

राष्ट्रीय राजमार्ग एवं अवसंरचना विकास निगम लिमिटेड

सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार
तीसरी मंजिल, पीटीआई बिल्डिंग, 4-संसद मार्ग, नई दिल्ली-110001

National Highways & Infrastructure Development Corporation Limited

Ministry of Road Transport & Highways, Govt. of India
3rd Floor, PTI Building, 4-Parliament Street, New Delhi-110001, +91 11 23461600, www.nhidcl.com



BHARATMALA
ROAD TO PROSPERITY



CIN: U45400DL2014GOI269062

(भारत सरकार का उद्यम)

(A Government of India Enterprise)

NHIDCL/JK/NH1/Zojila/AE/2020/999

10.12.2020

To,

M/s ICT in JV with AIAPL Email: business@ictonline.com	M/s Ircon Infrastructure & Services Ltd in JV with Segmental in association with NM Engg. Consultancy Email: info@irconisl.com	M/s RITES Ltd. in association with Space Engineering Consortium Email: info@rites.com
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Subject: Consultancy Services as Authority's Engineer for Supervision of Construction of (i) Connecting road from Z-Morh Tunnel to Zojila Tunnel and (ii) 14.150 km long bi-directional tunnel across Zojila Pass on Sonamarg-Kargil section of NH-01 on EPC mode in the Union Territories of Jammu & Kashmir and Ladakh - **Technical Evaluation Result -reg.**

Ref: Your Bid dated 27.11.2020.

Sir,

Please refer to your proposal for the project cited above. In this regard the result after first and second stage evaluation is as under:

Sr. no.	Name of the Firm	Technical Score	Status of Eligibility
(i)	M/s ICT in JV with AIAPL	91.99	Eligible
(ii)	M/s Ircon Infrastructure & Services Ltd in JV with Segmental in association with NM Engg. Consultancy	84.64	Eligible
(iii)	M/s RITES Ltd. in association with Space Engineering Consortium	76.74	Eligible

If you have any comments on the enclosed evaluation sheets, you are requested to offer your comments at the earliest and latest by 11.12.2020 upto 1500 hrs. Financial bids will be opened on 14.12.2020 at 1115 hrs.

(B. Shivprasad)
General Manager (Tech.)

Encl: Detailed Evaluation.

National Highways & Infrastructure Development Corporation Limited
(Ministry of Road Transport & Highways, Government of India)

Date: 04.12.2020 (1100 Hrs)

Venue: PTI Building, 3rd Floor, Conference Hall, NHIDCL HQ, New Delhi.

Minutes of Meeting of Technical Bid Evaluation Committee (TEC) for “Consultancy Services as Authority’s Engineer for Supervision of Construction of (i) Connecting road from Z-Morh Tunnel to Zojila Tunnel and (ii) 14.150 km long bi-directional tunnel across Zojila Pass on Sonamarg-Kargil section of NH-01 on EPC mode in the Union Territories of Jammu & Kashmir and Ladakh”.

The following firms had submitted their bids on the CPP Portal by due date and time.

Sl. No.	Name of Firm
1.	M/s ICT in JV with AIAPL
2.	M/s Ircon Infrastructure & Services Ltd in JV with Segmental in association with NM Engg Consultancy
3.	M/s RITES Ltd. in association with Space Engineering Consortium

2. Having opened the Technical bids on 27.11.2020, the Committee (TEC) met on 04.12.2020 to undertake the Evaluation in accordance with the provisions of RFP and noted the following:

- (i) As per clause 3 of ITC, all the bidders registered on Infracon shall form a Team on Infracon and which would be assigned unique Infracon Team ID. Bidders while submitting the proposal shall quote the Infracon Team ID.
- (ii) As per clause 4 of ITC, Bid must be submitted online at e-tender portal of NHIDCL, <https://eprocure.gov.in> as per the date and time mentioned in Datasheet.
- (iii) As per clause 10 of ITC, the proposal should be submitted by consultancy firms in two parts. The two parts of the proposal are **Part1: Technical Proposal** and **Part2: Financial Proposal**. For a given EPC Project, Part 1 of Stage -2 of the Evaluation shall consider the evaluation of the Technical Proposal. The firms scoring the qualifying marks (minimum 75%) as specified in RFP shall only be considered for further evaluation. Under Part 2 of Stage-2, the financial proposal of such firms as selected above shall be opened and evaluated. Proposals will finally be ranked according to their combined technical and financial scores as specified in clause 5 of section 2. The first ranked Applicant shall be selected for negotiation (the “Selected Applicant”) while the second ranked Applicant will be kept in reserve
- (iv) As per clause 13 of ITC, only Indian firms are allowed to participate in the bid through National Competitive Bidding and no International Bidder/foreign bidder or company having ownership abroad will not be eligible as individually or as a member of a Joint Venture or as an associate. However, expert key personnel (max. 03) having citizenship / origin of the countries other than the countries having common land border with India will be permitted.

- (v) As per clause 14 of ITC, Consultants may apply either as a sole firm or forming Joint Venture with other consultants. In case of Joint Venture, **maximum 3 (three) members will be permitted to form a JV which includes One Lead + Two JV partners OR One Lead + One JV partner + One Associate OR One Lead + Two Associates at the discretion of the prospective bidders.** Formulation of more than one JV/association with different partners for the same work is not allowed and all such proposal involving the firms shall be treated as non-responsive. If the consultant submits bids as sole applicant and also in JV/Association with another consultant, both bids shall be summarily rejected. No consultant shall submit more than one bid.
- (vi) It was informed by the technical division that being the consultancy services for Authority's Engineer of Zojila Tunnel proposal submitted through INFRACON needs to be evaluated manually.

3. First Stage Evaluation:

3.1 The Committee noted the requirements of documents in support of proof of eligibility as per clause 4.1 of Letter of Invitation. The TEC carried out further evaluation in terms of proof of eligibility and the detailed evaluation is attached at Annexure-I. The evaluation result is tabulated below:

Sr. No.	Details of documents to be submitted online	1	2	3
		M/s ICT in JV with AIAPL	M/s Ircon Infrastructure & Services Ltd in JV with Segmental in association with NM Engg Consultancy	M/s RITES Ltd. in association with Space Engineering Consortium
1.	The proposal is accompanied by Document fee	Yes Received	Yes Received	Yes Received
3.	The firms(s) have required experience (Evaluation sheet at Annexure-I)	Yes	Yes	Yes
4.	The firms(s) have required turnover (Evaluation sheet at Annexure-I)	Yes	Yes	Yes
5.	The documents are properly signed by the authorized signatories and whether the proposal contains proper POA	Yes (Scanned copy)	Yes (Scanned Copy)	Yes (Scanned Copy)
6.	The proposals have been received on or before the dead line of submission.	Yes	Yes	Yes
7.	In case a Joint Venture/Association of firms, the proposal shall be accompanied by a certified copy of legally binding Memorandum of Understanding (MOU) on a stamp paper of Rs.100, signed by all firms to the joint venture/Association	Yes	Yes	Yes

4. The Committee after due deliberation found that the following responsive firms are eligible for the second stage of bid evaluation:

S. No.	Name of the Applicants	Eligibility
1.	M/s ICT in JV with AIAPL	Responsive
2.	M/s Ircon Infrastructure & Services Ltd in JV with Segmental in association with NM Engg Consultancy	Responsive
3.	M/s RITES Ltd. in association with Space Engineering Consortium	Responsive

5. The second stage evaluation of the above mentioned qualified firms were carried out. The key points observed during second stage evaluation are summed up as follows:

5.1 Relevant experience for assignments:-

The marks obtained by the firms towards relevant experience for assignments are enclosed as **Annexure-II** and marks obtained are given below:

Sr. No.	Name of the firm	Maximum Marks	Marks obtained
1.	M/s ICT in JV with AIAPL	40	38
2.	M/s Ircon Infrastructure & Services Ltd in JV with Segmental in association with NM Engg. Consultancy		32
3.	M/s RITES Ltd. in association with Space Engineering Consortium		35

5.2 Experience in use of technology for road inspection:

The marks obtained by the firms towards Experience in use of technology for road inspection are enclosed as **Annexure-III** and marks obtained are given below:

Sr. No.	Name of the firm	Maximum Marks	Marks obtained
1.	M/s ICT in JV with AIAPL	10	9.5
2.	M/s Ircon Infrastructure & Services Ltd in JV with Segmental in association with NM Engg. Consultancy		7
3.	M/s RITES Ltd. in association with Space Engineering Consortium		8

5.3 Qualifications and competence of the key staff for the assignment:

The marks obtained by the key personnel of the firms towards Qualifications and competence of the key staff for the assignments are enclosed as Annexure-IV and marks obtained are given below:

Position	Total marks	1	2	3
		M/s ICT in JV with AIAPL	M/s Ircon Infrastructure & Services Ltd in JV with Segmental in association with NM Engg. Consultancy	M/s RITES Ltd. in association with Space Engineering Consortium
		Marks	Marks	Marks
Team Leader cum Senior Tunnel Expert	10	8.80	9.00	7.50
Resident Engineer cum Tunnel Excavation Expert	6	5.34	5.70	4.92
Resident cum Highway Engineer	5	5.00	4.80	0
Tunnel Design Engineer	5	4.50	4.63	4.075
Tunnel Safety Expert	5	4.04	4.01	0
Senior Geotechnical Expert	5	3.95	4.45	4.15
Senior Geologist	5	4.48	4.45	4.60
Senior Quantity Cum Material Expert	5	4.55	4.75	4.75
Senior Contract Specialist	4	3.84	3.80	3.74
Total	50	44.49	45.64	33.74

6. The final technical scores (Annexure-V) were worked out as under:

Summary of evaluation of Technical Proposals						Remarks
S. No.		Relevant experience for assignments	Experience in use of technology for road inspection	Qualifications & competence of the key personnel	Total marks	
	Maximum Mark	40	10	50	100	
1	M/s ICT in JV with AIAPL	38	9.5	44.49	91.99	Eligible for opening of financial proposal
2	M/s Ircon Infrastructure & Services Ltd in JV with Segmental in association with NM Engg. Consultancy	32	7	45.64	84.64	Eligible for opening of financial proposal
3	M/s RITES Ltd. in association with Space Engineering Consortium	35	8	33.74	76.74	Eligible for opening of financial proposal

7. In view of the above, ETEC recommended that the following firms qualify for the Financial Bid Opening:

1. M/s ICT in JV with AIA
2. M/s Ircon Infrastructure & Services Ltd in JV with Segmental in association with NM Engg Consultancy
3. M/s RITES Ltd. in association with Space Engineering Consortium

Meeting ended with vote of thanks to the Chair.



Sh. Bhaskar Malick
Manager (Fin.)
(Member)



Sh. B. Shivprasad
GM (Tech.)
(Member Secretary)



Sh. A.K. Jha
GM (Tech.)
(Member)



Sh. Sanjeev Malik
Executive Director
(Convener)

Summary of evaluation of Technical Proposals

S. No.	Description	Maximum Marks	M/s ICT in JV with AIA	M/s Ircan Infrastructure & Services Ltd in JV with Segmental in association with NM Engg Consultancy	M/s RITES Ltd. in association with Space Engineering Consortium
			1	2	3
			Marks Awarded	Marks Awarded	Marks Awarded
1	Relevant experience for assignments	40	38	32	35
2	Assessment of Experience in use of Technology for road inspection	10	9.5	7	8
2	Qualifications and competence of the key personnel	50	44.49	45.64	33.74
	Total marks	100	91.99	84.64	76.74
	Remarks				



Evaluation of Technical Proposal - Summary of Key Personnel

Project Name: Consultancy services as Authority's Engineer for Supervision of Construction of (i) Connecting road from Z-Morh Tunnel to Zojila Tunnel and (ii) 14.150 km long bi-directional tunnel across Zojila Pass on Sonamarg-Kargil section of NH-01 on EPC mode in the Union Territories of Jammu & Kashmir and Ladakh

S. No.	Position	Total marks	2	3	5
			M/s ICT in JV with AIA	M/s Ircon Infrastructure & Services Ltd in JV with Segmental in	M/s RITES Ltd. in association with Space Engineering Consortium
			Marks	Marks	Marks
1	Team Leader cum Senior Tunnel Expert	10	8.80	9.00	7.5
2	Resident Engineer cum Tunnel Excavation Expert	6	5.34	5.70	4.92
3	Resident cum Highway Engineer	5	5.00	4.80	0
4	Tunnel Design Engineer	5	4.50	4.63	4.075
5	Tunnel Safety Expert	5	4.04	4.01	0
6	Senior Geotechnical Expert	5	3.95	4.45	4.15
7	Senior Geologist	5	4.48	4.45	4.6
8	Senior Quality cum Material Expert	5	4.55	4.80	4.75
9	Senior Contract Specialist	4	3.84	3.80	3.74
	Total	50	44.49	45.64	33.735

Project Name: Consultancy services as Authority's Engineer for Supervision of Construction of (i) Connecting road from Z-Morh Tunnel to Zojila Tunnel and (ii) 14.150 km long bi-directional tunnel across Zojila Pass on Sonamarg-Kargil section of NH-01 on EPC mode in the Union Territories of Jammu & Kashmir and Ladakh								
Evaluation for assesment of experience of the firms (Relevant experience of firm for assignment)								
S. No.	Description	Maximum marks	M/s ICT in JV with AIA ⁷]		M/s Ircon Infrastructure & Services Ltd in JV with Segmental in association with NM Engg Consultancy		M/s RITES Ltd. in association with Space Engineering Consortium	
			Details	Marks	Details	Marks	Details	Marks
I	Year of establishment of the firm (in case of JV, year of establishment of lead member shall be considered).	3	1987 (ICT)	3	1976	3	1974 (RITES)	3
i	< 5 years: 0 marks							
ii	Equal to 5 years: 1.5 marks							
iii	Add 0.25 (Zero point two five) marks for each additional year subject to maximum 3 marks (Total)							
II	Average Annual Turover (last three years) from consultancy business	2	279.43 Cr (ICT) 2.2 Cr (AIA)	2	Ircon: 54.12 (2019-20 Turnover not uploaded on INFRACON) Segmental: 19.34	2	2167.1 Cr (RITES) 3.50 Cr (Space)	2
i	< Rs 22.00 crore: 0 marks							
ii	Equal to Rs 22.00 crore: 1.5 marks							
iii	Add for additional turnover 0.25 (zero point two five) mark for every Rs 10 crore above Rs 120 crore subject to maximum 0.5 marks.							
III	Experience as construction supervision/Independent Engineer/Authority's Engineer in no. of projects of tunnel length equal to or more than 1.6 km of similar category of tunnel for which RFP is invited in last 10 years	10	Project serial nos. as on INFRACON <u>M/s ICT</u> Sl no. 74 : (8.8*0.40)= 2.64 km (role of an Enginner)	8	Ircon: Nil Segmental: Sl. No. 1 , 5	9	Project serial nos. as on INFRACON <u>M/s RITES</u> Sl No. 59 : (55.016*0.40) =22 km : Supervision (General Consultancy)	10
i	1 project - 8 marks							
ii	Add 1 (one) mark extra for completed assignment of AE/IE and add 0.5 (zero point five) mark extra for completed assignment for supervision consultancy subject to maximum 10 (ten) marks (Total)							
IV	Experience in DPR preparation/ Feasibility Study cum Preliminary Design Report for no. of projects of tunnel length equal to or more than 1.6 km of similar category of tunnel for which RFP is invited in last 10 years	10	Project serial nos. as on INFRACON <u>M/s ICT</u> Sl No. 140 : 34.03 km Sl No. 144 : (15.16*0.60)= 9.09 km <u>M/s AIA:</u> Sl No. 1 : (7.1*0.25)= 1.78 km	10	Ircon: Sl. No. 1 Segmental : Nil	8	Project serial nos. as on INFRACON <u>M/s RITES</u> Sl No. 56 : 10 km (in certificate not mentioned about tunnel)	10
i	1 project- 8 marks							
ii	Add 1 (one) mark extra for completed assignment of DPR preparation/ Feasibility Study cum Preliminary Design Report subject to maximum 10 (ten) marks (Total)							
V	In hand DPR/AE/IE/Consultancy Services of highway/bridge/tunnel projects for NHIDCL (presently under progress) as Sole/JV partner/ Associate Consultant	10	Project serial nos. as on INFRACON <u>M/s ICT</u> Sl No. 159 <u>M/s AIA:</u> Sl. No. 1 Approach to Zojila Sl No. 2 (AEM) Sl No. 3 (Jammu-Akhnoor - IIIA) Sl. No. 5 (Mizoram - JICA Project) Sl No. 6 (AAE) Sl No. 7 (Aizawl Bypass)	10	Ircon: Nil Segmental : 01 (J&K) not updated on Infracon NM Engineering : 01 (Meghalaya) Not updated on Infracon	5	Project serial nos. as on INFRACON <u>M/s RITES</u> 6 projects (pdf 123) not given in INFRACON	5
i	< 2 projects - Zero Marks							
ii	2 to 5 projects - 5 Marks							
iii	> 5 projects - 10 Marks							
VI	Experience in construction supervision/DPR/design review of major structures (bridges/tunnels) having length of more than 500m in last 10 years	5	Project serial nos. as on INFRACON <u>M/s ICT</u> Sl No. 47 :2.96 km Sl No. 64 :0.810 km Sl No. 131 : 3.8 km (pdf Pg 398) Sl No. 95 : (1.47*0.60)= 0.88 km Sl No. 148 : 0.60 km (pdf Pg 425)	5	Ircon : 4, 5, 6 & 7 Segmental : 5	5	Project serial nos. as on INFRACON <u>M/s RITES</u> Sl No. 56 : 10 km (in certificate not mentioned about tunnel)	5
i	1 project- 3 marks							
ii	Add 0.5 (zero point five) mark extra for each additional project subject to maximum 5 (five) marks (Total)							
	Total	40		38		32		35
Note 1: In case of JV, the turnover and experience details of Lead and JV partners to be added. Note 2: Employer's certificate/ certificate from Statutory Auditor should be submitted substantiating the experience/turnover claimed by the firm. Note 3: ** For this, project experience of twin tunnel for road/rail/metro will be considered with a multiplication factor of 2.0.								

** Tunnel Works as applicable for the project for which RFP is invited. Road/Rail/Metro tunnel will be considered as part of transportation tunnel of similar category of projects. For standalone tunnel projects, experience in Tunnel work (either standalone project or as a part of road project) only be considered.

Project Name: Consultancy services as Authority's Engineer for Supervision of Construction of (i) Connecting road from Z-Morh Tunnel to Zojila Tunnel and (ii) 14.150 km long bi-directional tunnel across Zojila Pass on Sonamarg-Kargil section of NH-01 on EPC mode in the Union Territories of Jammu & Kashmir and Ladakh

Evaluation for assesment of experience of the firms (Relevant experience of firm for assignment)									
S. No.	Description	Maximum points	Sub-points	M/s ICT in JV with Anandjiwala Infra Advisory		M/s Ircon Infrastructure & Services Ltd in JV with Segmental in association with NM Engg Consultancy		M/s RITES Ltd. in association with Space Engineering Consortium	
				Details	Marks	Details	Marks	Details	Marks
1	Experience in Network Survey Vehicle (NSV) or better technology for pavement inspection	3.5		Pdf page no. 481 (Technical Bid-1)	3.5	-	1.5	Pdf page no. 265	2.5
1.1	Equipment	2			2		0		1
	(a) Equipment on MOU with Associate or on hiring basis		1						
	(b) Own Equipment		2						
1.2	Experience	1.5		Infracon Sr No. 124 (pdf 490),125 (pdf 492), 128 (pdf 484),140 (pdf 497),151 (pdf 502),152 (pdf 505)	1.5	Infracon: Sr No. 10 (pdf 192), 1 (pdf 196), 7(pdf 196), 5 (pdf 196),8 (pdf 206),(pdf 209)	1.5	Infracon: Sr No. (pdf 301), (pdf 303),(pdf 305),(pdf 307),(pdf 309),(pdf 311),	1.5
	(a) 1-2 projects		0.5						
	(b) 3-5 projects		1						
	(c) >5projects		1.5						
2	Experience in Falling Weight Deflectometer (FWD) or better technology for pavement strength	2		Pdf page no.513 (Technical Bid-1)	2	Pdf page no. 189	2	Pdf page no. 264	1.5
2.1	Equipment	1			1		1		0.5
	(a) Equipment on MOU with Associate or on hiring		0.5						
	(b) Own Equipment		1						
2.2	Experience	1		Infracon Sr No. 105 (pdf 523),119 (pdf 535), 151 (pdf 530),152 (pdf 534)	1	Infracon: Sr No. 10 (pdf 192), 1 (pdf 196), 7(pdf 196), 5 (pdf 196),8 (pdf 206)	1	Infracon: Sr No. 10 (pdf 281), 13 (pdf 277), 14(pdf 274), 15 (pdf 279)	1
	(a) 1-3 projects		0.5						
	(b) > 3 projects		1						
3	Experience in Mobile Bridge Inspection Unit or better technology for bridge inspection	2.5		Pdf page no.513 (Technical Bid-1)	2	-	1.5	Pdf page no. 262	2.5
3.1	Equipment	1			1		0		1
	a) Equipment on MOU with Associate or on hiring		0.5						
	b) Own Equipment		1						
3.2	Experience	1.5		Infracon Sr No. 126 (pdf 553),134 (pdf 556), 117 (pdf 559),151 (pdf 561),152 (pdf 564)	1	Infracon: Sr No. 10 (pdf 193), 1 (pdf 196), 7(pdf 196), 5 (pdf 196),8 (pdf 206)	1.5	Infracon: Sr No. 10 (pdf 281), 13 (pdf 277), 14(pdf 274), 15 (pdf 279), (pdf 286), (pdf 287),	1.5
	(a) 1-2 projects		0.5						
	(b) 3-5 projects		1						
	(c) 5 projects		1.5						
4	Experience in Retro reflectometer technology	2		Pdf page no.593 (Technical Bid-1)	2	Pdf page no. 188	2	Pdf page no.269	1.5
4.1	Equipment	1			1		1		0.5
	(a) Equipment on MOU with Associate or on hiring		0.5						
	(b)Own Equipment		1						
4.2	Experience	1		Infracon Sr No. 72 (pdf 597),117 (pdf 601),120 (pdf 605),134 (pdf 614)	1	Infracon: Sr No. 1 (pdf 196), 7(pdf 196), 5 (pdf 196),8 (pdf 206)	1	Infracon: Sr No. 7 (pdf 322), 1&2 (pdf 324), 5&9 (pdf 327),	1
	(a)1-3 projects		0.5						
	(b)> 3 projects		1						
	Total	10			9.5		7		8

Note: A. The Authority's Engineer owning the equipments shall be required to submit proof of ownership.

Project Name: Consultancy services as Authority's Engineer for Supervision of Construction of (i) Connecting road from Z-Morh Tunnel to Zojila Tunnel and (ii) 14.150 km long bi-directional tunnel across Zojila Pass on Sonamarg-Kargil section of NH-01 on EPC mode in the Union Territories of Jammu & Kashmir and Ladakh

Team Leader cum Senior Tunnel Expert		1		2		3	
Sl. No.	Description	Maximum Marks		M/s Ircon Infrastructure & Services Ltd in JV with Segmental in association with NM Engg Consultancy		M/s RITES Ltd. in association with Space Engineering Consortium	
	Name of Key Personnel						
1	General Qualification						
		25	25			21	21
	i) Graduate in Civil/Mining Engineering or equivalent	21		21			21
	ii) Post-Graduate or chartered engineer in Mining Engineering/ Geotechnical Engineering / Structural Engineering / Rock Mechanics or equivalent	4		4		0	0
2	Adequacy for the Project	70		63		69	54
a i)	Total Professional International Experience in handling major tunnel projects <5 years - 0 marks 5 years - 5 marks Add 1 mark extra for each additional year of experience subject to maximum 2 (two) marks.	7	>7 yrs	7	>15 yrs Sl No. 1,2,7,8,9,10,11 & 12	7	> 7 yrs 7
a ii)	Total professional experience in handling major tunnelling projects <15 years – 0 marks 15 years – 6 marks Add 1 mark extra for each additional year of experience subject to maximum 2 (two) marks	8	18 yrs, 8 months (Sr. no. 1,3,6,9,10,11,12)	8	> 24 yrs	8	> 17 yrs (Sr. no. 2,3,4,7,8,11,13,14,15,16,17)
a iii)	Experience in major tunnel construction/construction supervision projects (Road/Rail/Metro) <10 years – 0 marks 10 years - 7 marks Add 1.5 marks extra for each additional year of experience subject to maximum 3 marks.	10	18 yrs, 2 months (Sr. no. 1,3,6,9,10,11)	10	>23 yrs	10	12 yrs, 5 month (Sr. no. 4,5,6,8,13,15,17)
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 4 km <5 years - 0 marks 5 years - 7 marks Add 1.5 marks extra for each additional year of experience subject to maximum 3 marks.	10	12 yrs, 6 month (Sr. no. 1,6,9,10,11)	10	<12 yrs	10	10 yrs (Sr. no.3, 8, 9, 14,15,17)
b ii)	Experience as Team Leader or similar capacity of project Preparation/ Design of tunnel projects(Road/Rail/Metro) of length 4 km or more 1 Project - 8 marks Add 1 mark extra for each additional projects subject to maximum 2 marks.	10	Sr. no. 12	8	3 projects Sl no. 5, 7 & 11	10	0
b iii)	Experience as Team Leader or similar capacity in construction supervision of similar tunnels (Road/Rail/Metro) of length 4 km or more < 2 projects - 0 marks 2 Projects - 8 marks Add 1 mark extra for each additional projects subject to maximum 2 (two) marks.	10	(Sr. no. 1,6,9,10)	10	4 projects Sl No. 2,8,9,12	10	(Sr. no. 14, 15, 16,17) 10
b iv)	Experience as Team Leader or similar capacity in construction supervision of similar tunnels (Road/Rail/Metro) of length 4 km or more outside India < 2 projects - 0 marks 2 Projects - 8 marks Add 1 mark extra for each additional projects subject to maximum 2 (two) marks	10	(Sr. no. 1,6,9,10)	10	4 projects Sl No. 2,8,9,12	10	2 projects Sl. No. 3, 8 & 10 9
c	Experience in project preparation/design of major tunnel projects apart from those under 2 (b) (ii) 1 project - 4 marks 2 or more projects - 5 marks	5		0	1 project Sl. No. 3	4	0
3	Employment with the Firm < 1 year - 0 marks 1 year - 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks	5		0		0	0
Total :		100		88		90	75

[Handwritten Signature]

Project Name: Consultancy services as Authority's Engineer for Supervision of Construction of (i) Connecting road from Z-Morth Tunnel to Zojila Tunnel and (ii) 14.150 km long bi-directional tunnel across Zojila Pass on Sonamarg-Kargil section of NH-01 on EPC mode in the Union Territories of Jammu & Kashmir and Ladakh

Resident Engineer cum Tunnel Excavation Expert			1		2		3	
Sl. No.	Description	Maximum marks	M/s ICT in JV with AIA		M/s Ircon Infrastructure & Services Ltd in JV with Segmental in		M/s RITES Ltd. in association with Space Engineering Consortium	
General Qualification			25					
1	i) Graduate in Civil/Mining Engineering or equivalent	21		21		21		21
	ii) Post graduate or chartered engineer in Civil/Mining Engineering or equivalent	4	M.Tech (Building Science & Tech)	0		0		0
2	Adequacy for the Project	70		68		69		61
a i)	Total Experience <15 years - 0 marks 15 years - 4 marks Add 0.5 mark extra for each additional year of experience subject to maximum 1 (one) marks	5	30 yrs, 10 months	5	<30 yrs	5	34 yrs	5
a ii)	Total Professional experience in handling major tunnelling projects < 10 years - 0 10 years - 7 marks Add 1.5 marks extra for each additional year of experience subject to maximum 3 (three) marks.	10	>12 yrs	10	<10 yrs 3,4,5,6 & 7	10	>12 yrs	10
a iii)	Total Professional International Experience in handling major tunnel projects <5 years - 0 marks 5 years - 8 marks Add 1 mark extra for each additional year of experience subject to maximum 2 (two) marks.	10	>10 yrs	10	<5 yrs 6, & 7	10	9 yrs	10
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) < 7 years - 0 7 years - 7 marks Add 1.5 marks extra for each additional year of experience subject to maximum 3 (three) marks.	10	>10 yrs	10	<7 yrs 3,4,5,6 & 8	10	9 yrs	10
b ii)	Experience as Tunnel Excavation Expert or similar capacity in construction supervision of tunnel projects (Road/Rail/Metro) of minimum length of 4 km (minimum one year supervision in a project) < 2 projects - 0 2 projects - 8 marks Add 1 marks extra for each additional projects subject to 2 (Two) marks.	10	(Sr.No. 6,9,10,12)	10	4 projects 6,8,9 & 13	10	(Sr.No. 6,9)	8
b iii)	Experience in tunnel design/ DPR preparation / feasibility study/design review involving major tunnel projects (Road/Rail/Metro) of minimum of 4 km (minimum 1 year experience in a project) 1 project - 7 marks Add 1 mark extra for each additional projects subject to maximum 3 (three) marks.	10	(Sr.No. 5,8,10,13)	10	2 Projects 8,12, 13 & 16	10	(Sr.No. 6,8,9)	9
b iv)	International Experience as Tunnel Excavation Expert or similar capacity in construction supervision of tunnel projects (Road/Rail/Metro) of minimum length of 4 km (minimum one year supervision in a project) < 2 projects - 0 2 projects - 8 marks Add 1 marks extra for each additional projects subject to 2 (Two) marks.	10	(Sr.No. 6,11,12)	9	3 projects 6, 7, 9	9	(Sr.No. 6,8,9)	9
c	Experience in construction of major tunnel projects(Road/Rail/Metro) apart from those under 2(b) (ii) 1 project - 3 marks Add 1 mark extra for each additional projects subject to maximum 2 (two) marks.	5	(Sr.No.15, 16)	4	3 projects 3, 4, 5	5		0
3	Employment with the Firm < 1 year - 0 marks 1 year - 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks	5		0	since 2008	5		0
Total :		100		89		95		82
Max Age = 65 Years								
Note:-								
Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not < 12 months (unless specified).								
** tunnel projects, unless specifically mentioned, has to be major tunnels of length equal to or more than 1.5 Km to be considered for evaluation.								
Similar Capacity:								
(i) On the behalf of Consultant: Resident Engineer/Tunnel Design Engineer/Tunnel Engineer/Tunnel Excavation Engineer.								
(ii) On behalf of Contractor: Resident Engineer/Tunnel Engineer/ Tunnel Excavation Engineer /Project Manager.								
(iii) In Government Organizations: Superintendent Engineer (or equivalent) and above.								

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Project Name: Consultancy services as Authority's Engineer for Supervision of Construction of (i) Connecting road from Z-Morth Tunnel to Zojila Tunnel and (ii) 14.150 km long bi-directional tunnel across Zojila Pass on Sonamarg-Kargil section of NH-01 on EPC mode in the Union Territories of Jammu & Kashmir and Ladakh

Resident cum Highway Engineer		1		2		3	
Sl. No.	Description	M/s ICT in JV with AIA		M/s Ircon Infrastructure & Services Ltd in JV with	M/s RITES Ltd. in association with Space Engineering		
		Maximum Marks	Details	Marks Awarded	Details	Marks Awarded	
1	General Qualification	25		25		0	
	i) Graduate in Civil Engineering	21		21		0	
	ii) Post Graduation in Transportation/Highway Engineering/Structural Engineering/Geotechnical Engineering or equivalent	4		4	Only Diploma holder	0	
2	Adequacy for the Project	70		70		70	
	Professional Experience						
i)	Total Professional Experience in handling Highway projects < 12 years -0 12 years -16 marks Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks.	20	33 yrs, 4 months	20	< 12 yrs	20	
ii)	Experience as Resident Engineer/Project Director/Project Manager/Supervising Engineer equivalent/Executive Engineer or equivalent on construction works/Authority Engineer /Independent Engineer Projects (similar configuration (2/4/6 laning*) and above). < 5 years -0 5 years -15 marks Add 1 marks extra for each additional year of experience subject to maximum 5 (five) marks.	20	10 yrs, 2 months	20	<10 yrs 2,3,4,5 &6	20	
iii)	Experience in similar capacity in handling major 2/4/6- laning** projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) < 2 nos. -0 2 nos. -19 marks Add three marks extra for each additional project subject to maximum 6 (Six) marks.	25	Sr.no. 4,6,7,8 (TL)	25	<4 projects Sr. no. 3, 4, 5, 7, 8	25	
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 laning**) and above) 1 Project- 4 marks Add 1 (one) mark extra for each additional project subject to maximum 1 (one) mark	5	Sr.no. 4,8 (TL)	5	2 projects Sl. No. 2 & 5	5	
3	Employment with the Firm < 1 year - 0 marks 1 year - 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks	5		5	since 1999	0	
	Total :	100		100	96	0	
Note:- Max Age = 65 Years							
(1) Similar Capacity includes the following positions							
i) On behalf of Consultant: Resident / Highway Engineer							
ii) On behalf of Contractor: Resident Engineer Highway Engineer / Project Manager (Construction/Construction Supervision)							
iii) In Government Organizations: Executive Engineer (or equivalent) and above							
(2) Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not < 12 months.							
(3) In case of experience on behalf of Authority's Engineer or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from Govt. Agency, the experience uploaded on INFRACON Portal will be taken into consideration. However, the key personnel/ bidder will be solely responsible for any fake information/ CV, which may result in debarment.							

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Project Name: Consultancy services as Authority's Engineer for Supervision of Construction of (i) Connecting road from Z-Morh Tunnel to Zojila Tunnel and (ii) 14.150 km long bi-directional tunnel across Zojila Pass on Sonamarg-Kargil section of NH-01 on EPC mode in the Union Territories of Jammu & Kashmir and Ladakh

Tunnel Design Engineer		1		2		3	
Sl. No.	Description	Max. Marks	M/s ICT in JV with AIA	M/s Irecon Infrastructure & Services Ltd in JV with Segmental in	M/s RITES Ltd. in association with Space Engineering Consortium		
	Name of the Key personnel		Details	Marks Awarded	Details	Marks Awarded	
1	General Qualification	25		21			21
	i) Graduate in Civil Engineering/ Mining Engineering or equivalent	21		21			21
	ii) Post Graduation in Design/Structural Engineering or equivalent	4		0			0
2	Adequacy for the Project	70		69			55.5
a. i)	Total Professional Experience ≤20 years - 0 marks 20 years - 4 marks Add 0.5 mark extra for each additional year of experience subject to maximum 1 (one) marks	5	35 yrs, 10months	5	< 20 yrs	5	35 yrs, 2 months
a. ii)	Total Professional Experience in handling major tunnel projects ≤12 years - 0 12 years- 7 marks Add 1 mark extra for each additional year of experience subject to maximum 3 (three) marks.	10	>16 yrs	10	<15 yrs 2,4,5,8 &10	10	18yrs
a. iii)	Total Professional International Experience in handling major tunnel projects ≤5 years - 0 marks 5 years - 8 marks Add 1 mark extra for each additional year of experience subject to maximum 2 (two) marks.	10	>7yrs	10	5.2 yrs Project 2	8	
b	Experience in Similar Capacity						
b. i)	Experience in tunnel design (Road/Rail/Metro) works in similar capacity ≤12 years - 0 12 years - 7 marks Add 1 mark extra for each additional year of experience subject to maximum 3 (three) marks.	10	>17 yrs	10	<15 yrs 4,5,8, 10, 11, 12, 13 & 14	10	>17yrs (Exp of TL cum Sr tunnel expert also considered)
b. ii)	Experience in similar capacity in Project Preparation/DPR involving design of tunnels (Road/Rail/Metro) of more than 4 km length (Min. 1 year experience in a project) ≤3 projects - 0 3 projects - 11 marks Add 1 mark extra for each additional projects subject to maximum 4 (four) marks.	15	Sr.no. 23,24(FS), 46,47 (FS), 48,50,51,52	14	< 7 projects 5,8,10,11,13,14,15 & 16	15	Sr.no. 5,7(TL),13,19,24 (TL)
b. iii)	Experience in similar capacity in construction/construction supervision projects involving design/design review of tunnels of more than 4 km length (Min. 1 year experience in project) ≤2 projects - 0 2 projects - 7 marks Add 1.5 mark extra for each additional projects subject to maximum 3(three) marks.	10	Sr.no. 21,36,43,49	10	3 projects 6, 9& 12	8.5	Sr.no. 13(TL),16(TL),18 (TL)
c. i)	Experience in innovation tunnel design (Road/Rail/Metro) like immersed tunnel / sub-sea bored tunnel / high altitude tunnels (more than 2500 M above msl. 1 projects - 4 marks 2 or more projects -5 marks	5	Sr.no. 24,40	5	Sl no. 8, 13	5	Sr.no. 7,19
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	Sr.no. 6,45	5	Project 4 & 17	5	Sr.no. 17
3	Employment with the Firm ≤ 1 year - 0 marks 1 year - 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks	5		0	since 1999	5	
	Total :	100		90		92.5	81.5

Max Age =65 Years

Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not < 6 months (unless specified)

** tunnel projects, unless specifically mentioned, has to be major tunnels of length equal to or more than 1.5 Km to be considered for evaluation

Similar Capacity:

- (i) On the behalf of Consultant/Contractor: Tunnel Design Engineer/Tunnel Designer
(ii) In Government Organizations: Superintendent Engineer (or equivalent) and above

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Project Name: Consultancy services as Authority's Engineer for Supervision of Construction of (i) Connecting road from Z-Morh Tunnel to Zojila Tunnel and (ii) 14.150 km long bi-directional tunnel across Zojila Pass on Sonamarg-Kargil section of NH-01 on EPC mode in the Union Territories of Jammu & Kashmir and Ladakh

Tunnel Safety Expert									
Sl. No.	Description	Yes/No	1 M/s ICT in JV with AIA		2 M/s Irecon Infrastructure & Services Ltd in JV with Segmental in association with NMI		3 M/s RITES Ltd. in association with Space Engineering Consortium		
			Details	Marks Awarded	Details	Marks Awarded	Details	Marks Awarded	
1	General Qualification	25		21		21		21	
	i) Graduation in Engineering or equivalent	21		21		21		21	
	ii) Any professional Certification from a recognized/statutory body on safety/health/shot firer	4		0		0		0	
2	Adequacy for the Project	70		56.25		56.25		54.25	
a. i)	Total Professional Experience <20 years - 0 20 years - 11 marks Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks.	15	37yrs, 6months	15	25 yrs	15	25yrs	15	
a. ii)	Experience Tunnel (Road/Rail/Metro) Safety Works <10 years - 0 10 years - 11 marks Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks.	15	17yrs, 8months Sr. no. 7,10,13,18,22,28 (has worked as safety expert and tunnel engineer)	15	< 14 yrs 3,4,5,6,7 7 9	15	>15 yrs	15	
a. iii)	International exposure in tunnel safety works <7 years - 0 7 years - 7 marks Add 1 mark extra for each additional projects subject to maximum 3 (three) marks.	10		0	Nil	0		0	
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 4 km < 2 projects - 0 2 projects - 15 marks Add 1.25 mark extra for each additional projects subject to maximum 5 (five) marks	20	Sr.no. 7,13,25	16.25	3 projects 3, 9 & 11	16.25	Sr.no. 4,5,8	16.25	
b. ii)	Experience in similar capacity of Tunnel Safety Audits in design stage on tunnel projects (Road/Rail/Metro) 1 project - 8 marks 2 or more - 10 marks	10	Sr.no. 10,18	10	<3 projects 5,6 & 7	10	Sr.no. 4	8	
3	Employment with the Firm < 1 year - 0 marks 1 year - 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks	5		3.5	Since 2019	3			
	Total :	100		80.75		80.25		0	
	Max Age = 65 Years								
	Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not < 12 months (unless specified)								
	** tunnel projects, unless specifically mentioned, has to be major tunnels of length equal to or more than 1.5 Km to be considered for evaluation								
	Similar capacity: (i) On the behalf of Consultant/Contractor: Tunnel Safety Engineer/Tunnel Safety Expert (ii) In Government Organizations: Superintendent Engineer (or equivalent) and above								

Signature

Project Name: Consultancy services as Authority's Engineer for Supervision of Construction of (i) Connecting road from Z-Morth Tunnel to Zojila Tunnel and (ii) 14.150 km long bi-directional tunnel across Zojila Pass on Sonamarg-Kargil section of NH-01 on EPC mode in the Union Territories of Jammu & Kashmir and Ladakh

Senior Geotechnical Expert		1		2		3		
Sl. No.	Description	Yes/No	M/s ICT in JV with AIA		M/s Irecon Infrastructure & Services Ltd in JV with Segmental in association with NM Engg Consultancy		M/s RITES Ltd. in association with Space Engineering Consortium	
			Details	Marks Awarded	Details	Marks Awarded	Details	Marks Awarded
1	General Qualification i) Graduate in Civil Engineering/ Masters in engineering Geology or equivalent from a recognized university ii) Post Graduate in Rock Mechanics /Foundation Engineering/ Tunnel Engineering	25 21		25 21		21 21		21
2	Adequacy for the Project a. i) Total Professional Experience ≤20 years - 0 20 years - 11 marks Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks.	70 15	26 yrs	54 15	< 25 yrs	63 15	31yrs	57 15
	a. ii) Experience in Construction/ Construction Supervision of major tunnel projects(Road/Rail/Metro) ≤ 10 years - 0 10 years - 7 marks Add 1 mark extra for each additional year of experience subject to maximum 3 (three) marks.	10	10yrs	7	< 13 yrs 2,4,5,6,8,9,10,11,12 & 13	10	13yrs, 5 months	10
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 equal to or more than 4 km ≤ 4 projects - 0 4 projects - 17 marks Add 2 mark extra for each additional project subject to maximum 8 (eight) marks.	25	Sr.no.2,3,5,7,13	19	6 projects 2,6,9,11, 12, 14 & 15	23	Sr.no.7,8,10,12,13	19
	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 1 project - 4 marks 2 or more projects - 5 marks	5		0	-	0		0
	b. iii) Experience as Geotechnical engineer or similar capacity in design/project preparation of tunnel projects(Road/Rail/Metro) of atleast 4 km length ≤ 2 projects - 0 2 projects - 11 marks Add 2 marks extra for each additional projects subject to maximum 4 (four) marks.	15	Sr.no.1,4,6	13	3 projects 5, 8, 10 & 13	15	Sr.no2,6,14	13
3	Employment with the Firm ≤ 1 year - 0 marks 1 year - 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks	5		0	since 1992	5		5
	Total :	100		79		89		83
	Note:- Max Age =65 Years							
	Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not < 12 months (unless specified)							
	** tunnel projects, unless specifically mentioned, has to be major tunnels of length equal to or more than 1.5 Km to be considered for evaluation							
	Similar Capacity: (i) On the behalf of Consultant/Contractor: Senior Geotechnical Engineer (ii)In Government Organizations: Superintendent Engineer (or equivalent) and above							

Project Name: Consultancy services as Authority's Engineer for Supervision of Construction of (i) Connecting road from Z-Morh Tunnel to Zojila Tunnel and (ii) 14.150 km long bi-directional tunnel across Zojila Pass on Sonamarg-Kargil section of NH-01 on EPC mode in the Union Territories of Jammu & Kashmir and Ladakh

Senior Geologist						
Sl. No.	Description	Yes/No	1		2	
			M/s ICT in JV with AIA		M/s Ircon Infrastructure & Services Ltd in JV with Segmental in association with NM Engg Consultancy	
			Details	Marks Awarded	Details	Marks Awarded
1	General Qualification	25		25		25
	i) Masters in Geology /Applied Geology/Engineering Geology from recognized university or equivalent y	25		25		25
2	Adequacy for the Project	70		64.5		64
a. i)	Total Professional Experience <20 years - 0 20 years - 15 marks Add 1 mark extra for each additional year of experience subject to maximum 5 (five) marks.	20	24yrs	19	22 yrs	17
a. ii)	Experience in major Tunnel construction/construction supervision Projects (Road/Rail/Metro/Hydro) using NATM technology < 5 years - 0 5 years - 12 marks Add 1.5 marks extra for each additional year subject to maximum 3 (three) marks.	15	11yrs, 3months	15	<8 yrs Sl. No. 2,4,5,6	15
b	Experience in Similar Capacity					
b. i)	Experience in major Tunnel(Road/Rail/Metro) Construction works in similar capacity < 7 years - 0 7 years - 12 marks Add 1 mark extra for each additional year of experience subject to maximum 3 (three) marks.	15	11yrs, 3months	15	<13 yrs Sl. No. 2,4,5,6	15
b. ii)	Experience in similar capacity in project preparation/DPR/Geophysical investigations involving of major tunnel projects (Road/Rail/Metro). (Min 1 year experience in a project) <2 projects - 0 2 projects -7 marks Add 1.5 marks extra for each additional projects subject to maximum 3 (three) marks.	10	Sr.no.4,7,10	8.5	3 projects Sl. No. 3,8, 10	8.5
b. iii)	Experience in similar capacity in tunnel construction/construction supervision (Road/Rail/Metro) in Himalayan Geology with minimum length of 4 km < 2 projects - 0 2 project - 7 marks Add 1.5 marks extra for each additional projects subject to maximum 3 (three) marks.	10	Sr.no.9,11	7	3 projects Sl No. 4,5 & 8	8.5
3	Employment with the Firm	5		0	since 2016	0
	< 1year - 0 >1 year to 2 years - 2 marks >2 years to 3 years - 3 marks > 3 years - 5 marks					
	Total :	100		89.5		89
	Max Age =65 Years					
	Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not < 12 months (unless specified)					
	** tunnel projects, unless specifically mentioned, has to be major tunnels of length equal to or more than 1.5 Km to be considered for evaluation					
	Similar Capacity: (i) On the behalf of Consultant/Contractor: Senior Geologist (ii) In Government Organizations: Superintendent Engineer (or equivalent) and above					



Project Name: Consultancy services as Authority's Engineer for Supervision of Construction of (i) Connecting road from Z-Morth Tunnel to Zojila Tunnel and (ii) 14.150 km long bi-directional tunnel across Zojila Pass on Sonamarg-Kargil section of NH-01 on EPC mode in the Union Territories of Jammu & Kashmir and Ladakh

Senior Quality cum Material Expert		1		2		3	
Sl. No.	Description	M/s ICT in JV with AIA		M/s Irecon Infrastructure & Services Ltd in JV with Segmental in		M/s RITES Ltd. in association with Space Engineering	
	Name of Key Personnel	Max. Marks	Details	Marks Awarded	Details	Marks Awarded	Details
1	General Qualification I) Graduate in Civil Engineering II) Post Graduation in Geotechnical Engineering/ Foundation Engineering/ Soil Mechanics/ Rock Mechanics	25 21		21 21		21 21	25 21
2	Adequacy for the Project	70		70		70	70
i)	Total Professional Experience in handling Highway/Bridge/Tunnel projects < 10 years -0 10 years -11 Add one mark extra for each additional year of experience subject to maximum 4 (four) marks.	15	26yrs	15	21 yrs	15	23yrs,8mths 15
ii)	Experience in similar capacity in Construction / Construction Supervision of major Highway/Tunnel Projects (similar configuration (2/4/6 laning**) and above) < 5 years -0; 5 years -19 Add 2 (two) marks extra for each additional year of experience subject to maximum 6 (Six) marks.	25	>9yrs	25	<10 yrs Sl. No. 1,3, 4, 5 &6	25	>9yrs 25
iii)	Experience in similar capacity in handling Similar Highway/Tunnel 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.	30	r.no.1,2,3,4	30	Sl. no. 1,2,3,4 & 5	30	Sl.no.5,6,8,9 30
3	Employment with the Firm < 1 year - 0 marks 1 year - 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks. Total :	5 100		0 91	since 2004	5 96	0 95
	Max Age =65 Years						

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Project Name: Consultancy services as Authority's Engineer for Supervision of Construction of (i) Connecting road from Z-Morth Tunnel to Zojila Tunnel and (ii) 14.150 km long bi-directional tunnel across Zojila Pass on Sonamarg-Kargil section of NH-01 on EPC mode in the Union Territories of Jammu & Kashmir and Ladakh

Senior Contract Specialist							
Sl. No.	Description	Max. Marks	1		2		3
	Name of Key Personnel		M/s ICT in JV with AIA	M/s Ircon Infrastructure & Services Ltd in JV with Segmental in association with NM	M/s RTES Ltd. in association with Space Engineering Consortium		
			Details	Marks Awarded	Details	Marks Awarded	
1	General Qualification	25		21	21		21
	i) Graduate in Civil Engineering	21		21	21		21
	ii) Post Graduate Degree in Law/ PG in management/ certificate course in management/ certificate course in construction management / certificate course in contract management	4		0	0		0
2	Adequacy for the Project	70		70	69		67.5
i)	Total Professional Experience in Contract Management	20	35yrs	20	19 yrs	34yrs	20
	<15 years - 0						
	15 years - 15 marks						
	Add 1 mark extra for each additional year of experience subject to maximum 5 (five) marks.						
ii)	Experience as Contract Specialist on any National/State Highway/Tunnel projects	20	>10yrs	20	more than 10 yrs	>10yrs	20
	< 4 years - 0						
	4 years - 15 marks						
	Add 1 mark extra for each additional year of experience subject to maximum 5 (five) marks.						
iii)	Contract Management of a large highway/tunnel contract say over Rs 150 crore including experience of handling variation orders, claims of the contractor and there appropriate disposal	25	Sr.no.5,6,7,14	25	5 projects 3,4,5,6 & 7	Sr.no.10,14,19	22.5
	< 2 nos. - 0						
	2 nos. - 20						
	Add 2.5 mark extra for each additional project subject to maximum 5 (five) marks.						
iv)	Experience of Handling Arbitration cases in respect of any highway project	5	Sr.no.10,14	5	2 projects Sr. No. 3, 4	Sr.no.15,19	5
	1 project - 4 marks						
	2 or more projects – 5 marks.						
3	Employment with the Firm	5		5	since 2005		5
	< 1 year - 0 marks						
	1 year - 3 marks						
	Add 0.5 marks for each subsequent year subject to maximum 2 marks						
	Total :	100		96	95		93.5
	Max Age =65 Years						
	Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not < 12 months (unless specified)						

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