



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

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

क्षेत्रीय कार्यालय, सी-129, विद्यालय मार्ग, पथ संख्या 2सी,
अशोक नगर, राँची-834002 (झारखण्ड)

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NHAI/RO/Jharkhand/DPR/NH-33/2021/

To

Dated: 13.02.2023

All bidders

Sub: Consultancy Services for preparation of Detailed Project Report for rehabilitation/reconstruction of existing retained bridges in Ranchi-Rargaon-Mahulua section from Km. 114.000 to Km. 277.500 of NH-33 in the state of Jharkhand- **Results of Technical evaluation-reg**

The Technical Score of the firms based on technical evaluation is as under:

S.no	Bidders	Technical Score	Responsiveness	Remarks
1.	Geo Test House (A Division of Geo Designs and Research (P) Ltd.) in association with Sk Global Infracon Pvt. Ltd.	-	Non-Responsive	Team Leader not meeting the essential experience as prescribed in Enclosure-II of TOR of RFP. Non-responsive as per clause 3.2.4(ii) of LOI of RFP.
2.	Technical Consultancy Services in association with Festal Consulting Engineers Pvt Ltd	-	Non-Responsive	Team Leader failed to score 75 marks. Non-responsive as per clause 3.2.4(ii) of LOI of RFP.
3.	Theme Engineering Services Pvt. Ltd. in association with Ishita Info Solutions Pvt Ltd.	87.33	Responsive	
4.	URS Scott Wilson India Private Limited in association with Sri Infotech	90.65	Responsive	

2. The detailed evaluation sheet for the bidders is enclosed herewith. Bidders are given opportunity to respond by 20.02.2023 upto 15:00 Hrs, in case any objection and to submit the requisite details/documents within this period.

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Consultancy Services for preparation of Detailed Project Report for rehabilitation/reconstruction of existing retained bridges in Ranchi-Rargaon-Mahulia section from Km. 114.000 to Km. 277.500 of NH-33 in the state of Jharkhand

	Description	Max marks	Geo Test House (A Division of Geo Designs and Research (P) Ltd.) in association with Sk Global Infracon Pvt. Ltd.	Technical Consultancy Services in association with Festal Consulting Engineers Pvt Ltd	Theme Engineering Services Pvt. Ltd. in association with Ishita Info Solutions Pvt Ltd.	URS Scott Wilson India Private Limited in association with Sri Infotech
A	Experience of the firm	40	Not Evaluated. Team Leader not meeting the essential experience as prescribed in Enclosure-II of TOR of RFP. Non-responsive as per clause 3.2.4(ii) of LOI of RFP.	Not Evaluated. Team Team Leader failed to score 75 marks. Non-responsive as per clause 3.2.4(ii) of LOI of RFP.	35	35
B	Material testing survey etc	20			17	16.75
C	Qualification and relevant experience of personnel	40			35.33	38.90
	Total	100			87.33	90.65

Consultancy Services for preparation of Detailed Project Report for rehabilitation/reconstruction of existing retained bridges in Ranchi-Rargaon-Mahulia section from Km. 114.000 to Km. 277.500 of NH-33 in the state of Jharkhand

A. Firm's relevant experience in last 7 years

S.No.	Description	Maximum Points	Sub-Points	Geo Test House (A Division of Geo Designs and Research (P) Ltd.) in association with Sk Global Infracon Pvt. Ltd.	Technical Consultancy Services in association with Festal Consulting Engineers Pvt Ltd	Theme Engineering Services Pvt. Ltd. in association with Ishita Info Solutions Pvt Ltd.	URS Scott Wilson India Private Limited in association with Sri Infotech
1	Specific experience of the DPR consultancy related to the assignment for eligibility	15		Not Evaluated	Not Evaluated	8	8
1.1	Aggregate Length of DPR / Feasibility study of 2/4/ 6 lane projects	8					
1.1.1	More than the indicative Length of the package applied for		6				
1.1.2	More than 2 times the indicative length of the package applied for		7				
1.1.3	More than 3 times the indicative length of the package applied for		8				
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)	7				7	7
1.2.1	1 project		5				
1.2.2	2 projects		6				
1.2.3	≥ 3 projects		7				
2	DPR of Bridge having length more than 200 m	5				5	5

Consultancy Services for preparation of Detailed Project Report for rehabilitation/reconstruction of existing retained bridges in Ranchi-Rargaon-Mahulia section from Km. 114.000 to Km. 277.500 of NH-33 in the state of Jharkhand

S.No.	Description	Maximum Points	Sub-Points	Geo Test House (A Division of Geo Designs and Research (P) Ltd.) in association with Sk Global Infracon Pvt. Ltd.	Technical Consultancy Services in association with Festal Consulting Engineers Pvt Ltd	Theme Engineering Services Pvt. Ltd. in association with Ishita Info Solutions Pvt Ltd.	URS Scott Wilson India Private Limited in association with Sri Infotech
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				
3	Specific experience of firms in terms of turnover	5		Not Evaluated	Not Evaluated	5	5
3.1	Firm's Average Turnover of last 5 years >50 crore		5				
3.2	Firm Average Turnover of last 5 years 20-50 crore		4.5				
3.3	Firm Average Turnover of last 5 years >5 crore but <20 crore		4				
4	DPR for special category projects (Special bridges)						
4.1	DPR of number of special bridges/ tunnels (if applicable)	5				0	0
4.1.1	1 project		1				
4.1.2	2 projects		2				
4.1.3	3 projects		3				
4.1.4	4 projects		4				
4.1.5	≥ 5 projects		5				

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5	Highway Professionals * working with the firm	10					
5.1	<10 nos.		0				
5.2	10-20 nos.		8			10	10
5.3	>20-30 nos.		9				
5.4	>30 nos.		10				
	Total					35	35

Consultancy Services for preparation of Detailed Project Report for rehabilitation/reconstruction of existing retained bridges in Ranchi-Rargaon-Mahulia section from Km. 114.000 to Km. 277.500 of NH-33 in the state of Jharkhand

B. Material testing, survey and investigation, equipment and software proposed to be used (20)

S. No.	Description	Maximum Points	Sub-Points	Geo Test House (A Division of Geo Designs and Research (P) Ltd.) in association with Sk Global Infracon Pvt. Ltd.	Technical Consultancy Services in association with Festal Consulting Engineers Pvt Ltd	Theme Engineering Services Pvt. Ltd. in association with Ishita Info Solutions Pvt Ltd.	URS Scott Wilson India Private Limited in association with Sri Infotech
1	Availability of Material Testing Facilities with persons/resources having operational skills of the equipment	3		Not Evaluated	Not Evaluated	3	3
1.1	Owned* (Available In House)		3				
1.2	Outsourced (Hire basis/Through Associate)		2.25				
2	Availability of Field Investigation Facilities with persons/resources having operational skills of the equipment	2				2	1.5
2.1	Owned** (Available In House)		2				
2.2	Outsourced (Hire basis/Through Associate)		1.5				
3	Availability of Office Equipment and Software with persons/resources having operational skills of the equipment	3				3	2.25
3.1	Owned*** (Available In House)		3				
3.2	Outsourced (Hire basis/Through Associate)		2.25				
4	Experience in LiDAR or better technology for topographic survey (Infrastructure sector)	5				5	5

Consultancy Services for preparation of Detailed Project Report for rehabilitation/reconstruction of existing retained bridges in Ranchi-Rargaon-Mahulia section from Km. 114.000 to Km. 277.500 of NH-33 in the state of Jharkhand

S. No.	Description	Maximum Points	Sub-Points	Geo Test House (A Division of Geo Designs and Research (P) Ltd.) in association with Sk Global Infracon Pvt. Ltd.	Technical Consultancy Services in association with Festal Consulting Engineers Pvt Ltd	Theme Engineering Services Pvt. Ltd. in association with Ishita Info Solutions Pvt Ltd.	URS Scott Wilson India Private Limited in association with Sri Infotech
4.1	1 project		1				
4.2	2 projects		2				
4.3	3 projects		3				
4.4	4 projects		4				
4.5	≥ 5 projects		5				
5	Experience in using GPR and Induction Locator or better technologies for detection of sub-surface utilities (Infrastructure sector)	4				4	2
5.1	1 project		1				
5.2	2 projects		2				
5.3	3 projects		3				
5.4	≥ 4 projects		4				
6	Experience in Bridge investigation using MBIU (Mobile bridge inspection unit)	3				0	3
6.1	1 project		1				
6.2	2 projects		2				
6.3	≥ 3 projects		3				
Total				Not Evaluated	Not Evaluated	17	16.75

Consultancy Services for preparation of Detailed Project Report for rehabilitation/reconstruction of existing retained bridges in Ranchi-Rargaon-Mahulia section from Km. 114.000 to Km. 277.500 of NH-33 in the state of Jharkhand

C. Qualification and Competence of the Key Staff for adequacy of the Assignment.

1. TEAM LEADER cum SENIOR BRIDGE ENGINEER

S. No.	Description		Max. Points	Geo Test House (A Division of Geo Designs and Research (P) Ltd.) in association with Sk Global Infracon Pvt. Ltd.	Technical Consultancy Services in association with Festal Consulting Engineers Pvt Ltd	Theme Engineering Services Pvt. Ltd. in association with Ishita Info Solutions Pvt Ltd.	URS Scott Wilson India Private Limited in association with Sri Infotech
I	General Qualification		25	No project having length of 50 km. Team Leader not meeting the essential experience as prescribed in Enclosure-II of TOR of RFP. Non-responsive as per clause 3.2.4(ii) of LOI of RFP.			
i)	Degree in Civil Engineering or equivalent [AICTE Approved]		20		20	20	20
ii)	Post Graduation in Structural Engineering, Degree/Diploma/Certificate in Construction Management		5		0	5	5
I I	Relevant Experience & Adequacy for the Project		70				
a)	Total Professional Experience		15		11	15	15
	<15 years	0					
	15-18 years	11					
	>18-21 years	13					
	> 21 years	15					
(b)	Experience in Bridge Project - Experience in major Bridge Construction / Development Project		25		25	25	25
	< 5 years	0					
	6-8 years	19					
	>8-10 years	22					

Consultancy Services for preparation of Detailed Project Report for rehabilitation/reconstruction of existing retained bridges in Ranchi-Rargaon-Mahulia section from Km. 114.000 to Km. 277.500 of NH-33 in the state of Jharkhand

	>10 years	25					
c)	Experience in Similar Capacity		30				
(i)	As Team Leader/Project Manager or similar capacity of at least Two projects in Construction Supervision / IC involving 4 laning/6-laning/Expressway of minimum 50km length and atleast two major bridge of a length 500 mtr. (Excluding approaches).		20		0 (No project of Construction Supervision / IC)	0	20
	< 80km	0					
	80 km-150km	15					
	>150km-250km	17					
	> 250km	20					
(ii)	In Feasibility of 2/4/6laning 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
	< 2 projects	0					
	2 projects	8					
	3- 5 projects	9					
	> 5 projects	10					
III	Employment with Firm		5		0	0	0
	> 1 Year	0					
	1 year	3					
	Add 0.5 marks for each subsequent year subject to maximum of 2 marks						
	Total		100		66	75	95
					Team Leader failed to score 75 marks. Non-responsive as per clause 3.2.4(ii) of LOI of RFP.		

Consultancy Services for preparation of Detailed Project Report for rehabilitation/reconstruction of existing retained bridges in Ranchi-Rargaon-Mahulia section from Km. 114.000 to Km. 277.500 of NH-33 in the state of Jharkhand

2. HIGHWAY cum PAVEMENT ENGINEER

S.No.	Description		Max. Points	Geo Test House (A Division of Geo Designs and Research (P) Ltd.) in association with Sk Global Infracon Pvt. Ltd.	Technical Consultancy Services in association with Festal Consulting Engineers Pvt Ltd	Theme Engineering Services Pvt. Ltd. in association with Ishita Info Solutions Pvt Ltd.	URS Scott Wilson India Private Limited in association with Sri Infotech
I	General Qualification		25	Not Evaluated	Not Evaluated		
i)	Degree in Civil Engineering or equivalent [AICTE Approved]					20	20
ii)	Post graduation in Highway Engg/ Transportation Engineering[AICTE Approved]		5			5	5
II	Relevant Experience & Adequacy for the Project		70				
a)	Total Professional Experience		15			15	15
	<8years	0					
	8-12 years	11					
	>12-15 years	13					
	>15 years	15					
(b)	Experience in Highway Projects - Experience in Design/ Pavement Design of Highway Projects (2/4/6 laning of NH/SH/Expressways)		25				
	<6 years	0				19	25
	6-10years	19					
	>10-15 years	22					
	>15years	25					
c)	Experience in Similar Capacity						

Consultancy Services for preparation of Detailed Project Report for rehabilitation/reconstruction of existing retained bridges in Ranchi-Rargaon-Mahulia section from Km. 114.000 to Km. 277.500 of NH-33 in the state of Jharkhand

(i)	In Design/ Pavement Design of Highway Projects (2/4/6laning ofNH/SH/Expressways) in Similar Capacity (Minimum aggregate length 80 km)		20	Not Evaluated	Not Evaluated	20	20
	<80km	0					
	80km-150km	15					
	>150km-250km	17					
	>250km	20					
(ii)	InDesign/Pavement Design ofHighwayProjects(2/4/6laningofNH/SH/Expressways) in Similar Capacity – Number of Projects		10				
	2 projects	8					
	3- 5 projects	9					
	> 5 projects	10					
III	Employment with Firm	5					
	Less than 1 Year						
	1 year		3				
	Add 0.5 marks for each subsequent year subject to maximum of 2 marks						
	Total		100				
			89	100			

Consultancy Services for preparation of Detailed Project Report for rehabilitation/reconstruction of existing retained bridges in Ranchi-Rargaon-Mahulia section from Km. 114.000 to Km. 277.500 of NH-33 in the state of Jharkhand

3. Bridge Structural Engineer

S. No.	Description		Max. Points	Geo Test House (A Division of Geo Designs and Research (P) Ltd.) in association with Sk Global Infracon Pvt. Ltd.	Technical Consultancy Services in association with Festal Consulting Engineers Pvt Ltd	Theme Engineering Services Pvt. Ltd. in association with Ishita Info Solutions Pvt Ltd.	URS Scott Wilson India Private Limited in association with Sri Infotech
I	General Qualification		25				
i)	Degree in Civil Engineering or equivalent[AICTE Approved]		20	Not Evaluated	Not Evaluated	20	20
ii)	Post Graduation in Structural Engineering/ Bridge Engineering[AICTE Approved]		5			5	5
II	Relevant Experience & Adequacy for the Project		70				
a)	Total Professional Experience		15			15	15
	<8 years	0					
	8-10 years	11					
	>10-15=12 years	13					
	>12 years	15					
b)	Experience in Bridge Projects		25				
(i)	Experience in project preparation and design of bridge projects		25			25	25
	<5 years	0					
	5-8 years	19					
	>8-10 years	22					

Consultancy Services for preparation of Detailed Project Report for rehabilitation/reconstruction of existing retained bridges in Ranchi-Rargaon-Mahulia section from Km. 114.000 to Km. 277.500 of NH-33 in the state of Jharkhand

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	>10 years	25					
c)	Experience as Senior Bridge Engineer or Similar Capacity		30	Not Evaluated	Not Evaluated	30	30
	<2 numbers	0					
	2-4 numbers	24					
	5-6 numbers	27					
	> 6 numbers	30					
III	Employment with Firm		5			4.5	0
	Less than 1 Year	0					
	1 year	3					
	Add 0.5 marks for each subsequent year subject to maximum of 2 marks						
	Total		100	Not Evaluated	Not Evaluated	99.5	95

Consultancy Services for preparation of Detailed Project Report for rehabilitation/reconstruction of existing retained bridges in Ranchi-Rargaon-Mahulia section from Km. 114.000 to Km. 277.500 of NH-33 in the state of Jharkhand

4. MATERIAL ENGINEER cum GEOTECHNICAL ENGINEER cum GEOLOGIST

S. No.	Description		Max. Points	Geo Test House (A Division of Geo Designs and Research (P) Ltd.) in association with Sk Global Infracon Pvt. Ltd.	Technical Consultancy Services in association with Festal Consulting Engineers Pvt Ltd	Theme Engineering Services Pvt. Ltd. in association with Ishita Info Solutions Pvt Ltd.	URS Scott Wilson India Private Limited in association with Sri Infotech
I	General Qualification		25				
i)	Degree in Civil Engineering /M. Sc. in Geology[AICTE Approved]		20	Not Evaluated	Not Evaluated	20	20
ii)	Post graduation in Foundation Engineering / Soil Mechanics / Geo Tech Engineering or Phd in Geology[AICTE Approved]		5			0	5
II	Relevant Experience & Adequacy for the Project		70				
a)	Total Professional Experience		15			15	15
	<10 years	0					
	10-12 years	11					
	>12-15 years	13					
	>15 years	15					
b)	Experience in Highway Projects – In Similar Projects (2/4/6laning of NH/SH/Expressways) design and or Construction/ Construction Supervision		25			25	25
	<7 years	0					
	7-10 years	19					
	>10 -12 years	22					

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	>12years	25					
c)	Experience as MaterialcumGeo-technical Engineer or in Similar capacity on Highway Projects (2/4/6 laning of NH/SH/Expressways) (Minimum aggregate length 80 km)		30	Not Evaluated	Not Evaluated	30	30
	<80km	0					
	80km-150km	24					
	>150km – 250km	27					
	>250km	30					
III	Employment with Firm		5			3.5	5
	Less than 1 Year	0					
	1 year	3					
	Add 0.5 marks for each subsequent year subject to maximum of 2 marks						
	Total		100			93.5	100