



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

(Ministry of Road Transport and Highways, Government of India)

जी-5 एवं 6, सेक्टर-10, द्वारका, नई दिल्ली - 110 075 • G-5 & 6, Sector-10, Dwarka, New Delhi-110075

दूरभाष/Phone : 91-11-25074100 / 25074200



No. NHAI/Tech/RAJ/JRR-II/2021-Part(2)/106699-54926

Dated 20.05.2022

To

All Participated Bidders

Sub: Consultancy Services for Authority's Engineer for Supervision of Construction of Four laning of Karwar (Km. 281.980 of NH 62 Nagaur road) to Dangiyavas section - Package-II (design length 30.093 km) of Jodhpur ring road on EPC mode in the state of Rajasthan: **Opening of the financial bid – Reg.**

Ref:

(i) Bids opened on 08.12.2021

(ii) NHAI/Tech/Raj/JRR-II/2021-Part (2)/106699-54311 dated 11.05.2022

Sir,

With reference to the subject RFP, the final technical scores of the bidders are given below. The detailed evaluation sheets are also attached herewith.

S. No.	Name of the bidder	Final Technical Score	Remarks / Rank	Responsive / Non-Responsive
1/8	Almondz Global Infra Consultant Ltd. in JV with Marc Technocrats Private Limited	Non-Responsive as per Clause 15 (C) of RFP		
2/8	Artefact Projects Limited in JV with Global Infra Solution, in Association with Renaissance IOT LLP	89.06	1	Responsive
3/8	TPF Engineering Pvt Ltd. in Association with Zoma Engineers	85.88	2	Responsive
4/8	GeoDesigns & Research Pvt. Ltd. in JV with Pioneer Infra Consultants Pvt. Ltd.	Non-Responsive as per Clause 15 (A) & 15 (C) of RFP		
5/8	K & J Projects Private Limited in Association with PK Engineers	Non-Responsive as per Clause 15 (C) of RFP		
6/8	Theme Engineering Services Pvt Ltd., in Association with Ishita Info Solutions Private Limited	Non-Responsive as per Clause 15 (C) of RFP		
7/8	Highway Engineering Consultants, in Association with Intratech Civil Solutions & Consultant	Non-Responsive as per Clause 15 (C) of RFP		
8/8	Indian Technocrat Limited in Association with Design Line Consultancy Services	Non-Responsive as per Clause 15 (C) of RFP		

2. The financial bid of 2 (two) responsive bidders, as per table above, shall be opened at 17:00 Hrs on 20.05.2022 at Ground Floor, Training Room, NHAI HQ, New Delhi.

Yours faithfully,

(Sanjeev Sharma)
GM (T)-Raj.

Encl: As above

Consultancy Services for Authority's Engineer for Supervision of Construction of Four laning of Karwar (Km. 281.980 of NH 62 Nagaur road) to Dangiavas section - Package-II (design length 30.093 km) of Jodhpur ring road on EPC mode in the state of Rajasthan

Applicant No.	Name of Applicant	Sole/JV/ Association
1/8	Almondz Global Infra Consultant Ltd. in JV with Marc Technocrats Private Limited	JV
2/8	Artefact Projects Limited in JV with Global Infra Solution, in Association with Renaissance IOT LLP	JV
3/8	TPF Engineering Pvt Ltd. in Association with Zoma Engineers	Association
4/8	GeoDesigns & Research Pvt. Ltd. in JV with Pioneer Infra Consultants Pvt. Ltd.	JV
5/8	K & J Projects Private Limited in Association with PK Engineers	Association
6/8	Theme Engineering Services Pvt Ltd., in Association with Ishita Info Solutions Private Limited	Association
7/8	Highway Engineering Consultants, in Association with Intratech Civil Solutions & Consultant	Association
8/8	Indian Technocrat Limited in Association with Design Line Consultancy Services	Association

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Consultancy Services for Authority's Engineer for Supervision of Construction of Four laning of Karwar (Km. 281.980 of NH 62 Nagaur road) to Dangiyavas section - Package-II (design length 30.093 km) of Jodhpur ring road on EPC mode in the state of Rajasthan

Minimum Eligibility Criteria for the Firm

Applicant	Name of Firm	Sole/ JV/ Association	Preparation of DPR (NH/SH/Equivalent) The firm should have minimum experience of preparation of detailed Project Report/Feasibility Study cum Preliminary Design Report of 2/4/6-laning project of aggregate length equal to 60.186 km or more of similar category for which RFP is invited.	Project Supervision/IC (NH/SH/Equivalent)		Annual Turnover Annual turnover (updated average of last 3 years) of the firm from consultancy business should be equal to or more than Rs. 9.5964 Cr	Technical Capacity	ELIGIBLE OR NOT ELIGIBLE
				The firm should have minimum experience of Project Supervision/IC of 2/4/6- laning project of aggregate length equal to 90.279 km or more of similar category for which RFP is invited.	Firm should also have experience of Project Supervision/IC of at least one project of Similar Category of two/four/Six laning of length equal to 12.0372 km			
1/8	Almondz Global Infra Consultant Ltd. in JV with Marc Technocrats Private Limited	JV	Yes	No	Yes	Yes	No	Not Eligible
2/8	Artefact Projects Limited in JV with Global Infra Solution, in Association with Renaissance IOT LLP	JV	Yes	Yes	Yes	Yes	Yes	Eligible
3/8	TPF Engineering Pvt Ltd. in Association with Zoma Engineers	Association	Yes	Yes	Yes	Yes	yes	Eligible
4/8	GeoDesigns & Research Pvt. Ltd. in JV with Pioneer Infra Consultants Pvt. Ltd.	JV	No	Yes	Yes	Yes	No	Not Eligible
5/8	K & J Projects Private Limited in Association with PK Engineers	Association	Yes	Yes	Yes	Yes	No	Not Eligible
6/8	Theme Engineering Services Pvt Ltd., in Association with Ishita Info Solutions Private Limited	Association	Yes	Yes	Yes	Yes	No	Not Eligible
7/8	Highway Engineering Consultants, in Association with Intratech Civil Solutions & Consultant	Association	Yes	Yes	Yes	Yes	No	Not Eligible
8/8	Indian Technocrat Limited in Association with Design Line Consultancy Services	Association	Yes	Yes	Yes	Yes	No	Not Eligible

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Consultancy Services for Authority's Engineer for Supervision of Construction of Four laning of Karwar (Km. 281.980 of NH 62 Nagaur road) to Dangiavas section - Package-II (design length 30.093 km) of Jodhpur ring road on EPC mode in the state of Rajasthan

Applicant	Name of Firm	Relevant experience for the assignment	Experience in use of technology for road inspection	Qualifications and competence of the key staff for the assignment	Total		Rank
						100.00	
2/8	Artefact Projects Limited in JV with Global Infra Solution, in Association with Renaissance IOT LLP	35.00	20.00	34.06	89.06		1
3/8	TPF Engineering Pvt Ltd. in Association with Zoma Engineers	29.00	20.00	36.88	85.88		2

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Consultancy Services for Authority's Engineer for Supervision of Construction of Four laning of Karwar (Km. 281.980 of NH 62 Nagaur road) to Dangiavas section - Package-II (design length 30.093 km) of Jodhpur ring road on EPC mode in the state of Rajasthan

S. No.	Description	Max. Marks	Name of firms	
			Artefact Projects Limited in JV with Global Infra Solution, in Association with Renaissance IOT LLP	TPF Engineering Pvt Ltd. in Association with Zoma Engineers
1	Average Annual Turnover (last 3 years) from consultancy business	2	2	2
	< 2% of TPC - 0 marks			
	2% of TPC - 1.5 marks			
	Add for additional turnover 0.25 (Zero point two five) marks for every 1% of TPC above 2% of TPC subject to maximum 0.5 marks.			
2	Number of key personnel*			
	Number of key personnel*	10	10	10
	*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.			
	<10 -0 marks			
	10-20 - 8 marks			
	>20 but ≤30- 9 marks			
	> 30 - 10 marks			
3	Experience as Independent Engineer/ Construction Supervision in number of Highway Projects of 2/4/6-laning of length (40% of Project Length) or more in last 7 Years.	10	10	9
	1 project - 8 marks			
	Add 1 (one) mark extra for completed assignment of Independent Engineer and add 0.5 (zero point five) mark extra for completed assignment of supervision consultancy subject to maximum 2 (two) marks.			
4	Experience in DPR/Feasibility Study cum Preliminary Design Report preparation in Number of 2/4/6-laning Highway Projects of length (40% of Project Length) or more in last 7 years.	5	5	5
	1 project - 4 marks			
	Add 0.5 (Zero point five) marks extra for each additional project subject to maximum 1 marks			
5	In hand DPRs of Highway/Bridge/Tunnel Projects (presently under progress) in Ministry / NHAI/ NHIDCI	10	5	0
	<2- 0 marks			
	2-5 - 5 marks			
	>5- 10 marks			
6	Experience in Construction Supervision/DPR/Design Review of major structures having length of more than 500 metre in last 7 years.	3	3	3
	1 project - 2.0 marks			
	Add 0.5 (Zero point five) marks extra for each additional project subject to maximum 1.0 marks.			
	Total	40	35	29

Consultancy Services for Authority's Engineer for Supervision of Construction of Four laning of Karwar (Km. 281.980 of NH 62 Nagaur road) to Dangiyavas section - Package-II (design length 30.093 km) of Jodhpur ring road on EPC mode in the state of Rajasthan
Evaluation sheet for assessment of experience in use of technology for road inspection

S.No.	Description	Maximum Point	Artefact Projects Limited in JV with Global Infra Solution, in Association with Renaissance IOT LLP	TPF Engineering Pvt Ltd. in Association with Zoma Engineers
1	Experience in Network Survey Vehicle (NSV) or better technology for pavement inspection	7		
1.1	(a) Equipment on MOU with Associate or on hiring basis- 4 (b) Own Equipment - 4	4	4	4
1.2	(a) Experience of 1 -2 projects - 1 (b) Experience of 3-5 projects - 2 (c) Experience of > 5 projects - 3	3	3	3
2	Experience in Falling Weight Deflectometer (FWD) or better technology for pavement strength measurement	4		
2.1	(a) Equipment on MOU with Associate or on hiring basis- 2 (b) Own Equipment - 2	2	2	2
2.2	(a) Experience of 1 -3 projects - 1 (b) Experience >3 projects - 2	2	2	2
3	Experience in Mobile Bridge Inspection Unit or better technology for Bridges inspection	5		
3.1	(a) Equipment on MOU with Associate or on hiring basis- 2 (b) Own Equipment - 2	2	2	2
3.2	(a) Experience of 1 -2 projects - 1 (b) Experience of 3-5 projects - 2 (c) Experience of > 5 projects - 3	3	3	3
4	Experience in Retro reflectometer technology	4		
4.1	(a) Equipment on MOU with Associate or on hiring basis- 2 (b) Own Equipment - 2	2	2	2
4.2	(a) Experience of 1 -3 projects - 1 (b) Experience >3 projects - 2	2	2	2
Total		20	20	20

Consultancy Services for Authority's Engineer for Supervision of Construction of Four laning of Karwar (Km. 281.980 of NH 62 Nagaur road) to Dangiavas section - Package-II (design length 30.093 km) of Jodhpur ring road on FPC mode in the state of Rajasthan
Summary of Qualifications and competence of the key staff for the assignment

S.No.	Description	Max. Marks	Artefact Projects Limited in JV with Global Infra Solution, in Association with Renaissance ICT LLP		TPF Engineering Pvt Ltd. in Association with Zoma Engineers	
			Name	Marks	Name	Marks
1	Team Leader Cum Senior Highway Engineer	12	TRILOKI NATH	85.00	Brij Mohan Lakwal	95.00
2	Resident cum Highway Engineer 1	6	Mr. Faujdar Prasad	91.00	Anjani Kumar	91.00
3	Bridge / Structural Engineer 1	6	NAND KISHOR	91.00	Vijay Kumar	91.00
4	Senior Pavement Specialist	6	Pawan Kumar Chaudhary	89.00	Raja Rajeswaran	91.00
5	Senior Quality/Material Expert	6	Rajkumar gupta	66.00	Vinod Kumar	91.00
6	Road safety Expert	4	Vinod Sharma	91.00	Maresh Chandra Goyal	91.00
	Total	40				36.88
				34.06		

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road on FPC made in the state of Rajasthan



Evaluation Criteria for assessment of score of Key Staff for adequacy of the Assignment.

S. No.	Resident Cum Highway Engineer Description	Max. Marks	Name of firms	
			Artifact Projects Limited in JV with Global Infra Solution, in Association with Renaissance IOT LLP	TPF Engineering Pvt Ltd. in Association with Zoma Engineers
			<u>Marks</u>	<u>Marks</u>
	Resident cum Highway Engineer 1			
1	General Qualification	25		
	I) Graduate in Civil Engineering	21	21	21
	II) Post Graduation in Transportation/Highway Engineering/Structural Engineering/Geotechnical Engineering	4	0	0
2	Adequacy for the Project	70		
a)	Professional Experience in Bridge Projects:			
i)	Total Professional Experience in handling Highway projects	20	20	20
	< 12 years -0			
	12 years -15			
	Add 1 mark extra for each additional completed year of experience subject to maximum 5 (five) marks.			
ii)	Experience as Resident Engineer/Project Director/Project Manager/Supervising Engineer or equivalent/Executive Engineer or equivalent on construction works/Independent Engineer Projects (similar configuration (2/4/6 lining*) and above).	20	20	20
	< 5 years -0			
	5 years -15			
	Add 1 marks extra for each additional year of experience subject to maximum 5 (five) marks.			
iii)	Experience in similar capacity in handling major 2/4/6-lining** projects (of length 40% of project length or more of similar configuration (2/4/6 lining**) and above)	25	25	25
	< 2 nos -0			
	2 nos -19			
	Add 3 marks extra for each additional project subject to maximum 6 (Six) marks.			
iv)	Experience in similar capacity of Highway Project of Construction/Construction Supervision/IC on EPC Mode (of length 40% of project length or more of similar configuration (2/4/6 lining**) and above)	5	5	5
	1 Project- 4 marks			
	Add 1 (one) mark extra for each additional project subject to maximum 1 (one) mark			
3	Employment with the Firm	5	0	0
	< 1 year -0			
	1 year or more -3			
	Add 0.5 marks for each subsequent year subject to maximum 2 marks			
	Total:	100	91	91

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Consultancy Services for Authority's Engineer for Supervision of Construction of Four laning of Karwar (Km. 281.980 of NH 62 Nagaur road) to Dangiyavas section - Package-II (design length 30.093 km) of

Technical specification and on EDC made in the state of Rajasthan

Evaluation Criteria for assessment of score of Key Staff for adequacy of the Assignment.

3.3 Bridge/Structural Engineer

S. No.	Description	Max. Marks	Name of firms	
	Bridge / Structural Engineer 1		Artefact Projects Limited in JV with Global Infra Solution, in Association with	TPF Engineering Pvt Ltd. in Association with Zoma Engineers
			NAND KISHOR SHARMA	Vijay Kumar
			Marks	
1	General Qualification	25		
	I) Graduate in Civil Engineering	21	21	21
	II) Post Graduation in Structural Engineering	4	0	0
2	Adequacy for the Project	70		
i)	Total Professional Experience in handling Highway/ Bridge projects		15	15
	< 10 years	-0		
	10 years	-11		
	Add one marks extra for each additional completed 2 year subject to maximum 4 (four) marks.			
ii)	Experience in similar capacity in Design/construction/supervision of Bridges/ROB/Flyover/Interchanges / any other such structures (similar configuration (2/4/6 laning**) and above).	20	20	20
	< 5 years	-0		
	5 years	-15		
	Add 1 mark extra for each additional year of experience subject to maximum 5 (five) marks.			
iii)	Experience in similar capacity in supervision of Major Highway Bridges/ROB/Flyover/ Interchanges/ any other structures		20	
	< 2 bridges	20		20
	2 bridges	-15		
	Add 2.5 marks extra for each additional project subject to maximum 5 marks.			
iv)	Experience in similar capacity in supervision of Rehabilitation and repair of major Bridge/ROB/Flyover / Interchanges / any other structures	10	10	10
	< 2 - 0			
	2 nos - 08			
	3 or more - 10			
v)	Experience in similar capacity of modern bridge construction technology viz., precast segmental, balanced cantilever construction, Extradosed Bridge, Full span Launching, Incremental Launching.	5	5	5
	Experience in 1 project - 4			
	More than one project -5 marks			
3	Employment with the Firm		0	0
	< 1 year	-0		
	1 year or more	-3		
	Add 0.5 marks for each subsequent year subject to maximum 2 marks			
	Total:	100	91	91

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Consultancy Services for Authority's Engineer for Supervision of Construction of Four Lining of Karwar (Km. 281.980 of NH 62 Nagaur road) to Dangiavas section - Package-II (design length 30.093 km) of Jodhpur ring road on EPC mode in the state of Rajasthan
Evaluation Criteria for assessment of score of Key Staff for adequacy of the Assignment.

S. No.	Senior Pavement Specialist	Description	Max. Marks	Name of firms	
				Artefact Projects Limited in JV with Global Infra Solution, in Association with Renaissance IOT LLP	TPF Engineering Pvt Ltd. in Association with Zoma Engineers
3.4				Pawan Kumar Chaudhary	Raja Rajeswaran
		Senior Pavement Specialist			
1		General Qualification	25		
		I) Graduate in Civil Engineering	21	21	21
		II) Post Graduation in Transportation/ Highway Engineering/ Pavement engineering or equivalent	4	0	0
2		Adequacy for the Project	70		
a)		Professional Experience			
		i) Total Professional Experience of Pavement Design / Construction and Maintenance of Highways/ Roads/ Air Field Runway		20	
		< 10 years -0			
		10 years -15			20
		Add one mark extra for each additional year of experience subject to maximum 5(five) marks.			
		ii) Experience in Similar Capacity in Construction/ Construction Supervision of 2/4/6-laning** of major Highway Projects (similar configuration (2/4/6 laning*) and above)		18	
		< 5 years -0			20
		5 years -15			
		Add one mark extra for each additional year of experience subject to maximum 5 (five) marks.			
		iii) Experience in similar capacity as Pavement/Geo-technical Engineer in construction/ construction supervision of Major Highway projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above)		25	
		>2 nos -0			25
		2 nos -20			
		Add 2.5 mark extra for each additional project subject to maximum 5marks.			
		iv) Experience in similar capacity on EPC Projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above)		5	
		1 Project- 4 marks	5		5
		Add 1 (one) mark extra for each additional project subject to maximum 1 (one) mark			
3		Employment with the Firm	5	0	
		< 1 year -0			0
		1 year -3			
		Add 0.5 marks for each subsequent year subject to maximum 2 marks			
		Total:	100	89	91

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Consultancy Services for Authority's Engineer for Supervision of Construction of Four Lining of Karwar (Km. 281.980 of NH 62 Nagaur road) to Dangiyavas section - Package-II (design length 30.093 km) of Jodhpur ring road on EPC mode in the state of Rajasthan

Evaluation Criteria for assessment of score of Key Staff for adequacy of the Assignment.

3.5 Senior Quality/Material Expert		Name of firms	
S. No.	Description	Max. Marks	Artefact Projects Limited in JV with Global TPF Engineering Pvt Ltd. in Association with Zoma Engineers Renaissance IOT LLP
Senior Quality/Material Expert		Marks	
1	General Qualification	25	
	I) Graduate in Civil Engineering	21	
	II) Post Graduation in Geotechnical Engineering/Foundation Engineering/Soil Mechanics/Rock Mechanics	0	
		4	
2	Adequacy for the Project	70	
a)	Professional Experience		
i)	Total Professional Experience in handling highways/Bridge Projects		
	< 10 years -0		
	10 years -11		
	Add one mark extra for each additional year of experience subject to maximum 4 (four) marks.		
ii)	Experience in similar capacity in Construction/Supervision of Highway Projects (of similar configuration (2/4/6 laning**) and above)		
	< 5 years -0		
	5 years -19		
	Add 2.0 (two) marks extra for each additional year of experience subject to maximum 6 (six) marks.		
iii)	Experience in similar capacity in handling Similar Highway projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above)		
	< 2 nos -0		
	2 nos - 25		
	Add 2.5 marks extra for each additional project subject to maximum 5 (five) marks.		
3	Employment with the Firm	5	
	< 1 year -0		
	1 year or more -3		
	Add 0.5 marks for each subsequent year subject to maximum 2 marks		
	Total:	100	91

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Consultancy Services for Authority's Engineer for Supervision of Construction of Four Lining of Karwar (Km. 281.980 of NH 62 Nagaur road) to Dangyvas section- Package-II (design length 30.093 km) of Jodhpur ring road on EPC mode in the state of Rajasthan
Evaluation Criteria for assessment of score of Key Staff for adequacy of the Assignment.

S. No.	Description	Max. Marks	Name of firms
3.6	Road Safety Expert		Artefact Projects Limited in TPF Engineering Pvt Ltd. in JV with Global Infra Solution, Association with Zoma Engineers in Association with Engineers Dangyvas section- Package-II Vinoth Sharma Mahesh Chandra Goyal
1	Road safety Expert		
1	General Qualification	25	
i)	Graduate in Civil Engineering	21	21
ii)	Post Graduation in Traffic/ Transportation/Safety Engineering or equivalent	4	4
2	Adequacy for the Project		
a)	Professional Experience	70	
i)	Total Professional Experience in handling Highway/Bridge projects		
	< 10 years -0		
	10 years -11		
	11 years -15	15	15
	Add one mark extra for each additional year of experience subject to maximum 4 (four) marks.		
ii)	Experience in similar capacity in Road Safety works on major Highway Project (similar configuration (2/4/6 laning**) and above.		
	< 5 years -0		
	5 years -11	15	15
	Add one mark extra for each additional year of experience subject to maximum 4 (four) marks.		
iii)	Experience in similar capacity in Road Safety Audits of 2/4/6 laning** Highway projects at different stages including at least one at design stage		
	> 2 nos - 0		
	2 nos - 15	20	20
	Add 2.5 marks extra for each additional project subject to maximum 5 marks.		
iv)	Experience in similar capacity in identification and improvement of black spots on major Highway Project (similar configuration (2/4/6 laning**) and above)		
	< 2 nos - 0		
	2 nos - 8	10	10
	Add 2 marks extra for each additional project subject to maximum 2 (two) marks.		
v)	Experience in similar capacity of preparing Road Safety Management Plans for Inter Urban Highway		
	1 project -4 marks	5	5
	2 or more -5 marks		
vi)	Experience in similar capacity in field of Road Safety Management Plan		
	1 project -4 marks	5	5
	2 or more -5 marks		
3	Employment with the Firm		
	< 1 year -0		
	1 year -3	5	
	Add 0.5 marks for each subsequent year subject to maximum 2 marks		
Total:		100	91

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