



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
'SRI TOWER', 3rd Floor, DP-34 (SP), Industrial Estate, Guindy, Chennai - 600 032.

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NHAI/11016/83/2020/RO Chennai/ 3467

08th December, 2020

Opening of Financial Bid on 09.12.2020 at 11.30 Hrs

Sub: NHAI RO Chennai – PIU Kancheepuram – Consultancy Services of Supervision Consultant (SC) for Operation & Maintenance from Km 13/800 to Km 37/000 of Maduravoyal to Sriperumbudur Section of NH – 48 (Old NH 4) and Operation & maintenance from Km 28/000 to Km 121/000 of Tambaram to Tindivanam section of NH - 32 (Old NH 45) in the State of Tamil Nadu (Tender Reference No. NHAI/RO Chennai/SC/2020-21/27) – Reg.

The Technical Bids were evaluated and hosted on the website on 21.10.2020 vide letter No.2989 dated 21.10.2020 and objections / comments, if any, were invited there upon. Within the stipulated time M/s. Artefact Projects Limited has raised certain objections. The same has been examined and the Technical Bids have been evaluated. As per the same there is no change in position of Technical Bids of Bidders (Copy Enclosed).

The Financial Bids shall be opened on 09.12.2020 at 11.30 Hrs at Regional Office, Chennai. Bidders are requested to make it convenient to be present at the time of Opening of Financial Bids.

Encl.: As above

G. Athipathi
(G. Athipathi)

Manager (Tech)

Regional Office, Chennai

Copy to:

- Web Admin – For uploading on NHAI Website
- M/s. NIC – For uploading it on the E-portal



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(सड़क परिवहन और राजमार्ग मंत्रालय)
National Highways Authority of India
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क्षेत्रीय कार्यालय, चेन्नई / Regional Office, Chennai
'श्री टावर' 3rd मंजिल, DP-34 (SP), इंडस्ट्रियल एस्टेट, गिण्डि, चेन्नई - 600 032
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NHAI/RO Chennai/11016/83/2020/2989

21st October, 2020

HOSTING OF TECHNICAL EVALUATION

Sub: NHAI, RO Chennai- Consultancy Services of Supervision Consultant (SC) for Operation & Maintenance from Km 13/800 to Km 37/000 of Maduravoyal to Sriperumbudhur Section of NH-48 and Operation and Maintenance from Km 28/000 to Km 121/000 of Tambaram to Tindivanam section of NH-45 in the State of Tamil Nadu. (Consultancy Package No NHAI/RO Chennai/SC/2020-21/27))- **Engagement of New Supervision Consultant (SC)- Reg.**

Please find enclosed the Technical Evaluation sheet for the bids received for the above subject work in advert 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


(G.Athipathi)
Manager (Tech.)
Regional Office – Chennai

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Annexure - A

Consultancy Services of Supervision Consultant (SC) for Operation & Maintenance from Km 13/800 to Km 37/000 of Maduravoyal to Sriperumbudhur Section of NH-48 and Operation and Maintenance from Km 28/000 to Km 121/000 of Tambaram to Tindivanam section of NH-45 in the State of Tamil Nadu. (Consultancy Package No NHAI/RO Chennai/SC/2020-21/27)

Technical Evaluation Sheet

Sl. No.	Description	Max. Points	M/s. Artefact Projects Limited in Association with Renaissance LOT LLP	M/s. MSV International Inc. in association with (as a Sub Consultant) Saadhya Infra Solutions LLP	M/s. Theme Engineering Services Private Limited
1	Relevant Experience for the assignment	35	31.50	34.00	34.5
2	Quality of approach and Methodology	5	5.00	5.00	5.00
3	Experience in use of technology for road inspection	20	20.00	20.00	20.00
4	Qualification & competence of the Key staff for the assignment	40	32.39	37.70	36.94
	Technical Bid Score (S_t)	100	88.89	96.70	96.44
3	Status of Bidder		Pre Qualified	Pre Qualified	Pre Qualified
4	Position of the Bidders		L3	L1	L2


 21/12/20
 Shri. G. Athipathi,
 Manager (T),
 RO Chennai

Consultancy Services of Supervision Consultant (SC) for Operation & Maintenance from Km 13/800 to Km 37/000 of Maduravoyal to Sriperumbudhur Section of NH-48 and Operation and Maintenance from Km 28/000 to Km 121/000 of Tambaram to Tindivanam section of NH-45 in the State of Tamil Nadu. (Consultancy Package No NHAI/RO Chennai/SC/2020-21/27)

Evaluation Criteria for Relevant experience for the assignment of Company

Sl. No.	Description	Max. Points	M/s. Artefact Projects Limited in Association with Renaissance LOT LLP	M/s. MSV International Inc. in association with (as a Sub Consultant) Saadhya Infra Solutions LLP	M/s. Theme Engineering Services Private Limited
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	2.0
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	1.5	2.0	2.0
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	2.0
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	4.50	5.00	5.00
5	<u>In hand DPRs for NHAI Projects</u> 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	7.5	10.0	10.0
6	Experience as Independent Engineer / Authority Engineer / Supervision Consultant two <u>construction projects of four/six laning</u> ** 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) marks.	6	6	5.0	6.0

[Signature]

Evaluation Criteria for Relevant experience for the assignment of Company

Sl. No.	Description	Max. Points	M/s. Artefact Projects Limited in Association with Renaissance LOT LLP	M/s. MSV International Inc. in association with (as a Sub Consultant) Saadhya Infra Solutions LLP	M/s. Theme Engineering Services Private Limited
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	8.0	8.0	7.5
Relevant experience for the assignment		35	31.5	34.0	34.5


Shri. G. Athipathi,
Manager (T),
RO Chennai

Consultancy Services of Supervision Consultant (SC) for Operation & Maintenance from Km 13/800 to Km 37/000 of Maduravoyal to Sriperumbudhur Section of NH-48 and Operation and Maintenance from Km 28/000 to Km 121/000 of Tambaram to Tindivanam section of NH-45 in the State of Tamil Nadu.

(Consultancy Package No NHAI/RO Chennai/SC/2020-21/27)

Adequacy of the Proposed Work Plan and Methodology

Sl. No.	Description	Max. Points	M/s. Artefact Projects Limited in Association with Renaissance LOT LLP	M/s. MSV International Inc. in association with (as a Sub Consultant) Saadhya Infra Solutions LLP	M/s. Theme Engineering Services Private Limited
1	Site Appreciation (i) Average - 0.50 (ii) Good - 0.75 (iii) Very good - 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, approach, 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
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
	Total Marks	5	5	5	5


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Assessment of experience in use of technology for road inspection

Sl. No.	Description	Max. Points	M/s. Artefact Projects Limited in Association with Renaissance LOT LLP	M/s. MSV International Inc. in association with (as a Sub Consultant) Saadhya Infra Solutions LLP	M/s. Theme Engineering Services Private Limited
1	Experience in Network Survey Vehicle (NSV) or better technology for pavement inspection • Own an equipment / MOU with Associate - 3 • 1-2 projects - 4 • 3-5 projects - 5 • >5 projects - 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 • >3 projects - 3	3	3	3	3
3	Experience in Mobile Bridge Inspection Unit or better technology for bridge inspection • Own an equipment / MOU with Associate - 2 • 1-3 projects - 3 • >3 projects - 4	4	4	4	4
4	Experience in Retro reflectometer technology • Own an equipment / MOU with Associate - 2 • 1-3 projects - 3 • >3 projects - 4	4	4	4	4
5	Experience in Automatic Traffic Counter cum Classifier (ATCC) • Own an equipment / MOU with Associate - 1 • 1-3 projects - 2 • >3 projects - 3	3	3	3	3
	Total Marks	20.0	20.0	20.0	20.0


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Annexure E

Consultancy Services of Supervision Consultant (SC) for Operation & Maintenance from Km 13/800 to Km 37/000 of Maduravoyal to Sriperumbudhur Section of NH-48 and Operation and Maintenance from Km 28/000 to Km 121/000 of Tambaram to Tindivanam section of NH-45 in the State of Tamil Nadu. (Consultancy Package No

Abstract of Evaluation Criteria for Key personnel						
Sl. No.	Description	Team Leader Cum Senior Highway Engineer	Highway Maintenance cum Resident Engineer	Bridge / Structural Engineer	Road Safety Expert	Total for Key professional
	Max. Points	20	10	5	5	40
1	M/s. Artefact Projects Limited in Association with Renaissance LOT LLP	13.94	9.45	4.50	4.50	32.390
2	M/s. MSV International Inc. in association with (as a Sub Consultant) Saadhya Infra Solutions LLP	19.8	9.1	4.55	4.25	37.700
3	M/s. Theme Engineering Services Private Limited	18.000	9.500	4.738	4.700	36.938


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Consultancy Services of Supervision Consultant (SC) for Operation & Maintenance from Km 13/800 to Km 37/000 of Maduravoyal to Sriperumbudhur Section of NH-48 and Operation and Maintenance from Km 28/000 to Km 121/000 of Tambaram to Tindivanam section of NH-45 in the State of Tamil Nadu. (Consultancy Package No NHAI/RO Chennai/SC/2020-21/27)

Technical Evaluation Criteria for Team Leader

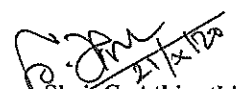
Sl. No.	Description	Max. Points	M/s. Artefact Projects Limited in Association with Renaissance LOT LLP	M/s. MSV International Inc. in association with (as a Sub Consultant) Saadhya Infra Solutions LLP	M/s. Theme Engineering Services Private Limited
		20			
	Name of Person:		Mr.K.C.Parameswaran	Mr.Macha Venkata Sreedhar	Mr.Manoj Kumar
	Date of Birth		24.06.1958	26.09.1972	31.12.1968
1	General Qualification	25			
i)	Professional Qualification: Graduate in Civil Engineering - 21 marks	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	4	4	0
2	Adequacy for the Project	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
ii)	Experience as Team leader / Project Manager or in Similar Capacity* in O&M of completed 4/6 lane highway sections < 3 years - 0 3 years - 30 Add 2.5 marks extra for each additional year of experience subject to maximum 5 (five) marks.	35	10.7	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	4	5	4
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	4	0
	Total	100	69.7	99	90
	Score out of	20	13.94	19.8	18.00


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Consultancy Services of Supervision Consultant (SC) for Operation & Maintenance from Km 13/800 to Km 37/000 of Maduravoyal to Sriperumbudhur Section of NH-48 and Operation and Maintenance from Km 28/000 to Km 121/000 of Tambaram to Tindivanam section of NH-45 in the State of Tamil Nadu. (Consultancy Package No NHAI/RO Chennai/SC/2020-21/27)

Technical Evaluation Criteria for Highway Maintenance cum Resident Engineer

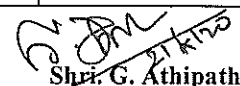
Sl. No.	Description	Max. Points	M/s. Artefact Projects Limited in Association with Renaissance LOT LLP	M/s. MSV International Inc. in association with (as a Sub Consultant) Saadhya Infra Solutions LLP	M/s. Theme Engineering Services Private Limited
		10			
	Name of Person:		Mr.Shiv Kumar Yadav	Mr.M.Suresh	P.S.Devendranath
	Date of Birth:	Not more than 70 years	30.12.1970	08.08.1965	30.11.1955
1	General Qualification	25			
i)	Professional Qualification: Graduate in Civil Engineering- 21 marks	21	21.00	21.00	21.00
ii)	Post Graduation in Highway Engg.- 04 marks	4	0.00	0.00	0.00
2	Adequacy for the Project	70			
	Professional Experience				
i)	Experience in Highway works (inspection / design / construction / maintenance) <7 years - 0 7years - 22 Add two marks extra for each additional completed year of experience subject to maximum 8 (eight) marks.	30	30.00	30.00	30.00
ii)	Experience in similar capacity* in highway Construction / Maintenance works of similar nature < 3 years - 0 3 years - 12 Add one marks extra for each additional completed year of experience subject to maximum 3 (three) marks.	15	15.00	15.00	15.00
iii)	Experience in similar capacity* in project involving Construction / Maintenance works of 4/6 laning / Expressways 1 project - 20 Add 2.5 marks extra for each project to maximum 5 (five) marks.	25	25.00	25.00	25.00
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	3.50	0.00	4.00
	Total	100	94.50	91.00	95.00
	Score out of	10	9.45	9.10	9.50


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Technical Evaluation Criteria for Bridge / Structural Engineer

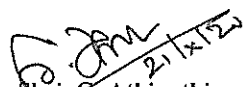
Sl. No.	Description	Max. Points	M/s. Artefact Projects Limited in Association with Renaissance LOT LLP	M/s. MSV International Inc. in association with (as a Sub Consultant) Saadhya Infra Solutions LLP	M/s. Theme Engineering Services Private Limited
		5			
	Name of Person:		Mr.Sajjad Basha	Mr.Burapu Prasad	Mr. S.Jagadeesha
	Date of Birth:	Not more than 70 years	06.06.1965	07.08.1977	21.06.1965
1	General Qualification	25			
i)	Professional Qualification: Graduate in Civil Engineering- 21 marks	21	21.00	21.00	21.00
ii)	Post Graduation in Structural Engg.- 04 marks	4	4.00	0.00	-
2	Adequacy for the Project	70			
	Professional Experience				
i)	Total Professional Experience <7 years - 0 7years - 22 Add two marks extra for each additional year of experience subject to maximum 8 (eight) marks.	30	30.00	30.00	30.00
ii)	Experience in similar capacity* in Construction/Construction Supervision of Bridge/Interchange/ Any other structure including Rehabilitation < 3 years - 0 3 years - 16 Add one mark extra for each additional completed year of experience subject to maximum 4 (Four marks).	20	16.00	20.00	20.00
iii)	Experience in similar capacity* in Construction/Construction Supervision of Bridge/Interchange/Any other structure including Rehabilitation of 4/6 laning Highway/Expressway or similar projects 1 project - 16 Add one mark extra for each additional project subject to maximum 4 (Four marks).	20	19.00	20.00	20.00
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	0.00	0.00	3.75
	Total	100	90.00	91.00	94.75
	Score out of	5	4.50	4.55	4.74


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Technical Evaluation Criteria for Road Safety Expert

Sl. No.	Description	Max. Points	M/s. Artefact Projects Limited in Association with Renaissance LOT LLP	M/s. MSV International Inc. in association with (as a Sub Consultant) Saadhya Infra Solutions LLP	M/s. Theme Engineering Services Private Limited
		5			
	Name of Person:		Pratap Singh	Mr.Venkata Raghavan	Mr.Kishore Kumar Maurya
	Date of Birth:	Not more than 70 years	08.04.1958	05.04.1979	10.02.1957
1	General Qualification	25			
i)	Professional Qualification: Graduate in Civil Engineering- 21 marks	21	21.00	21.00	21.00
ii)	Post Graduation in Traffic / Transportation / Safety Engineering - 04 marks	4	4.00	0.00	0.00
2	Adequacy for the Project	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	30.00	30.00	30.00
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	20.00	20.00	20.00
iii)	Experience in similar capacity* in Road Safety Audit of 4/6 lane highway / expressway projects 1 project - 12 Add 1 (one) mark extra for each additional project subject to maximum 3 (three) marks.	15	12.00	14.00	15.00
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	0.00	0.00	5.00
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	3.00	0.00	3.00
	Total	100	90.00	85.00	94.00
	Score out of	5	4.50	4.25	4.70


Shri. G. Athipathi,
Manager (T),
RO Chennai