



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन और राजमार्ग मंत्रालय)
National Highways Authority of India
(Ministry of Road Transport & Highways)
क्षेत्रीय कार्यालय, चेन्नई / **Regional Office, Chennai**
'श्री टावर' 3rd मंजिल, DP-34 (SP), इंडस्ट्रीयल एस्टेट, गिण्डि, चेन्नई - 600 032
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NHAI/11016/87/RO, Chennai/E-88181

914

11th April, 2023

HOSTING OF TECHNICAL EVALUATION

Sub: NHAI – RO, Chennai - PIU, Chennai – Independent Engineer services for Operation & Maintenance of (i) Chennai Bypass from Km 0.000 to Km 32.600 in the State of Tamil Nadu, (ii) Chennai – Tada Section of NH-5 from Km 11.000 to Km 21.400 in the State of Tamil Nadu and (iii) Koyambedu - Madurovayol section of NH-4 from Km 9.410 to 13.535 in the state of Tamil Nadu.

Sir,

Please find the enclosed Technical Evaluation sheet for the bids received for the above subject work in advent to MoRT&H Circular No.RW-NH/36066/39/2015 S&R (B) dated 20.08.2015 for objections if any within a week from the date of issue of this circular.

Encl.: As above

(P. Kishore Kumar)
Manager (Tech.) &
Road Safety Officer,
Regional Office-Chennai

Copy to:

- Web Admin – For uploading in NHAI website.
- M/s. NIC for uploading it on the E-Portal

Appendix - II
Technical Evaluation Sheet

Independent Engineer Services for Operation and Maintenance of i) CBP From Km 0.000 to Km 32.600 (ii) Chennai Tada Section NH-5 from Km 11.000 to Km 21.400 and (iii) Koyambedu- Maduravoyal section of NH-4 from Km 9.410 to 13.535 in the state OF Tamil Nadu.

Sl. No.	Description	Max. Points	M/s.Bloom Companies LLC	M/s. MSV International Inc	M/s. Feedback Infra Private Limited	M/s. Artefact Projects Ltd.	M/s. Theme Engineering Services Pvt. Ltd.	M/s. L N Malviya Infra Projects Pvt Ltd
1	Relevant Experience for the assignment	35	35.00	35.00	35.00	32.00	35.00	35.00
2	Quality of approach and Methodology	5	5.00	5.00	5.00	5.00	5.00	5.00
3	Experience in use of technology for road inspection	20	20.00	20.00	20.00	20.00	20.00	20.00
4	Qualification & competence of the Key staff for the assignment	40	36.58	37.46	37.26	37.76	37.05	37.40
5	Technical Bid Score (S _t)	100.00	96.58	97.46	97.26	94.76	97.05	97.40
6	Status of Bidder (Minimum Qualification criteria is 75%)		Qualified	Qualified	Qualified	Qualified	Qualified	Qualified
7	Reasons if rejected		Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
8	Position of the Bidders		T5	T1	T3	T6	T4	T2



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Manager (T)
RO - Chennai

Evaluation Criteria for Relevant experience for the assignment of Company

Independent Engineer Services for Operation and Maintenance of i) CBP From Km 0.000 to Km 32.600 (ii) Chennai Tada Section NH-5 from Km 11.000 to Km 21.400 and (iii) Koyambedu- Maduravoyal section of NH-4 from Km 9.410 to 13.535 in the state OF Tamil Nadu.								
Sl. No.	Description	Max. Points	M/s.Bloom Companies LLC	M/s. MSV International Inc	M/s. Feedback Infra Private Limited	M/s. Artefact Projects Ltd.	M/s. Theme Engineering Services Pvt. Ltd.	M/s. L N Malviya Infra Projects Pvt Ltd
1	Year of Establishment of the Firm (In case of JV year of establishment of Lead Member shall be considered) (Min 5 years) For 5 years - 1.5 marks More than 5 years - 2 marks	2	2	2	2	2	2	2
2	Average Annual Turnover (last 5 years or in each of the preceding two years) from consultancy business (Min 5 Crore) For >50 Crores - 2 marks For 20-50 Crores- 1.5 marks For 10-20 Crores- 1 mark For 5-10 Crores- 0.5 mark	2	2	2	2	1.5	2	2
3	Numbers of key personnel with the firm more than one year with the firm. <4 personnel - 0 marks 4 to 12 - Linearly varying from 0.25 to 2 > 12 personnel - 2 marks	2	2	2	2	2	2	2
4	Experience in DPR/Feasibility cum PPR preparation for two projects of 4/6 laning of 30% of project length each or one project of 4/6 laning of 50% of project length in last 7 years 2 project 4/6 laning of 30% of project length each - 4 marks Or 1 project of 4/6 laning of 50% of project length - 4 marks Add 0.25 (Zero point two five) marks extra for each additional project subject to maximum 1 marks.	5	5	5	5	5	5	5
5	In hand DPRs for NHAI Projects For DPR project length > the length of project for which RFP invited -5 Marks For DPR project length > two times the length of project for which RFP invited -7.5 Marks For project length > three times the length of project for which RFP invited - 10 Marks	10	10	10	10	7.5	10	10
6	Experience as Independent Engineer/Authority Engineer/ Supervision Consultant two construction projects of four/six laning ** of 30% of project length each or one projects of four/six laning ** of 50% project length in last 7 years. 2 construction projects 4/6 laning of 30%of project length each - 4 marks Or 1 construction project of 4/6 laning of 50% of project length - 4 marks Add 1(one) mark extra for completed assignment of Independent Engineer and add 0.5 (Zero point five) marks extra for completed assignment of supervision consultancy subject to maximum 2 (two) mark.	6	6	6	6	6	6	6
7	Experience as Independent Engineer / Supervision Consultants one O&M project under DBFOT / OMT / O&M of four/six laning** of 50% of project length in last 7 years 1 project - 6 marks Add 0.5 (Zero point five) marks extra for each additional project subject to maximum 2 marks.	8	8	8	8	8	8	8
Relevant experience for the assignment		35	35.00	35.0	35.0	32.0	35.0	35.00



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Adequacy of the Proposed Work Plan and Methodology

Independent Engineer Services for Operation and Maintenance of i) CBP From Km 0.000 to Km 32.600 (ii) Chennai Tada Section NH-5 from Km 11.000 to Km 21.400 and (iii) Koyambedu- Maduravoyal section of NH-4 from Km 9.410 to 13.535 in the state OF Tamil Nadu.

Sl. No.	Description	Max. Points	Bloom Companies LLC	MSV International INC	Feedback Infra Private Limited	Artefact Projects Ltd.	Theme Engineering Services Pvt. Ltd.	L N Malviya Infra Projects Pvt Ltd
1	Site Appreciation (i) Average - 0.50 (ii) Good - 0.75 (iii) Very good - 1	1	1	1	1	1	1	1
2	Quality of Approach and Methodology (Review of scope of work and design review, construction supervision methodology, contract management approach, safety review / audit and O&M stage, initial view on project plan including key challenges envisaged and potential solutions) to be judged). (i) Average - 0.75 (ii). Good - 1.50 (iii) Very Good - 2.00	2	2	2	2	2	2	2
3	Internal Quality Audit Methodology and Quality Assurance Plan (i) Average - 0.75 (ii) Good - 1.50 (iii) Very Good - 2.00	2	2	2	2	2	2	2
	Total Marks	5	5	5	5	5	5	5



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Assessment of experience in use of technology for road inspection

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Sl. No.	Description	Max. Points	Bloom Companies LLC	MSV International INC	Feedback Infra Private Limited	Artefact Projects Ltd.	Theme Engineering Services Pvt. Ltd.	L N Malviya Infra Projects Pvt Ltd
1	Experience in Network Survey Vehicle (NSV) or better technology for pavement inspection • Own an equipment/MOU with Associate - 3 • 1-2 projects- 4 (3+1) • 3-5 projects- 5 (3+2) • >5 projects- 6 (3+3)	6	6	6	6	6	6	6
2	Experience in Falling Weight Deflectometer (FWD) or better technology for pavement strength measurement • Own an equipment/MOU with Associate - 2 • 1-3 projects- 2.5 (2+0.5) • >3 projects- 3 (2+1)	3	3	3	3	3	3	3
3	Experience in Mobile Bridge Inspection Unit (MBIU) or better technology for bridges inspection • Own an equipment/MOU with Associate - 2 • 1-3 projects -3 (2+1) • >3 projects -4 (2+2)	4	4	4	4	4	4	3
4	Experience in Retro reflectometer technology • Own an equipment/MOU with Associate - 2 • 1-3 projects- 3 (2+1) • >3 projects- 4 (2+2)	4	4	4	4	4	4	4
5	Experience in ATCC • Own an equipment/MOU with Associate - 1 • 1-3 projects- 2 (1+1) • >3 projects- 3 (1+2)	3	3	3	3	3	3	3
Total Marks		20	20	20	20	20	20	20



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Independent Engineer Services for Operation and Maintenance of i) CBP From Km 0.000 to Km 32.600 (ii) Chennai Tada Section NH-5 from Km 11.000 to Km 21.400 and (iii) Koyambedu- Maduravoyal section of NH-4 from Km 9.410 to 13.535 in the state OF Tamil Nadu.

Abstract of Evaluation Criteria for Key personnel

Sl. No.	Description	Team Leader	Highway cum resident Engineer	Road safety expert	Total for Key professional
	Max. Points	20	14	6	40
1	Bloom Companies LLC	18.20	12.74	5.64	36.58
2	MSV International INC	19.20	12.74	5.52	37.46
3	Feedback Infra Private Limited	18.20	13.3	5.76	37.26
4	Artefact Projects Ltd.	19.00	13.3	5.46	37.76
5	Theme Engineering Services Pvt. Ltd.	18.20	13.09	5.76	37.05
6	L N Malviya Infra Projects Pvt Ltd	19.20	12.74	5.46	37.4



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Independent Engineer Services for Operation and Maintenance of i) CBP From Km 0.000 to Km 32.600 (ii) Chennai Tada Section NH-5 from Km 11.000 to Km 21.400 and (iii) Koyambedu- Maduravoyal section of NH-4 from Km 9.410 to 13.535 in the state OF Tamil Nadu.

Technical Evaluation Criteria for Team Leader

Sl. No.	Description	Max. Points	Bloom Companies LLC	MSV International INC	Feedback Infra Private Limited	Artefact Projects Ltd.	Theme Engineering Services Pvt. Ltd.	L N Malviya Infra Projects Pvt Ltd
	Name of Person:		Sunil Singh	Tarsem Singh	Bora Ete	D.Giridhar	Syamianu Datta	M.S.Suresh
	Date of Birth	Not more than 70 years	21.11.1979	17.02.1967	26.01.1956	07.09.1965	01.03.1964	01.07.1964
1	General Qualification	25	21	21	21	25	21	21
i)	Professional Qualification: Graduate in Civil Engineering - 21 marks	21	21	21	21	21	21	21
ii)	Post Graduation in Management / Construction / Transportation / Highway Engineering / Structural Engineering / any other specialized stream of civil engineering - 04 marks.	4	0	0	0	4	0	0
2	Adequacy for the Project	70	70	70	70	70	70	70
	Professional Experience in Highway Projects							
i)	Total Highway Professional Experience < 10 years - 0 10 years - 22 Add two marks extra for each additional completed year of experience subject to maximum 8 (eight) marks.	30	30	30	30	30	30	30
ii)	Experience as Team leader / Project Manager or in Similar Capacity* in O&M of completed 4/6 lane highway sections (40% of project length or more of similar configuration (4/6 laning**) and above). < 3 years - 0 3 years - 30 Add 2.5 marks extra for each additional year of experience subject to maximum 5 (five) marks.	35	35	35.00	35	35	35	35
iii)	Experience in similar capacity* in Highway Development Projects taken up under PPP 1 projects - 4 marks add 1 mark extra for additional projects subject to maximum 1 (one) marks	5	5	5	5	5	5	5
3	Employment with the Firm							
	< 1 year - 0 1 year - 3 Add 0.5 marks for each subsequent year subject to maximum 2 marks	5	0	5	0	0	0	5
	Total :	100	91.00	96.00	91	95	91	96
	Score out of	20	18.20	19.20	18.20	19.00	18.20	19.20



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Technical Evaluation Criteria for Resident Engineer cum Highway Engineer

Annexure - D3

Sl. No.	Description	Max. Points	Bloom Companies LLC	MSV International INC	Feedback Infra Private Limited	Artefact Projects Ltd.	Theme Engineering Services Pvt. Ltd.	L N Malviya Infra Projects Pvt Ltd
	Name of Person:		Talari Ramanjaneyulu	Sunil kumar vidvarthi	Sreedhar Bhuduru	J. Marees Kumar	Pramod Kumar	Malay Chakraborty
	Date of Birth:	Not more than 70 years	20.06.1979	25.11.1971	26.01.1978	27.06.1985	01.06.1982	10.06.1972
	General Qualification: Graduate in Civil Engineering- 21 marks Post Graduation in Structural Engineering - 04 marks	25	25	25	25	25	25	25
1	i) Adequacy for the Project Professional Experience	70	70	70	70	70	67.5	70
	Total Professional Experience							
	< 7 years - 0	30	30	30	30	30	30	30
	7 years - 22							
	Add two marks extra for each additional year of experience subject to maximum 8 (eight) marks.							
	Experience in similar capacity in Construction/Construction Supervision of Bridge/Interchange/any other structures including rehabilitation							
	< 3 years - 0	15	15	15	15	15	15	15
	3 years - 12							
	Add one marks extra for each additional completed year of experience subject to maximum 3 (Three) marks							
	iii) Experience in similar capacity in Construction / Construction Supervision of Bridge / Interchange / any other structures including rehabilitation of 4/6 lane highway/expressway or similar project.	25	25	25	25	25	22.50	25
	1 Project - 20							
	Add 2.5 mark extra for each additional project subject to maximum 5 (five) mark							
3	Employment with the firm							
	< 1 year - 0							
	1 year - 3	5	0.0	0	0	0	5	0.0
	Add 0.5 marks for each subsequent year subject to maximum 2 marks							
	Total :	100	91.0	91.0	95.0	95.0	93.5	91.0
	Score out of	14	12.74	12.74	13.3	13.3	13.09	12.74



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Technical Evaluation Criteria for Road Safety Expert

Sl. No.	Description	Max. Points	Bloom Companies LLC	MSV International INC	Feedback Infra Private Limited	Artefact Projects Ltd.	Theme Engineering Services Pvt. Ltd.	L N Malviya Infra Projects Pvt Ltd
	Name of Person:		Shri. MK. Khan	Shri. Vinod Sharma	Shri. Raveendra Babu Talluri	Shri. Jagan Selva Prabhu	Shri. Ranajit Kumar jana	Shri. Ramdasase
	Date of Birth:	Not more than 70 years	16.01.1982	29.07.1960	02.05.1983	04.07.1983	20.11.1976	02.09.1987
1	General Qualification	25						
i)	Professional Qualification: Graduate in Civil Engineering- 21 marks Post-Graduation in Traffic/Transportation/Safety Engineering - 04 marks	25	25	25	25	21	21	21
2	Adequacy for the Project	70	69	70	66	70	70	70
	Professional Experience							
i)	Total Professional Experience < 7 years - 0 7 years - 22 Add two marks extra for each additional year of experience subject to maximum 8 (eight) marks.	30	30	30	30	30	30	30
ii)	Experience in similar capacity* in Road Safety Works of Major Highway Projects (4/6 laning projects) < 3 years - 0 3 years - 17 Add one mark extra for each additional year of experience subject to maximum 3 (three) marks.	20	20	20	20	20	20	20
iii)	Experience in similar capacity in Road Safety Audit of 4/6 lane highway/Expressway projects of similar configuration 4/6 laning**and above 1 nos. -12 Add 1 (one) mark extra for each additional project subject to maximum 3(three) marks.	15	14	15	14.33	15	15	15
iv)	Experience in similar capacity in preparation of Road Safety Management Plan for Inter Urban Highways 1 project - 3 More than one project - 5 marks	5	5	2	1.67	5	5	5
3	Employment with firm							
i)	< 1 year - 0 1 year - 3 Add 0.5 marks for each subsequent year subject to maximum 2 marks	5	0	0	5	0.00	5.00	0.00
	Total :	100	94	92	96	91.00	96.00	91.00
	Score out of	6	5.64	5.52	5.76	5.460	5.760	5.46


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