

Consultancy Services for preparation of Detailed Project Report for Re-alignment of 4-laning of Urga-Pathalgaon section of NH-130A under Bharatmala Pariyojana (Part of Raipur Dhanbad Economic Corridor) between design km.114+410 to km.121+450 (total length of 7.45 km) in the State of Chhattisgarh

Sr. No.	Description	Maximum Marks	M/s Lion Engineering Consultants Private Limited	M/s Theme Engineering Services Pvt. Ltd in Association with Ishita Info Solutions Pvt. Ltd.	M/s Pioneer Infra Consultants Pvt. Ltd	M/s Mangalam Infra & Engineering Ltd. in JV with M/s Artefact Projects Limited & in Association with Yatinidhi Consultancy Pvt. Ltd.
1	Firm's Relevant Experience	50	50.00	49.00	47.00	Non-Responsive as per Clause 5.2 of LOI*
2	Material testing, survey and investigation, equipment and software proposed to be used	10	10.00	10.00	10.00	
3	Qualification and relevant experience of the proposed key personnel	40	37.74	38.56	37.10	
	Total	100.00	97.74	97.56	94.10	
			>80, Hence Qualified as per clause 5.2 of LOI			

*The CV of Sh. Mohan Singh Sakrodiya for the position of Team Leader cum Highway Engineer was evaluated & it was observed that he is having B.Tech lateral entry degree in Civil from Janardhan Rai Nagar Rajasthan Vidyapeeth which is not an AICTE recognized university. Hence, the CV is assigned '0' marks as per clause 3.24(c.)(ii) of LOI because the candidate does not possess minimum educational qualification. Further, as TL has secured '0' marks, the firm becomes Non Responsive as per clause 5.2 of LOI which states that "The CV of the proposed Team Leader should score at least 80 % marks otherwise the entire proposal shall be considered to have failed in the evaluation of Technical Proposals and shall not be considered for opening of Financial Proposals."

A. Firm's Relevant Experience (50)

Applicant No. Name of the Applicant				1/4		2/4		3/4	
				M/s Lion Engineering Consultants Private Limited		M/s Theme Engineering Services Pvt. Ltd In Association with Ishita Info Solutions Pvt. Ltd.		M/s Pioneer Infra Consultants Pvt. Ltd	
S. No.	Description	Maximum Points	Sub - Points	Assessed	Claimed	Assessed	Claimed	Assessed	Claimed
1	Specific experience of the DPR consultancy related to the assignment for eligibility	20		20	20	20	20	20	20
1.1	Aggregate Length of DPR / Feasibility study of 2/4/ 6 lane projects	10		10	10	10	10	10	10
1.1.1	> 1 but <=2 the indicative Length of the package applied for		6						
1.1.2	>2 but<=3 times the indicative length of the package applied for		7						
1.1.3	> 3 but <=4 times the indicative length of the package applied for		8						
1.1.4	> 4 but <=5 times the indicative length of the package applied for		9						
1.1.5	> 5 times the indicative length of the package applied for		10	10	10	10	10	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)	10		10	10	10	10	10	10
1.2.1	1 project		6						
1.2.2	2 projects		7						
1.2.3	3 projects		8						
1.2.4	4 projects		9						
1.2.5	> 5 projects		10	10	10	10	10	10	10
2	DPR of Bridge having length more than 200 m	5		5	5	5	5	5	5
2.1	1 bridge		1						
2.2	2 bridges		2						
2.3	3 bridges		3						
2.4	4 bridges		4						
2.5	> 5 bridges		5	5	5	5	5	5	5
3	Specific experience of firms in terms of turnover	5		5	5	5	5	3	3
3.2	Two lane 50-200 km length or 4/6 lane 30- 120 km length								
3.2.1	Firm's Average Turnover of last 5 years > 50 crore		5	5	5	5	5		
3.2.2	Firm Average Turnover of last 5 years 25 - 50 crore		4						
3.2.3	Firm Average Turnover of last 5 years > 10 but < 25 crore		3					3	3
4	Highway Professionals * working with the firm	10		10	10	9	10	9	10
4.1	<10 nos.		0						
4.2	10-19 nos.		7						
4.3	20-29 nos.		8						
4.4	> 30 nos.		9	9	9	9	9	9	9
4.5	Additional one mark will be given if minimum 20% of the above key personnel have M.Tech in any field of civil engineering		1	1	1	0	1	0	1
	*The 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.								
5	Quality of Past Performance (based on self certification)	10		10	10	10	10	10	10
5.1	Average CoS (net of positive and negative) as percentage of contract price in last 5 DPRs prepared by the firm	2.5		2.5	2.5	2.5	2.5	2.5	2.5
5.1.1	0		2.5	2.5	2.5	2.5	2.5	2.5	2.5
5.1.2	> 0 but <=2.5		2.0						
5.1.3	>2.5 but<=5		1.5						
5.1.4	>5 but<=7.5		1.0						
5.1.5	>7.5 but <=10		0.5						
5.1.6	>10		0.0						
5.2	Average area variation as percentage of acquired private land as per 1 st 3D notification in last 5 DPRs prepared by the firm	2.5		2.5	2.5	2.5	2.5	2.5	2.5
5.2.1	0		2.5	2.5	2.5	2.5	2.5	2.5	2.5
5.2.2	> 0 but <=4		2.0						
5.2.3	>4 but <=8		1.5						
5.2.4	>8 but <=12		1.0						
5.2.5	>12 but<=16		0.5						
5.2.6	>16		0.0						
5.3	Average delay in land acquisition in last 5 DPRs prepared by the firm (delay in 90% site possession wrt contract period)	2.5		2.5	2.5	2.5	2.5	2.5	2.5
5.3.1	<=3 months		2.5	2.5	2.5	2.5	2.5	2.5	2.5
5.3.2	>3 but <=6 months		2.0						
5.3.3	>6 but <=9 months		1.5						
5.3.4	>9 but <=12 months		1.0						
5.3.5	>12 months		0.0						
5.4	Average use of new materials/waste materials/new technology used in last 5 DPRs prepared by the firm as percentage of total cost of civil works	2.5		2.5	2.5	2.5	2.5	2.5	2.5
5.4.1	<=2.5		0.0						
5.4.2	>2.5 but <=5		1.0						
5.4.3	>5 but <=7.5		1.5						
5.4.4	>7.5 but<=10		2.0						
5.4.5	>10		2.5	2.5	2.5	2.5	2.5	2.5	2.5
Total				50	50	49	50	47	48

B. Material testing, survey and investigation, equipment and software proposed to be used (10)

Applicant No.				1/4	2/4	3/4
Name of the Applicant				M/s Lion Engineering Consultants Private Limited	M/s Theme Engineering Services Pvt. Ltd in Association with Ishita Info Solutions Pvt. Ltd.	M/s Pioneer Infra Consultants Pvt. Ltd
S. No.	Description	Maximum Points	Sub- Points	Assessed	Assessed	Assessed
1	Availability of Material Testing Facilities with persons/resources having operational skills of the equipment	1		1	1	1
1.1	Owned* (Available In House)		1.0	1	1	1
	* 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	2		2	2	2
2.1	Owned** (Available In House)		2.0	2	2	2
	** 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	1.5		1.5	1.5	1.5
3.1	Owned*** (Available In House)		1.5	1.5	1.5	1.5
	*** Shall be ascertained through ownership evidence uploaded on INFRACON for key hardware/software required for Highway consultancy assignment.					
4	Experience in LIDAR or better technology for topographic survey (Infrastructure sector)	3.5		3.5	3.5	3.5
4.1	1 project		1			
4.2	2 projects		2			
4.3	3 projects		2.5			
4.4	4 projects		3.0			
4.5	≥ 5 projects		3.5	3.5	3.5	3.5
5	Experience in using GPR and Induction Locator or better technologies for detection of sub-surface utilities (Infrastructure sector)	1		1	1	1
5.1	1 project		0.25			
5.2	2 projects		0.50			
5.3	3 projects		0.75			
5.4	≥ 4 projects		1.00	1	1	1
6	Experience in digitization of cadastral maps for land surveys	1		1	1	1
6.1	Area upto 100 ha		0.50			
6.2	Area between 100-500 ha		0.75			
6.3	Area > 500 ha		1.0	1	1	1
	Total	10		10	10	10

Summary Sheet of CV's																	
S. No.	Details	Total Marks	1/4					2/4					3/4				
			M/s Lion Engineering Consultants Private Limited					M/s Theme Engineering Services Pvt. Ltd In Association with Ishita Info Solutions Pvt.					M/s Pioneer Infra Consultants Pvt. Ltd				
			Name	Marks Assessed	Weighted Assessed	Marks Claimed	Weighted Claimed	Name	Marks Assessed	Weighted Assessed	Marks Claimed	Weighted Claimed	Name	Marks Assessed	Weighted Assessed	Marks Claimed	Weighted Claimed
1	TEAM LEADER cum HIGHWAY ENGINEER	12	Devendra Dandotiya	95	11.40	95.00	11.4	Mahipal Singh	93	11.16	93.00	11.16	Ajit Kumar Sahu	95	11.40	95.00	11.4
2	HIGHWAY cum PAVEMENT ENGINEER	10	Sriram Sharma	95	9.5	95	9.5	Gaurav Agarwal	98	9.8	98	9.8	Anoop Kumar Kulshrestha	94	9.4	94	9.4
3	SENIOR BRIDGE ENGINEER	10	Chandra Bhanu Tiwari	98	9.8	98	9.8	T. M. Murali	100	10	100	10	Arun Verma	87	8.7	100	10
4	Traffic / Road Signage / Marking and Safety Expert	8	Rakesh Mehra	88	7.04	90.5	7.24	Ranajit Kumar Jana	95	7.6	95	7.6	Ravi Kumar Singhal	95	7.6	95	7.6
		40			37.74		37.94			38.56		38.56			37.10		38.40

2.4.1 TEAM LEADER cum HIGHWAY ENGINEER

Applicant No.			1/4		2/4		3/4		4/4
Name of the Applicant			M/s Lion Engineering Consultants Private Limited		M/s Theme Engineering Services Pvt. Ltd in Association with Ishita Info Solutions Pvt. Ltd.		M/s Pioneer Infra Consultants Pvt. Ltd		M/s Mangalam Infra & Engineering Ltd. in JV with M/s Artefact Projects Limited & in Association with Yatindhi Consultancy Pvt. Ltd.
Name of Key Personnel			Devendra Dandotiya		Mahipal Singh		Ajit Kumar Sahu		Mohan Singh Sakrodiya
Date of Birth of KP's			10/09/1963		10/06/1971		30/06/1964		01/04/1972
S.No.	Description	Max. Points	Assessed	Claimed	Assessed	Claimed	Assessed	Claimed	
I	General Qualification	25	20	20	20	20	25	25	
i)	Degree in Civil Engineering or equivalent	20	20	20	20	20	20	20	
ii)	Post Graduation in Civil Engg./ Construction	5					5	5	
II	Relevant Experience & Adequacy for the Project	70	70	70	70	70	70	70	
a)	Total Professional Experience	15	15	15	15	15	15	15	
	<12 years	0							
	≥12 but <14 years	11							
	≥14 but <16 years	12							
	≥16 but < 18 years	13							
	≥18 but <20 years	14							
	≥ 20 years	15	15	15	15	15	15	15	
(b)	Experience in Highway Projects- Experience in Planning, project preparation and design of Highway Projects (2/4/6 laning of NH / SH / Expressways)	25	25	25	25	25	25	25	
	<8 years	0							
	≥8 but <10 years	17							
	≥10 but <12 years	19							
	≥12 but < 14 years	21							
	≥14 but <16 years	23							
	≥ 16 years	25	25	25	25	25	25	25	
c)	Experience in Similar Capacity	30	30	30	30	30	30	30	
(i)	In Feasibility of 2/4/6 laning works or DPR/IC/Construction Supervision of major highway projects i.e. 2/4/6 laning of NH/SH/Expressways in Similar Capacity (Minimum Aggregate length of 80 km)	20	20	20	20	20	20	20	
	< 80km	0							
	≥80 km but <100km	15							
	≥100 km but <150km	17							
	≥ 150km but <200 km	18							
	≥200 km but < 250 km	19							
	≥250 km	20	20	20	20	20	20	20	
(ii)	In Feasibility of 2/4/6 laning works or DPR/IC/Construction Supervision of major highway projects i.e. 2/4/6 laning of NH/SH/Expressways in Similar Capacity- Number of Projects	10	10	10	10	10	10	10	
	< 2 projects	0							
	2 projects	6							
	3 projects	7							
	4 projects	8							
	5 projects	9							
	> 5 projects	10	10	10	10	10	10	10	
III	Employment with Firm	5	5	5	3	3	0	0	
	< 1 Year	0							
	1 year	3	3	3	3	3			
	Add 0.5 marks for each		2	2	0	0	0	0	
	Total	100	95	95	93	93	95	95	
	Weightage @ 12	12	11.4	11.4	11.16	11.16	11.4	11.4	

The CV of Sh. Mohan Singh Sakrodiya for the position of Team Leader cum Highway Engineer was evaluated & it was observed that he is having B.Tech lateral entry degree in Civil from Janardhan Rai Nagar Rajasthan Vidyapeeth which is not an AICTE recognized university. Hence, the CV is assigned '0' marks as per clause 3.24(c)(ii) of LOI because the candidate does not possess minimum educational qualification. Further, as TL has secured '0' marks, the firm becomes Non Responsive as per clause 5.2 of LOI which states that "The CV of the proposed Team Leader should score at least 80 % marks otherwise the entire proposal shall be considered to have failed in the evaluation of Technical Proposals and shall not be considered for opening of Financial Proposals."

2.4.2 HIGHWAY cum PAVEMENT ENGINEER

Applicant No.			1/4		2/4		3/4	
Name of the Applicant			M/s Lion Engineering Consultants Private Limited		M/s Theme Engineering Services Pvt. Ltd in Association with Ishita Info Solutions Pvt. Ltd.		M/s Pioneer Infra Consultants Pvt. Ltd	
Name of Key Personnel			Sriram Sharma		Gaurav Agarwal		Anoop Kumar Kulshrestha	
Date of Birth of KP's			21/03/1972		11/11/1979		25/12/1959	
S.No.	Description	Max.Points	Assessed	Claimed	Assessed	Claimed	Assessed	Claimed
I	General Qualification	25	20	20	25	25	20	20
i)	Degree in Civil Engineering or equivalent [AICTE Approved]	20	20	20	20	20	20	20
ii)	Post graduation in Civil Engg [AICTE Approved]	5			5	5		
II	Relevant Experience & Adequacy for the Project	70	70	70	70	70	70	70
a)	Total Professional Experience	15	15	15	15	15	15	15
	<8years	0						
	≥8 but <10 years	11						
	≥10 but <12 years	12						
	≥12 but < 14 years	13						
	≥14 but <16 years	14						
	≥ 16 years	15	15	15	15	15	15	15
b)	Experience in Highway Projects - Experience in Design/ Pavement Design of Highway Projects (2/4/6 laning of NH/SH/Expressways)	25	25	25	25	25	25	25
	<6 years	0						
	≥6 but <8 years	17						
	≥8 but <10 years	19						
	≥10 but < 12 years	21						
	≥12 but <14 years	23						
	≥ 14 years	25	25	25	25	25	25	25
c)	Experience in Similar Capacity	30	30	30	30	30	30	30
(i)	In Design/ Pavement Design of Highway Projects (2/4/6 laning of NH/SH/Expressways) in Similar Capacity (Minimum aggregate length 80 km)	30	30	30	30	30	30	30
	<2 projects	0						
	2 projects	18						
	3 projects	21						
	4 projects	24						
	5 projects	27						
	>5 projects	30	30	30	30	30	30	30
III	Employment with Firm	5	5	5	3	3	4	4
	Less than 1 Year	0						
	1 year	3	3	3	3	3	3	3
	Add 0.5 marks for each subsequent year subject to maximum of 2 marks		2	2			1	1
	Total	100	95	95	98	98	94	94
	Weightage @ 10	10	9.5	9.5	9.8	9.8	9.4	9.4

2.4.3 SENIOR BRIDGE ENGINEER

Applicant No.			1/4		2/4		3/4	
Name of the Applicant			M/s Lion Engineering Consultants Private Limited		M/s Theme Engineering Services Pvt. Ltd in Association with Ishita Info Solutions Pvt. Ltd.		M/s Pioneer Infra Consultants Pvt. Ltd	
Name of Key Personnel			Chandra Bhanu Tiwari		T. M. Murali		Arun Verma	
Date of Birth of KP's			25/10/1962		18/6/1964		15/02/1978	
S.No.	Description	Max.Points	Assessed	Claimed	Assessed	Claimed	Assessed	Claimed
I	General Qualification	25	25	25	25	25	20	25
i)	Degree in Civil Engineering or equivalent	20	20	20	20	20	20	20
ii)	Post Graduation in Structural Engineering/ Foundation Engineering/Hydraulics	5	5	5	5	5	0 (Part time Degree, Hence Not Accepted)	5
II	Relevant Experience & Adequacy for the Project	70	70	70	70	70	62	70
a)	Total Professional Experience	15	15	15	15	15	15	15
	<8 years	0						
	≥8 but <10 years	11						
	≥10 but <12 years	12						
	≥12but <14 years	13						
	≥14 but <16 years	14						
	≥ 16 years	15	15	15	15	15	15	15
b)	Experience in Bridge Projects	25	25	25	25	25	17	25
(i)	Experience in project preparation and design of bridge projects	20	20	20	20	20	12	20
	< 6 years	0						
	≥6 but <8 years	12					12	
	≥8 but <10 years	14						
	≥10 but <12 years	16						
	≥12 but <14 years	18						
	≥ 14 years	20	20	20	20	20		20
(ii)	Experience of 2/4 lane configuration bridges	5	5	5	5	5	5	5
	<2 Projects	0						
	2 projects	3						
	3 projects	3.5						
4	4 projects	4.0						
	5 projects	4.5						
	> 5 projects	5	5	5	5	5	5	5
c)	Experience as Senior Bridge Engineer or Similar Capacity in Highway DesignConsultancy Project (2/4/6 laning of NH/SH/Expressways) involving designof Major Bridges (minimum 2 nos. of lengt more than 200m)	30	30	30	30	30	30	30
	<2 numbers	0						
	3 numbers	18						
	4 numbers	21						
	5 numbers	24						
	6 numbers	27						
	> 6 numbers	30	30	30	30	30	30	30
III	Employment with Firm	5	3	3	5	5	5	5
	Less than 1 Year	0						
	1 year	3	3	3	3	3	3	3
	Add 0.5 marks for each subsequent year subject to maximum of 2 marks				2	2	2	2
	Total	100	98	98	100	100	87	100
	Weightage @ 10	10	9.8	9.8	10	10	8.7	10

2.4.4 Traffic / Road Signage / Marking and Safety Expert

Applicant No.			1/4		2/4		3/4	
Name of the Applicant			M/s Lion Engineering Consultants Private Limited		M/s Theme Engineering Services Pvt. Ltd in Association with Ishita Info Solutions Pvt. Ltd.		M/s Pioneer Infra Consultants Pvt. Ltd	
Name of Key Personnel			Rakesh Mehra		Ranajit Kumar Jana		Ravi Kumar Singhal	
Date of Birth of KP's			05/01/1991		24/11/1976		05/06/1986	
S.No.	Description	Max.Points	Assessed	Claimed	Assessed	Claimed	Assessed	Claimed
I	General Qualification	25	20	20	20	20	20	20
i)	Degree in Civil Engineering[AICTE Approved]	20	20	20	20	20	20	20
ii)	Post graduation in Traffic Engineering /Transportation Engineering / Transportation Planning[AICTE Approved]	5						
II	Relevant Experience & Adequacy for the Project	70	65	67	70	70	70	70
a)	Total Professional Experience	15	13	13	15	15	15	15
	<6 years	0						
	≥6 but <8 years	11						
	≥8 but <10 years	12						
	≥10 but < 12 years	13	13	13				
	≥12 but <14 years	14						
	≥ 14 years	15			15	15	15	15
b)	Experience in Highway Projects - Experience on Similar Projects (2/4/6laning of NH/SH/ Expressways)	20	17	19	20	20	20	20
	<5 years	0						
	≥5 but <7 years	13						
	≥7 but <9 years	15						
	≥9 but < 11 years	17	17					
	≥11 but <13 years	19		19				
	≥ 13 years	20			20	20	20	20
c)	Experience as Traffic and Safety Expert / Traffic Engineer or in SimilarCapacity in Highway Projects (2/4/6 laning of NH/SH/Expressways) (Minimum aggregate length 80 km)	25	25	25	25	25	25	25
	<80km	0						
	≥80 km but <100km	17						
	≥100km but <150km	19						
	≥ 150km but <200 km	21						
	≥200 km but < 250 km	23						
	≥250km	25	25	25	25	25	25	25
d)	15 days' certification course on Road Safety Audit from IAHE/IITs/NITs/CRRRI	10	10	10	10	10	10	10
	No	0						
	Yes	10	10	10	10	10	10	10
III	Employment with Firm	5	3	3.50	5	5	5	5
	Less than 1 Year	0						
	1 year	3	3	3	3	3	3	3
	Add 0.5 marks for each subsequent year subject to maximum of 2 marks		0	0.5	2	2	2	2
	Total	100	88.0	90.5	95.0	95.0	95.0	95.0
	Weightage @ 8	8	7.04	7.24	7.6	7.6	7.6	7.6

Signature Not Verified

Digitally signed by PRAKASH AGRAWAL
Date: 2024.08.17 15:16:59 IST
Location: eProcurement System for Central PSUs

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