marking and Safety Expert	5	4.75
5	Nagendra Kumar	Environmental Specialist	4	3.40
6	Sailesh S	Material-cum-Geo-Technical Engineer	5	5.00
7	Dilip Kumar De	Senior Survey Engineer	4	3.55
8	Prabhat Biswas	Quantity Surveyor/Documentation Expert	2	1.80
9	Suresh Kumar Gupta	Land Acquisiton Expert	4	3.60
10	Ramesh Veli	Utility Expert	2	1.85
Total			50.0	47.600

Team leader cum senior highway engineer					
Name			Sitangshu Roy		
DOB			20.12.1974		
...	Undertaking From Consulting Firm			Attached	1364
...	Undertaking From the Professional			Attached	1363
S. No.	Description	Max. Points	Sub Points	Points Gained by Key personnel	Page No. & Description
1	Desirable Qualification	25			
	Full Time Graduation in Civil Engineering or Equivalent from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries* For other AICTE approved colleges give 50% marks i.e. 5 marks		10	10	Pg. no. 1366 BE (Civil) from Bengal Engineering College in 1997
	Post-Graduation				
	Full Time/Regular Post Graduation in Construction Management/ Transportation/Highway Engineering for PG from any IIT/NIT/IISC/BITS or other State Government Engineering Colleges of Repute or Engineering Colleges of Developed Countries* [For other AICTE Approved colleges give 50% marks i.e. 7.5 marks]		15	15	Pg. no. 1367 Master in Civil from IIT Kharagapur in 2001
	Part Time Post Graduation in Construction Management/ Transportation/Highway Engineering for PG from any IIT/NIT/IISC/BITS or other State Government Engineering Colleges of Repute or Engineering Colleges of Developed Countries* [For other AICTE Approved colleges give 50% marks i.e. 5 marks]		10		
2	Relevant Experience & Adequacy for the Project	70			
(a)	Total Professional Experience	15			
	<15 years		0		
	15-18 years		11		
	> 18- 21 years		13		
	> 21 years-		15	15	More than 25 years
b)	Experience in Highway Projects- Experience in Planning, project preparation and design of Highway Projects or Construction Supervision of major highway projects i.e. (2/4/6 laning of NH/ SH/ Expressways) (2/4/6 laning of NH/SH/Expressways)	15			
	< 12 years-		0		
	12 - 15 years-		10		
	> 15-18 years-		12.5		
	> 18 years		15	15	More than 22 years
C	Experience in Similar Capacity	40			
(i)	In Feasibility of 2/4/6 laning works or DPR/ of major highway projects i.e. 2/4/6 laning of NH/SH/Expressways in Similar Capacity (Minimum Aggregate length of 80 km)	30			
	< 80km-		0		
	80 km-150km-		17		
	> 150km-250km-		20		
	> 250km- 300 km		23		
	>300 km-400km		26		
	Add 1 point for each additional 50 km subject to max. 4 points			30	Pg. no. 1269-1273 (More than 800km)
(ii)	In Feasibility of 2/4/6 laning works or DPR/ of major highway projects i.e. 2/4/6 laning of NH/SH/Expressways in Similar Capacity-Number of Projects in hill roads (Minimum length of 20 km)	10			
	< 1 projects -		0		
	1 projects-		4		
	2-3 projects-		6		
	4-6 Projects		8	8	
	More than 6 projects		10		
	Deleted				
3	Employment with the Firm	5			
	< 1 Year		0		
	1 year		2		
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks			5.00	more than 5 Yrs.
Total (at Scale of 100)		100		98.0	
Total (at Scale of 10)		10		9.80	






Senior Survey Engineer					
Name		Dilip Kumar De			
DOB		15.11.1966			
...	Undertaking From Consulting Firm	Attached		2114	
...	Undertaking From the Professional	Attached		2113	
S. No.	Description	Max. Points	Sub Points	Points Gained by Key personnel	Page No. & Description
1	Desirable Qualification				
	Full Time Diploma in Civil Engg. or Diploma in surveying or equivalent from any Central/State Government Engineering College of Repute or Engineering Colleges of Developed Countries* For other govt. approved colleges give 75% marks i.e.13.5 marks	18			
	Full Time/Part Time Graduation in Civil Engineering from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries* For other govt. approved colleges give 75% marks i.e.18.75 marks	25		18.75	BE from Institute of Civil Engineers(India)
2	Relevant Experience & Adequacy for the Project	70			
a)	Total Professional Experience	15			
	< 10 years		0		
	10-12 years		11		
	> 12 - 15 years		13		
	> 15 years		15		
b)	Experience in Highway Projects	25			
i)	Experience in similar projects (2/4/6 laning of NH/SH/Expressways) in project preparation/ construction/construction supervision	20			
	< 8 years-		0		
	8 - 10 years-		15		
	> 10-12 years-		17		
	> 12 years		20		
ii)	Knowledge and understanding of modern computer based method of surveying such as LIDAR survey (ground or aerial), remote sensing, GIS mapping etc. Certificate from an accredited institute to be submitted for validation	5			
	Yes		5		
	No		0		
c)	Experience as Survey Engineer or in Similar Capacity for project preparation of highway project (2/4/6 laning of NH/SH/Expressways) (Minimum Aggregate length of to 120km)	30			
	< 120 km-		0		
	120 km-200km-		10		
	> 200km-300km-		15		
	> 300km- 400 km		20		
	> 400 km-500km		25		
	> 500 km		30		
	Add 2.5 marks for each additional 100 km length subject to max. 5 points additional marks				
3	Employment with the Firm	5			
	Less than 1 year		0		
	1 year		2		
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks				
Total (at Scale of 100)		100		88.75	
Total (at Scale of 12)		4		3.55	

Highway Design Engineer					
Name			Vishwas Vijay Kelkar		
DOB			12.08.1974		
...	Undertaking From Consulting Firm		Attached	1670	
...	Undertaking From the Professional		Attached	1669	
S. No.	Description	Max. Points	Sub Points	Points Gained by Key personnel	Page No. & Description
1	Desirable Qualification	25			
	Full Time Graduation in Civil Engineering or Equivalent from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries* For other AICTE approved colleges give 50% marks i.e. 5 marks		10	10	Pg. no. 1674 BE (Civil) from Mahara Sadajirao University of Baroda in 1994
	Post-Graduation				
	Full Time/Regular Post Graduation in Construction Management/Transportation/Highway Engineering For PG from any IIT/NIT/IISC/BITS or other State Government Engineering Collges of Repute or Engineering Colleges of Developed Countries* [For other AICTE Approved colleges give 50% marks i.e. 7.5 marks]		15	15	Pg. no. 1672 ME (Transportation Engineering) Maharaja Sadajirao University of Baroda in 2002
	Part Time Post Graduation in Construction Management/Transportation/Highway Engineering for PG from any IIT/NIT/IISC/BITS or other State Government Engineering Collges of Repute or Engineering Colleges of Developed Countries* [For other AICTE Approved colleges give 50% marks i.e. 5 marks]		10		
2	Relevant Experience & Adequacy for the Project	70			
b)	Experience in Design/Pavement Design of Highway projects (2/4/6 laning of NH/ SH/ Expressways)	20			Pg. no. 1582-1585 (More than 15 Yr.)
	< 6 years-		0		
	6 - 10 years-		10		
	> 10-15 years-		15		
	> 15 years		20	20	
C	Experience in Similar Capacity	50			
(i)	In Design/Pavement Design of Highway Projects 2/4/6 laning of NH/SH/Expressways in Similar Capacity (Minimum Aggregate length of 120 km)	30			Pg. no. 1582-1585 (more than 1000 km)
	< 120 km-		0		
	120 km-200km-		10		
	> 200km-300km-		12.5		
	> 300km- 400 km		15		
	>400 km-500km		17.5		
	>500 km-600km		20		
	>600 km-700km		22.5		
	>700 km-800km		25		
	Add 2.5 marks for each additional 100 km length subject to max. 5 points additional marks			30	
(ii)	In Design/Pavement Design of Highway Projects 2/4/6 laning of NH/SH/Expressways in Similar Capacity - Number of Projects (Minimum length of 25 km)	20			Pg. no. 1582-1585 (more than 15 project)
	< 2 projects -		8		
	3-5 projects-		10		
	>5-8 projects-		12.5		
	>8-10 projects		15		
	>10-15 projects		20	20	
3	Employment with the Firm	5			
	Less than 1 year		0		
	1 year		2		
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks			2.5	
Total (at Scale of 100)		100		97.5	
Total (at Scale of 6)		6		5.85	

Traffic/ Road Signage/ Marking and Safety Expert					
Name		Bavanari Mallikarjuna Setty			
DOB		02.03.1969			
...	Undertaking From Consulting Firm			Attached	1829
...	Undertaking From the Professional			Attached	1828
S. No.	Description	Max. Points	Sub Points	Points Gained by Key personnel	Page No. & Description
1	Desirable Qualification				
	Full Time Graduation in Civil Engineering or Equivalent from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries* For other AICTE approved colleges give 50% marks i.e. 5 marks		10	10	Pg. no. 1831 BE (Civil) Sri Venkateswara University in 1982
	Post-Graduation				
	Full Time/Regular Post Graduation in Traffic/Transportation Safety Engineering or equivalent Post-Graduation in Transportation Planning will also be considered provided it is obtained after Graduation in Civil Engineering. For PG from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries give full marks For other AICTE approved colleges give 50% marks i.e. 7.5 marks]		15	15	Pg. no. 1832 IIT Bombay ME (Transportation Engineering)
	Part Time Post Graduation in Traffic/Transportation Safety Engineering or equivalent Post-Graduation in Transportation Planning will also be considered provided it is obtained after Graduation in Civil Engineering. For PG from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries give full marks For other AICTE approved colleges give 50% marks i.e. 5 marks]		10		
2	Relevant Experience & Adequacy for the Project	70			F6 (391-395)
b)	Experience on Similar Projects (2/4/6 laning of NH/SH/Expressways in Similar Capacity)	35			
	< 5 years-		0	30	Pg. no. 1699-1704 (Total 22 Yr.)
	5 - 8 years-		10		
	> 8-10 years-		15		
	> 10-15 years		20		
	> 15-20 years		25		
	> 20-25 years		30		
	> 25 years		35		
C	Experience as Traffic and Safety Expert/Traffic Engineer or in Similar Capacity in Highway Projects (2/4/6 laning of NH/SH/Expressways) (Minimum aggregate length 120 km)	35			
	< 120km-		0	35	Pg. no. 1699-1704 (more than 600 km)
	120 km-200km-		10		
	> 200km-300km-		15		
	> 300km- 400 km		20		
	> 400 km-500km		25		
	> 500 km-600km		30		
	> 600km		35		
3	Employment with the Firm	5			
	Less than Year		0	5.0	more than 7 Yr.
	1 year		2		
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks				
Total (at Scale of 100)		100		95.0	
Total (at Scale of 12)		5		4.75	






Environmental Specialist					
Name		Nagendra Kumar			
DOB		13.08.1971			
...	Undertaking From Consulting Firm			Attached	1926
...	Undertaking From the Professional			Attached	1925
S. No.	Description	Max. Points	Sub Points	Points Gained by Key	Page No. & Description
1	Desirable Qualification				
	Full Time Graduation Graduate in Civil Engineering/Environment Engineering/Masters in Environment Science from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries* For other AICTE approved colleges give 50% marks i.e. 5 marks	10		10	MSc from AN college, Bihar
	Post-Graduation				
	Full Time/Regular Post Graduation or Doctorate in Environmental Engineering/Environment Management or equivalent. For PG from any IIT/NIT/IISC/BITS or other State Government Engineering Colleges of Repute or Engineering Colleges of Developed Countries* [For other AICTE Approved colleges give 50% marks i.e. 7.5 marks]	15		0	
	Part Time Post Graduation or Doctorate in Environmental Engineering/Environment Management or equivalent. For PG from any IIT/NIT/IISC/BITS or other State Government Engineering Colleges of Repute or Engineering Colleges of Developed Countries* [For other AICTE Approved colleges give 50% marks i.e. 5 marks]	10		0	
2	Relevant Experience & Adequacy for the Project	70			
a)	Total Professional Experience	15			
	< 6 years-		0		
	6 - 8 years-		11		
	> 8-10 years-		13		
	> 10 years		15	15	Pg. no. 1851-1853 more than 10 Yrs.
b)	Experience in Highway Project-Experience in Environment impact assessment of Highway Projects (2/4/6 laning of NH/SH/Expressway)	25			
	<5 years		0		
	5-7 years		19		
	> 7-10 years		22		
	> 10 years		25	25	Pg. no. 1851-1853 more than 10 Yrs.
c)	Experience as Environmental Specialist or in Similar Capacity in Highway Projects (2/4/6 laning of NH/SH/Expressway)	15			
	< 2 projects		0		
	2-4 projects		12		
	5-7 projects		14		
	> 7 projects		15	15	Pg. no. 1851-1853 more than 7 projects
d)	Experience as Environmental Specialist or in Similar Capacity in Highway Projects (2/4/6 laning of NH/SH/Expressways)				
	< 5 years		0		
	5-7 years		12		
	>7-10 years		14		
	> 10 years		15	15	Pg. no. 1851-1853 more than 10 Yrs.
3	Employment with the Firm	5			
	Less than 1 year		0		
	1 year		2		
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks			5	more than 7 Yrs.
Total (at Scale of 100)		100		85.0	
Total (at Scale of 12)		4		3.40	

Material Cum GeoTech Engineer					
Name			Sailesh S		
DOB			3.11.1979		
...	Undertaking From Consulting Firm	Attached		2063	
...	Undertaking From the Professional	Attached		2064	
S. No.	Description	Max. Points	Sub Points	Points Gained by Key personnel	Page No. & Description
1	Desirable Qualification				
	Full Time Graduation in Civil Engineering or Equivalent or M.Sc. in Geology from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries* For other AICTE approved colleges give 50% marks i.e. 5 marks	10		10	Pg. no. 2065 Bachelor of Technology (Civil Engineering) in 2001 from University of Kerala
	Post-Graduation				
	Full Time/Regular Post Graduation in Foundation Engineering/Soil Mechanics/Geo Tech Engineering or Phd in Geology. For PG from any IIT/NIT/IISC/BITS or other State Government Engineering Colleges of Repute or Engineering Colleges of Developed Countries give full marks [For other AICTE Approved colleges give 50% marks i.e. 7.5 marks]	15		15	Pg. no. 2067 Master of Technology (Civil-Geotechnical Eng.) in 2003 from IIT Khargapur
	Part Time Post Graduation in Foundation Engineering/Soil Mechanics/Geo Tech Engineering or Phd in Geology. For PG from any IIT/NIT/IISC/BITS or other State Government Engineering Colleges of Repute or Engineering Colleges of Developed Countries give full marks [For other AICTE Approved colleges give 50% marks i.e. 5 marks]	10		0	
2	Relevant Experience & Adequacy for the Project	70			
a)	Total Professional Experience	15			Pg. no.1945-1948 (more than 15 Yr.)
	< 10 years-		0		
	10 - 12 years-		11		
	> 12-15 years-		13		
	> 15 years		15	15	
b)	Experience in Highway Projects - In similar Projects (2/4/6 laning of NH/SH/Expressways) in design and or Construction/Construction Supervision	20			Pg. no.1945-1948 (more than 12 Yr.)
	<7 years		0		
	7-10 years		15		
	>10-12 years		17.5		
	>12 years		20	20	
c	Experience as Material cum Geo-technical Engineer or in Similar capacity on Highway Projects 2/4/6 laning of NH/SH/Expressways in Similar Capacity (Minimum Aggregate length of 120 km)	20			Pg. no.1945-1948 (More than 300 Km)
	< 120 km-		0		
	120 km-200km-		15		
	> 200km-300km-		17.5		
	> 300km		20	20	
(ii)	Experience in Similar Capacity on Highway Projects 2/4/6 laning of NH/SH/Expressways in DPR preparation of slope protection measures and land slide management in hill roads (Traditional protection works such as Retaining wall, breast wall, gabion wall shall not be considered) Please mention the slope protection works and land slide management measures used in each project.	15		15	Pg. no.1945-1948 (more than 2 Project)
	< 1 projects-		0		
	1 - 2 projects-		10		
	> 2 projects-		15		
3	Employment with the Firm	5			
	Less than 1 year		0		
	1 year		2		
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks			5	more than 7 yr.
Total (at Scale of 100)		100		100.0	
Total (at Scale of 12)		5		5.00	






Senior Bridge Design Engineer					
Name				Sanjay Mandal	
DOB				20.08.1971	
...	Undertaking From Consulting Firm			Attached	1565
...	Undertaking From the Professional			Attached	1564
S. No.	Description	Max. Points	Sub Points	Points Gained by Key personnel	Page No. & Description
1	Desirable Qualification	30			
	Full Time Graduation in Civil Engineering or Equivalent from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries* For other AICTE approved colleges give 50% marks i.e. 5 marks		10	10	Pg. no. 1567 (BE (Civil) from Ranchi University in 1994)
	Post-Graduation				
	Full Time/Regular Post-Graduation in Structural/Bridge Engineering For PG from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries give* [For other AICTE Approved colleges give 50% marks i.e. 7.5 marks]		20	20	Pg. no. 1568- Master of Technology Structural Engineer, IIT Khargapur - 1997
	Part Time Post Graduation in Construction Management/ Transportation/Highway Engineering for PG from any IIT/NIT/IISC/BITS or other State Government Engineering Collges of Repute or Engineering Colleges of Developed Countries* [For other AICTE Approved colleges give 50% marks i.e. 5 marks]		12		
2	Relevant Experience & Adequacy for the Project	65			
b)	Experience in Bridge Projects				
(i)	Experience in Design/Construction of Bridge	15			
	< 8 years-		0		Pg. no. 1390-1395 (more than 26 Yr.)
	8 - 10 years-		5		
	> 10-12 years-		8		
	12 - 15 years		10		
	For each additional year add 1 marks subject to a maximum			15	
(ii)	Experience of 2/4 lane configuration Bridges	15			
	<2 Projects		0		Pg. no. 1390-1395 (more than 15 project)
	2-4 projects		3		
	5-7 projects		6		
	8-10 projects		9		
	11-13 projects		12		
	For each additional project add 0.5 marks subject to a maximum additional 3 marks			15	
C	Experience as Senior Bridge Engineer or Similar Capacity in Highway Design Consultancy Projects (2/4/6 laning of NH/SH/Expressways) involving design of Major Bridges of minimum 2 nos. of length more than 100m)	35			
	<2 numbers		0		Pg. no. 1390-1395 (more than 20 numbers)
	2-4 numbers		10		
	5-6 numbers		15		
	7-8 numbers		20		
	9-10 numbers		25		
	For Design of each additional project add 1 mark subject to a maximum additional of 10 marks			35	
3	Employment with the Firm	5			
	Less than 1 year		0		more than 10 years
	1 year		2		
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks			5.0	
Total (at Scale of 100)		100		100.0	
Total (at Scale of 12)		8		8.00	

Quantity Surveyor Docs Expert					
	Name		Prabhat Biswas		
	DOB		24.02.1973		
...	Undertaking From Consulting Firm			Attached	2207
...	Undertaking From the Professional			Attached	2206
S. No.	Description	Max. Points	Sub Points	Points Gained by Key personnel	Page No. & Description
1	Desirable Qualification	25			
i)	Full Time Graduation in Civil Engineering. For Graduation from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries give full marks. For other AICTE approved colleges give 50% marks i.e. 5 marks		15	15	Pg. no. 2209 BE (Civil) from University of Calcutta in 1995
ii)	Full Time Post Graduate Degree or Diploma in Quantity Surveying [AICTE/UGC approved]		10		
2	Relevant Experience & Adequacy for the Project	70			
	Total Professional Experience	15			
a)	< 10 years-		0	15	Pg. no. 2135- 2139 (more than 15 Yrs.)
	10 - 12 years-		11		
	> 12-15 years-		13		
	> 15 years		15		
b)	Experience in Highway Projects - Experience in preparation of Bill of Quantities, Contract document and documentation for major highway projects (2/4/6 laning of NH/SH/Expressways) in Assistant Quantity Surveyor capacity or Higher Designation	25		25.0	Pg. no. 2135- 2139 (more than 20 Yrs.)
	< 8 years-		0		
	8 - 10 years-		12.5		
	> 10-12 years-		15		
	> 12-15 years-		17.5		
	> 15-18 years-		20		
	> 18-20 years-		22.5		
	> 20 years		25		
c)	Experience as Quantity Surveyor or in similar capacity in Highway Projects (2/4/6 laning of NH/SH/Expressways) (Minimum Aggregate length of 120 km). Consider full length experience in Quantity Surveyor or in similar capacity and consider 2/3 length experience in case of Assistant Quantity Surveyor or in similar capacity	30		30	More than 800 km
	< 120 km-		0		
	120 km-200km-		15		
	> 200km-300km-		17.5		
	> 300km- 400 km		20		
	>400 km-500km		22.5		
	>500 km-600km		25		
	>600 km add 2.5 marks for each additional 100 km length subject to max. 5 points additional marks		30		
3	Employment with the Firm	5			
	Less than 1 year		0	5	More than 5 Yrs.
	1 year		2		
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks		5		
Total (at Scale of 100)		100		90.0	
Total (at Scale of 12)		2		1.80	

Land Acquisition Expert					
	Name	Suresh Kumar Gupta			
	DOB	01.05.1962			
...	Undertaking From Consulting Firm	Attached		2258	
...	Undertaking From the Professional	Attached		2257	
S. No.	Description	Max. Points	Sub Points	Points Gained by Key personnel	Page No. & Description
1	Desirable Qualification	25			
	Graduation or equivalent in any discipline		20	20	Pg. no. 2260 MA from University of Allahabad in 1984
	Post Graduation in law		5		Graduation in Law claimed
2	Relevant Experience & Adequacy for the Project	70			
a)	Total Professional Experience	15			
	< 15 years-		0		
	15 - 17 years-		11		
	> 17-20 years-		13		
	> 20 years		15		
a)	Experience in Land Acquisition works of Government/Authority	20			
	< 10 years-		0		
	10 - 12 years-		15		
	> 12 - 15 years-		17		
	> 15 years		20		
c)	Experience in Land Acquisition works in Highway/road sector	25			
	Nil Project		0		
	1 Projects		19		
	2 Projects		22		
	3 Projects		25		
d)	Retired Revenue Officer at the level of ADM/SDM	10		10	Retd as SDM
3	Employment with the Firm	5			
	Less than 1 year		0		
	1 year		2		
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks		5		
Total (at Scale of 100)		100		90.0	
Total (at Scale of 12)		4		3.60	

Utility Expert					
	Name	Ramesh Veli			
	DOB	05.09.1968			
...	Undertaking From Consulting Firm	Attached		2294	
...	Undertaking From the Professional	Attached		2293	
S. No.	Description	Max. Points	Sub Points	Points Gained by Key personnel	Page No. & Description
1	General Qualification	25			
	Full Time Graduation in Electrical Engineering. For Graduation from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries give full marks For other colleges give 50% marks i.e. 12.50 marks		25	25	Pg. no. 2296 BE (Electrical and Instrumentation) from Dr. Bhimrao Ambedkar Univeristy in 2002
2	Relevant Experience & Adequacy for the	70			
a)	Total Professional Experience	15			
	<10 Years		0	15	Pg. no. 2267-2268 more than 22 Yrs.
	10-15 Years		11		
	> 15-20 Years		13		
	> 20 Years		15		
b)	Experience in Utility Estimation and its laying /erection	30			
	< 8 years-		0	27.5	Pg. no. 2268 22 years
	8 - 10 years-		15		
	> 10-15 years-		17.5		
	> 15-20 years		22.5		
	> 20-25 years		27.5		
	> 25 years		30		
c	Experience in Utility shifting estimation and its laying/erection along Highway/roads	25			
	Nil Project		0	25	Pg. no. 2268 More than 06 projects
	1-3 project		15		
	4-6 project		20		
	> 6 project		25		
3	Employment with the Firm	5			
	Less than 1 year		0	0.0	Nil
	1 year		2		
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks				
Total (at Scale of 100)		100		92.5	
Total (at Scale of 12)		2		1.85	

Evaluation of RFP : TECHNICAL BID						
Name of work:		Consultancy Services for preparation of Detailed Project Report for Bhopal-Indore green field corridor (Part of Vision 2047) in the state of MP (Tender ID: 2024_NHAI_216849_1)				
NIT Date: 28/11/2024						
GENERAL DETAILS OF BID RECEIVED AS PER NIT						
A. Estimated cost of the work	751.74	Lakhs		F. Pre-Bid Meeting :	20-12-2024	Time :
B. Validity period of Bid:	120	Days		G. BID Due Date:	14.01.2025	Time :
C. Period of Completion : as per point no. 3 of DATA Sheet in days : (As per RFP)	365	Days		H. Date of opening of Technical Bid: (Place:)	15.01.2025	Time : 12:00 PM
D. Bid Security (As per of NIT)	NIL	BG		I. No. of bids Up-loaded:	5	Nos
E. Validity Period of Bid Security : No. of Days	NA	Days		J. No. of bids Down-	5	Nos
				K. No. of bids Not-	0	Nos
				L. Reason of Not-Downloaded Bids:	NA	
STAGE-1: PROOF OF ELIGIBILITY						
Details required as per RFP			Details furnished by bidder			Page No.
1	Name of bidder (Forwarding letter for Proof of Eligibility in the Form-E1)		L N MALVIYA INFRA PROJECTS PVT. LTD. In association with HIGHWAY ENGINEERING CONSULTANT			8-10
2	Type of firm (Sole/ JV/ Association)		Association			
3	Registration certificate		Bhopal			Page no.47
4	Place of registration		Bhopal			Page no.47
5	Share of partner in case of JV		M/s Highway Engineering Consultant (Associate Partner) (75/25)			Page no. 24-25
6	Power of Attorney as per clause 1.8.1(i) of LOI		Furnished			Page no. 27-28
7	GST Registration		Furnished			Page no. 1053
8	Tender Fee of an Amount 5000		Yes			Page no. 5
9	In case of joint venture proposal shall be accompanied by MOU		NA			
10	INTEGRITY PACT as per format T 13		Yes			Page no. 1135-1140
11	A Consultant is required to submit along with its Technical Proposal, a self- certification that the services offered meets the local content requirement for 'Class-I Local supplier'/'Class-II Local Supplier' as the case may be as per cl 1.8.5 of LOI		Yes			Page no. 12
12	Proof of eligibility as per clause 3.1.1(i) of LOI		Furnished with proof of Eligibility form E-1 to E3			Page no. 8- 264
13	UNDERTAKING for any litigation history/arbitration		Furnished Undertaking			Page no. 264
14	Technical Proposal		Furnished with Technical Proposal form T-1 to T-12			T1- to T12 Pg no. 295-1134 and T 11 Pg no. 1141-926
15	Average Annual turnover of firm of last Five year is more than or equal to 5 Cr Submitted in form of E-3		More than 5 Cr. Furnished			Page no. 244-246
16	Firm should have experience of preparation of DPR/feasibility of 2/4/6 lane of aggregate length as given below. The firm should have also prepared DPR/Feasibility of at least one project of 2/4/6 laning of minimum length as indicated below in last 7 years Submitted in form of E-2/T-3.					
	Package No.	Minimum aggregate length required of DPR/feasibility		Minimum length of eligible project(2/4/6 lane)		
	Consultancy Services for preparation of Detailed Project Report for Bhopal-Indore green field corridor (Part of Vision 2047) in the state of M	DPR/Feasibility = Tentative length (160 Km)		DPR=0.4x Tentative length (64.00 Km)	(OR) Feasibility=0.6x Tentative length (96.00)	
i	Sole	Package No. as per Form E-2 (Pg. no. 299) (Page No. 1142-969) 1156 (0.4) & 1171 (0.6)	More than 160km	More than 64 km	Na	
ii	Other	Page No. 182				
	Total Length		More than 160km	More than 64 km	Na	
17	Residual Bid Capacity R=CLxTF-RP As per clause 3.1.3 of LOI = 160 km		More than 160km			
Yes, Firm is Eligible for Technical Evaluation (STAGE-2)						






STAGE-2: TECHNICAL EVALUATION			
L N MALVIYA INFRA PROJECTS PVT. LTD. In association with HIGHWAY ENGINEERING CONSULTANT			
Sr.No.	Description	Form	Page No.
1	Forwarding Letter	T 1	296
2	Details of Projects for which TechnicalProposals have been submitted	T 2	298
3	Firm's Experience	T 3/E 2	299-390
4	Site Appreciation	T 4	391-392
5	Composition of the proposed team and task assignment	T 5	393-395
6	Proposed methodology	T 6	396-402
7	Material Testing lab facilities	T 7	403-478
8	Facility for field investigation and testing	T 8	479-483
9	Details of Office Equipments	T 9	510-557
10	CV's of Key Personnels	T 10	648-653 & 656-1104
	A. Team Leader cum senior Highway Engineer		657-696
	B. Senior Bridge Enginner		799-835
	C. Highway cum Pavement Engineer		697-798
	D. Material Engineer cum Geo Technical Engineer - Geologist		836-864
	E. Traffic and Safety Expert		865-953
	F. Senior Survey Engineer		954-975
	G. Environmental Specialist		976-1006
	H. Quantity Surveyor/Documentation Expert		1007-1070
	I. Land Acquisition Expert		1071-1085
	J. Utility Expert		1086-1104
11	Residual Bid Capacity	T 11	1141-1148
12	Complaice Certificate with GFR rules	T 12	1132-1133
13	INTEGRITY PACT	T 13	1135--1140

M/s L N MALVIYA INFRA PROJECTS PVT. LTD. In association with HIGHWAY
ENGINEERING CONSULTANT

Detailed Technical Evaluation Summary

S. No.	Description	Max. Points as per RFP	Points Obtained by Firm
A1	A1 Firm's Profile, turnover and professionals working with the firm (10)	10	9.00
A2	Firm's relevant experience in last 7 years for DPR work	30	30.00
B1	Material testing, survey & investigation, equipment and software proposed to be used	5	5.00
B2	Experience in use of technology for road inspection in supervision work/quality/safety audit	5	5.00
D (CV)	Qualification and Relevant experience of the proposed Key Personnel	50	44.42
	Total	100.0	93.42



[A-1] Firm's Profile, turnover and professionals working with the firm (10)

S. No.	Description	Max. Points	Sub Points	Points Gained	Page No. & Description
1	Nos. of Key Professionals with the firm for more than 1 years*	5			
1.1	<10		0	5	More than 60 Page No.649-653
1.2	>10 but ≤ 25		1.5		
1.3	>25 but ≤ 40		2.5		
1.4	> 40 but ≤ 60		3.5		
1.5	> 60		5		
Note* The key professionals who possess degree in Civil Engineering/Transport Planning /Transport Economics/Traffic Management/ Geology/ Environment Science or Engineering and 8 years' experience in highway/bridge /tunnel with employment in the firm for more than one year. The current Employment Certificate shall be uploaded by Key Personnel on INFRACON. These Key-Personnel should be inclusive of at least 3 Sr Highway Design Engineer, 2 Senior Pavement/material Specialist, 2 Senior Bridge design Engineer, 2 geotechnical Engineer and 2 Traffic/Road Safety Expert on employee roll at Head Office or Site Office of the Consultant to be eligible for marks in this criteria.			10		
2	Specific experience of firms in terms of turnover in last five (5) Financial Years	5		4	212.51 Cr. Page No. 245-262
2.1	Firm's Average Turnover of last 5 years >250 crore		5		
2.2	Firm Average Turnover of last 5 years 50 - 250 crore		4		
2.3	Firm Average Turnover of last 5 years - >5 but < 50 crore		3.5		
Total Marks		10		9	

Firm's relevant experience in last 7 years					
S. No.	Description	Max. Points	Sub Points	Points Gained	Page No. & Description
1	Specific experience of the DPR consultancy related to the assignment for eligibility	30			
1.1	Aggregate Length of DPR / Feasibility study of 2/4/ 6 lane projects	10			
1.1.1	More than the indicative Length of the package applied for		3.5		
1.1.2	More than 2 times the indicative length of the package applied for		4.5		
1.1.3	More than 3 times the indicative length of the package applied for		5		
1.1.4	More than 4 times the indicative length of the package applied for		6.5		
1.1.5	More than 5 times the indicative length of the package applied for		10		
1.1.6	More than 5 times the indicative length of the package applied for				
1.2	DPR for 2/4/6 laning projects each equal to or more than 40% of indicative length of a package applied for (or Feasibility Study for 2/4/6 laning projects each equal to or more than 60% of indicative length of a package applied for)	15			
1.2.1	1 project		7.5		
1.2.2	2 projects		9		
1.2.3	3 projects		11		
1.2.4	4 projects		12.5		
1.2.5	> 5 projects		15		
2	DPR of Major Bridges/ROBs/Viaducts having length more than 1000m (excluding approaches)	5			
2.1	2 Bridge		4		
2.2	3 Bridges		4		
2.3	4 Bridges		5		
2.4	≥5 Bridges		5		
Total Marks				30	






B-1 Material testing, survey & investigation, equipment and software proposed to be used

S. No.	Description	Max. Points	Sub Points	Points Gained	Page No. & Description
1	Availability of Material testing Facilities with persons/resources having operational skills of the equipment	0.75		0.75	Page No. 403-478
1.1	Owned** (Available In House) or Outsourced (Hire basis/Through Associate) supported by MOU / lease Agreement		0.75		
1.2	Not Available				
* Shall be ascertained through the ownership evidence uploaded on INFRACON in regard to major equipment required for testing of materials to be used for construction of Highway Project.				0.50	Page No. 479-483
2	Availability of Field Investigation Facilities with persons/resources having operational skills of the equipment	0.5			
2.1	Owned** (Available In House)		0.5		
2.2	Not Available				
** Shall be ascertained through ownership evidence uploaded on INFRACON for construction of Highway Project.					
3	Availability of Office Equipment and Software with persons/ resources having operational skills of the equipment (as per details given below the table)	0.75		0.75	Page No. 510-557
3.1	Owned*** (Available In House) or Outsourced (Hire basis/Through Associate) supported by MOU / lease Agreement		0.75		
3.2	Not Available		0		
*** Shall be ascertained through ownership evidence uploaded on INFRACON for key hardware/software required for Highway consultancy assignment					
4	Experience in use of LiDAR or better technology for topographic survey (Infrastructure sector) in last 7 financial Years	1.25		1.25	484-509 (more than 5 Projects)
4.1	1 project		0.25		
4.2	2 projects		0.5		
4.3	3 projects		0.75		
4.4	4 projects		1		
4.5	≥ 5 projects		1.25		
5	Experience in using GPR and Induction Locator or better technologies for detection of sub-surface utilities (Infrastructure sector) in last 7 Financial Years	1		1.00	Page No. 303-305, 306-307, 308-309, 314 (more than 4 Projects)
5.1	1 project		0.25		
5.2	2 projects		0.50		
5.3	3 projects		0.75		
5.4	≥ 4 projects		1.0		
6	Experience in digitization of cadastral maps for land surveys in last 7 Financial Years	0.75		0.75	Page No. 317 (Total 7295 Ha), aggregate with 1 projects)
6.1	Area upto 100 ha		0.25		
6.2	Area between 100-500 ha		0.5		
6.3	Area > 500 ha		0.75		
Total Marks		5		5	

B2 - Experience in use of technology (5)					
S. No.	Description	Max. Points	Sub Points	Points Gained	Page No. & Description
1	Experience of Aerial LiDAR or equivalent technology for topographic survey (Infrastructure sector) with persons/resources having operational skills of the equipment with the firm Experience through owned or outsourced equipment supported by MOU / lease Agreement	1.5		2	Page No. 512 and 499-500, 501-503, 504-506 (more than 3 Projects)
i	1 Project		0.5		
ii	2 Project		1		
iii	> 2 Project		1.5		
2	Experience of using Geo Physical Survey Equipment (Seismic Reflection / Seismic Refraction / Electrical Resistivity / AEM etc.) for subsurface investigation with the firm through owned or outsourced equipment supported by MOU / lease Agreement	1		1	Page No. 372-374, 380-382, 385-386, 387-388 (more than 2 Projects)
i	1 Project		0.5		
ii	2 Project		1		
3	Experience of use of advanced structural health monitoring systems which consists of accelerometers, Sensors, inclinometers, anemometer, Load measuring pin etc. with software to analyze the data and infer the structural health and residual life. The experience can be through owned or outsourced equipment & software supported by MOU / lease Agreement.	1.5		2	Page No. 303-305, 316-321, 322-324, 325-330 (more than 5 Projects)
i	1-2 Major Bridges		0.5		
ii	3-5 Major Bridges		1		
iii	> 5 Major Bridges		1.5		
4	Availability and experience in Processing of satellite imagery for the creation of Digital Elevation Model (DEM) and Digital Terrain Model (DTM) with the firm through owned or outsourced equipment supported by MOU / lease Agreement	1		1	Page No. 303-305, 316-321, 322-324, 325-330 (more than 2 Projects)
i	1 project		0.5		
ii	2 projects		1		
Total Marks		5		5	



<i>Qualification and Relevant experience of the proposed Key Personnel</i>				
S. No.	Key Person	Name of Key Person	Points as per RFP	Points gained
1	Team Leader cum Senior Highway Engineer	Tulasi Ramanjaneya Prasad	10	8.80
2	Senior Bridge Design Engineer	Manish Karandikar	8	7.60
3	Highway Design Engineer	Deepak Bali	6	5.07
4	Traffic/ Road Signage/ Marking and Safety Expert	Vinod Kumar Sharma(Retd. Govt. Employee)	5	4.50
5	Environmental Specialist	Jayraj Singh	4	3.30
6	Material-cum-Geo-Technical Engineer	Nashid Iqbal Ali (Retd. Govt. Employee)	5	4.50
7	Senior Survey Engineer	Praveen Asati	4	3.80
8	Quantity Surveyor/Documentation Expert	Suman Barua	2	1.69
9	Land Acquisiton Expert	Jeetlal	4	3.60
10	Utility Expert	Arpit Kulshreshtha	2	1.56
Total			50.0	44.4

Team leader cum senior highway engineer					
Name		Tulasi Ramanjaneya Prasad			
DOB		15.06.1961			
...	Undertaking From Consulting Firm	Attached		Pg. no. 683	
...	Undertaking From the Professional	Attached		Pg. no. 682	
S. No.	Description	Max. Points	Sub Points	Points Gained by Key personnel	Page No. & Description
1	Desirable Qualification	25			
	Full Time Graduation in Civil Engineering or Equivalent from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries* For other AICTE approved colleges give 50% marks i.e. 5 marks		10	10	Page No. 685 (Bachelor of Technology (CIVIL) From Nagarjuna University in 1986)
	Post-Graduation				
	Full Time/Regular Post Graduation in Construction Management/ Transportation/Highway Engineering for PG from any IIT/NIT/IISC/BITS or other State Government Engineering Collges of Repute or Engineering Colleges of Developed Countries* [For other AICTE Approved colleges give 50% marks i.e. 7.5 marks]		15	0	Part Time from Jawaharlal Nehru Technological University
	Part Time Post Graduation In Construction Management/ Transportation/Highway Engineering for PG from any IIT/NIT/IISC/BITS or other State Government Engineering Collges of Repute or Engineering Colleges of Developed Countries* [For other AICTE Approved colleges give 50% marks i.e. 5 marks]		10	10	
2	Relevant Experience & Adequacy for the Project	70			
(a)	Total Professional Experience	15			
	<15 years		0	15	Page No. 658-660 (more than 21 Yrs.) 01/04/1989 to 30/07/2022
	15-18 years		11		
	> 18- 21 years		13		
	> 21 years-		15		
b)	Experience in Highway Projects- Experience in Planning, project preparation and design of Highway Projects or Construction Supervision of major highway projects i.e. (2/4/6 laning of NH/ SH/ Expressways) (2/4/6 laning of NH/SH/Expressways)	15			
	< 12 years-		0	15	Page No. 658-660 (more than 18 years)
	12 - 15 years-		10		
	> 15-18 years-		12.5		
	> 18 years		15		
c	Experience in Similar Capacity	40			
(i)	In Feasibility of 2/4/6 laning works or DPR/ of major highway projects i.e. 2/4/6 laning of NH/SH/Expressways in Similar Capacity (Minimum Aggregate length of 80 km)	30			
	< 80km-		0	30	Page No. 659 (More than 600 Km)
	80 km-150km-		17		
	> 150km-250km-		20		
	> 250km- 300 km		23		
	>300 km-400km		26		
	Add 1 point for each additional 50 km subject to max. 4 points				
(ii)	In Feasibility of 2/4/6 laning works or DPR/ of major highway projects i.e. 2/4/6 laning of NH/SH/Expressways in Similar Capacity-Number of Projects in hill roads (Minimum length of 20 km)	10			
	< 1 projects-		0	8	Page No. 659 (6 Projects, S, No. 11, 12, 13, 15, 16, 17)
	1 projects-		4		
	2-3 projects-		6		
	4-6 Projects		8		
	More than 6 projects		10		
3	Employment with the Firm	5			
	< 1 Year		0	0	Only 9 month
	1 year		2		
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks				
Total (at Scale of 100)		100		88.0	
Total (at Scale of 10)		10		8.80	






Senior Bridge Design Engineer					
Name			Manish Karandikar		
DOB			5/7/1969		
...	Undertaking From Consulting Firm		Attached		783
...	Undertaking From the Professional		Attached		784
S. No.	Description	Max. Points	Sub Points	Points Gained by Key personnel	Page No. & Description
1	Desirable Qualification	30			
	Full Time Graduation in Civil Engineering or Equivalent from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries* For other AICTE approved colleges give 50% marks i.e. 5 marks		10	10	Page No. 786 (BE From DAVV Indore in 1991)
	Post-Graduation				
	Full Time/Regular Post Graduation in Construction Management/Transportation/Highway Engineering For PG from any IIT/NIT/IISC/BITS or other State Government Engineering Collges of Repute or Engineering Colleges of Developed Countries*		20	20	Page No. 788 (ME From DAVV Indore in 1995)
	Part Time Post Graduation in Construction Management/Transportation/Highway Engineering for PG from any IIT/NIT/IISC/BITS or other State Government Engineering Collges of Repute or Engineering Colleges of Developed Countries* [For other AICTE Approved colleges give 50% marks i.e. 5 marks]		12		
2	Relevant Experience & Adequacy for the Project	65			
b)	Experience in Bridge Projects	30			
(i)	Experience in Design/Construction of Bridge	15			
	< 8 years-		0		
	8 - 10 years-		5		
	> 10-12 years-		8		
	12 - 15 years		10		
	For each additional year add 1 marks subject to a maximum 5 marks				
(ii)	Experience of 2/4 lane configuration Bridges	15			
	<2 Projects		0		
	2-4 projects		3		
	5-7 projects		6		
	8-10 projects		9		
	11-13 projects		12		
	For each additional project add 0.5 marks subject to a maximum additional 3 marks				
C	Experience as Senior Bridge Engineer or Similar Capacity in Highway Design Consultancy Projects (2/4/6 laning of NH/SH/Expressways) Involving design of Major Bridges of minimum 2 nos. of length more than 100m)	35			
	<2 numbers		0		
	2-4 numbers		10		
	5-6 numbers		15		
	7-8 numbers		20		
	9-10 numbers		25		
	For Design of each additional project add 1 mark subject to a maximum additional of 10 marks				
3	Employment with the Firm	5			
	Less than 1 year		0		
	1 year		2		
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks				
Total (at Scale of 100)		100		95.0	
Total (at Scale of 12)		8		7.60	






Highway Design Engineer					
Name			Deepak Bali		
DOB			20.01.1966		
...	Undertaking From Consulting Firm		Attached	822	
...	Undertaking From the Professional		Attached	823	
S. No.	Description	Max. Points	Sub Points	Points Gained by Key personnel	Page No. & Description (655)
1	Desirable Qualification	25			
	Full Time Graduation in Civil Engineering or Equivalent from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries* For other AICTE approved colleges give 50% marks i.e. 5 marks		10	10	Page no. 825 (BE from Bhopal University 1988 in Civil Engg)
	Post-Graduation				
	Full Time/Regular Post Graduation in Construction Management/ Transportation/Highway Engineering For PG from any IIT/NIT/IISC/BITS or other State Government Engineering Colleges of Repute or Engineering Colleges of Developed Countries* [For other AICTE Approved colleges give 50% marks i.e. 7.5 marks]		15	0	Page no. 826 (Mtech from Bhopal University in 1991 in Material Engg.)
	Part Time Post Graduation in Construction Management/ Transportation/Highway Engineering for PG from any IIT/NIT/IISC/BITS or other State Government Engineering Colleges of Repute or Engineering Colleges of Developed Countries* [For other AICTE Approved colleges give 50% marks i.e. 5 marks]		10		
2	Relevant Experience & Adequacy for the Project	70			
b)	Experience in Design/Pavement Design of Highway projects (2/4/6 laning of NH/ SH/ Expressways)	20			
	< 6 years-		0	20	Page No. 800-801 (More than 15 yrs)
	6 - 10 years-		10		
	> 10-15 years-		15		
	> 15 years		20		
c	Experience in Similar Capacity	50			
(i)	In Design/Pavement Design of Highway Projects 2/4/6 laning of NH/SH/Expressways in Similar Capacity (Minimum Aggregate length of 120 km)	30			
	< 120 km-		0	30	Page No. 800-801 (More than 1000 Km)
	120 km-200km-		10		
	> 200km-300km-		12.5		
	> 300km- 400 km		15		
	>400 km-500km		17.5		
	>500 km-600km		20		
	>600 km-700km		22.5		
	>700 km-800km		25		
	Add 2.5 marks for each additional 100 km length subject to max. 5 points additional marks				
(ii)	In Design/Pavement Design of Highway Projects 2/4/6 laning of NH/SH/Expressways in Similar Capacity - Number of Projects (Minimum length of 25 km)	20			
	< 2 projects -		8	20	more than 10 projects
	3-5 projects-		10		
	>5-8 projects-		12.5		
	>8-10 projects		15		
	>10-15 projects		20		
3	Employment with the Firm	5			
	Less than 1 year		0	4.50	Since 2018
	1 year		2		
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks				
Total (at Scale of 100)		100		84.5	
Total (at Scale of 6)		6		5.07	






Traffic/ Road Signage/ Marking and Safety Expert					
Name				Vinod Kumar Sharma Retd. Govt. Employee)	
DOB				29.09.1960	
...	Undertaking From Consulting Firm			Attached	935
...	Undertaking From the Professional			Attached	936
S. No.	Description	Max. Points	Sub Points	Points Gained by Key personnel	Page No. & Description (743)
1	Desirable Qualification				Page No. 938 (BE from Jodhpur University of in Civil in 1981) not mention nature of full time
	Full Time Graduation in Civil Engineering or Equivalent from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries* For other AICTE approved colleges give 50% marks i.e. 5 marks		10	10	
	Post-Graduation				
	Full Time/Regular Post Graduation in Traffic/Transportation Safety Engineering or equivalent Post-Graduation in Transportation Planning will also be considered provided it is obtained after Graduation in Civil Engineering. For PG from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries give full marks For other AICTE approved colleges give 50% marks i.e. 7.5 marks]		15		
	Part Time Post Graduation in Traffic/Transportation Safety Engineering or equivalent Post-Graduation in Transportation Planning will also be considered provided it is obtained after Graduation in Civil Engineering. For PG from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries give full marks For other AICTE approved colleges give 50% marks i.e. 5 marks]		10	10	Page No. 939 (Masters in Transportation from Malviya Rashtriya Praudyogiki University Jaipur in 2009) Part time since was in service during degree period
2	Relevant Experience & Adequacy for the Project	70			Page-866
b)	Experience on Similar Projects (2/4/6 laning of NH/SH/Expressways in Similar Capacity)	35		35	Page No.-866-870 (more than 25 Yr.)
	< 5 years-		0		
	5 - 8 years-		10		
	> 8-10 years-		15		
	> 10-15 years		20		
	> 15-20 years		25		
	> 20-25 years		30		
	> 25 years		35		
c)	Experience as Traffic and Safety Expert/Traffic Engineer or in Similar Capacity in Highway Projects (2/4/6 laning of NH/SH/Expressways) (Minimum aggregate length 120 km)	35		35	More than 600 km (Project no. 59-64) pg. no. 870
	< 120km-		0		
	120 km-200km-		10		
	> 200km-300km-		15		
	> 300km- 400 km		20		
	> 400 km-500km		25		
	> 500 km-600km		30		
	> 600km		35		
3	Employment with the Firm	5		0	NIL
	Less than Year		0		
	1 year		2		
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks				
Total (at Scale of 100)		100		90.0	
Total (at Scale of 12)		5		4.50	

Environmental Specialist					
Name			Jayraj Singh		
DOB			07.09.1975		
...	Undertaking From Consulting Firm		Attached	994	
...	Undertaking From the Professional		Attached	995	
S. No.	Description	Max. Points	Sub Points	Points Gained by Key personnel	Page No. & Description (805)
1	Desirable Qualification				
	Full Time Graduation Graduate in Civil Engineering/Environment Engineering/Masters in Environment Science from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries* For other AICTE approved colleges give 50% marks i.e. 5 marks	10		10	Page No. 997 BSC & MSc 1997 from Mahatma Gandhi Chitrakoot Gramoday Vishwavidyalay
	Post-Graduation				
	Full Time/Regular Post Graduation or Doctorate in Environmental Engineering/Environment Management or equivalent. For PG from any IIT/NIT/IISC/BITS or other State Government Engineering Colleges of Repute or Engineering Colleges of Developed Countries* [For other AICTE Approved colleges give 50% marks i.e. 7.5 marks]	15		0	
	Part Time Post Graduation or Doctorate in Environmental Engineering/Environment Management or equivalent. For PG from any IIT/NIT/IISC/BITS or other State Government Engineering Colleges of Repute or Engineering Colleges of Developed Countries* [For other AICTE Approved colleges give 50% marks i.e. 5 marks]	10			
2	Relevant Experience & Adequacy for the Project	70			
a)	Total Professional Experience	15			
	< 6 years-		0		
	6 - 8 years-		11	15	Page No. 976-978 (More than 20 yrs)
	> 8-10 years-		13		
	> 10 years		15		
b)	Experience in Highway Project-Experience in Environment impact assessment of Highway Projects (2/4/6 laning of NH/SH/Expressway)	25			
	<5 years		0	25	Page No. 976-978 (More than 10 yrs)
	5-7 years		19		
	> 7-10 years		22		
	> 10 years		25		
	Experience as Environmental Specialist or in Similar Capacity in Highway Projects (2/4/6 laning of NH/SH/Expressways)	15			
c)	< 2 projects		0	15	Page No. 976-978 (More than 7 projects)
	2-4 projects		12		
	5-7 projects		14		
	> 7 projects		15		
d)	Experience as Environmental Specialist or in Similar Capacity in Highway Projects (2/4/6 laning of NH/SH/Expressways)			15	Page No. 976-978 (More than 10 yrs)
	< 5 years		0		
	5-7 years		12		
	>7-10 years		14		
	> 10 years		15		
3	Employment with the Firm	5			
	Less than 1 year		0	2.5	(Since Jan-2022)
	1 year		2		
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks				
Total (at Scale of 100)		100		82.5	
Total (at Scale of 12)		4		3.30	

Material Cum GeoTech Engineer					
Name			Nashid Iqbal Ali (Retd. Govt. Employee)		
DOB			24.05.1960		
...	Undertaking From Consulting Firm			Attached	834
...	Undertaking From the Professional			Attached	835
S. No.	Description	Max. Points	Sub Points	Points Gained by Key personnel	Page No. & Description (856)
1	Desirable Qualification				
	Full Time Graduation in Civil Engineering or Equivalent or M.Sc. in Geology from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries* For other AICTE approved colleges give 50% marks i.e. 5 marks	10		10	Page No. 856 (Bsc From Aligarh Muslim University in 1984 in Civil Engg)
	Post-Graduation				
	Full Time/Regular Post Graduation in Foundation Engineering/Soil Mechanics/Geo Tech Engineering or Phd in Geology. For PG from any IIT/NIT/IISC/BITS or other State Government Engineering Colleges of Repute or Engineering Colleges of Developed Countries give full marks [For other AICTE Approved colleges give 50% marks i.e. 7.5 marks]	15			
	Part Time Post Graduation in Foundation Engineering/Soil Mechanics/Geo Tech Engineering or Phd in Geology. For PG from any IIT/NIT/IISC/BITS or other State Government Engineering Colleges of Repute or Engineering Colleges of Developed Countries give full marks [For other AICTE Approved colleges give 50% marks i.e. 5 marks]	10		10	Page No. 857 (MANIT in 2007 Foundation Engg.) as Deemed University Part time as along with service
2	Relevant Experience & Adequacy for the Project	70			
a)	Total Professional Experience	15			
	< 10 years-		0		
	10 - 12 years-		11	15	Page No. 836-838 (More than 38 Yr.)
	> 12-15 years-		13		
	> 15 years		15		
b)	Experience in Highway Projects - In similar Projects (2/4/6 Laning of NH/SH/Expressways) in design and or Construction/Construction Supervision	20			
	<7 years		0		
	7-10 years		15	20	Page-836-838 More than 15 yr.
	>10-12 years		17.5		
	>12 years		20		
c)	Experience as Material cum Geo-technical Engineer or in Similar capacity on Highway Projects 2/4/6 Laning of NH/SH/Expressways (Minimum Aggregate length of 120 km)	20			
	< 120 km-		0		
	120 km-200km-		15	20	(more than 300 Km)
	> 200km-300km-		17.5		
	> 300km		20		
(ii)	Experience in Similar Capacity on Highway Projects 2/4/6 Laning of NH/SH/Expressways in DPR preparation of slope protection measures and land slide management in hill roads (Traditional protection works such as Retaining wall, breast wall, gabion wall shall not be considered) Please mention the slope protection works and land slide management measures used in each project.	15			
	< 1 projects -		0		
	1 - 2 projects-		10	15	more than 2 project Pg. no. 836-838
	> 2 projects-		15		
3	Employment with the Firm	5			
	Less than 1 year		0		
	1 year		2	0	Nil
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks				
Total (at Scale of 100)		100		90.0	
Total (at Scale of 12)		5		4.50	

Senior Survey Engineer					
Name				Praveen Asati	
DOB				09.03.1974	
...	Undertaking From Consulting Firm			Attached	963
...	Undertaking From the Professional			Attached	964
S. No.	Description	Max. Points	Sub Points	Points Gained by Key personnel	Page No. & Description (726)
1	Desirable Qualification	25			
	Full Time Diploma in Civil Engg. or Diploma in surveying or equivalent from any Central/State Government Engineering College of Repute or Engineering Colleges of Developed Countries* For other govt. approved colleges give 75% marks i.e.13.5 marks	18		0	Page No. 966 BE in Civil Engg. From Nagpur University, Nagpur in 2003)
	Full Time/Part Time Graduation in Civil Engineering from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries* For other govt. approved colleges give 75% marks i.e.18.75 marks	25		25	
2	Relevant Experience & Adequacy for the Project	70			
a)	Total Professional Experience	15			Page No. 955 (More than 15 year)
	< 10 years		0	15	
	10-12 years		11		
	> 12 - 15 years		13		
	> 15 years		15		
b)	Experience in Highway Projects	25			Page No. 955 (more than 12 Yrs)
i)	Experience in similar projects (2/4/6 laning of NH/SH/Expressways) in project preparation/ construction/construction supervision	20		20	
	< 8 years-		0		
	8 - 10 years-		15		
	> 10-12 years-		17		
	> 12 years		20		
ii)	Knowledge and understanding of modern computer based method of surveying such as LIDAR survey (ground or aerial), remote sensing, GIS mapping etc. Certificate from an accredited institute to be submitted for validation	5		0	No certificate submitted
	Yes		5		
	No		0		
C	Experience as Survey Engineer or in Similar Capacity for project preparation of highway project (2/4/6 laning of NH/SH/Expressways) (Minimum Aggregate length of to 120km)	30			Page No. 955 (>500 Km)
	< 120 km-		0	30	
	120 km-200km-		10		
	> 200km-300km-		15		
	> 300km- 400 km		20		
	> 400 km-500km		25		
	> 500 km		30		
3	Employment with the Firm	5			5 Since 2019
	Less than 1 year		0	5	
	1 year		2		
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks				
Total (at Scale of 100)		118		95.0	
Total (at Scale of 12)		4		3.80	

Quantity Surveyor Docs Expert					
Name DOB			Suman Barua 18.05.1972		
...	Undertaking From Consulting Firm			Attached	1040
...	Undertaking From the Professional			Attached	1041
S. No.	Description	Max. Points	Sub Points	Points Gained by Key personnel	Page No. & Description (1007)
1	Desirable Qualification	25			
i)	Full Time Graduation in Civil Engineering. For Graduation from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries give full marks. For other AICTE approved colleges give 50% marks i.e. 5 marks		15	15	Page No. 1044 (B.E From MITS Gwalior in 1995)
ii)	Full Time Post Graduate Degree or Diploma in Quantity Surveying [AICTE/UGC approved]		10	0	Mtech In environment Engineering
2	Relevant Experience & Adequacy for the Project	70			
	Total Professional Experience	15			
a)	< 10 years-		0		
	10 - 12 years-		11	15	Page-1007-1010 (More than 15 Yrs)
	> 12-15 years-		13		
	> 15 years		15		
b)	Experience in Highway Projects - Experience in preparation of Bill of Quantities, Contract document and documentation for major highway projects (2/4/6 laning of NH/SH/Expressways) in Assistant Quantity Surveyor capacity or Higher Designation	25			
	< 8 years-		0		
	8 - 10 years-		12.5	22.50	Page-1007-1010 (19Y 9M)
	> 10-12 years-		15		
	> 12-15 years-		17.5		
	> 15-18 years-		20		
	> 18-20 years-		22.5		
	> 20 years		25		
c)	Experience as Quantity Surveyor or in similar capacity in Highway Projects (2/4/6 laning of NH/SH/Expressways) (Minimum Aggregate length of 120 km). Consider full length experience in Quantity Surveyor or in similar capacity and consider 2/3 length experience in case of Assistant Quantity Surveyor or in similar capacity	30			
	< 120 km-		0		
	120 km-200km-		15	30	More than 1000 km
	> 200km-300km-		17.5		
	> 300km- 400 km		20		
	>400 km-500km		22.5		
	>500 km-600km		25		
	>600 km add 2.5 marks for each additional 100 km length subject to max. 5 points additional marks		30		
3	Employment with the Firm	5			
	Less than 1 year		0		
	1 year		2	2	(Since May-23)
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks		5		
Total (at Scale of 100)		100		84.5	
Total (at Scale of 12)		2		1.69	

Land Acquisition Expert					
Name			Jeetlal		
DOB			24.08.1962		
...	Undertaking From Consulting Firm			Attached	1081
...	Undertaking From the Professional			Attached	1082
S. No.	Description	Max. Points	Sub Points	Points Gained by Key personnel	Page No. & Description (1071)
1	Desirable Qualification	25			
	Graduation or equivalent in any discipline		20	20	Page No. 1080 (BA from Allahabad University in 1985)
	Post Graduation in law		5	0	
2	Relevant Experience & Adequacy for the Project	70			
a)	Total Professional Experience	15			
	< 15 years-		0		
	15 - 17 years-		11		
	> 17-20 years-		13		
	> 20 years		15		
a)	Experience in Land Acquisition works of Government/Authority	20			
	< 10 years-		0		
	10 - 12 years-		15		
	> 12 - 15 years-		17		
	> 15 years		20		
c)	Experience in Land Acquisition works in Highway/road sector	25			
	Nil Project		0		
	1 Projects		19		
	2 Projects		22		
	3 Projects		25		
d)	Retired Revenue Officer at the level of ADM/SDM Tehsildar	10		10	(Retd. Officer as LA Expert)
3	Employment with the Firm	5			
	Less than 1 year		0		
	1 year		2		
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks		5		
Total (at Scale of 100)		100		90.0	
Total (at Scale of 12)		4		3.60	

Utility Expert					
Nmae			Arpit Kulshreshtha		
DOB			20.03.1984		
...	Undertaking From Consulting Firm			Attached	1098
...	Undertaking From the Professional			Attached	1099
S. No.	Description	Max. Points	Sub Points	Points Gained by Key personnel	Page No. & Description (1086)
1	General Qualification	25			
	Full Time Graduation in Electrical Engineering. For Graduation from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries give full marks For other colleges give 50% marks i.e. 12.50 marks		25	12.5	Page No. 1101 (BE in Electrical Electronic from TITS, Bhopal in 2006) pvt. College
2	Relevant Experience & Adequacy for the Project	70			
a)	Total Professional Experience	15			
	<10 Years		0	13.0	Page No. 1101 (19years)
	10-15 Years		11		
	> 15-20 Years		13		
	> 20 Years		15		
b)	Experience in Utility Estimation and its laying /erection	30			
	< 8 years-		0	22.5	Page No. 1101 (Total 17 Yrs)
	8 - 10 years-		15		
	> 10-15 years-		17.5		
	> 15-20 years		22.5		
	> 20-25 years		27.5		
	> 25 years		30		
C	Experience in Utility shifting estimation and its laying/erection along Highway/roads	25			
	Nil Project		0	25.0	(Total 10 projects)
	1-3 project		15		
	4-6 project		20		
	> 6 project		25		
3	Employment with the Firm	5			
	Less than 1 year		0	5.0	more than 5 yrs (Since June 2009)
	1 year		2		
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks				
Total (at Scale of 100)		100		78.0	
Total (at Scale of 12)		2		1.56	

Evaluation of RFP : TECHNICAL BID					
Name of work: Consultancy Services for Consultancy Services for preparation of Detailed Project Report for Bhopal-Indore green field corridor (Part of Vision 2047) in the state of MP (Tender ID: 2024_NHAI_216849_1)					
NIT Date: 28/11/2024					
GENERAL DETAILS OF BID RECEIVED AS PER NIT					
A. Estimated cost of the work	751.74	Lakhs		F. Pre-Bid Meeting :	20-12-2024 Time : 03:00 PM
B. Validity period of Bid:	120	Days		G. BID Due Date:	14.01.2025 Time : 11:00 AM
C. Period of Completion : as per point no. 3 of DATA Sheet in days : (As per RFP)	365	Days		H. Date of opening of	15.01.2025 Time : 12:00 PM
D. Bid Security (As per of NIT)	Nil	BG		I. No. of bids Up-loaded:	5 Nos
E. Validity Period of Bid Security : No. of Days	NA	Days		J. No. of bids Down-loaded:	5 Nos
				K. No. of bids Not-	0 Nos
				L. Reason of Not-Downloaded	NA
STAGE-1: PROOF OF ELIGIBILITY					
Details required as per RFP		Details furnished by bidder		Page No.	
1	Name of bidder (Forwarding letter for Proof of Eligibility in the Form-E1)	A/CONS ENGINEERING Pvt. Ltd. in JV with MSV International Inc. and Association with Nitya Nayra Civil Solutions Pvt. Ltd. (BID ID 799500)		Pg. no. A1 (107) and (10, 12 & 14-15)	
2	Type of firm (Sole/ JV/ Association)	JV & Association		Pg. no. A1 (14-15)	
3	Registration certificate	Lead Partner	A/CONS Engineering Pvt. Ltd. (Furnished)	A1 (28)	
		JV Partner	MSV International Inc. (Furnished)	A1 (50)	
		Associate Partner	Nitya Nayra Civil Solutions Pvt. Ltd. (Furnished)	A1 (76)	
4	Place of registration	Lead Partner	Bhopal	A1 (28)	
		JV Partner	State of Washington	A1 (60)	
		Associate Partner	Bhopal	A1 (76)	
5	Share of partner in case of JV	Lead Partner	38%	A1(14)	
		JV Partner	37%		
		Associate Partner	25%		
6	Power of Attorney as per clause 1.8.1(i) of LOI	Mr. Vinay Mishra (Furnished)		A1 (16-26)	
7	GST Registration	Lead Partner	Furnished	A1 (30)	
		JV Partner	Furnished	A1 (63)	
		Associate Partner	Furnished		
8	Tender Fee of an Amount 5000	Furnished		A1 (7)	
9	In case of joint venture proposal shall be accompanied by MOU	YES		A1 (14-15)	
10	INTEGRITY PACT as per format T 13	Furnished		A4 (926-932)	
11	A Consultant is required to submit along with its Technical Proposal, a self- certification that the services offered meets the local content requirement for 'Class-I Local supplier'/'Class-II Local Supplier' as the case may be as per cl 1.8.5 of LOI	Furnished		A4 (933-936)	
12	Proof of eligibility as per clause 3.1.1(i) of LOI	Furnished with proof of Eligibility form E-1 to E3		A-1 (105-299)	
13	UNDERTAKING for any litigation history/arbitration	Furnished			
14	Technical Proposal	Furnished with Technical Proposal form T-1 to T-12			
15	Average Annual turnover of firm of last Five year is more than or equal to 5 Cr Submitted in form of E-3 Pg. no. A1 (301-312 & 313-424)	Sole	Minimum 5.00 Cr.	NA	NA
		Lead Partner	Minimum 3.75 Cr.	11.93 Cr.	A1 (302)
		JV Partner	Minimum 2.5 Cr.	142.16 Cr.	A1 (314)
16	Firm should have experience of preparation of DPR/feasibility of 2/4/6 lane of aggregate length as given below. The firm should have also prepared DPR/Feasibility of at least one project of 2/4/6 laning of minimum length as indicated below in last 7 years Submitted in form of E-2/T-3 Pg. No. 64-393				
Package No.		Minimum aggregate length required of DPR/feasibility		Minimum length of eligible project(2/4/6 lane)	
Consultancy Services for preparation of Detailed Project Report for Bhopal-Indore green field corridor (Part of Vision 2047) in the state of MP		DPR/Feasibility = Tentative length 160 Km Lead - 120km Other - 80 km		DPR=0.4x Tentative length (64 Km) Lead - 48 km Other - 32 km	(OR) Feasibility=0.6x Tentative length (96 Km) Lead - 72 km Other - 48 km
i	Lead Pg-113-116 (A1)	More than 120km		More than 48 km	
ii	Other Pg-219 (A1)	More than 80 km		More than 32 km	
Total Length		More than 160 km		More than 64 km	
17	Residual Bid Capacity R=CLxTF-RP As per clause 3.1.3 of LOI = 160 km	JV > 160 km. Lead> 120 km Other >80 km and hence in order			
Yes, Firm is Eligible for Technical Evaluation (STAGE-2)					

STAGE-2: TECHNICAL EVALUATION

AICONS ENGINEERING Pvt. Ltd. in JV with MSV International Inc. and Association with Nitya Nayra Civil Solutions Pvt. Ltd. (BID ID 799500)

Sr.No.	Description	Form	Page No.
1	Forwarding Letter	T 1	A2 (9-10)
2	Details of Projects for which TechnicalProposals have been submitted	T 2	A2 (11)
3	Firm's Experience	T 3/E 2	A2 (12-113) & (114-202)
4	Site Appreciation	T 4	A2 (203-206)
5	Composition of the proposed team and task assignment	T 5	A2 (207-211)
6	Proposed methodology	T 6	A2 (212-217)
7	Material Testing lab facilities	T 7	A2 (218-225)
8	Facility for field investigation and testing	T 8	A2 (226-587)
9	Details of Office Equipments	T 9	A2 (588-741)
10	CV's of Key Personnels	T 10	A3 (1-2)
	Team Leader cum senior Highway Engineer		A3 (4-144)
	Senior Bridge Enginner		A3 (145-165)
	Highway cum Pavement Engineer		A3 (166-179)
	Material Engineer cum Geo Technical Engineer-Geologist		A3 (225-242)
	Traffic and Safety Expert		A3 (180-212)
	Senior Survey Engineer		A3 (243-262)
	Environmental Specialist		A3 (212-224)
	Quantity Surveyor/Documentation Expert		A3 (263-293)
	Land Acquisition Expert		A3 (294-307)
	Utility Expert		A3 (308-341)
11	Residual Bid Capacity	T 11	A4 (1) and (918-921)
12	Complaice Certificate with GFR rules	T 12	A4 (922-925)
13	INTEGRITY PACT	T 13	A4 (926-932)

AICONS ENGINEERING Pvt. Ltd. in JV with MSV International Inc. and Association with Nitya Nayra Civil Solutions Pvt. Ltd. (BID ID 799500)

Detailed Technical Evaluation Summary

S. No.	Description	Max. Points As per RFP	Points Obtained by Firm
A1	A1 Firm's Profile, turnover and professionals working with the firm (10)	10	9.00
A2	Firm's relevant experience in last 7 years for DPR work	30	30.00
B1	Material testing, survey & investigation, equipment and software proposed to be used	5	5.00
B2	Experience in use of technology for road inspection in supervision work/quality/safety audit	5	3.50
D (CV)	Qualification and Relevant experience of the proposed Key Personnel	50	43.83
Total		100.0	91.33



[A-1] Firm's Profile, turnover and professionals working with the firm (10)					
S. No.	Description	Max. Points	Sub Points	Points Gained	Page No. & Description
1	Nos. of Key Professionals with the firm for more than 1 years*	5			
1.1	<10		0		A4 (4-5) 58- Key Personnel in Lead Partner Pg. no. A4 (598-604) 114 Key Personnel in JV Partner
1.2	>10 but ≤ 25		1.5		
1.3	>25 but ≤ 40		2.5		
1.4	> 40 but ≤ 60		3.5		
1.5	> 60		5	5	
	Note* The key professionals who possess degree in Civil Engineering/Transport Planning /Transport Economics/Traffic Management/ Geology/ Environment Science or Engineering and 8 years' experience in highway/bridge /tunnel with employment in the firm for more than one year. The current Employment Certificate shall be uploaded by Key Personnel on INFRACON. These Key-Personnel should be inclusive of at least 3 Sr Highway Design Engineer, 2 Senior Pavement/material Specialist, 2 Senior Bridge design Engineer, 2 geotechnical Engineer and 2 Traffic/Road Safety Expert on employee roll at Head Office or Site Office of the Consultant to be eligible for marks in this criteria.		10		
2	Specific experience of firms in terms of turnover in last five (5) Financial Years	5			Pg. no. A1 (302 & 314) (Lead & JV) Rs. 11.93 Cr. & Rs. 142.16 Cr.
2.1	Firm's Average Turnover of last 5 years >250 crore		5		
2.2	Firm Average Turnover of last 5 years 50 - 250 crore		4	4	
2.3	Firm Average Turnover of last 5 years - >5 but < 50 crore		3.5		
	Total Marks	10		9	

Firm's relevant experience in last 7 years					
S. No.	Description	Max. Points	Sub Points	Points Gained	Page No. & Description
1	Specific experience of the DPR consultancy related to the assignment for eligibility	30			
1.1	Aggregate Length of DPR / Feasibility study of 2/4/ 6 lane projects	10			Pg. no. A1 (109-299) more than 6 times A2 (12-202) detailed project list
1.1.1	More than the indicative Length of the package applied for		3.5		
1.1.2	More than 2 times the indicative length of the package applied for		4.5		
1.1.3	More than 3 times the indicative length of the package applied for		5		
1.1.4	More than 4 times the indicative length of the package applied for		6.5		
1.1.5	More than 5 times the indicative length of the package applied for		8.5		
1.1.6	More than 6 times the indicative length of the package applied for		10	10	
1.2	DPR for 2/4/6 laning projects each equal to or more than 40% of indicative length of a package applied for (or Feasibility Study for 2/4/6 laning projects each equal to or more than 60% of indicative length of a package applied for)	15			Pg. no. A1 (107-299) More than 5 Project A2 (12-202) detailed project list
1.2.1	1 project		7.5		
1.2.2	2 projects		9		
1.2.3	3 projects		11		
1.2.4	4 projects		12.5		
1.2.5	> 5 projects		15	15	
2	DPR of Major Bridges/ROBs/Viaducts having length more than 1000m (excluding approaches)	5			Pg. no. A1 (427-526) More than 5 Bridges
2.1	2 Bridge		4		
2.2	3 Bridges		4		
2.3	4 Bridges		5		
2.4	≥5 Bridges		5	5	
	Total Marks	30		30.00	



B-1 Material testing, survey & investigation, equipment and software proposed to be used

S. No.	Description	Max. Points	Sub Points	Points Gained	Page No. & Description
1	Availability of Material testing Facilities with persons/resources having operational skills of the equipment	0.75			Pg. no. A2 (218-225) (Material Testing Facility) & A2 (591-741) Invoices
1.1	Owned** (Available In House) or Outsourced (Hire basis/Through Associate) supported by MOU / lease Agreement		0.75	0.75	
1.2	Not Available				
* Shall be ascertained through the ownership evidence uploaded on INFRACON in regard to major equipment required for testing of materials to be used for construction of Highway Project.					
2	Availability of Field Investigation Facilities with persons/resources having operational skills of the equipment	0.5			Pg. no. A2 (226-230) (Facility for Field Investigation and Testing) & A2 (591-741) Invoices
2.1	Owned** (Available In House)		0.5	0.5	
2.2	Not Available				
** Shall be ascertained through ownership evidence uploaded on INFRACON for construction of Highway Project.					
3	Availability of Office Equipment and Software with persons/ resources having operational skills of the equipment (as per details given below the table)	0.75			Pg. no. A2 (588-590 & 591-741) List of Equipment and Invoices
3.1	Owned*** (Available In House) or Outsourced (Hire basis/Through Associate) supported by MOU / lease Agreement		0.75	0.75	
3.2	Not Available		0		
*** Shall be ascertained through ownership evidence uploaded on INFRACON for key hardware/software required for Highway consultancy assignment					
4	Experience in use of LiDAR or better technology for topographic survey (Infrastructure sector) in last 7 financial Years	1.25			Pg. no. A2 (231-309) (LiDAR topographic survey) more than 5 Project
4.1	1 project		0.25		
4.2	2 projects		0.5		
4.3	3 projects		0.75		
4.4	4 projects		1		
4.5	≥ 5 projects		1.25	1.25	
5	Experience in using GPR and Induction Locator or better technologies for detection of sub-surface utilities (Infrastructure sector) in last 7 Financial Years	1			Pg. no. A2 (310-379) (Geo Physical detail) more than 4 project
5.1	1 project		0.25		
5.2	2 projects		0.50		
5.3	3 projects		0.75		
5.4	≥ 4 projects		1.0	1	
6	Experience in digitization of cadastral maps for land surveys in last 7 Financial Years	0.75			Pg. no. A2 (380-456) (Digitization & cadastral map detail) more than 500 ha.
6.1	Area upto 100 ha		0.25		
6.2	Area between 100-500 ha		0.5		
6.3	Area > 500 ha		0.75	0.75	
Total Marks		5		5	

B2 - Experience in use of technology (5)					
S. No.	Description	Max. Points	Sub Points	Points Gained	Page No. & Description
1	Experience of Aerial LiDAR or equivalent technology for topographic survey (Infrastructure sector) with persons/resources having operational skills of the equipment with the firm Experience through owned or outsourced equipment supported by MOU / lease Agreement	1.5			Pg. no. A2 (458-482) (ARIAL LiDAR experience detail)
i	1 Project		0.5		
ii	2 Project		1		
iii	> 2 Project		1.5	1.5	
2	Experience of using Geo Physical Survey Equipment (Seismic Reflection / Seismic Refraction / Electrical Resistivity / AEM etc.) for subsurface investigation with the firm through owned or outsourced equipment supported by MOU / lease Agreement	1			Pg. no. A2 (483-546) (Geophysical survey experience detail)
i	1 Project		0.5		
ii	2 Project		1	1	
3	Experience of use of advanced structural health monitoring systems which consists of accelerometers, Sensors, inclinometers, anemometer, Load measuring pin etc. with software to analyze the data and infer the structural health and residual life. The experience can be through owned or outsourced equipment & software supported by MOU / lease Agreement.	1.5			Pg. no. A2 (547-565) (No Expeirence of SHMS on Major bridges)
i	1-2 Major Bridges		0.5		
ii	3-5 Major Bridges		1		
iii	> 5 Major Bridges		1.5	0.0	
4	Availability and experience in Processing of satellite imagery for the creation of Digital Elevation Model (DEM) and Digital Terrain Model (DTM) with the firm through owned or outsourced equipment supported by MOU / lease Agreement	1			Pg. no. A2 (566-587) (Experience detail)
i	1 project		0.5		
ii	2 projects		1	1	
Total Marks		5		3.5	

<i>Qualification and Relevant experience of the proposed Key Personnel</i>				
S. No.	Name of Key Person	Key Person	Points as per RFP	Points gained
1	Naga Mallikarjuna Rao Golla	Team Leader cum Senior Highway Engineer	10	9.50
2	Vinod Kumar Vishwakarma	Senior Bridge Design Engineer	8	7.36
3	Vinod Kumar Vishwakarma	Highway Design Engineer	6	5.40
4	Abhishek Singh	Traffic/ Road Signage/ Marking and Safety Expert	5	4.00
5	Suresh Kumar Saini	Environmental Specialist	4	3.20
6	Birendra Kumar	Material-cum-Geo-Technical Engineer	5	4.00
7	Birendra Kumar	Senior Survey Engineer	4	3.52
8	Sanjay Kumar	Quantity Surveyor/Documentation Expert	2	1.55
9	Amit Mishra	Land Acquisiton Expert	4	3.40
10	Ranjan Kumar	Utility Expert	2	1.90
Total			50.0	43.830



Team leader cum senior highway engineer					
Name			Naga Mallikarjuna Rao Golla		
DOB			23.08.1962		
...	Undertaking From Consulting Firm			Attached	A3 (17)
...	Undertaking From the Professional			Attached	A3 (16)
S. No.	Description	Max. Points	Sub Points	Points Gained by Key personnel	Page No. & Description
1	Desirable Qualification	25			
	Full Time Graduation in Civil Engineering or Equivalent from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries* For other AICTE approved colleges give 50% marks i.e. 5 marks		10	10	Pg. no. A3 (20) BE (Civil) from Andhra University in 1983
	Post-Graduation				
	Full Time/Regular Post Graduation in Construction Management/ Transportation/Highway Engineering for PG from any IIT/NIT/IISC/BITS or other State Government Engineering Colleges of Repute or Engineering Colleges of Developed Countries* [For other AICTE Approved colleges give 50% marks i.e. 7.5 marks]		15	15	Pg. no. A3 (21) ME (Transportation) from Regional Engineering college, tiruchipali Bharathidasan University in 1985
	Part Time Post Graduation in Construction Management/ Transportation/Highway Engineering for PG from any IIT/NIT/IISC/BITS or other State Government Engineering Colleges of Repute or Engineering Colleges of Developed Countries*		10		
2	Relevant Experience & Adequacy for the Project	70			
(a)	Total Professional Experience	15			Pg. no. A2 (4-15 (More than 21 Yr. as a Team Leader cum Sr. Highway Engineer)
	<15 years		0		
	15-18 years		11		
	> 18- 21 years		13		
	> 21 years-		15	15	
b)	Experience in Highway Projects- Experience in Planning, project preparation and design of Highway Projects or Construction Supervision of major highway projects i.e. (2/4/6 laning of NH/ SH/ Expressways) (2/4/6 laning of NH/SH/Expressways)	15			Pg. no. A3 (4-15 (More than 18 Yr.)
	< 12 years-		0		
	12 - 15 years-		10		
	> 15-18 years-		12.5		
	> 18 years		15	15	
C	Experience in Similar Capacity	40			
(i)	In Feasibility of 2/4/6 laning works or DPR/ of major highway projects i.e. 2/4/6 laning of NH/SH/Expressways in Similar Capacity (Minimum Aggregate length of 80 km)	30			Pg. no. A3 (4-15)
	< 80km-		0		






	80 km-150km-		17		(More than 600km)
	> 150km-250km-		20		
	> 250km- 300 km		23		
	>300 km-400km		26		
	Add 1 point for each additional 50 km subject to max. 4 points			30	
(ii)	In Feasibility of 2/4/6 laning works or DPR/ of major highway projects i.e. 2/4/6 laning of NH/SH/Expressways in Similar Capacity-Number of Projects in hill roads (Minimum length of 20 km)	10			Pg. no. A3 (4-15) (more than 6 Projects)
	< 1 projects -		0		
	1 projects-		4		
	2-3 projects-		6		
	4-6 Projects		8		
	More than 6 projects		10	10	
3	Employment with the Firm	5			Nil
	< 1 Year		0		
	1 year		2		
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks			0.00	
Total (at Scale of 100)		100		95.0	
Total (at Scale of 10)		10		9.50	

Senior Bridge Design Engineer					
Name			Vinod Kumar Vishwakarma		
DOB			10.03.1978		
...	Undertaking From Consulting Firm			Attached	A3 (152)
...	Undertaking From the Professional			Attached	A3 (151)
S. No.	Description	Max. Points	Sub Points	Points Gained by Key personnel	Page No. & Description
1	Desirable Qualification	30			
	Full Time Graduation in Civil Engineering or Equivalent from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries* For other AICTE approved colleges give 50% marks i.e. 5 marks		10	10	Pg. no. A3 (154) (BE (Civil) from Devi Aliliya University in 2000)
	Post-Graduation				
	Full Time/Regular Post-Graduation in Structural/Bridge Engineering For PG from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries give* [For other AICTE Approved colleges give 50% marks i.e. 7.5 marks]		20		
	Part Time Post Graduation in Construction Management/ Transportation/Highway Engineering for PG from any IIT/NIT/IISC/BITS or other State Government Engineering Colleges of Repute or Engineering Colleges of Developed Countries* [For other AICTE Approved colleges give 50% marks i.e. 5 marks]		12	12	Pg. no. A3 (153)- Master of Technology Structural Engineer, Bakatiya University - 2003, Experience overlapping with duration of degree
2	Relevant Experience & Adequacy for the Project	65			
b)	Experience in Bridge Projects				
(i)	Experience in Design/Construction of Bridge	15			
	< 8 years-		0		
	8 - 10 years-		5		
	> 10-12 years-		8		
	12 - 15 years		10		
	For each additional year add 1 marks subject to a maximum			15	
(ii)	Experience of 2/4 lane configuration Bridges	15			
	<2 Projects		0		
	2-4 projects		3		
	5-7 projects		6		
	8-10 projects		9		
	11-13 projects		12		
	For each additional project add 0.5 marks subject to a maximum additional 3 marks			15	
C	Experience as Senior Bridge Engineer or Similar Capacity in Highway Design Consultancy Projects (2/4/6 laning of NH/SH/Expressways) involving design of Major Bridges of minimum 2 nos. of length more than 100m)	35			
	<2 numbers		0		
	2-4 numbers		10		
	5-6 numbers		15		
	7-8 numbers		20		
	9-10 numbers		25		
	For Design of each additional project add 1 mark subject to a maximum additional of 10 marks			35	
3	Employment with the Firm	5			
	Less than 1 year		0		
	1 year		2		
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks			5	
Total (at Scale of 100)		100		92.0	
Total (at Scale of 12)		8		7.36	

Highway Design Engineer					
Name		Vinod Kumar Vishwakarma			
DOB		10.03.1978			
...	Undertaking From Consulting Firm	Attached		A3 (171)	
...	Undertaking From the Professional	Attached		A3 (170)	
S. No.	Description	Max. Points	Sub Points	Points Gained by Key personnel	Page No. & Description
1	Desirable Qualification	25			
	Full Time Graduation in Civil Engineering or Equivalent from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries* For other AICTE approved colleges give 50% marks i.e. 5 marks		10	10	Pg. no. A3 (173) BE (Civil) from Bengal Engineering and Science University Shibpur in 2012
	Post-Graduation				
	Full Time/Regular Post Graduation in Construction Management/ Transportation/Highway Engineering For PG from any IIT/NIT/IISC/BITS or other State Government Engineering Colleges of Repute or Engineering Colleges of Developed Countries* [For other AICTE Approved colleges give 50% marks i.e. 7.5 marks]		15		
	Part Time Post Graduation in Construction Management/ Transportation/Highway Engineering for PG from any IIT/NIT/IISC/BITS or other State Government Engineering Colleges of Repute or Engineering Colleges of Developed Countries* [For other AICTE Approved colleges give 50% marks i.e. 5 marks]		10	10	Pg. no. A3 (172) ME (Transportation Engineering) RGPV University Bhopal in 2018, Experience overlapping with duration of degree
2	Relevant Experience & Adequacy for the Project	70			
b)	Experience in Design/Pavement Design of Highway projects (2/4/6 laning of NH/ SH/ Expressways)	20			Pg. no. A3 (168-169) (total 12 Yr.)
	< 6 years-		0		
	6 - 10 years-		10		
	> 10-15 years-		15	15	
	> 15 years		20		
C	Experience in Similar Capacity	50			
(i)	In Design/Pavement Design of Highway Projects 2/4/6 laning of NH/SH/Expressways in Similar Capacity (Minimum Aggregate length of 120 km)	30			Pg. no. A3 (168-169) (more than 1000 km)
	< 120 km-		0		
	120 km-200km-		10		
	> 200km-300km-		12.5		
	> 300km-400 km		15		
	>400 km-500km		17.5		
	>500 km-600km		20		
	>600 km-700km		22.5		
	>700 km-800km		25		
	Add 2.5 marks for each additional 100 km length subject to max. 5 points additional marks			30	
(ii)	In Design/Pavement Design of Highway Projects 2/4/6 laning of NH/SH/Expressways in Similar Capacity - Number of Projects (Minimum length of 25 km)	20			Pg. no. 1582-1585 (more than 15 project)
	< 2 projects -		8		
	3-5 projects		10		
	>5-8 projects-		12.5		
	>8-10 projects		15		
	>10-15 projects		20	20	
3	Employment with the Firm	5			
	Less than 1 year		0		
	1 year		2		
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks			5.0	More than 07 years
Total (at Scale of 100)		100		90.0	
Total (at Scale of 6)		6		5.40	






Traffic/ Road Signage/ Marking and Safety Expert					
Name		Abhishek Singh			
DOB		01.05.1982			
...	Undertaking From Consulting Firm	Attached		A3 (187)	
...	Undertaking From the Professional	Attached		A3 (186)	
S. No.	Description	Max. Points	Sub Points	Points Gained by Key personnel	Page No. & Description
1	Desirable Qualification				Pg. no. A3 (195) BE (Civil) from Acharya Nagarjuna University AP in 2004
	Full Time Graduation in Civil Engineering or Equivalent from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries* For other AICTE approved colleges give 50% marks i.e. 5 marks		10	10	
	Post-Graduation				
	Full Time/Regular Post Graduation in Traffic/Transportation Safety Engineering or equivalent Post-Graduation in Transportation Planning will also be considered provided it is obtained after Graduation in Civil Engineering. For PG from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries give full marks For other AICTE approved colleges give 50% marks i.e. 7.5 marks		15		
	Part Time Post Graduation in Traffic/Transportation Safety Engineering or equivalent Post-Graduation in Transportation Planning will also be considered provided it is obtained after Graduation in Civil Engineering. For PG from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries give full marks For other AICTE approved colleges give 50% marks		10	5	Pg. no. A3 (188) ME (Transportation Eng.) from Mansarovar Global University in 2021, Experience overlapping with duration of degree
2	Relevant Experience & Adequacy for the Project	70			
b)	Experience on Similar Projects (2/4/6 laning of NH/SH/Expressways in Similar Capacity)	35		25	Pg. no. A3 (181-185) (more than 19 Yrs.)
	< 5 years-		0		
	5 - 8 years-		10		
	> 8-10 years-		15		
	> 10-15 years		20		
	> 15-20 years		25		
	> 20-25 years		30		
	> 25 years		35		
c)	Experience as Traffic and Safety Expert/Traffic Engineer or in Similar Capacity in Highway Projects (2/4/6 laning of NH/SH/Expressways) (Minimum aggregate length 120 km)	35		35	Pg. no. A3 (181-185) (more than 600 km)
	< 120km-		0		
	120 km-200km-		10		
	> 200km-300km-		15		
	> 300km- 400 km		20		
	> 400 km-500km		25		
	> 500 km-600km		30		
	> 600km		35		
3	Employment with the Firm	5		5.0	more than 2 Yr.
	Less than Year		0		
	1 year		2		
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks				
Total (at Scale of 100)		100		80.0	
Total (at Scale of 12)		5		4.00	

Environmental Specialist					
Name		Suresh Kumar Saini			
DOB		10.07.1989			
...	Undertaking From Consulting Firm			Attached	A3 (217)
...	Undertaking From the Professional			Attached	A3 (216)
S. No.	Description	Max. Points	Sub Points	Points Gained by Key	Page No. & Description
1	Desirable Qualification				
	Full Time Graduation Graduate in Civil Engineering/Environment Engineering/Masters in Environment Science from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries* For other AICTE approved colleges give 50% marks i.e. 5 marks	10		10	Pg. no. A3 (218) Masters in Environmental Science from Rajasthan University Jaipur in 2011
	Post-Graduation				
	Full Time/Regular Post Graduation or Doctorate in Environmental Engineering/Environment Management or equivalent. For PG from any IIT/NIT/IISC/BITS or other State Government Engineering Colleges of Repute or Engineering Colleges of Developed Countries* [For other AICTE Approved colleges give 50% marks i.e. 7.5 marks]	15		0	
	Part Time Post Graduation or Doctorate in Environmental Engineering/Environment Management or equivalent. For PG from any IIT/NIT/IISC/BITS or other State Government Engineering Colleges of Repute or Engineering Colleges of Developed Countries* [For other AICTE Approved colleges give 50% marks i.e. 5 marks]	10			
2	Relevant Experience & Adequacy for the Project	70			
a)	Total Professional Experience	15			
	< 6 years-		0		Pg. no. A3 (213-215) more than 10 Yrs.
	6 - 8 years-		11		
	> 8-10 years-		13		
	> 10 years		15	15	
b)	Experience in Highway Project-Experience in Environment impact assessment of Highway Projects (2/4/6 laning of NH/SH/Expressway)	25			
	<5 years		0		Pg. no. A3 (213-215) more than 10 Yrs.
	5-7 years		19		
	> 7-10 years		22		
	> 10 years		25	25	
	Experience as Environmental Specialist or in Similar Capacity in Highway Projects (2/4/6 laning of NH/SH/Expressways)	15			
c)	< 2 projects		0		Pg. no. A3 (213-215) More than 7 Project
	2-4 projects		12		
	5-7 projects		14		
	> 7 projects		15	15	
	Experience as Environmental Specialist or in Similar Capacity in Highway Projects (2/4/6 laning of NH/SH/Expressways)				
d)	< 5 years		0		Pg. no. A3 (213-215) more than 10 Yrs.
	5-7 years		12		
	>7-10 years		14		
	> 10 years		15	15	
3	Employment with the Firm	5			
	Less than 1 year		0		
	1 year		2		
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks			0	Nil
Total (at Scale of 100)		100		80.0	
Total (at Scale of 12)		4		3.20	

Material Cum GeoTech Engineer					
Name		Birendra Kumar			
DOB		25.02.1964			
...	Undertaking From Consulting Firm	Attached		A3 (230)	
...	Undertaking From the Professional	Attached		A3 (229)	
S. No.	Description	Max. Points	Sub Points	Points Gained by Key personnel	Page No. & Description
1	Desirable Qualification				
	Full Time Graduation in Civil Engineering or Equivalent or M.Sc. in Geology from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries* For other AICTE approved colleges give 50% marks i.e. 5 marks	10		10	Pg. no. A3 (231) Bachelor of Technology (Civil Engineering) in 1996 from University of Karnataka
	Post-Graduation				
	Full Time/Regular Post Graduation in Foundation Engineering/Soil Mechanics/Geo Tech Engineering or Phd in Geology. For PG from any IIT/NIT/IISC/BITS or other State Government Engineering Colleges of Repute or Engineering Colleges of Developed Countries give full marks [For other AICTE Approved colleges give 50% marks i.e. 7.5 marks]	15		0	NIL (MBA)
	Part Time Post Graduation in Foundation Engineering/Soil Mechanics/Geo Tech Engineering or Phd in Geology. For PG from any IIT/NIT/IISC/BITS or other State Government Engineering Colleges of Repute or Engineering Colleges of Developed Countries give full marks [For other AICTE Approved colleges give 50% marks i.e. 5 marks]	10		0	
2	Relevant Experience & Adequacy for the Project	70			
a)	Total Professional Experience	15			Pg. no.A3 (227-228) (more than 12 Yr.)
	< 10 years-		0		
	10 - 12 years-		11		
	> 12-15 years-		13		
	> 15 years		15	15	
b)	Experience in Highway Projects - In similar Projects (2/4/6 laning of NH/SH/Expressways) in design and or Construction/Construction Supervision	20			Pg. no.A3 (227-228) (more than 12 Yr.)
	<7 years		0		
	7-10 years		15		
	>10-12 years		17.5		
	>12 years		20	20	
c	Experience as Material cum Geo-technical Engineer or in Similar capacity on Highway Projects 2/4/6 laning of NH/SH/Expressways in Similar Capacity (Minimum Aggregate length of 120 km)	20			Pg. no.A3 (227-228) (more than 300 Km)
	< 120 km-		0		
	120 km-200km-		15		
	> 200km-300km-		17.5		
	> 300km		20	20	
(ii)	Experience in Similar Capacity on Highway Projects 2/4/6 laning of NH/SH/Expressways in DPR preparation of slope protection measures and land slide management in hill roads (Traditional protection works such as Retaining wall, breast wall, gabion wall shall not be considered) Please mention the slope protection works and land slide management measures used in each project.	15		15	Pg. no.A3 (227-228) (more than 2 Project)
	< 1 projects -		0		
	1 - 2 projects-		10		
	> 2 projects-		15		
3	Employment with the Firm	5			
	Less than 1 year		0		
	1 year		2		
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks			0	NIL
Total (at Scale of 100)		100		80.0	
Total (at Scale of 12)		5		4.00	






Senior Survey Engineer					
Name		Birendra Kumar			
DOB		25.02.1964			
...	Undertaking From Consulting Firm	Attached		A3 (248)	
...	Undertaking From the Professional	Attached		A3 (247)	
S. No.	Description	Max. Points	Sub Points	Points Gained by Key	Page No. & Description
1	Desirable Qualification				
	Full Time Diploma in Civil Engg. or Diploma in surveying or equivalent from any Central/State Government Engineering College of Repute or Engineering Colleges of Developed Countries* For other govt. approved colleges give 75% marks i.e.13.5 marks	18		18.0	Pg. no. A3 (249) Diploma in Survey Eng. from State Board of Technical Education Bihar in 1990
	Full Time/Part Time Graduation in Civil Engineering from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries* For other govt. approved colleges give 75% marks i.e.18.75 marks	25		0	
2	Relevant Experience & Adequacy for the Project	70			
a)	Total Professional Experience	15			
	< 10 years		0		
	10-12 years		11		
	> 12 - 15 years		13		
	> 15 years		15		
b)	Experience in Highway Projects	25			
i)	Experience in similar projects (2/4/6 laning of NH/SH/Expressways) in project preparation/ construction/construction supervision	20			
	< 8 years-		0		
	8 - 10 years-		15		
	> 10-12 years-		17		
	> 12 years		20		
ii)	Knowledge and understanding of modern computer based method of surveying such as LIDAR survey (ground or aerial), remote sensing, GIS mapping etc. Certificate from an accredited institute to be submitted for validation	5			
	Yes		5		
	No		0		
C	Experience as Survey Engineer or in Similar Capacity for project preparation of highway project (2/4/6 laning of NH/SH/Expressways) (Minimum Aggregate length of to 120km)	30			
	< 120 km-		0		
	120 km-200km-		10		
	> 200km-300km-		15		
	> 300km- 400 km		20		
	> 400 km-500km		25		
	> 500 km		30		
	Add 2.5 marks for each additional 100 km length subject to max. 5 points additional marks				
3	Employment with the Firm	5			
	Less than 1 year		0		
	1 year		2		
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks				
Total (at Scale of 100)		100		86.0	
Total (at Scale of 12)		4		3.52	






Quantity Surveyor Docs Expert					
Name				Sanjay Kumar	
DOB				25.08.1973	
...	Undertaking From Consulting Firm			Attached	A3 (268)
...	Undertaking From the Professional			Attached	A3 (267)
S. No.	Description	Max. Points	Sub Points	Points Gained by Key personnel	Page No. & Description
1	Desirable Qualification	25			
i)	Full Time Graduation in Civil Engineering. For Graduation from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries give full marks. For other AICTE approved colleges give 50% marks i.e. 7.50 marks		15	15	Pg. no. A3 (269) BE (Civil) from The Institution of Engineers (India) in 1991
ii)	Full Time Post Graduate Degree or Diploma in Quantity Surveying [AICTE/UGC approved]		10		
2	Relevant Experience & Adequacy for the Project	70			
	Total Professional Experience	15			
a)	< 10 years-		0	15	Pg. no. A3 (264-266) (more than 15 Yrs.)
	10 - 12 years-		11		
	> 12-15 years-		13		
	> 15 years		15		
b)	Experience in Highway Projects - Experience in preparation of Bill of Quantities, Contract document and documentation for major highway projects (2/4/6 laning of NH/SH/Expressways) in Assistant Quantity Surveyor capacity or Higher Designation	25		25.0	Pg. no. A3 (264-266) (more than 20 Yrs.)
	< 8 years-		0		
	8 - 10 years-		12.5		
	> 10-12 years-		15		
	> 12-15 years-		17.5		
	> 15-18 years-		20		
	> 18-20 years-		22.5		
	> 20 years		25		
c)	Experience as Quantity Surveyor or in similar capacity in Highway Projects (2/4/6 laning of NH/SH/Expressways) (Minimum Aggregate length of 120 km). Consider full length experience in Quantity Surveyor or in similar capacity and consider 2/3 length experience in case of Assistant Quantity Surveyor or in similar capacity	30		22.5	More than 500 km
	< 120 km-		0		
	120 km-200km-		15		
	> 200km-300km-		17.5		
	> 300km- 400 km		20		
	>400 km-500km		22.5		
	>500 km-600km		25		
	>600 km add 2.5 marks for each additional 100 km length subject to max. 5 points additional marks		30		
3	Employment with the Firm	5			
	Less than 1 year		0	0	NIL
	1 year		2		
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks		5		
Total (at Scale of 100)		100		77.5	
Total (at Scale of 12)		2		1.55	






Land Acquisition Expert					
	Name		Amit Mishra		
	DOB		06.10.1976		
...	Undertaking From Consulting Firm			Attached	A3 (300)
...	Undertaking From the Professional			Attached	A3 (299)
S. No.	Description	Max. Points	Sub Points	Points Gained by Key personnel	Page No. & Description
1	Desirable Qualification	25			
	Graduation or equivalent in any discipline		20	20	Pg. no. A3 (601) Bsc from Govt. PG College Satna in 1999
	Post Graduation in law		5		Not claimed
2	Relevant Experience & Adequacy for the Project	70			
a)	Total Professional Experience	15			
	< 15 years-		0	15	Pg. no. A3 (296-298) more than 20 Yrs.
	15 - 17 years-		11		
	> 17-20 years-		13		
	> 20 years		15		
a)	Experience in Land Acquisition works of Government/Authority	20			
	< 10 years-		0	20	Pg. no. A3 (296-298) more than 15 Yrs. With Pvt. Company as as client of Govt. dept.
	10 - 12 years-		15		
	> 12 - 15 years-		17		
	> 15 years		20		
	Experience in Land Acquisition works in Highway/road sector	25			
c)	Nil Project		0	25	Pg. no. A3 (296-298) more than 3 Projects
	1 Projects		19		
	2 Projects		22		
	3 Projects		25		
d)	Retired Revenue Officer at the level of ADM/SDM Tehsildar	10		0	NIL
3	Employment with the Firm	5			
	Less than 1 year		0	5	More than 7 Yr.
	1 year		2		
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks		5		
Total (at Scale of 100)		100		85.0	
Total (at Scale of 12)		4		3.40	

Utility Expert					
	Name		Ranjan Kumar		
	DOB		19.07.1967		
...	Undertaking From Consulting Firm			Attached	A3 (312)
...	Undertaking From the Professional			Attached	A3 (311)
S. No.	Description	Max. Points	Sub Points	Points Gained by Key personnel	Page No. & Description
1	General Qualification	25			
	Full Time Graduation in Electrical Engineering. For Graduation from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries give full marks For other colleges give 50% marks i.e. 12.50 marks		25	25	Pg. no. A3 (309-311) Bsc (Electrical from University of Muzaffarpur Institute of Technology Bihar in 1991
2	Relevant Experience & Adequacy for the Project	70			
a)	Total Professional Experience	15			
	<10 Years		0	15	Pg. no. A3 (310-311) more than 20 Yrs.
	10-15 Years		11		
	> 15-20 Years		13		
	> 20 Years		15		
b)	Experience in Utility Estimation and its laying /erection	30			
	< 8 years-		0	30.0	Pg. no. A3 (310-311) More than 25 years
	8 - 10 years-		15		
	> 10-15 years-		17.5		
	> 15-20 years		22.5		
	> 20-25 years		27.5		
	> 25 years		30		
c	Experience in Utility shifting estimation and its laying/erection along Highway/roads	25			
	Nil Project		0	25	Pg. no. 2268 More than 06 projects
	1-3 project		15		
	4-6 project		20		
	> 6 project		25		
3	Employment with the Firm	5			
	Less than 1 year		0	0.0	Nil
	1 year		2		
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks				
Total (at Scale of 100)		100		95.0	
Total (at Scale of 12)		2		1.90	






Evaluation of RFP : TECHNICAL BID									
Name of work: Consultancy Services for Consultancy Services for preparation of Detailed Project Report for Bhopal-Indore green field corridor (Part of Vision 2047) in the state of MP (Tender ID: 2024_NHA1_216849_1)									
NIT Date: 28/11/2024									
GENERAL DETAILS OF BID RECEIVED AS PER NIT									
A. Estimated cost of the work	751.74	Lakhs		F. Pre-Bid Meeting :	20-12-	Time : 03:00			
B. Validity period of Bid:	120	Days		G. BID Due Date:	14.01.202	Time : 11:00			
C. Period of Completion : as per point no. 3 of DATA Sheet in days : (As per RFP)	365	Days		H. Date of opening of Technical Bid: (Place: Office of	15.01.202	Time : 12:00 PM			
D. Bid Security (As per of NIT)	NIL	BG		I. No. of bids Up-loaded:	5	Nos			
E. Validity Period of Bid Security : No. of Days	NA	Days		J. No. of bids Down-loaded:	5	Nos			
				K. No. of bids Not-	0	Nos			
				L. Reason of Not-Downloaded Bids:	NA				
STAGE-1: PROOF OF ELIGIBILITY									
Details required as per RFP			Details furnished by bidder				Page No.		
1	Name of bidder (Forwarding letter for Proof of Eligibility in the Form-E1)		Pioneer Infra Consultants Pvt. Ltd. in JV with Sterling Indo Tech Consultant Pvt. Ltd. (BID ID 804189)				F4 (5-6)		
2	Type of firm (Sole/ JV/ Association)		JV				F4 (20-21) (Mentioned at PoA)		
3	Registration certificate		Lead Partner	Furnished			F4 (46)		
			JV Partner	Furnished					
			Associate Partner	NA					
4	Place of registration		Lead Partner	Jaipur			F4 (46)		
			JV Partner	Jaipur			F4 (46)		
			Associate Partner	-					
5	Share of partner in case of JV		Lead Partner	60%			F4 (20-21)		
			JV Partner	40%					
			Associate Partner						
6	Power of Attorney as per clause 1.8.1(i) of LOI		Furnished				F4 (20-21)		
7	GST Registration		Lead Partner	Furnished			F4 (85)		
			JV Partner	Furnished			F4 (89)		
			Associate Partner	Furnished					
8	Tender Fee of an Amount 5000		Furnished				1 (1)		
9	In case of joint venture proposal shall be accompanied by MOU		YES				F4 (20-21)		
10	INTEGRITY PACT as per format T 13		Furnished				F6 (837-843)		
11	A Consultant is required to submit along with its Technical Proposal, a self- certification that the services offered meets the local content requirement for 'Class-I Local supplier'/'Class-II Local Supplier' as the case may be as per cl 1.8.5 of LOI		Furnished				F6 (845-847)		
12	Proof of eligibility as per clause 3.1.1(i) of LOI		Furnished with proof of Eligibility form E-1 to E3				F4 (5-7)		
13	UNDERTAKING for any litigation history/arbitration		Furnished				F4 (445-449)		
14	Technical Proposal		Furnished with Technical Proposal form T-1 to T-12				F5-F6-F7 (2-1954)		
15	Average Annual turnover of firm of last Five year is more than or equal to 5 Cr Submitted in form of E-3 Pg. no. F4 (403-419)		Sole	Minimum 5.00 Cr.	NA	NA			
			Lead Partner	Minimum 3.75 Cr.	13.160	399			
			JV Partner	Minimum 2.5 Cr.	26.224	415			
16	Firm should have experience of preparation of DPR/feasibility of 2/4/6 lane of aggregate length as given below. The firm should have also prepared DPR/Feasibility of at least one project of 2/4/6 laning of minimum length as indicated below in last 7 years Submitted in form of E-2/T-3								
	Package No.		Minimum aggregate length required of DPR/feasibility			Minimum length of eligible project(2/4/6 lane)			
	Consultancy Services for preparation of Detailed Project Report for Bhopal-Indore green field corridor (Part of Vision 2047) in the state of MP		DPR/Feasibility = Tentative length 160 Km Lead - 120km Other - 80 km			DPR=0.4x Tentative length (64 Km) Lead - 48 km Other - 32 km		(OR) Feasibility=0.6x Tentative length (96 Km) Lead - 72 km Other - 48 km	
i	Lead	Package No. as per Form E-2 (Page No. 117-293 and 840)	More than 120km			More than 48 km			
ii	Other	Page No. 182	More than 80 km			More than 32 km			
	Total Length		More than 160 km			More than 64 km		Not req.	
17	Residual Bid Capacity R=CLxTF-RP As per clause 3.1.3 of LOI = 160 km		JV > 160 km. Lead> 120 km Other >80 km and hence in order						
Yes, Firm is Eligible for Technical Evaluation (STAGE-2)									

STAGE-2: TECHNICAL EVALUATION			
Pioneer Infra Consultants Pvt. Ltd. in JV with Sterling Indo Tech Consultant Pvt. Ltd.			
Sr.No.	Description	Form	Page No.
1	Forwarding Letter	T 1	F5 (5)
2	Details of Projects for which TechnicalProposals have been submitted	T 2	F5 (7)
3	Firm's Experience	T 3/E 2	F5 (16-169), (170-220), (221-282), (283-314)
4	Site Appreciation	T 4	F5 (315-319)
5	Composition of the proposed team and task assignment	T 5	F5 (320-323)
6	Proposed methodology	T 6	F5 (324-331)
7	Material Testing lab facilities	T 7	F5 (332-422), (423-444)
8	Facility for field investigation and testing	T 8	F5 (445-687) F6 (1-47), (48-97)
9	Details of Office Equipments	T 9	F6 (98-192) (193-243)
10	CV's of Key Personnels	T 10	F6 (245)
	Team Leader cum senior Highway Engineer		F6 (248-289)
	Senior Bridge Enginner		F6 (292-330)
	Highway cum Pavement Engineer		F6 (333-388)
	Material Engineer cum Geo Technical Engineer - Geologist		F6 (533-583)
	Traffic and Safety Expert		F6 (390-473)
	Senior Survey Engineer		F6 (586-614)
	Environmental Specialist		F6 (475-530)
	Quantity Surveyor/Documentation Expert		F6 (616-657)
	Land Acquisition Expert		F6 (660-683)
	Utility Expert		F6 (686-723)
11	Residual Bid Capacity	T 11	F6 (725-730)
12	Compliance Certificate with GFR rules	T 12	F6 (833-836)
13	INTEGRITY PACT	T 13	F6 (837-847)

Pioneer Infra Consultants Pvt. Ltd. in JV with Sterling Indo Tech Consultant Pvt. Ltd. (BID ID 804189)

Detailed Technical Evaluation Summary

S. No.	Description	Max. Points As per RFP	Points Obtained by Firm
A1	A1 Firm's Profile, turnover and professionals working with the firm (10)	10	8.50
A2	Firm's relevant experience in last 7 years for DPR work	30	19.50
B1	Material testing, survey & investigation, equipment and software proposed to be used	5	5.00
B2	Experience in use of technology for road inspection in supervision work/quality/safety audit	5	0.50
D (CV)	Qualification and Relevant experience of the proposed Key Personnel	50	43.57
	Total	100.0	77.07



[A-1] Firm's Profile, turnover and professionals working with the firm (10)

S. No.	Description	Max. Points	Sub Points	Points Gained	Page No. & Description
1	Nos. of Key Professionals with the firm for more than 1 years*	5			
1.1	<10		0		More than 60 F7 (2-3)
1.2	>10 but ≤ 25		1.5		
1.3	>25 but ≤ 40		2.5		
1.4	> 40 but ≤ 60		3.5		
1.5	> 60		5	5	
	Note* The key professionals who possess degree in Civil Engineering/Transport Planning /Transport Economics/Traffic Management/ Geology/ Environment Science or Engineering and 8 years' experience in highway/bridge /tunnel with employment in the firm for more than one year. The current Employment Certificate shall be uploaded by Key Personnel on INFRACON. These Key-Personnel should be inclusive of at least 3 Sr Highway Design Engineer, 2 Senior Pavement/material Specialist, 2 Senior Bridge design Engineer, 2 geotechnical Engineer and 2 Traffic/Road Safety Expert on employee roll at Head Office or Site Office of the Consultant to be eligible for marks in this criteria.		10		
2	Specific experience of firms in terms of turnover in last five (5) Financial Years	5			F4 (403-419) Total of JV- 39.39 Cr.
2.1	Firm's Average Turnover of last 5 years >250 crore		5		
2.2	Firm Average Turnover of last 5 years 50 - 250 crore		4		
2.3	Firm Average Turnover of last 5 years - >5 but < 50 crore		3.5	3.5	
	Total Marks	10		8.5	

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Firm's relevant experience in last 7 years					
S. No.	Description	Max. Points	Sub Points	Points Gained	Page No. & Description
1	Specific experience of the DPR consultancy related to the assignment for eligibility	30			
1.1	Aggregate Length of DPR / Feasibility study of 2/4/ 6 lane projects	10		8.5	F5 (18-27) Lead - (Total length 667.367 km) JV (total length 240.757)
1.1.1	More than the indicative Length of the package applied for		3.5		
1.1.2	More than 2 times the indicative length of the package applied for		4.5		
1.1.3	More than 3 times the indicative length of the package applied for		5		
1.1.4	More than 4 times the indicative length of the package applied for		6.5		
1.1.5	More than 5 times the indicative length of the package applied for		8.5		
1.1.6	More than 6 times the indicative length of the package applied for		10		
1.2	DPR for 2/4/6 laning projects each equal to or more than 40% of indicative length of a package applied for (or Feasibility Study for 2/4/6 laning projects each equal to or more than 60% of indicative length of a package applied for)	15			F5 (18-27) 3 Project Lead Partner 1- (7) 2 lane with Paved Shoulders configuration for Highway Improvement to Yevat Malshiras Saswad Kapurhol Bhor Mandhardev Wai Surur Road Tel. Bhor & Wai, to Pusesavali Vangi Nagthane Walwa Bargaon Bahe Tambave Kasegaon Takave Road SH-158 Tal. Walwa, Vangi Nagthane Walwa Bargaon Bahe Tambave Kasegaon Takave Road SH-158 Walwa, Chandgad Ibrahimpur Chitale Shrugawadi Ajara Burude Honewad Mahagaon Vyragewadi Hapur Sasgiri Horwad Halhalmi Khandpur to District Border State Highway No. 201, District Kolhapur in the State of Maharashtra Under 265.19 Km.) 2- (8) 2-lane of Untara - Dooni - Anwa section of SH-34A (Highway-I); (ii) Beawar - Masuda - Goyla section of SH-26A (Highway-II); (iii) Sawarda - Rupangarh - Ajmer section of SH-100 (Highway-III); (iv) Hurda - Baneraseson of SH-39A (Highway-IV); (v) Banera - Bilgod section of SH-39A (Highway-V); Total Length 282.39 Km. (the Project) through PPP on DBFOT basis under Package-23 141.20 Km.) 3- (9) 2 lane of (i) Suratgarh Anupgarh (Highway I), (ii) Sadulshahar Sangaria Chalyan (Highway II), (iii) Bidasar Sri Dungargarh Kulu (Highway III), (iv) Jodhpur Balesar Shergarh (Highway IV) and (v) Hanumangarh Sri Ganganagar (Highway V) total length 393.66 Km (PPP) on DBFOT basis under Package 21. 129 Km. 2-lane and 8.75 4-lane)
1.2.1	1 project		7.5		
1.2.2	2 projects		9		
1.2.3	3 projects		11	11	
1.2.4	4 projects		12.5		
1.2.5	> 5 projects		15		
2	DPR of Major Bridges/ROBs/Viaducts having length more than 1000m (excluding approaches)	5			F5 (171-176) no any project having length more than 1000m detailed mention as Pg. no. F5 (171-176), experience of other partner are not for DPR but for supervision
2.1	2 Bridge		3.5		
2.2	3 Bridges		4		
2.3	4 Bridges		5		
2.4	≥5 Bridges		5		
Total Marks				20	

B-1 Material testing, survey & investigation, equipment and software proposed to be used

S. No.	Description	Max. Points	Sub Points	Points Gained	Page No. & Description
1	Availability of Material testing Facilities with persons/resources having operational skills of the equipment	0.75			Lead Pg. No. F5 (332-342) JV Pg. No. (423-444)
1.1	Owned** (Available In House) or Outsourced (Hire basis/Through Associate) supported by MOU / lease Agreement		0.75	0.75	
1.2	Not Available				
* Shall be ascertained through the ownership evidence uploaded on INFRACON in regard to major equipment required for testing of materials to be used for construction of Highway Project.					
2	Availability of Field Investigation Facilities with persons/resources having operational skills of the equipment	0.5			Lead Pg. No. F5 (343-351) JV Pg. no. 445
2.1	Owned** (Available In House)		0.5	0.5	
2.2	Not Available				
** Shall be ascertained through ownership evidence uploaded on INFRACON for construction of Highway Project.					
3	Availability of Office Equipment and Software with persons/ resources having operational skills of the equipment (as per details given below the table)	0.75			Pg. No. F6 (98-243)
3.1	Owned*** (Available In House) or Outsourced (Hire basis/Through Associate) supported by MOU / lease Agreement		0.75	0.75	
3.2	Not Available		0		
*** Shall be ascertained through ownership evidence uploaded on INFRACON for key hardware/software required for Highway consultancy assignment.					
4	Experience in use of LiDAR or better technology for topographic survey (Infrastructure sector) in last 7 financial Years	1.25			Pg. no. F5 (470-476) more than 5 project
4.1	1 project		0.25		
4.2	2 projects		0.5		
4.3	3 projects		0.75		
4.4	4 projects		1		
4.5	≥ 5 projects		1.25	1.25	
5	Experience in using GPR and Induction Locator or better technologies for detection of sub-surface utilities (Infrastructure sector) in last 7 Financial Years	1			Pg. no. F6 (1-3) more than 4 project
5.1	1 project		0.25		
5.2	2 projects		0.50		
5.3	3 projects		0.75		
5.4	≥ 4 projects		1.0	1	
6	Experience in digitization of cadastral maps for land surveys in last 7 Financial Years	0.75			Pg. no. F5 (572-577) more than 500 ha. with Lead + JV (Pg. no. 588-601)
6.1	Area upto 100 ha		0.25		
6.2	Area between 100-500 ha		0.5		
6.3	Area > 500 ha		0.75	0.75	
Total Marks		5		5	

B2 - Experience in use of technology (5)					
S. No.	Description	Max. Points	Sub Points	Points Gained	Page No. & Description
1	Experience of Aerial LiDAR or equivalent technology for topographic survey (Infrastructure sector) with persons/resources having operational skills of the equipment with the firm Experience through owned or outsourced equipment supported by MOU / lease Agreement	1.5			Pg. no. F6 (51) 1 Project
i	1 Project		0.5	0.5	
ii	2 Project		1		
iii	> 2 Project		1.5		
2	Experience of using Geo Physical Survey Equipment (Seismic Reflection / Seismic Refraction / Electrical Resistivity / AEM etc.) for subsurface investigation with the firm through owned or outsourced equipment supported by MOU / lease Agreement	1			Nil
i	1 Project		0.5		
ii	2 Project		1		
3	Experience of use of advanced structural health monitoring systems which consists of accelerometers, Sensors, inclinometers, anemometer, Load measuring pin etc. with software to analyze the data and infer the structural health and residual life. The experience can be through owned or outsourced equipment & software supported by MOU / lease Agreement.	1.5			Nil
i	1-2 Major Bridges		0.5		
ii	3-5 Major Bridges		1		
iii	> 5 Major Bridges		1.5		
4	Availability and experience in Processing of satellite imagery for the creation of Digital Elevation Model (DEM) and Digital Terrain Model (DTM) with the firm through owned or outsourced equipment supported by MOU / lease Agreement	1			Nil
i	1 project		0.5		
ii	2 projects		1		
Total Marks		5		0.5	






<i>Qualification and Relevant experience of the proposed Key Personnel</i>				
S. No.	Name of Key Person	Key Person	Points as per RFP	Points gained
1	Aniruddha Prabhakar Pitule	Team Leader cum Senior Highway Engineer	10	8.90
2	Arun Verma	Senior Bridge Design Engineer	8	6.80
3	Dheeraj Bhatt	Highway Design Engineer	6	5.70
4	Kondaveeti Jagadeeswara Venkata Ramana Rao	Traffic/ Road Signage/ Marking and Safety Expert	5	4.75
5	Mahaveer Prasad Saini	Environmental Specialist	4	3.20
6	Alok Gautam	Material-cum-Geo-Technical Engineer	5	3.50
7	Shrawan Kumar (Retd. Govt. Employee)	Senior Survey Engineer	4	3.72
8	Sanjay Sudharao Jadhao	Quantity Surveyor/Documentation Expert	2	1.65
9	Doourender Kumar Gautam	Land Acquisiton Expert	4	3.40
10	Manoj Kumar KhanejaRetd. Govt. Employee	Utility Expert	2	1.95
Total			50.0	43.570



Team leader cum senior highway engineer					
Name			Aniruddha Prabhakar Pitule		
DOB			08.02.1968		
Undertaking From Consulting Firm			Attached		F6 - 290
Undertaking From the Professional			Attached		F6 - 289
S. No.	Description	Max. Points	Sub Points	Points Gained by Key personnel	Page No. & Description
1	Desirable Qualification	25			
	Full Time Graduation in Civil Engineering or Equivalent from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries* For other AICTE approved colleges give 50% marks i.e. 5 marks		10	10	Pg. no. F6 (281) (BE (Civil) from Amravati University in 1988)
	Post-Graduation				
	Full Time/Regular Post Graduation in Construction Management/ Transportation/Highway Engineering for PG from any IIT/NIT/IISC/BITS or other State Government Engineering Collges of Repute or Engineering Colleges of Developed Countries* [For other AICTE Approved colleges give 50% marks i.e. 7.5 marks]		15	15	Page No. 1498 (Master of Technology (CE) from IIT Madras University in 1991)
	Part Time Post Graduation in Construction Management/ Transportation/Highway Engineering for PG from any IIT/NIT/IISC/BITS or other State Government Engineering Collges of Repute or Engineering Colleges of Developed Countries* [For other AICTE Approved colleges give 50% marks i.e. 5 marks]		10		
2	Relevant Experience & Adequacy for the Project	70			
(a)	Total Professional Experience	15			
	<15 years		0		
	15-18 years		11		
	> 18- 21 years		13		
	> 21 years-		15	15	Pg. no. F6 (248-250) more than 21 yrs. With Govt. Employee as a AEE, EE, SE
b)	Experience in Highway Projects- Experience in Planning, project preparation and design of Highway Projects or Construction Supervision of major highway projects i.e. (2/4/6 laning of NH/ SH/ Expressways) (2/4/6 laning of NH/SH/Expressways)	15			
	< 12 years-		0		
	12 - 15 years-		10		
	> 15-18 years-		12.5		
	> 18 years		15	15	Pg. no. F6 (248-250) (More than 18 years)
C	Experience in Similar Capacity	40			
(i)	In Feasibility of 2/4/6 laning works or DPR/ of major highway projects i.e. 2/4/6 laning of NH/SH/Expressways in Similar Capacity (Minimum Aggregate length of 80 km)	10			
	< 80km-		0		
	80 km-150km-		17		
	> 150km-250km-		20		
	> 250km- 300 km		23		
	>300 km-400km		26	26	Pg. no. F6 (248-250) (441 Km)
	Add 1 point for each additional 50 km subject to max. 4 points				
(ii)	In Feasibility of 2/4/6 laning works or DPR/ of major highway projects i.e. 2/4/6 laning of NH/SH/Expressways in Similar Capacity-Number of Projects in hill roads (Minimum length of 20 km)	10			
	< 1 projects -		0		
	1 projects-		4		
	2-3 projects-		6		
	4-6 Projects		8	8	
	More than 6 projects		10		
	Deleted				
3	Employment with the Firm	5			
	< 1 Year		0		
	1 year		2		
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks			0.00	
	Total (at Scale of 100)	100		89.0	
	Total (at Scale of 10)	10		8.90	

Senior Bridge Design Engineer					
Name			Arun Verma		
DOB			15.02.1978		
Undertaking From Consulting Firm			Attached		F6 -329
Undertaking From the Professional			Attached		F6 - 330
S. No.	Description	Max. Points	Sub Points	Points Gained by Key personnel	Page No. & Description
1	Desirable Qualification	30			
	Full Time Graduation in Civil Engineering or Equivalent from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries* For other AICTE approved colleges give 50% marks i.e. 5 marks		10	10	Pg. no. F6-318 (BE from University of Rajasthan in 2001)
	Post-Graduation				
	Full Time/Regular Post Graduation in Construction Management/ Transportation/Highway Engineering For PG from any IIT/NIT/IISC/BITS or other State Government Engineering Collges of Repute or Engineering Colleges of Developed Countries*		20	20	Pg. no. F6 319- Master of Technology Structural Engineer, Institute Degree - 2021
	Part Time Post Graduation in Construction Management/ Transportation/Highway Engineering for PG from any IIT/NIT/IISC/BITS or other State Government Engineering Collges of Repute or Engineering Colleges of Developed Countries* [For other AICTE Approved colleges give 50% marks i.e. 5 marks]		12		
2	Relevant Experience & Adequacy for the Project	65			
b)	Experience in Bridge Projects	30			
(i)	Experience in Design/Construction of Bridge	15			
	< 8 years-		0		
	8 - 10 years-		5		
	> 10-12 years-		8		
	12 - 15 years		10		
	For each additional year add 1 marks subject to a maximum	15		15	Pg. no. F6 (293-294) (more than 20 Yr.)
(ii)	Experience of 2/4 lane configuration Bridges				
	<2 Projects		0		
	2-4 projects		3		
	5-7 projects		6		
	8-10 projects		9		
	11-13 projects		12		
	For each additional project add 0.5 marks subject to a maximum additional 3 marks			15	Pg. no. F6 (293-294) (More than 20 projects)
C	Experience as Senior Bridge Engineer or Similar Capacity in Highway Design Consultancy Projects (2/4/6 laning of NH/SH/Expressways) involving design of Major Bridges of minimum 2 nos. of length more than 100m)	35			
	<2 numbers		0		
	2-4 numbers		10		
	5-6 numbers		15		
	7-8 numbers		20	20	
	9-10 numbers		25		
	For Design of each additional project add 1 mark subject to a maximum additional of 10 marks				Pg. no. F6 (293-294) (8 projects)
3	Employment with the Firm	5			
	Less than 1 year		0		
	1 year		2		
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks			5.0	Since 2007
Total (at Scale of 100)		100		85.0	
Total (at Scale of 12)		8		6.80	





Highway Design Engineer					
Name			Dheeraj Bhatt		
DOB			08.07.1979		
...	Undertaking From Consulting Firm		Attached	F6-389	
...	Undertaking From the Professional		Attached	F6-388	
S. No.	Description	Max. Points	Sub Points	Points Gained by Key personnel	Page No. & Description
1	Desirable Qualification	25			
	Full Time Graduation in Civil Engineering or Equivalent from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries* For other AICTE approved colleges give 50% marks i.e. 5 marks		10	10	Pg. no. F6-373 (BE from amravati University 2002)
	Post-Graduation				
	Full Time/Regular Post Graduation in Construction Management/ Transportation/Highway Engineering For PG from any IIT/NIT/IISC/BITS or other State Government Engineering Collges of Repute or Engineering Colleges of Developed Countries* [For other AICTE Approved colleges give 50% marks i.e. 7.5 marks]		15	15	Pg. no. F6-373 (Master of Technology (Transportation Egnineering) Malaviya National Institute of Technology University in 2004)
	Part Time Post Graduation in Construction Management/ Transportation/Highway Engineering for PG from any IIT/NIT/IISC/BITS or other State Government Engineering Collges of Repute or Engineering Colleges of Developed Countries* [For other AICTE Approved colleges give 50% marks i.e. 5 marks]		10		
2	Relevant Experience & Adequacy for the Project	70			
b)	Experience in Design/Pavement Design of Highway projects (2/4/6 laning of NH/ SH/ Expressways)	20			Pg. no. F6 (334-336) (13 Yr.)
	< 6 years-		0		
	6 - 10 years-		10		
	> 10-15 years-		15	15	
	> 15 years		20		
c	Experience in Similar Capacity	50			
(i)	In Design/Pavement Design of Highway Projects 2/4/6 laning of NH/SH/Expressways in Similar Capacity (Minimum Aggregate length of 120 km)	30			Pg. no. F6 (334-336) more than 800 km)
	< 120 km		0		
	120 km-200km-		10		
	> 200km-300km-		12.5		
	> 300km- 400 km		15		
	>400 km-500km		17.5		
	>500 km-600km		20		
	>600 km-700km		22.5		
	>700 km-800km		25		
	Add 2.5 marks for each additional 100 km length subject to max. 5 points additional marks			30	
(ii)	In Design/Pavement Design of Highway Projects 2/4/6 laning of NH/SH/Expressways in Similar Capacity - Number of Projects (Minimum length of 25 km)	20			Pg. no. F6 334-336) (more than 15 project)
	< 2 projects -		8		
	3-5 projects-		10		
	>5-8 projects-		12.5		
	>8-10 projects		15		
	>10-15 projects		20	20	
3	Employment with the Firm	5			
	Less than 1 year		0		
	1 year		2		
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks			5.0	more than 5 yrs.
	Total (at Scale of 100)	100		95.0	
	Total (at Scale of 6)	6		5.70	

Traffic/ Road Signage/ Marking and Safety Expert					
Name		Kondaveeti Jagadeeswara Venkata			
DOB		19.08.1968			
...	Undertaking From Consulting Firm			Attached	F6 (474)
...	Undertaking From the Professional			Attached	F6 (473)
S. No.	Description	Max. Points	Sub Points	Points Gained by Key personnel	Page No. & Description
1	Desirable Qualification				
	Full Time Graduation in Civil Engineering or Equivalent from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries* For other AICTE approved colleges give 50% marks i.e. 5 marks		10	10	F6 (462) Andhra University BE (Civil) in 1990
	Post-Graduation				
	Full Time/Regular Post Graduation in Traffic/Transportation Safety Engineering or equivalent Post-Graduation in Transportation Planning will also be considered provided it is obtained after Graduation in Civil Engineering. For PG from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries give full marks For other AICTE approved colleges give 50% marks i.e. 7.5 marks]		15	15	Page No. 1871 (Master of Technology in Transportation Engg. from Rakatiya University in 1992)
	Part Time Post Graduation in Traffic/Transportation Safety Engineering or equivalent Post-Graduation in Transportation Planning will also be considered provided it is obtained after Graduation in Civil Engineering. For PG from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries give full marks For other AICTE approved colleges give 50% marks i.e. 5 marks]		10		
2	Relevant Experience & Adequacy for the Project	70			F6 (391-395)
b)	Experience on Similar Projects (2/4/6 laning of NH/SH/Expressways in Similar Capacity)	35			
	< 5 years-		0		
	5 - 8 years-		10		
	> 8-10 years-		15		
	> 10-15 years		20		
	> 15-20 years		25		
	> 20-25 years		30		
	> 25 years		35		
	Experience as Traffic and Safety Expert/Traffic Engineer or in Similar Capacity in Highway Projects (2/4/6 laning of NH/SH/Expressways) (Minimum aggregate length 120 km)	35			
	< 120km-		0		
	120 km-200km-		10		
	> 200km-300km-		15		
	> 300km- 400 km		20		
	> 400 km-500km		25		
	> 500 km-600km		30		
	> 600km		35		
	Employment with the Firm	5			
	Less than Year		0		
	1 year		2		
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks				
3				0.0	Nil
Total (at Scale of 100)		100		95.0	
Total (at Scale of 12)		5		4.75	

Environmental Specialist					
Name		Mahaveer Prasad Saini			
DOB		17.07.1979			
...	Undertaking From Consulting Firm			Attached	F6 (531)
...	Undertaking From the Professional			Attached	F6 (530)
S. No.	Description	Max. Points	Sub Points	Points Gained by Key personnel	Page No. & Description
1	Desirable Qualification				
	Full Time Graduation Graduate in Civil Engineering/Environment Engineering/Masters in Environment Science from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries* For other AICTE approved colleges give 50% marks i.e. 5 marks	10		10	F6 (520) MSC in Environment) from Maharshi Dayanand University of Rajasthan in 2002
	Post-Graduation				
	Full Time/Regular Post Graduation or Doctorate in Environmental Engineering/Environment Management or equivalent. For PG from any IIT/NIT/IISC/BITS or other State Government Engineering Colleges of Repute or Engineering Colleges of Developed Countries* [For other AICTE Approved colleges give 50% marks i.e. 7.5 marks]	15			
	Part Time Post Graduation or Doctorate in Environmental Engineering/Environment Management or equivalent. For PG from any IIT/NIT/IISC/BITS or other State Government Engineering Colleges of Repute or Engineering Colleges of Developed Countries* [For other AICTE Approved colleges give 50% marks i.e. 5 marks]	10			
2	Relevant Experience & Adequacy for the Project	70			
a)	Total Professional Experience	15			
	< 6 years-		0		
	6 - 8 years-		11		
	> 8-10 years-		13		
	> 10 years		15	15	F6 (476-479) 14 yrs.
b)	Experience in Highway Project-Experience in Environment impact assessment of Highway Projects (2/4/6 laning of NH/SH/Expressway)	25			
	<5 years		0		
	5-7 years		19		
	> 7-10 years		22		
	> 10 years		25	25	F6 (476-479) (More than 10 yrs)
c)	Experience as Environmental Specialist or in Similar Capacity in Highway Projects (2/4/6 laning of NH/SH/Expressways)	15			
	< 2 projects		0		
	2-4 projects		12		
	5-7 projects		14		
	> 7 projects		15	15	F6 (476-479) (more than 7)
d)	Experience as Environmental Specialist or in Similar Capacity in Highway Projects (2/4/6 laning of NH/SH/Expressways)				
	< 5 years		0		
	5-7 years		12		
	>7-10 years		14		
	> 10 years		15	15	F6 (476-479) more than 10 yrs.
3	Employment with the Firm	5			
	Less than 1 year		0		
	1 year		2		
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks			0	Nil less than 1 yr.
Total (at Scale of 100)		100		80.0	
Total (at Scale of 12)		4		3.20	

Material Cum GeoTech Engineer					
Name			Alok Gautam		
DOB			17.01.1967		
... Undertaking From Consulting Firm			Attached		F6 (584)
... Undertaking From the Professional			Attached		F6 (583)
S. No.	Description	Max. Points	Sub Points	Points Gained by Key personnel	Page No. & Description
1	Desirable Qualification				
	Full Time Graduation in Civil Engineering or Equivalent or M.Sc. in Geology from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries* For other AICTE approved colleges give 50% marks i.e. 5 marks	10		10	F6 (562) BE (Civil) from Rani Durgavati University Jabalpur in 1989
	Post-Graduation				
	Full Time/Regular Post Graduation in Foundation Engineering/Soil Mechanics/Geo Tech Engineering or Phd in Geology. For PG from any IIT/NIT/IISC/BITS or other State Government Engineering Collges of Repute or Engineering Colleges of Developed Countries give full marks [For other AICTE Approved colleges give 50% marks i.e. 7.5 marks]	15		0	Nil
	Part Time Post Graduation in Foundation Engineering/Soil Mechanics/Geo Tech Engineering or Phd in Geology. For PG from any IIT/NIT/IISC/BITS or other State Government Engineering Collges of Repute or Engineering Colleges of Developed Countries give full marks [For other AICTE Approved colleges give 50% marks i.e. 5 marks]	10		0	
2	Relevant Experience & Adequacy for the Project	70			
a)	Total Professional Experience	15			
	< 10 years-		0		
	10 - 12 years-		11		
	> 12-15 years-		13		
	> 15 years		15	15	Pg. no. F6 (563-565) (more than 15 Yr.)
b)	Experience in Highway Projects - In similar Projects (2/4/6 laning of NH/SH/Expressways) in design and or Construction/Construction Supervision	20			
	<7 years		0		
	7-10 years		15		
	>10-12 years		17.5		
	>12 years		20	20	Pg. no. F6 (563-565) (more than 12 Yr.)
c)	Experience as Material cum Geo-technical Engineer or in Similar capacity on Highway Projects 2/4/6 laning of NH/SH/Expressways in Similar Capacity (Minimum Aggregate length of 120 km)	20			
	< 120 km-		0		
	120 km-200km-		15		
	> 200km-300km-		17.5		
	> 300km		20	20	F6 (563-565) mor than 300km
(ii)	Experience in Similar Capacity on Highway Projects 2/4/6 laning of NH/SH/Expressways in DPR preparation of slope protection measures and land slide management in hill roads (Traditional protection works such as Retaining wall, breast wall, gabion wall shall not be considered) Please mention the slope protection works and land slide management measures used in each project.	15		0	There is no work description regarding slope protection works and landslide management measures used in any project. Only slope stability analysis work
	< 1 projects -		0		
	1 - 2 projects-		10		
	> 2 projects-		15		
3	Employment with the Firm	5			
	Less than 1 year		0		
	1 year		2		
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks			5	more than 5 yr.
Total (at Scale of 100)		100		70.0	
Total (at Scale of 12)		5		3.50	

Senior Survey Engineer					
Name		Shrawan Kumar (Retd. Govt.)			
DOB		18.10.1960			
...	Undertaking From Consulting Firm	Attached		F6 (615)	
...	Undertaking From the Professional	Attached		F6 (614)	
S. No.	Description	Max. Points	Sub Points	Points Gained by Key	Page No. & Description
1	Desirable Qualification				
	Full Time Diploma in Civil Engg. or Diploma in surveying or equivalent from any Central/State Government Engineering College of Repute or Engineering Colleges of Developed Countries* For other govt. approved colleges give 75% marks i.e.13.5 marks	18		0	
	Full Time/Part Time Graduation in Civil Engineering from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries* For other govt. approved colleges give 75% marks i.e.18.75 marks	25		25	Pg. no. F6 (610) BE (Civil) from Jodhpur University in 1986 (2nd Division)
2	Relevant Experience & Adequacy for the Project	70			
a)	Total Professional Experience	15			
	< 10 years		0		
	10-12 years		11		
	> 12 - 15 years		13		
	> 15 years		15		
b)	Experience in Highway Projects	25			
i)	Experience in similar projects (2/4/6 laning of NH/SH/Expressways) in project preparation/ construction/construction supervision	20			
	< 8 years-		0		
	8 - 10 years-		15		
	> 10-12 years-		17		
	> 12 years		20		
ii)	Knowledge and understanding of modern computer based method of surveying such as LIDAR survey (ground or aerial), remote sensing, GIS mapping etc. Certificate from an accredited institute to be submitted for validation	5			
	Yes		5		
	No		0		
C	Experience as Survey Engineer or in Similar Capacity for project preparation of highway project (2/4/6 laning of NH/SH/Expressways) (Minimum Aggregate length of to 120km)	30			
	< 120 km-		0		
	120 km-200km-		10		
	> 200km-300km-		15		
	> 300km- 400 km		20		
	> 400 km-500km		25		
	> 500 km		30		
	Add 2.5 marks for each additional 100 km length subject to max. 5 points additional				
3	Employment with the Firm	5			
	Less than 1 year		0		
	1 year		2		
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks				
Total (at Scale of 100)		100		93.0	
Total (at Scale of 12)		4		3.72	

Quantity Surveyor Docs Expert					
	Name	Sanjay Sudharao Jadhao			
	DOB	23.11.1970			
...	Undertaking From Consulting Firm			Attached	F6 (658)
...	Undertaking From the Professional			Attached	F6 (657)
S. No.	Description	Max. Points	Sub Points	Points Gained by Key personnel	Page No. & Description
1	Desirable Qualification	25			
i)	Full Time Graduation in Civil Engineering. For Graduation from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries give full marks. For other AICTE approved colleges give 50% marks i.e. 5 marks		15	15	F6 (635) BE (Civil) from Amravati University in 1997
ii)	Full Time Post Graduate Degree or Diploma in Quantity Surveying [AICTE/UGC approved]		10		
2	Relevant Experience & Adequacy for the Project	70			
	Total Professional Experience	15			
a)	< 10 years-		0	15	F6 (616-619) more than 18 Yrs.
	10 - 12 years-		11		
	> 12-15 years-		13		
	> 15 years		15		
b)	Experience in Highway Projects - Experience in preparation of Bill of Quantities, Contract document and documentation for major highway projects (2/4/6 laning of NH/SH/Expressways) in Assistant Quantity Surveyor capacity or Higher Designation	25		22.5	F6 (616-619) More than 18 years
	< 8 years-		0		
	8 - 10 years-		12.5		
	> 10-12 years-		15		
	> 12-15 years-		17.5		
	> 15-18 years-		20		
	> 18-20 years-		22.5		
	> 20 years		25		
c)	Experience as Quantity Surveyor or in similar capacity in Highway Projects (2/4/6 laning of NH/SH/Expressways) (Minimum Aggregate length of 120 km). Consider full length experience in Quantity Surveyor or in similar capacity and consider 2/3 length experience in case of Assistant Quantity Surveyor or in similar capacity	30		30	More than 942 km
	< 120 km-		0		
	120 km-200km-		15		
	> 200km-300km-		17.5		
	> 300km- 400 km		20		
	>400 km-500km		22.5		
	>500 km-600km		25		
	>600 km add 2.5 marks for each additional 100 km length subject to max. 5 points additional marks		30		
3	Employment with the Firm	5			
	Less than 1 year		0	0	Ni
	1 year		2		
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks		5		
Total (at Scale of 100)		100		82.5	
Total (at Scale of 12)		2		1.65	

Land Acquisition Expert					
	Name	Doourender Kumar Gautam			
	DOB	01.02.1980			
...	Undertaking From Consulting Firm			Attached	F6 (684)
...	Undertaking From the Professional			Attached	F6 (683)
S. No.	Description	Max. Points	Sub Points	Points Gained by Key personnel	Page No. & Description
1	Desirable Qualification	25			
	Graduation or equivalent in any discipline		20	20	Pg. no. F6 (680) (BA from Rajasthan University in 2002)
	Post Graduation in law		5	0	
2	Relevant Experience & Adequacy for the Project	70			
a)	Total Professional Experience	15			
	< 15 years-		0		
	15 - 17 years-		11		
	> 17-20 years-		13		
	> 20 years		15		
				15	Pg. no. F6 (661-662) 23 Yr. as a LA Expert
a)	Experience in Land Acquisition works of Government/Authority	20			
	< 10 years-		0		
	10 - 12 years-		15		
	> 12 - 15 years-		17		
	> 15 years		20		
				20	Pg. no. F6 (661-662) 23 Yr. with Pvt. Company and Govt. Client
c)	Experience in Land Acquisition works in Highway/road sector	25			
	Nil Project		0		
	1 Projects		19		
	2 Projects		22		
	3 Projects		25		
				25	Pg. no. F6 (661-662) (More than 3 projects)
d)	Retired Revenue Officer at the level of ADM/SDM	10		0	Nil
3	Employment with the Firm	5			
	Less than 1 year		0		
	1 year		2		
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks		5		
				5	More than 5 Yr.
Total (at Scale of 100)		100		85.0	
Total (at Scale of 12)		4		3.40	

Utility Expert					
	Name	Manoj Kumar Khaneja Retd. Govt. Employee			
	DOB	01.11.1961			
...	Undertaking From Consulting Firm	Attached		1962	
...	Undertaking From the Professional	Attached			
S. No.	Description	Max. Points	Sub Points	Points Gained by Key personnel	Page No. & Description
1	General Qualification	25			
	Full Time Graduation in Electrical Engineering. For Graduation from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries give full marks For other colleges give 50% marks i.e. 12.50 marks		25	25	F6 (717) BE (Electrical) from Institution of Engineers (India) in 1990
2	Relevant Experience & Adequacy for the	70			
a)	Total Professional Experience	15			
	<10 Years		0	15	Pg. no. F6 (687-688) more than 20 Yrs.
	10-15 Years		11		
	> 15-20 Years		13		
	> 20 Years		15		
b)	Experience in Utility Estimation and its laying /erection	30			
	< 8 years-		0	30	Pg. no. F6 (687-688) more than 25 Yrs.
	8 - 10 years-		15		
	> 10-15 years-		17.5		
	> 15-20 years		22.5		
	> 20-25 years		27.5		
	> 25 years		30		
c)	Experience in Utility shifting estimation and its laying/erection along Highway/roads	25			
	Nil Project		0	25	(more than 6 projects)
	1-3 project		15		
	4-6 project		20		
	> 6 project		25		
3	Employment with the Firm	5			
	Less than 1 year		0	2.5	2 Yr. with Sterling Indo JV
	1 year		2		
	Add 0.5 marks for each subsequent year subject to maximum of 3 marks				
Total (at Scale of 100)		100		97.5	
Total (at Scale of 12)		2		1.95	