



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)

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NHAI/ VME /PPPAC/2016/Pkg XVII/IE

Dated: 28.06.2022

To,

All Bidders as per list attached

Subject: Independent Engineer services for Supervision of Construction of Eight lane access controlled Expressway from Km 69.800 to Km 79.783 (Bhoj to Morbe Section-SPUR of Vadodara Mumbai Expressway) in the State of Maharashtra on Hybrid Annuity mode under Bharatmala Pariyojana (Phase II-Package XVII) - Evaluation of Technical Proposals regd.

This is with reference to the bids submitted on 06.01.2022 for the subject proposal. The result with respect to Technical Evaluation as approved by the Competent Authority is as under:

(i) First Stage Technical Evaluation:-

- a) It has been noted that as per the bid submitted by the firm M/s RITES Limited in association with Segmental Consulting & Infrastructure Advisory (P) Ltd. , the Power of Attorney (duly notarized) in favor of Mr. Lalit Kumar on behalf of joint venture with M/s Geoconsult India Pvt Ltd. for signing and submission of all documents in connection with "Detailed design and Project Management Consultancy Services for Construction of Five Tunnels (Approx. Total Length 7.35 km) between Digras-Palshi Stations including Construction of Roadbed, Major Bridges, minor bridges, ROB, RUBs, including road approaches, Station Buildings, Staff Qtrs, Other Service buildings, HL Platforms, COPs, FOBs, P.Way Work, General electrical work and S&T Work from Km 157 to Km 225 of Yavatmal-Nanded New BG Line Project In Nagpur Division of Central Railway in State Of Maharashtra" has been enclosed along with the bid documents. No legal Power of attorney for submitting the instant proposal is available in the bid document.

In view of above, in absence of legal Power of Attorney regarding the authorized signatory for submission of the bids for the subject project, the bid of M/s RITES Limited in association with Segmental Consulting & Infrastructure Advisory (P) Ltd. has not been considered for evaluation and declared as Non-responsive.

- (b) The remaining bidders satisfy the minimum eligibility criteria as per RFP and hence, considered for second stage technical evaluation.

ii) **Second stage Technical Evaluation:**

The second stage technical evaluation of the bidders has been done as per the requirement of RFP and Summary of the Technical Evaluation is as under:-

S. No	Name of the Applicant	Relevant experience for the assignment	Technology for road inspection	Qualifications and competence of the key staff	Total	Remarks
	Responsive firms					
1	M/s Altinok Consulting Engineering Inc. in JV with SA Infrastructure Consultant Pvt. Ltd. in association with Marsway Engineering Consultants and Construction Services Pvt. Ltd.	40	20	32.95	92.95	CVs of Resident Engineer cum Excavation Specialist and Tunnel safety Expert scores less than 75% marks
2	M/s Intercontinental Consultants and Technocrats Pvt. Ltd. in JV with Hexa Co. and in association with Nokang Infra Private Limited	40	20	36.99	96.99	
	Non-Responsive					
3	M/s RITES Limited in association with Segmental Consulting & Infrastructure Advisory (P) Ltd.	NO POA for submission of bid for instant proposal.				

2. The detailed evaluation sheet for the Bidders is enclosed herewith. Bidders are given opportunity to respond by 04.07.2022 up to 17:00 Hrs, in case of any objection.


 (Shashit Bhushan)
 General Manager (Tech) Bharatmala

Encl : As above

Independent Engineer services for Supervision of Construction of Eight lane access controlled Expressway from Km 69.800 to Km 79.783 (Bhoj to Morbe Section-SPUR of Vadodara Mumbai Expressway) in the State of Maharashtra on Hybrid Annuity mode under Bharatmala Pariyojana (Phase II-Package XVII)

Length of the project	9.983 Km
Length of tunnel in the project	4.16 Km
2 times of Tunnel Length	8.32 Km
3 times of Tunnel length	12.48 Km
Tunnel Length requirement for single completed work	1.5 Km
Cost of the Project	1453.52
Annual T/O (2% of the cost of project)	29.07
40% length of Project	3.99
Bid due Date	06.01.2022
Requirement for JV	
<i>JV Lead</i>	
2 times of Tunnel Length (50%)	4.16 Km
3 times of Tunnel length (50%)	6.24 Km
Tunnel Length requirement for single completed work	1.5 Km
Annual T/O (2% of the cost of project) (50%)	14.5352
<i>JV Other Partner</i>	
2 times of Tunnel Length (30%)	2.496 Km
3 times of Tunnel length (30%)	3.744 Km
Annual T/O (2% of the cost of project) (30%)	8.72112
<i>JV Overall</i>	
2 times of Tunnel Length (1.2 times)	9.984 Km
3 times of Tunnel length (1.2 times)	14.976 Km
Tunnel Length requirement for single completed work	1.5 Km
Annual T/O (2% of the cost of project) (1.2 times)	34.88448

Independent Engineer services for Supervision of Construction of Eight lane access controlled Expressway from Km 69.800 to Km 79.783 (Bhoj to Morbe Section-SPUR of Vadodara Mumbai Expressway) in the State of Maharashtra on Hybrid Annuity mode under Bharatmala Pariyojana (Phase II-Package XVII)

Applicant No.	Name of Applicant	Sole/JV/ Association
1/3	M/s RITES Limited in association with Segmental Consulting & Infrastructure Advisory (P) Ltd.	Association
2/3	M/s Altinok Consulting Engineering Inc. in JV with SA Infrastructure Consultant Pvt. Ltd. in association with Marsway Engineering Consultants and Construction Services Pvt. Ltd.	JV
3/3	M/s Intercontinental Consultants and Technocrats Pvt. Ltd. in JV with Hexa Co. and in association with Nokang Infra Private Limited	JV

Independent Engineer services for Supervision of Construction of Eight lane access controlled Expressway from Km 69.800 to Km 79.783 (Bhoj to Morbe Section-SPUR of Vadodara Mumbai Expressway) in the State of Maharashtra on Hybrid Annuity mode under Bharatmala Pariyojana (Phase II-Package XVII)

Minimum Eligibility Criteria for the Firm								
Applicant	Name of Firm	Sole/JV/ Association	Is Associate member common with 2 or more bidders	Preparation of DPR (NH/SH/Equivalent)	Project Supervision/IC (NH/SH/Equivalent)		Annual Turnover	ELIGIBLE OR NOT ELIGIBLE
				The firm should have Minimum experience of Preparation of detailed Project Report/ Feasibility Study cum Preliminary Design Report of 2/4/6-Lane highway/metro/rail tunnel of aggregate length equal to or more than 8.32 km (Single Tube)	The firm should have minimum Experience of Project Supervision/IC of 2/4/6-lane highway/metro/rail tunnel of aggregate length equal to or more 12.48 km (Single Tube).	Firm should also have experience of Project Supervision/ IC of atleast one project of similar category of two/four/six lane highway/metro/rail tunnel work of length equal to 1.5 km or more length (single tube)	Annual turnover (updated average of last 5 years or in each of the preceding two years) of the firm from consultancy business should be equal to or more than 2% of Total Project Cost(TPC).	
1/3	M/s RITES Limited in association with Segmental Consulting & Infrastructure Advisory (P) Ltd.	Association	No	-	-	-	-	Not Eligible
2/3	M/s Altinok Consulting Engineering Inc. in JV with SA Infrastructure Consultant Pvt. Ltd. in association with Marsway Engineering Consultants and Construction Services Pvt. Ltd.	JV	No	Yes	Yes	Yes	Yes	Eligible
3/3	M/s Intercontinental Consultants and Technocrats Pvt. Ltd. in JV with Hexa Co. and in association with Nokang Infra Private Limited	JV	No	Yes	Yes	Yes	Yes	Eligible

Independent Engineer services for Supervision of Construction of Eight lane access controlled Expressway from Km 69.800 to Km 79.783 (Bhoj to Morbe Section-SPUR of Vadodara Mumbai Expressway) in the State of Maharashtra on Hybrid Annuity mode under Bharatmala Pariyojana (Phase II-Package XVII)

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		No. of CVs Scoring less than 75% marks	Responsive/Non-Responsive	Rank
		As Evaluated	Claimed by Bidder	As Evaluated	Claimed by Bidder	As Evaluated	Claimed by Bidder	As Evaluated	Claimed by Bidder			
		40.00	40.00	20.00	20.00	40.00	40.00	100.00	100			
1/3	M/s RITES Limited in association with Segmental Consulting & Infrastructure Advisory (P) Ltd.	0.00	40.00	0.00	20.00	0.00	37.28	<u>0.00</u>	97.28	8	Non-Responsive	3.00
2/3	M/s Altinok Consulting Engineering Inc. in JV with SA Infrastructure Consultant Pvt. Ltd. in association with Marsway Engineering Consultants and Construction Services Pvt. Ltd.	40.00	40.00	20.00	20.00	32.95	37.79	<u>92.95</u>	97.79	2	Responsive	2.00
3/3	M/s Intercontinental Consultants and Technocrats Pvt. Ltd. in JV with Hexa Co. and in association with Nokang Infra Private Limited	40.00	40.00	20.00	20.00	36.99	38.92	<u>96.99</u>	98.92	0	Responsive	1.00

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S. No.	Description	Max. Marks			1/3		2/3		3/3	
					M/s RITES Limited in association with Segmental Consulting & Infrastructure Advisory (P) Ltd.		M/s Altinok Consulting Engineering Inc. in JV with SA Infrastructure Consultant Pvt. Ltd. in association with Marsway Engineering Consultants and Construction Services Pvt. Ltd.		M/s Intercontinental Consultants and Technocrats Pvt. Ltd. in JV with Hexa Co. and in association with Nokang Infra Private Limited	
					As per Evaluation	Claimed by Bidder	As per Evaluation	Claimed by Bidder	As per Evaluation	Claimed by Bidder
1	Average Annual Turnover (last 5 years or in each of the preceding two years) from consultancy business	2								
	< 2% of TPC - 0 marks									
	2% of TPC - 1.5 marks				2		2		2	
	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 (as defined in RFP) with the firm in highway sector with more than one year with the firm.	10			Non- Responsive	10	10	10	10	10
	<10 personnel -0 marks									
	10 to 20 - 8 Marks									
	> 20 but ≤30 -9 marks									
3	Experience as Independent Engineer/ Authority Engineer /Construction Supervision in number of Tunnel (road/railway/metro rail projects etc.) Projects of length equal to 1.50 km or more (single tube) in last 10 Years.	10								
	1 project - 8 marks									
	Add 1 (one) mark extra for completed assignment of Independent Engineer/authority engineer and				10		10		10	
	add 0.5 (zero point five) mark extra for completed assignment of supervision consultancy subject to maximum 2 (two) marks.									
4	Experience in DPR preparation for Number of Tunnel (roads/Railway/Metro rail projects etc.) Projects of length equal to 1.50 km or more (Single Tube) in last 10 years.	6								
	1 project - 4 marks				6		6		6	
	Add 0.5 (Zero point five) marks extra for each additional project subject to maximum 2 marks									
5	Experience in DPR/Feasibility Study cum Preliminary Design Report preparation for Number of Highway Projects of 2/4/6** of length (40% of the project length) or more in last 10 years.	6								
	1 project - 4 marks				6		6		6	
	Add 0.5 (Zero point five) marks extra for each additional project subject to maximum 2 marks									
6	In hand DPRs of Highway/Bridge/Tunnel Projects for NHAI (Presently Under Progress)	6								
	<2 - 0 Marks				6		6		6	
	2-5 - 4 Marks									
	>5 - 6 Marks									
Total		40			0	40	40	40	40	40

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Evaluation sheet for assessment of experience in use of technology for road inspection			1/3		2/3		3/3	
S.No.	Description	Maximum Point	M/s RITES Limited in association with Segmental Consulting & Infrastructure Advisory (P) Ltd.		M/s Altinok Consulting Engineering Inc. in JV with SA Infrastructure Consultant Pvt. Ltd. in association with Marsway Engineering Consultants and Construction Services Pvt. Ltd.		M/s Intercontinental Consultants and Technocrats Pvt. Ltd. in JV with Hexa Co. and in association with Nokang Infra Private Limited	
			As Evaluated	Claimed by Bidder	As Evaluated	Claimed by Bidder	As Evaluated	Claimed by Bidder
1	Experience in Network Survey Vehicle (NSV) or better technology for pavement inspection	5						
1.1	Own Equipment / Equipment on MoU with Associate or on hiring basis	2		2	2	2	2	2
1.2	Experience (a) 1 -2 projects - 1 (b) 3-5 projects - 2 (c) >5 projects - 3	3	Non - Responsive	3	3	3	3	3
2	Experience in Falling Weight Deflectometer (FWD) or better technology for pavement strength measurement	4						
2.1	Own Equipment / Equipment on MoU with Associate or on hiring basis	2		2	2	2	2	2
2.2	Experience (a) 1 -3 projects - 1 (b) >3 projects - 2	2		2	2	2	2	2
3	Experience in Mobile Bridge Inspection Unit or better technology for Bridges inspection	4						
3.1	Own Equipment / Equipment on MoU with Associate or on hiring basis	2		2	2	2	2	2
3.2	Experience (a) 1 -2 projects - 1 (b) >3 projects - 2	2		2	2	2	2	2
4	Experience in Retro reflectometer technology	4						
4.1	Own Equipment / Equipment on MoU with Associate or on hiring basis	2		2	2	2	2	2
4.2	Experience (a) 1 -3 projects - 1 (b) >3 projects - 2	2		2	2	2	2	2
5	Experience in Automatic Traffic Counter cum Classifier (ATCC)	3						
5.1	Own Equipment / Equipment on MoU with Associate or on hiring basis	2		2	2	2	2	2
5.2	Experience (a) 1 -3 projects - 0.5 (b) >3 projects - 1	1		1	1	1	1	1
	Total	20	0	20	20	20	20	20

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S. No.	Description	Max. Marks	Summary of Qualifications and competence of the key staff for the assignment														
			M/s RITES Limited in association with Segmental Consulting & Infrastructure Advisory (P) Ltd.					M/s Altinok Consulting Engineering Inc. in JV with SA Infrastructure Consultant Pvt. Ltd. in association with Marsway Engineering Consultants and Construction Services Pvt. Ltd.					M/s Intercontinental Consultants and Technocrats Pvt. Ltd. in JV with Hexa Co. and in association with Nokang Infra Private Limited				
			Name	Marks				Name	Marks				Name	Marks			
			As Evaluated		Claimed by Bidder		As Evaluated		Claimed by Bidder		As Evaluated		Claimed by Bidder				
1	Team Leader Cum Senior Tunnel Expert	10	Sanjay Kumar Singh	0.00	-	89.50	8.95	Jayaraj Nair	84.75	8.48	91.00	9.10	Shobeir Arshadnejad	90.25	9.03	96.00	9.60
2	Resident Engineer cum Excavation Specialist	6	Pankaj Kumar Pathak	0.00	-	96.00	5.76	Prabhakar Reddy	66.00	3.96	91.00	5.46	Brijesh Kumar Gupta	89.00	5.34	96.00	5.76
3	Senior Geotechnical Expert	5	Surender Madan	0.00	-	91.00	4.55	Yucel Demircan	93.00	4.65	95.00	4.75	BIRENDRA CHOUBEY	90.00	4.50	96.00	4.80
4	Tunnel Design Engineer	4	B R Sharma	0.00	-	87.00	3.48	Serdar Karabulut	76.00	3.04	96.00	3.84	Omid Akhoondi	94.00	3.76	96.00	3.84
5	Tunnel Safety Expert	4	Sanjay Kumar Sharma	0.00	-	88.50	3.54	Arun Kumar	58.00	2.32	85.00	3.40	Ricky Y Aficial	88.00	3.52	91.00	3.64
6	Senior Geologist	4	Amit Kumar	0.00	-	90.00	3.60	Dr. VINAY KUMAR PANDEY	89.50	3.58	95.00	3.80	Binud Borgohain	88.00	3.52	95.00	3.80
7	Senior Contract Specialist	3	Ramesh Kumar Gupta	0.00	-	94.00	3.76	Ram Lingam Swami	85.00	3.40	95.00	3.80	Subodh Shanker Rao Gune	96.00	3.84	96.00	3.84
8	Tunnel ventilation cum E&M Expert	4	Rafat Ahmad Khan	0.00	-	91.00	3.64	Chan Sai Chok	88.00	3.52	91.00	3.64	Chandra Sheker Alladi	87.00	3.48	91.00	3.64
	Total	40			0.00		37.28			32.95		37.79			36.99		38.92

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

3.1	Team Leader cum Sr Tunnel Expert		Name of firms					
S. No.	Description	Max. Marks						
	Name of the bidder---->>>>>>		M/s RITES Limited in association with Segmental Consulting & Infrastructure Advisory (P) Ltd.		M/s Altinok Consulting Engineering Inc. in JV with SA Infrastructure Consultant Pvt. Ltd. in association with Marsway Engineering Consultants and Construction Services Pvt. Ltd.		M/s Intercontinental Consultants and Technocrats Pvt. Ltd. in JV with Hexa Co. and in association with Nokang Infra Private Limited	
			Sanjay Kumar Singh		Jayaraj Nair		Shobeir Arshadnejad	
			Marks		Marks		Marks	
			As Evaluated	Claimed by Bidder	As Evaluated	Claimed by Bidder	As Evaluated	Claimed by Bidder
1	General Qualification	25						
	I) Graduate in Civil/Mining Engineering or equivalent	21		21	21	21	21	21
	II) Post-Graduate or chartered engineer in Mining Engineering/ Geotechnical Engineering /Structural Engineering/Rock Mechanics or equivalent	4		0	0	0	0	
2	Adequacy for the Project	70						
i)	Total Professional Experience							
	< 20years - 0 marks							
	20 years - 5 marks	7	Non-Responsive	7	7	7	5	7
	Add 1 mark extra for each additional year of experience subject to maximum 2 (two) marks.							
ii)	Total professional experience in handling major tunnelling projects							
	< 15 years - 0 marks							
	15 years - 6 marks	8		8	8	8	8	8
	Add 1 mark extra for each additional year of experience subject to maximum 2 (two) marks.							
iii)	Experience in major tunnel construction/construction supervision projects (Road/Rail/Metro)							
	< 10 years - 0 marks							
	10 years - 7 marks	10		8.5	10	10	8.5	10
	Add 1.5 mark extra for each additional year subject to experience subject to maximum 3 (three) mark							
b)	Experience in Similar Capacity							
b i)	Experience as Team Leader or similar capacity in construction supervision of major tunnel projects (Road/Rail/Metro) of length equal to or more than 1.5 Km							
	< 5 years -0 marks							
	5 years - 7 marks	10		10	10	10	10	10
	Add 1.5 marks extra for each additional year of experience subject to maximum 3 (three) marks.							
b ii)	Experience as Team Leader or similar capacity of project Preparation/ Design of tunnel projects(Road/Rail/Metro) of length 1.5 Km or more							
	1 Project – 8 marks	10		10	10	10	10	10
	Add 1 marks extra for each additional project subject to maximum 2 marks.							
b iii)	Experience as Team Leader or similar capacity in construction supervision of tunnels (Road/Rail/Metro) of length 1.5 km or more							
	<2 project -0 mark							
	2 Projects – 15 marks	20		20	18.75	20	18.75	20
	Add 1.25 mark extra for each additional projects subject to maximum 5(five) marks							
c)	Experience in project preparation/ design of major tunnel projects apart from those under 2 (b) (ii) (Road/Rail/Metro)							
	1 project -4 marks	5		5	0	5	4	5
	2 or more -5 marks							
3	Employment with the Firm							
	< 1 Year - 0 marks							
	1 Year - 3 marks	5		0	0	0	5	5
	Add 0.5 marks for each subsequent year subject to maximum 2 marks							
	Total:	100		89.50	84.75	91.00	90.25	96.00

Independent Engineer services for Supervision of Construction of Eight lane access controlled Expressway from Km 69.800 to Km 79.783 (Bhoj to Morbe Section-SPUR of Vadodara Mumbai Expressway) in the State of Maharashtra on Hybrid Annuity mode under Bharatmala Pariyojana (Phase II-Package XVII)

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

3.2	Resident cum Tunnel Excavation Expert							
S. No.	Description	Max. Marks	Name of firms					
			M/s RITES Limited in association with Segmental Consulting & Infrastructure Advisory (P) Ltd.	M/s Altinok Consulting Engineering Inc. in JV with SA Infrastructure Consultant Pvt. Ltd. in association with Marsway Engineering Consultants and Construction Services Pvt. Ltd.	M/s Intercontinental Consultants and Technocrats Pvt. Ltd. in JV with Hexa Co. and in association with Nokang Infra Private Limited			
			Pankaj Kumar Pathak	Prabhakar Reddy	Brijesh Kumar Gupta			
			<u>Marks</u>	<u>Marks</u>	<u>Marks</u>			
			<u>As Evaluated</u>	<u>Claimed by Bidder</u>	<u>As Evaluated</u>	<u>Claimed by Bidder</u>	<u>As Evaluated</u>	<u>Claimed by Bidder</u>
1	General Qualification	25						
	I) Graduate in Civil/Mining Engineering or equivalent	21		21	21	21	21	21
	II) Post-Graduate or chartered engineer in civil/ Mining Engineering or equivalent	4		0	0	0	0	0
2	Adequacy for the Project	70						
a)	Total Experience							
a i)		15	Non-Responsive	15	15	15	15	15
	< 15 years - 0 marks							
	15 years -12 marks							
	Add 1 mark extra for each additional completed year of experience subject to maximum 3 (three) marks.							
a ii)	Total professional experience in handling major tunnelling projects	10						
	< 10 years -0 marks			10	10	10	10	10
	10 years - 7 marks							
	Add 1.5 marks extra for each additional year of experience subject to maximum 3 (three) marks.							
b)	Experience in Similar Capacity							
b i)	Experience as Tunnel Excavation Expert or similar capacity in construction supervision of major tunnelling projects (Road/Rail/Metro)	10						
	< 7 nos -0			10	10	10	10	10
	7 nos - 7 marks							
	Add 1.5 marks extra for each additional year of experience subject to maximum 3 (three) marks							
b ii)	Experience as Tunnel Excavation Expert or similar capacity in construction supervision of tunnel projects (Road/Rail/Metro) of minimum length of 1.5 km (Minimum one year supervision in a project)	20						
	< 2 projects – 0 marks			20	0	20	17.5	20
	2 projects – 15 marks							
	Add 2.5 (two point five) mark extra for each additional project subject to maximum 5 (five) mark							
b iii)	Experience in tunnel design/ DPR/ preparation / feasibility study/design review involving major tunnel projects (Road/Rail/Metro) of minimum length of 1.5 km (minimum 1 year experience in a project)	10						
	1 project – 7 marks			10	7	10	7	10
	Add 1 mark extra for each additional projects subject to maximum 3 (three) marks							
c)	Experience in construction of major tunnel projects (Road/Rail/Metro) apart from those under 2 (b) (ii)	5						
	1 project – 3 marks			5	3	5	5	5
	Add 1 mark extra for each additional projects subject to maximum 2 (two) marks.							
3	Employment with the Firm	5						
	< 1 year -0 marks			5	0	0	3.5	5
	1 year or more -3							
	Add 0.5 marks for each subsequent year subject to maximum 2 marks							
	Total:	100	0	96	66	91	89	96

Independent Engineer services for Supervision of Construction of Eight lane access controlled Expressway from Km 69.800 to Km 79.783 (Bhoj to Morbe Section-SPUR of Vadodara Mumbai Expressway) in the State of Maharashtra on Hybrid Annuity mode under Bharatmala Pariyojana (Phase II-Package XVII)

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

3.3	TUNNEL DESIGN ENGINEER							
S. No.	Description	Max. Marks	Name of firms					
			M/s RITES Limited in association with Segmental Consulting & Infrastructure Advisory (P) Ltd.		M/s Altinok Consulting Engineering Inc. in JV with SA Infrastructure Consultant Pvt. Ltd. in association with Marsway Engineering Consultants and Construction Services Pvt. Ltd.		M/s Intercontinental Consultants and Technocrats Pvt. Ltd. in JV with Hexa Co. and in association with Nokang Infra Private Limited	
			B R Sharma		Serdar Karabulut		Omid Akhoondi	
			Marks		Marks		Marks	
			As Evaluated	Claimed by Bidder	As Evaluated	Claimed by Bidder	As Evaluated	Claimed by Bidder
1	General Qualification	25						
	I) Graduate in Civil Engineering or equivalent	21		21	21	21	21	21
	II) PPost-Graduate in Engineering (Structural)	4		0	0	0	0	
2	Adequacy for the Project	70						
a)	Professional Experience in Tunnel Design:							
i)	Total Professional Experience <20 years – 0 marks 20 years – 11 marks Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks.	15	Non-Responsive	15	15	15	15	15
ii)	Total Professional Experience in handling major Tunnel Projects <12 years -0 marks 12 years - 7 marks Add 1 mark extra for each additional year of experience subject to maximum 3 (three) marks.	10		10	10	10	10	10
b)	Experience in Similar Capacity							
b i)	Experience in tunnel design (Road/Rail/Metro) works in similar capacity <12 years -0 marks 12 years - 7 marks Add 1 mark extra for each additional year of experience subject to maximum 3 (three) marks.	10		10	0	10	10	10
b ii)	Experience in similar capacity in Project Preparation/ DPR involving design of tunnels (Road/Rail/Metro) of more than 1.5 km length (Min. 1 year experience in a project) < 3 projects – 0 marks 3 projects – 11 marks Add 1 mark extra for each additional projects subject to maximum 4 (four) marks.	15		11	15	15	15	15
b iii)	Experience in similar capacity in construction/ construction supervision projects involving design/ design review of tunnels of more than 1.5 Km length (Min. 1 year experience in project) <2 projects – 0 marks 2 projects – 7 marks Add 1.5 mark extra for each additional projects subject to maximum 3(three) marks.	10		10	10	10	10	10
c i)	Experience in innovation tunnel design (Road/ Rail/ Metro) like immersed tunnel and sub-sea bored tunnel 1 projects– 4 marks 2 or more projects -5 marks	5		5	0	5	4	5
c ii)	Experience in design tunnel projects (Road/ Rail/ Metro) apart from those under 2 (b) (ii) 1 project – 4 marks 2 or more projects – 5 marks	5		5	0	5	4	5
3	Employment with the Firm < 1 year -0 marks 1 year or more -3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks	5		0	5	5	5	5
	Total:	100	0	87	76	96	94	96

Independent Engineer services for Supervision of Construction of Eight lane access controlled Expressway from Km 69.800 to Km 79.783 (Bhoj to Morbe Section-SPUR of Vadodara Mumbai Expressway) in the State of Maharashtra on Hybrid Annuity mode under Bharatmala Pariyojana (Phase II-Package XVII)

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

3.4	TUNNEL SAFETY EXPERT							
S. No.	Description	Max. Marks	Name of firms					
			M/s RITES Limited in association with Segmental Consulting & Infrastructure Advisory (P) Ltd.		M/s Altinok Consulting Engineering Inc. in JV with SA Infrastructure Consultant Pvt. Ltd. in association with Marsway Engineering Consultants and Construction Services Pvt. Ltd.		M/s Intercontinental Consultants and Technocrats Pvt. Ltd. in JV with Hexa Co. and in association with Nokang Infra Private Limited	
			Sanjay Kumar Sharma		Arun Kumar		Ricky Y Aficial	
			Marks		Marks		Marks	
			As Evaluated	Claimed by Bidder	As Evaluated	Claimed by Bidder	As Evaluated	Claimed by Bidder
1	General Qualification	25						
	I) Graduate in Civil/Mining Engineering or equivalent	21		21	21	21	21	21
	II) Any professional Certification from a recognized/ statutory body on safety/ health/ shot firer	4		4	4	4	0	
2	Adequacy for the Project	70						
A i)	Total Professional Experience	15	Non-Responsive	15	15	15	15	15
	< 20 years -0 marks							
	20 years -11 marks							
	Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks.							
A ii)	Experience Tunnel (Road/Rail/Metro) Safety Works	15		15	13	15	15	15
	< 10 years - 0 marks							
	10 years -11 marks							
	Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks.							
A iii)	International exposure in tunnel safety works	10		0	0	0	10	10
	< 5 years - 0 marks							
	5 years - 7 marks							
	Add 1 mark extra for each additional projects subject to maximum 3 (three) marks.							
b	Experience in Similar Capacity							
b i)	Experience in similar capacity of Tunnel Safety Audits during construction stage of tunnel projects (Road/ Rail/ Metro) of minimum length of 1.5 Km	15		15	0	15	14	15
	< 2 projects- 0 marks							
	2 projects - 11 marks							
	Add 1 mark extra for each additional projects subject to maximum 4 (four) marks.							
b ii)	Experience in similar capacity of Tunnel Safety Audits in design stage on tunnel projects (Road/Rail/Metro)	10		10	0	10	8	10
	1 project – 8 marks							
	2 or more – 10 marks							
c)	Experience in construction of major tunnel projects (Road/ Rail/ Metro) using 1 project – 3 marks Add 1 mark extra for each additional projects subject to maximum 2 (two) marks.	5		5	5	5	5	5
3	Employment with the Firm							
	< 1 year -0 marks	5		3.5	0	0	0	0
	1 year or more -3 marks							
	Add 0.5 marks for each subsequent year subject to maximum 2 marks							
	Total:	100	0	88.5	58	85	88	91

Independent Engineer services for Supervision of Construction of Eight lane access controlled Expressway from Km 69.800 to Km 79.783 (Bhoj to Morbe Section-SPUR of Vadodara Mumbai Expressway) in the State of Maharashtra on Hybrid Annuity mode under Bharatmala Pariyojana (Phase II-Package XVII)

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

3.5	Senior Geotechnical Expert		Name of firms					
S. No.	Description	Max. Marks	M/s RITES Limited in association with Segmental Consulting & Infrastructure Advisory (P) Ltd.		M/s Altinok Consulting Engineering Inc. in JV with SA Infrastructure Consultant Pvt. Ltd. in association with Marsway Engineering Consultants and Construction Services Pvt. Ltd.		M/s Intercontinental Consultants and Technocrats Pvt. Ltd. in JV with Hexa Co. and in association with Nokang Infra Private Limited	
			Surender Madan		Yucel Demircan		BIRENDRA CHOUBEY	
			Marks		Marks		Marks	
			As Evaluated	Claimed by Bidder	As Evaluated	Claimed by Bidder	As Evaluated	Claimed by Bidder
1	General Qualification	25						
	I) Graduate in Civil Engineering / Masters in Engineering Geology or equivalent from a recognized university	21		21	21	21	21	21
	II) Post Graduate in Rock Mechanics /Foundation Engineering/ Tunnel Engineering	4		0	4	4	0	
2	Adequacy for the Project	70						
a)	Total Professional Experience							
a i)		15	Non-Responsive	15	15	15	15	15
	< 20 years - 0 marks							
	20 years -11 marks							
	Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks.							
a ii)	Experience in Construction/ Construction Supervision of major tunnel projects (Road/Rail/Metro)	10		10	10	10	10	10
	< 10 years -0 marks							
	10 years -7 marks							
	Add 1 mark extra for each additional year of experience subject to maximum 3 (three) marks.							
b	Experience in Similar Capacity							
b i)	Experience as Geotechnical engineer or similar capacity in construction/ construction supervision of at least 4 tunnel projects(Road/Rail/Metro) of length	25		25	25	25	25	25
	< 4 projects - 0 marks							
	4 projects -17 marks							
	Add 2 mark extra for each additional project subject to maximum 8 (eight) marks							
b ii)	Experience as Geotechnical engineer or similar capacity in Construction/ Construction Supervision of major tunnel projects involving vertical shaft sinking of at least 200m vertical depth	5		0	0	0	4	5
	1 project- 4 marks							
	2 or more -5 marks							
b iii)	Experience as Geotechnical engineer or similar capacity in design/project preparation of tunnel projects (Road/Rail/Metro) of at least 1.5 km length	15						
	< 2 projects - 0 marks			15	13	15	15	15
	2 projects - 11 marks							
	Add 2 marks extra for each additional projects subject to maximum 4 (four) marks.							
3	Employment with the Firm	5		5	5	5	0	5
	< 1 year - 0 marks							
	1 year -3 marks							
	Add 0.5 marks for each subsequent year subject to maximum 2 marks							
	Total:	100	0	91	93	95	90	96

Independent Engineer services for Supervision of Construction of Eight lane access controlled Expressway from Km 69.800 to Km 79.783 (Bhoj to Morbe Section- SPUR of Vadodara Mumbai Expressway) in the State of Maharashtra on Hybrid Annuity mode under Bharatmala Pariyojana (Phase II-Package XVII)

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

3.6	Senior GEOLOGIST							
S. No.	Description	Max. Marks	Name of firms					
			M/s RITES Limited in association with Segmental Consulting & Infrastructure Advisory (P) Ltd.		M/s Altinok Consulting Engineering Inc. in JV with SA Infrastructure Consultant Pvt. Ltd. in association with Marsway Engineering Consultants and Construction Services Pvt. Ltd.		M/s Intercontinental Consultants and Technocrats Pvt. Ltd. in JV with Hexa Co. and in association with Nokang Infra Private Limited	
			Amit Kumar		Dr. VINAY KUMAR PANDEY		Binud Borgohain	
			Marks		Marks		Marks	
			As Evaluated	Claimed by Bidder	As Evaluated	Claimed by Bidder	As Evaluated	Claimed by Bidder
1	General Qualification	25						
	I) Graduation in Geology or equivalent	21		21	21	21	21	21
	II) Masters in Geology /Applied Geology from recognized university.	4		4	4	4	4	4
2	Adequacy for the Project	70						
A	Total Professional Experience							
a i)	<<20 years – 0 20 years – 15 marks Add 1 mark extra for each additional year of experience subject to maximum 5 (five) marks.	20	Non-Responsive	20	16	20	16	20
a ii)	Experience in major Tunnel construction/construction supervision Projects (Road/Rail/Metro) using NATM technology < 5 years -0 marks 5 years -12 marks Add 1.5 marks extra for each additional year subject to maximum 3 (three) marks.	15		15	15	15	15	15
b	Experience in Similar Capacity							
b i)	Experience in major Tunnel(Road/Rail/Metro) Construction works in similar capacity < 7 years – 0 marks 7 years – 12 marks Add 1 mark extra for each additional year of experience subject to maximum 3 (three) marks.	15		15	15	15	15	15
b ii)	Experience in similar capacity in project preparation/ DPR involving of major tunnel projects (Road/Rail/Metro). (Min 1 year experience in a project) <2 projects – 0 marks 2 projects -7 marks Add 1.5 marks extra for each additional projects subject to maximum 3 (three) marks.	10		10	8.5	10	7	10
b iii)	Experience in similar capacity in highway tunnel construction/construction supervision with minimum length of 1.5 Km < 2 projects – 0 marks 2 project – 7 marks Add 1.5 marks extra for each additional projects subject to maximum 3 (three) marks	10		0	10	10	10	10
3	Employment with the Firm	5						
	< 1 year -0 marks							
	1 year or more -3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks		5	0	0	0	0	
	Total:	100	0	90	89.5	95	88	95

Independent Engineer services for Supervision of Construction of Eight lane access controlled Expressway from Km 69.800 to Km 79.783 (Bhoj to Morbe Section-SPUR of Vadodara Mumbai Expressway) in the State of Maharashtra on Hybrid Annuity mode under Bharatmala Pariyojana								
Evaluation Criteria for assessment of score of Key Staff for adequacy of the Assignment.								
3.7	Senior Contract Specialist							
S. No.	Description	Max. Marks	Name of firms					
			M/s RITES Limited in association with Segmental Consulting & Infrastructure Advisory (P) Ltd.		M/s Altinok Consulting Engineering Inc. in JV with SA Infrastructure Consultant Pvt. Ltd. in association with Marsway Engineering Consultants and Construction Services Pvt. Ltd.		M/s Intercontinental Consultants and Technocrats Pvt. Ltd. in JV with Hexa Co. and in association with Nokang Infra Private Limited	
			Ramesh Kumar		Ram Lingan		Subodh Shanker	
			Marks		Marks		Marks	
			As Evaluated	Claimed by Bidder	As Evaluated	Claimed by Bidder	As Evaluated	Claimed by Bidder
1	General Qualification	25						
	I) Graduate in Civil Engineering	21		21	21	21	21	21
	II) Post Graduate Degree in Law/ PG in management/ certificate course in management/certificate course in management/ certificate course management construction in contract management	4	Non-Responsive	0	0	4	0	
2	Adequacy for the Project	70						
a)	Professional Experience							
i)	Total Professional Experience of Contract Management	20		20	19	20	20	20
	< 15 years -0 marks							
	15 years -15 marks							
	Add one mark extra for each additional year of experience subject to maximum 5 (five) marks							
ii)	Experience as Contract Specialist on any National/ State Highway project.	20		20	20	20	20	20
	< 4 years -0 marks							
	4 years -15 marks							
	Add one mark extra for each additional year of experience subject to maximum 5 (five) marks.							
iii)	Contract Management of a large Highway contract say over Rs.150 crore including experience of handling variation orders, claims of the contractor and there appropriate disposal	25		25	20	25	25	25
	> 2 nos - 0 marks							
	2 nos. -20 marks							
	Add 2.5 marks extra for each additional project subject to maximum 5 (five) marks.							
iv)	Experience of Handling Arbitration cases in respect of any Highway project. 1 project -4 marks 2 or more projects-5 marks	5		5	5	5	5	5
3	Employment with the Firm	5		3	0	0	5	5
	< 1 year -0 marks							
	1 year -3 marks							
	Add 0.5 marks for each subsequent year subject to maximum 2 marks							
	Total:	100	0	94	85	95	96	96

Independent Engineer services for Supervision of Construction of Eight lane access controlled Expressway from Km 69.800 to Km 79.783 (Bhoj to Morbe Section-SPUR of Vadodara Mumbai Expressway) in the State of Maharashtra on Hybrid Annuity mode under Bharatmala Pariyojana								
Evaluation Criteria for assessment of score of Key Staff for adequacy of the Assignment.								
3.8	Tunnel ventilation cum E&M Expert							
S. No.	Description	Max. Marks	Name of firms					
			M/s RITES Limited in association with Segmental Consulting & Infrastructure Advisory (P) Ltd.		M/s Altinok Consulting Engineering Inc. in JV with SA Infrastructure Consultant Pvt. Ltd. in association with Marsway Engineering Consultants and Construction Services Pvt. Ltd.		M/s Intercontinental Consultants and Technocrats Pvt. Ltd. in JV with Hexa Co. and in association with Nokang Infra Private Limited	
			Rafat Ahmad		Chan Sai Chok		Chandra Sheker	
			Marks		Marks		Marks	
			As Evaluated	Claimed by Bidder	As Evaluated	Claimed by Bidder	As Evaluated	Claimed by Bidder
1	General Qualification	25						
	I) Graduate in Civil/ Mechanical/ Electrical/ Electronics Engineering or equivalent	21		21	21	21	21	21
	II). Post Graduate in water Resource/ Tunnel/ Mechanical/ Electrical Engineering	4	Non-Responsive	0	0	0	0	
2	Adequacy for the Project	70						
a)	Total Professional Experience							
	<20 years – 0 marks 20 years – 11 marks Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks.		15	15	15	15	15	15
a ii)	Experience Tunnel (Road/Rail/Metro) MEP Works	15						
	<10 years – 0 marks 10 years – 11 marks Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks.		15	15	15	15	15	15
iii)	International exposure in tunnel MEP works	10						
	<5 years – 0 marks 5 years – 7 marks Add 1 mark extra for each additional projects subject to maximum 3 (three) marks.		10	10	10	10	9	10
b	Experience in Similar Capacity							
b i)	Experience in similar capacity of Tunnel MEP works during construction stage of tunnel projects (Road/Rail/Metro) of minimum length of 1.5 km < 2 projects – 0 marks 2 projects – 12 marks Add 1 mark extra for each additional projects subject to maximum 3 (three) marks.	15		15	12	15	12	15
b ii)	Experience in similar capacity of Tunnel MEP works in design stage on tunnel projects (Road/Rail/Metro) 1 project – 12 marks 2 or more – 15 marks	15		15	15	15	15	15
3	Employment with the Firm	5						
	< 1 year -0 marks							
	1 year -3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks			0	0	0	0	0
	Total:	100	0	91	88	91	87	91

Signature Not Verified

Digitally signed by RUPESH KUMAR SRIVASTAVA
Date: 2022.06.28 11:59:52 IST
Location: eProcurement System for Central PSUs