

# 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 2346 1600, www.nhidcl.com



BHARATMALA  
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A PUBLIC SECTOR UNDERTAKING

सार्वजनिक क्षेत्र का उपक्रम

NHIDCL/J&K/DPR-3/2018/598

23.05.2020

To,

M/s Geo Consult India Pvt. Ltd. -RITES Ltd. (JV) Email : <a href="mailto:acquisition@geoconsult.co.in">acquisition@geoconsult.co.in</a> <a href="mailto:sayed.anjum@geoconsult.co.in">sayeed.anjum@geoconsult.co.in</a>	M/s Tec Cuatro S.A. in JV with ATC and in association with AIA and Devico AS Email: <a href="mailto:ec-4@tec-4.es">ec-4@tec-4.es</a> , <a href="mailto:anandjiwalainfra@gmail.com">anandjiwalainfra@gmail.com</a>
M/s Eptisa India Pvt. Ltd. in association with Eptisa Servicios De Ingenieria S.L. Email: <a href="mailto:vseghal@eptisa.com">vseghal@eptisa.com</a>	M/s SMEC International Pty. Ltd. -SMEC (India) Pvt. Ltd. Email: <a href="mailto:sushil.Kumar@smec.com">sushil.Kumar@smec.com</a>
M/s Subterra Engineering India Pvt. Ltd. in association with Space Engg. Consortium Pvt. Ltd. Email: <a href="mailto:jbundela@subterra-ing.com">jbundela@subterra-ing.com</a>	M/s TPF GETINSA EUROESTUDIOS S.L. Email: <a href="mailto:maria.palacio@tpfingenieria.com">maria.palacio@tpfingenieria.com</a>

**Subject:** Consultancy Services for Preparation of Detailed Project Report and providing Pre-Construction activities for Construction of Highway Tunnel including approaches across Shinkun La, Tanglang La & Lachalung La in the Union Territory of Ladakh - 1<sup>st</sup> & 2<sup>nd</sup> Stage Evaluation Result -reg.


**Ref:** Your Bid dated 18.05.2020.

Sir,

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

Sr. no	Name of the Firm	Technical Score	Status of Eligibility
(i)	M/s Geo Consult India Pvt. Ltd. -RITES Ltd. (JV)	83.73	Eligible
(ii)	M/s Tec Cuatro S.A. in JV with ATC and in association with AIA and Devico AS.	89.90	Eligible
(iii)	M/s Eptisa India Pvt. Ltd. in association with Eptisa Servicios De Ingenieria S.L.	82.93	Eligible
(iv)	M/s SMEC International Pty. Ltd. -SMEC (India) Pvt. Ltd.	80.05	Eligible
(v)	M/s Subterra Engineering India Pvt. Ltd. in association with Space Engg. Consortium Pvt. Ltd.	81.51	Eligible
(vi)	M/s TPF GETINSA EUROESTUDIOS S.L.	85.10	Eligible
(vii)	M/s ERKAAS and Turkish Engineering Consulting & Contracting-TUMAS India Pvt Ltd. (JV) in association with AVOK Engineering Consulting & Contracting Pvt. Ltd.	Non-Responsive	Not eligible

If you have any comments on the enclosed evaluation sheets, you are requested to offer your comments at the earliest and latest by 27.05.2020 upto 1500 hrs. Financial bids will be opened on 29.05.2020 at 1100 hrs.

  
B. Shivprasad  
General Manager (Tech.)

Enclosure: Technical Evaluation

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

**Date:** 22.05.2020 (1500 Hrs)

**Venue:** PTI Building, 3<sup>rd</sup> Floor, Conference Hall, NHIDCL HQ, New Delhi.

**Subject:** Consultancy Services for Preparation of Detailed Project Report and providing Pre-Construction activities for Construction of Highway Tunnel including approaches across Shinkun La, Tanglang La & Lachalung La in the Union Territory of Ladakh - Second Stage Evaluation.

The following seven firms submitted their bids online through INFRACON and CPP Portal for the subject project by due date and time.

Sl. No.	Name of Firm
1.	M/s Geo Consult India Pvt. Ltd. –RITES Ltd. (JV)
2.	M/s Tec Cuatro S.A. in JV with Anandjiwala Technical consultancy and in association with Anandjiwala Infra Advisory and Devico AS.
3.	M/s Eptisa India Pvt. Ltd. in association with Eptisa Servicios De Ingenieria S.L.
4.	M/s SMEC International Pty. Ltd. –SMEC (India) Pvt. Ltd.
5.	M/s Subterra Engineering India Pvt. Ltd. in association with Space Engineering Consortium Pvt. Ltd.
6.	M/s TPF GETINSA EUROESTUDIOS S.L.
7.	M/s ERKAAS and Turkish Engineering Consulting & Contracting-TUMAS India Pvt Ltd. (JV) in association with AVOK Engineering Consulting & Contracting Pvt. Ltd.

2. The Committee met on 21.05.2020 to finalize the 1<sup>st</sup> stage evaluation (MOM attached as **Annexure-I**). The following firms had qualified for Second Stage Evaluation i.e. Technical Evaluation:

Sl. No.	Name of Firm
1.	M/s Geo Consult India Pvt. Ltd. –RITES Ltd. (JV)
2.	M/s Tec Cuatro S.A. in JV with ATC and in association with AIA and Devico AS.
3.	M/s Eptisa India Pvt. Ltd. in association with Eptisa Servicios De Ingenieria S.L.
4.	M/s SMEC International Pty. Ltd. –SMEC (India) Pvt. Ltd.
5.	M/s Subterra Engineering India Pvt. Ltd. in association with Space Engg. Consortium Pvt. Ltd.
6.	M/s TPF GETINSA EUROESTUDIOS S.L.

3. 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:



### 3.1 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 Geo Consult India Pvt. Ltd. –RITES Ltd. (JV)	40	30
2.	M/s Tec Cuatro S.A. in JV with ATC and in association with AIA and Devico AS.		35
3.	M/s Eptisa India Pvt. Ltd. in association with Eptisa Servicios De Ingenieria S.L.		28
4.	M/s SMEC International Pty. Ltd. –SMEC (India) Pvt. Ltd.		26
5.	M/s Subterra Engineering India Pvt. Ltd. in association with Space Engg. Consortium Pvt. Ltd.		29.5
6.	M/s TPF GETINSA EUROESTUDIOS S.L.		30

### 3.2 Material Testing Survey and Investigation Equipment and Software proposed to be used:

The marks obtained by the firms towards Material Testing Survey and Investigation Equipment and Software proposed for assignments are enclosed as **Annexure-III** and marks obtained are given below:

Sr. No.	Name of the firm	Maximum Marks	Marks obtained
1.	M/s Geo Consult India Pvt. Ltd. –RITES Ltd. (JV)	10	9.75
2.	M/s Tec Cuatro S.A. in JV with ATC and in association with AIA and Devico AS.		10
3.	M/s Eptisa India Pvt. Ltd. in association with Eptisa Servicios De Ingenieria S.L.		9.5
4.	M/s SMEC International Pty. Ltd. –SMEC (India) Pvt. Ltd.		9.75
5.	M/s Subterra Engineering India Pvt. Ltd. in association with Space Engg. Consortium Pvt. Ltd.		8.75
6.	M/s TPF GETINSA EUROESTUDIOS S.L.		9.5

### 3.3 Qualifications and relevant experience of the proposed key personnel

The marks obtained by the key personnel of the firms towards Qualifications and Relevant experience of the proposed for assignments are enclosed as **Annexure-IV** and marks obtained are given below:

Position	Total marks	1		2		3	
		M/s Geo Consult India Pvt. Ltd. – RITES Ltd. (JV).		M/s Tec Cuatro S.A. in JV with ATC and in association with AIA and Devico AS		M/s Eptisa India Pvt. Ltd. in association with Eptisa Servicios De Ingenieria S.L.	
		Name	Marks	Name	Marks	Name	Marks
Team Leader cum Sr. Tunnel expert	12	Lalit Kumar	10.92	Francisco Javier Castanedo	11.40	Ram Bachan Shivali	10.32
Tunnel Design Expert	10	Florian Krenn	8.90	Diana Castanedo	7.40	Dr. Jorg Holzhuser	9.30
Sr. Ventilation & Fire Safety Expert	8	Bernhard happerger	6.96	Francisco Antonio AVazques Buceta	7.60	Alexander Rudolf	7.36
Sr. Geotechnical Expert	10	Ravindra Dutta	8.00	Fleix Maria Lasheras Albert	9.00	Sindu Kumar Bagati	9.00
Directional Coring Expert	10	Subrata Kumar	9.20	Chris Wai Kay Tai	9.50	Arindom Ganguly	9.45
Total	50		43.98		44.90		45.43

Position	Total marks	4		5		6	
		M/s SMEC International Pty. Ltd. – SMEC (India) Pvt. Ltd...		M/s Subterra Engineering India Pvt. Ltd. in association with Space Engg. Consortium Pvt. Ltd..		M/s TPF Getinsa Eurostudios S.L.	
		Name	Marks	Name	Marks	Name	Marks
Team Leader cum Sr. Tunnel expert	12	Ulrich Peter Rehm	11.16	Abolghasem Parpinchi	11.16	Yousef Eshaghpour Rahimabadi	11.40
Tunnel Design Expert	10	B R Sharma	8.70	Francisco Jose Gracia Pro	9.00	Hamed Moammeri Otorabad	8.60
Sr. Ventilation & Fire Safety Expert	8	Rovert W Dunlop	7.44	Bhanoo P. Verma	7.60	Sunit Kanti Dhar	7.20
Sr. Geotechnical Expert	10	Aurelio Arespacocha ga Arangena	8.00	Majid Sarraimi	9.00	Joan Santamaria Casanovas	8.90
Directional Coring Expert	10	Eirik Borg	9.00	Sheikh Abdul Ahad	6.50	Christian Alejandro Monardez Arancibia	9.50
Total	50		44.30		43.26		45.60



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

Summary of evaluation of Technical Proposals						Remarks
S. No.		Relevant experience for assignments	Material Testing S&I Equipment and Software	Qualifications & competence of the key personnel	Total marks	
	<b>Maximum Mark</b>	<b>40</b>	<b>10</b>	<b>50</b>	<b>100</b>	
1	M/s Geo Consult India Pvt. Ltd. -RITES Ltd. (JV)	30	9.75	43.98	83.73	Eligible for opening of financial proposal
2	M/s Tec Cuatro S.A. in JV with ATC and in association with AIA and Devico AS.	35	10	44.90	89.90	Eligible for opening of financial proposal
3	M/s Eptisa India Pvt. Ltd. in association with Eptisa Servicios De Ingenieria S.L.	28	9.5	45.43	82.93	Eligible for opening of financial proposal
4	M/s SMEC International Pty. Ltd. -SMEC (India) Pvt. Ltd.	26	9.75	44.30	80.05	Eligible for opening of financial proposal
5	M/s Subterra Engg. India Pvt. Ltd. in ass. with Space Engg. Consortium Pvt. Ltd.	29.5	8.75	43.26	81.51	Eligible for opening of financial proposal
6	M/s TPF GETINSA EUROESTUDIOS S.L.	30	9.5	45.60	85.10	Eligible for opening of financial proposal

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

1. M/s Geo Consult India Pvt. Ltd. -RITES Ltd. (JV)
2. M/s Tec Cuatro S.A. in JV with ATC and in association with AIA and Devico AS.
3. M/s Eptisa India Pvt. Ltd. in association with Eptisa Servicios De Ingenieria S.L.
4. M/s SMEC International Pty. Ltd. -SMEC (India) Pvt. Ltd.
5. M/s Subterra Engineering India Pvt. Ltd. in association with Space Engg. Consortium Pvt. Ltd.
6. M/s TPF GETINSA EUROESTUDIOS S.L.

7. The ETEC, thus, recommended that

- i) The scores of the firms towards second stage evaluation as brought out in the para 5 above the list of the technically qualified bidders be made available on the website giving opportunity to the bidders to respond.
- ii) The Financial Bids may be opened subsequently with the approval of the Competent Authority.

*Finance Division has evaluated only turnover and related items.*

Meeting ended with vote of thanks to the Chair.



Sh. Mahesh Gupta  
DGM (Fin.)  
(Member)



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



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



Sh. Sanjeev Malik  
Executive Director-III  
(Convener)



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

**Date:** 21.05.2020 (1500 Hrs)

**Venue:** PTI Building, 3<sup>rd</sup> Floor, Conference Hall, NHIDCL HQ, New Delhi.

**1<sup>st</sup> Minutes of Meeting of Empowered Technical Bid Evaluation Committee (ETEC) for "Consultancy Services for Preparation of Detailed Project Report and providing Pre-Construction activities for Construction of Highway Tunnel including approaches across Shinkun La, Tanglang La & Lachalung La in the Union Territory of 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 Geo Consult India Pvt. Ltd. -RITES Ltd. (JV)
2.	M/s Tec Cuatro S.A. in JV with Anandjiwala Technical consultancy and in association with Anandjiwala Infra Advisory and Devico AS.
3.	M/s Eptisa India Pvt. Ltd. in association with Eptisa Servicios De Ingenieria S.L.
4.	M/s SMEC International Pty. Ltd. -SMEC (India) Pvt. Ltd.
5.	M/s Subterra Engineering India Pvt. Ltd. in association with Space Engineering Consortium Pvt. Ltd.
6.	M/s TPF GETINSA EUROESTUDIOS S.L.
7.	M/s ERKAAS and Turkish Engineering Consulting & Contracting-TUMAS India Pvt Ltd. (JV) in association with AVOK Engineering Consulting & Contracting Pvt. Ltd.

2. Having opened the Technical bids on 19.05.2020, the Committee (ETEC) met on 21.05.2020 to undertake the 1<sup>st</sup> Stage Evaluation in accordance with the provisions of RFP and noted the following:

- (i) As per para 1.4 of LOI the technical proposal were to be received through Infracon by making it mandatory for firms and personnel to register on the portal.
- (ii) The committee further noted that as per clause 1.4 of LOI, the consultant shall submits proposal either in sole capacity or in JV or in association. Also JV shall not have more than 2 firms.
- (iii) As per clause 2.2 the proposal shall be received through Infracon and the consultant should upload the proposal using the Infracon portal and procedure prescribed in it.
- (iv) It was informed by the technical division that being the consultancy services for preparation of Tunnel DPR the 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 3.1 of Letter of Invitation. The ETEC 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:




Sl. No	Details of documents to be submitted online	Name of Bidders						
		1	2	3	4	5	6	7
		M/s Geo Consult India Pvt. Ltd. – RITES Ltd. (JV)	M/s Tec Cuatro S.A. in JV with Anandjiwala Technical consultancy and in association with Anandjiwala Infra Advisory and Devico AS.	M/s Eptisa India Pvt. Ltd. in association with Eptisa Servicios De Ingenieria S.L.	M/s SMEC International Pty. Ltd. – SMEC (India) Pvt. Ltd.	M/s Subterra Engineering India Pvt. Ltd. in association with Space Engineering Consortium Pvt. Ltd.	M/s TPF GETINSA EUROESTUDIOS S.L.	M/s ERKAAS and Turkish Engineering Consulting & Contracting-TUMAS India Pvt Ltd. (JV) in association with AVOK Engineering Consulting & Contracting Pvt. Ltd.
1.	The proposal is accompanied by Document fee	Yes Received	Yes Received	Yes Received	Yes Received	Yes Received	Yes Received	Yes Received
2.	The Proposal is accompanied by Bid Security of required value	Yes Received	Yes Received	Yes Received	Yes Received	Yes Received	Yes Received	Yes Received
3.	The firms(s) have required experience (Evaluation sheet at Annexure-I)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
4.	The firms(s) have required turnover (Evaluation sheet at Annexure-I)	Yes ✓	Yes	Yes	Yes	Yes	Yes ✓	Yes
5.	The documents are properly signed by the authorized signatories and whether the proposal contains proper POA as mentioned at para 1.8.1 above	Yes (scan copy)	Yes (Scan Copy)	Yes (Scan Copy)	Yes (Scan Copy)	Yes (Scan Copy)	Yes (Scan Copy)	Yes (Scan Copy)
6.	The proposals have been received on or before the dead line of submission.	Yes	Yes	Yes	Yes	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 as detailed at para 1.8.2 above	Yes	Yes	Yes	Yes	Yes	Yes	Yes. However, it has been observed that there are more than two JV partners on INFRACON due to which the applicant has been declared non – responsive.

No UDIN or  
CA certificate  
turnover

No UDIN

Cancelled/Not  
on Jyoti Con. Fi is available



3.2 M/s ERKAAS and Turkish Engineering Consulting & Contracting-TUMAS India Pvt Ltd. (JV) in association with AVOK Engineering Consulting & Contracting Pvt. Ltd.

The proposal was examined and As per clause 1.4 of LOI - *The consultants shall submit proposals either in sole capacity or in JV and/or in Association. Joint Venture shall not have more than two firms. It was observed from the Joint Venture agreement submitted alongwith technical proposal that the bidder has JV of two firms namely M/s Era-as and M/s Turkish Engineering Consulting & Contracting-TUMAS India Pvt Ltd. However, they have made Joint Venture of three firm on INFRACON namely M/s ERKAAS, M/s. TUMAS and M/s Turkish Engineering Consulting & Contracting-TUMAS India Pvt Ltd. in association with AVOK Engineering Consulting & Contracting Pvt. Ltd. which is against the RFP criteria of maximum 2 firms in JV and hence, declared non-responsive.*

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

S. No.	Name of the Applicants	Eligibility
1.	M/s Geo Consult India Pvt. Ltd. -RITES Ltd. (JV)	Responsive
2.	M/s Tec Cuatro S.A. in JV with Anandjiwala Technical consultancy and in association with Anandjiwala Infra Advisory and Devico AS.	Responsive
3.	M/s Eptisa India Pvt. Ltd. in association with Eptisa Servicios De Ingenieria S.L.	Responsive
4.	M/s SMEC International Pty. Ltd. -SMEC (India) Pvt. Ltd.	Responsive
5.	M/s Subterra Engineering India Pvt. Ltd. in association with Space Engineering Consortium Pvt. Ltd.	Responsive
6.	M/s TPF GETINSA EUROESTUDIOS S.L.	Responsive
7.	M/s ERKAAS and Turkish Engineering Consulting & Contracting-TUMAS India Pvt Ltd. (JV) in association with AVOK Engineering Consulting & Contracting Pvt. Ltd.	Non-Responsive

Meeting ended with vote of thanks to the Chair.

  
Sh. Mahesh Gupta  
DGM (Fin.)  
(Member)

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

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

  
Sh. Sanjeev Malik  
Executive Director-III  
(Convener)

## Annexure-I

Summary	
Sr. No.	Name of Bidder
1	M/s Geo Consult India Pvt. Ltd. –RITES Ltd. (JV)
2	M/s Tec Cuatro S.A. in JV with Anandjiwala Technical consultancy and in association with Anandjiwala Infra Advisory and Devico AS.
3	M/s Eptisa India Pvt. Ltd. in association with Eptisa Servicios De Ingenieria S.L.
4	M/s SMEC International Pty. Ltd. –SMEC (India) Pvt. Ltd.
5	M/s Subterra Engineering India Pvt. Ltd. in association with Space Engineering Consortium Pvt. Ltd.
6	M/s TPF GETINSA EUROESTUDIOS S.L.



### M/s Geoconsult-RITES (JV)

S. No.	Minimum experience and performance of Preparation of DPR of Road Tunnels / Highways in the last 10 years (NH/SH/Equivalent) (for past performance attachundertaking for any litigation history/ and arbitration).	Annual Average Turnover	Evaluation Result of Minimum experience and performance of Preparation of DPR of Road Tunnels / Highways in the last 10 years	Evaluation Result of Annual Average Turnover
A	A Firm applying should have Experience of preparation of Detailed Project Report for Road/Rail/Metro tunnels of aggregate length equal to the indicative length of the package.  Firm should have also prepared DPR for atleast one project of Road/ Rail/Metro tunnel of minimum 40% of the indicative length of the package or feasibility study of Road/Rail/Metro tunnels of minimum 60% of the indicative length of the package.	Annual average turnover for last 5 years of the firm should be equal to or more than Rs 5.00 Crore.	<b>40% DPR or 60% Feasibility Study Indicative Length = 10km</b>  <u><b>Geoconsult:</b></u> DPR,Page no. 166, Length of Tunnel = 111.215 km <b>Feasibility Study</b> , Page no. 163, Length of Tunnel = 13.215 km  <u><b>RITES:</b></u> DPR,Page no. 193, Length of Tunnel = 12.6 km	<b>Geoconsult: Rs 16.876 Cr</b> <b>RITES: Rs 1553.40 Cr</b>
B	A Firm applying should have carried out the Directional Coring for Geological/Geotechnical investigation and has prepared record of ground conditions and geological information for a minimum horizontal length of 500M at a depth of 200 M or more from ground surface			
C	The Firm applying should have carried out Airborne Electromagnetic Survey (AEM) (non-intrusive geophysical survey) to the depth of 300 M and have successfully prepared interpretative engineering geological model using the data so obtained for atleast one project of Road/ Rail / Metro tunnel of minimum 25% of the indicative length of the package.			
	<b>Note:</b> The experience of a firm in preparation of DPR for a private concessionaire/contractor shall not be considered.			
	<b>(i)</b> The sole applicant shall fulfil all the requirements given in Table-1A			
	<b>(ii)</b> In case of JV, the Lead Partner should fulfil at least 75% of eligibility requirements under Sr. No. A and the other partner shall fulfil at least 50% of eligibility requirement of turnover under Sr. No. A or 100% of eligibility requirement under Sr. No. B or C. Combinedly the JV must satisfy 100% of eligibility requirements under Sr. No. A.			
	<b>(iii)</b> If the applicant firm has / have prepared the DPR/FS projects solely on its own, 100% weightage shall be given. If the applicant firm has prepared the DPR/FS projects as a lead partner in a JV, 75% weight age shall be given. If the applicant firm have prepared the DPR projects as the other partner (not lead partner) in a JV 50% weightage shall be given. If the applicant firm have prepared the DPR/FS projects as an associate, 25% weightage shall be given. For AEM Survey and Direction coring work should have been carried out either as sole or in JV.			
	<b>(Indicative Length of the Packages 10 km</b>			

**M/s TEC4-ATC (JV)-AIA(association)**

S. No.	Minimum experience and performance of Preparation of DPR of Road Tunnels / Highways in the last 10 years (NH/SH/Equivalent) (for past performance attachundertaking for any litigation history/ and arbitration).	Evaluation Result of Minimum experience and performance of Preparation of DPR of Road Tunnels / Highways in the last 10 years	Annual Average Turnover	Evaluation Result of Annual Average Turnover
A	A Firm applying should have Experience of preparation of Detailed Project Report for Road/Rail/Metro tunnels of aggregate length equal to the indicative length of the package.  Firm should have also prepared DPR for atleast one project of Road/ Rail/Metro tunnel of minimum 40% of the indicative length of the package or feasibility study of Road/Rail/Metro tunnels of minimum 60% of the indicative length of the package.	<b>40% DPR or 60% Feasibility Study Indicative Length = 10km</b>  <u>Tec4:</u> <b>DPR</b> , Sr.no. 6 , Page no. 7, Length of Tunnel = 23.2km <b>DPR</b> , Page no. 6, Length of Tunnel = 5.8 km	Annual average turnover for last 5 years of the firm should be equal to or more than Rs 5.00 Crore.	<b>Tec4: Rs 98.98Cr</b> <b>ATC: Rs 4.52 Cr</b>
B	A Firm applying should have carried out the Directional Coring for Geological/Geotechnical investigation and has prepared record of ground conditions and geological information for a minimum horizontal length of 500M at a depth of 200 M or more from ground surface			
C	The Firm applying should have carried out Airborne Electromagnetic Survey (AEM) (non-intrusive geophysical survey) to the depth of 300 M and have successfully prepared interpretative engineering geological model using the data so obtained for atleast one project of Road/ Rail / Metro tunnel of minimum 25% of the indicative length of the package.			
	<b>Note:</b> The experience of a firm in preparation of DPR for a private concessionaire/contractor shall not be considered.			
	(i) The sole applicant shall fulfil all the requirements given in Table-1A			
	(ii) In case of JV, the Lead Partner should fulfil at least 75% of eligibility requirements under Sr. No. A and the other partner shall fulfil at least 50% of eligibility requirement of turnover under Sr. No. A or 100% of eligibility requirement under Sr. No. B or C. Combinedly the JV must satisfy 100% of eligibility requirements under Sr. No. A.			
	(iii) If the applicant firm has / have prepared the DPR/FS projects solely on its own, 100% weightage shall be given. If the applicant firm has prepared the DPR/FS projects as a lead partner in a JV, 75% weight age shall be given. If the applicant firm have prepared the DPR projects as the other partner (not lead partner) in a JV 50% weightage shall be given. If the applicant firm have prepared the DPR/FS projects as an associate, 25% weightage shall be given. For AEM Survey and Direction coring work should have been carried out either as sole or in JV.			
	<b>(Indicative Length of the Packages 10 km</b>			



**M/s Eptisa India Pvt. Ltd. in association with Eptisa Servicios de Ingenieria**

S. No.	Minimum experience and performance of Preparation of DPR of Road Tunnels / Highways in the last 10 years (NH/SH/Equivalent) (for past performance attachundertaking for any litigation history/ and arbitration).	Annual Average Turnover	Evaluation Result OF Minimum experience and performance of Preparation of DPR of Road Tunnels / Highways in the last 10 years	Evaluation Result of Annual Average Turnover
A	A Firm applying should have Experience of preparation of Detailed Project Report for Road/Rail/Metro tunnels of aggregate length equal to the indicative length of the package.  Firm should have also prepared DPR for atleast one project of Road/ Rail/Metro tunnel of minimum 40% of the indicative length of the package or feasibility study of Road/Rail/Metro tunnels of minimum 60% of the indicative length of the package.	Annual average turnover for last 5 years of the firm should be equal to or more than Rs 5.00 Crore.	<b>40% DPR or 60% Feasibility Study Indicative Length = 10km</b>  <u>Eptisa:</u> DPR, Sr.no.78, Page no. 23, Length of Tunnel = 10.55 km DPR, Sr.no.51, Page no. 18, Length of Tunnel = 4.72km	Rs 823.17 Cr.
B	A Firm applying should have carried out the Directional Coring for Geological/Geotechnical investigation and has prepared record of ground conditions and geological information for a minimum horizontal length of 500M at a depth of 200 M or more from ground surface			
C	The Firm applying should have carried out Airborne Electromagnetic Survey (AEM) (non-intrusive geophysical survey) to the depth of 300 M and have successfully prepared interpretative engineering geological model using the data so obtained for atleast one project of Road/ Rail / Metro tunnel of minimum 25% of the indicative length of the package.			
	<b>Note:</b> The experience of a firm in preparation of DPR for a private concessionaire/contractor shall not be considered.			
	(i) The sole applicant shall fulfil all the requirements given in Table-IA			
	(ii) In case of JV, the Lead Partner should fulfil at least 75% of eligibility requirements under Sr. No. A and the other partner shall fulfil at least 50% of eligibility requirement of turnover under Sr. No. A or 100% of eligibility requirement under Sr. No. B or C. Combinedly the JV must satisfy 100% of eligibility requirements under Sr. No. A.			
	(iii) If the applicant firm has / have prepared the DPR/FS projects solely on its own, 100% weightage shall be given. If the applicant firm has prepared the DPR/FS projects as a lead partner in a JV, 75% weight age shall be given. If the applicant firm have prepared the DPR projects as the other partner (not lead partner) in a JV 50% weightage shall be given. If the applicant firm have prepared the DPR/FS projects as an associate, 25% weightage shall be given. For AEM Survey and Direction coring work should have been carried out either as sole or in JV.			
	<b>(Indicative Length of the Packages 10 km</b>			

**M/s SMEC International-SMEC India (JV)**

S. No.	Minimum experience and performance of Preparation of DPR of Road Tunnels / Highways in the last 10 years (NH/SH/Equivalent) (for past performance attach undertaking for any litigation history/ and arbitration).	Annual Average Turnover	Evaluation Result of Minimum experience and performance of Preparation of DPR of Road Tunnels / Highways in the last 10 years	Evaluation Result of Annual Average Turnover
A	A Firm applying should have Experience of preparation of Detailed Project Report for Road Rail/Metro tunnels of aggregate length equal to the indicative length of the package.  Firm should have also prepared DPR for atleast one project of Road/ Rail/Metro tunnel of minimum 40% of the indicative length of the package or feasibility study of Road/Rail/Metro tunnels of minimum 60% of the indicative length of the package.	Annual average turnover for last 5 years of the firm should be equal to or more than Rs 5.00 Crore.	40% DPR or 60% Feasibility Study Indicative Length = 10km  <u>SMEC International:</u> DPR, Sr.no.70, Page no. 23, Length of Tunnel = 9 km	SMEC :1606.45 Cr.
B	A Firm applying should have carried out the Directional Coring for Geological/Geotechnical investigation and has prepared record of ground conditions and geological information for a minimum horizontal length of 500M at a depth of 200 M or more from ground surface			
C	The Firm applying should have carried out Airborne Electromagnetic Survey (AEM) (non-intrusive geophysical survey) to the depth of 300 M and have successfully prepared interpretative engineering geological model using the data so obtained for atleast one project of Road/ Rail / Metro tunnel of minimum 25% of the indicative length of the package			
	<b>Note:</b> The experience of a firm in preparation of DPR for a private concessionaire/contractor shall not be considered			
	(i) The sole applicant shall fulfil all the requirements given in Table-1A			
	(ii) In case of JV, the Lead Partner should fulfil at least 75% of eligibility requirements under Sr. No. A and the other partner shall fulfil at least 50% of eligibility requirement of turnover under Sr. No. A or 100% of eligibility requirement under Sr. No. B or C. Combinedly the JV must satisfy 100% of eligibility requirements			
	(iii) If the applicant firm has / have prepared the DPR/FS projects solely on its own, 100% weightage shall be given. If the applicant firm has prepared the DPR/FS projects as a lead partner in a JV, 75% weight age shall be given. If the applicant firm have prepared the DPR projects as the other partner (not lead partner) in a JV 50% weightage shall be given. If the applicant firm have prepared the DPR/FS projects as an associate, 25% weightage shall be given. For AEM Survey and Direction coring work should have been carried out either as sole			
	<b>(Indicative Length of the Packages 10 km</b>			

M/s Subterra in association with Space Engineer				
S. No.	Minimum experience and performance of Preparation of DPR of Road Tunnels / Highways in the last 10 years (NH/SH/Equivalent) (for past performance attachundertaking for any litigation history/ and arbitration).	Evaluation Result of Minimum experience and performance of Preparation of DPR of Road Tunnels / Highways in the last 10 years	Annual AverageTurnover	Evaluation Result of Annual AverageTurnover
A	<p>A Firm applying should have Experience of preparation of Detailed Project Report for Road/Rail/Metro tunnels of aggregate length equal to the indicative length of the package.</p> <p>Firm should have also prepared DPR for atleast one project of Road/ Rail/Metro tunnel of minimum 40% of the indicative length of the package or feasibility study of Road/Rail/Metro tunnels of minimum 60% of the indicative length of the package.</p>	<p>40% DPR or 60% Feasibility Study Indicative Length = 10km</p> <p><u>Subterra</u> DPR, Sr.no.13 of Infracon portal , Length of Tunnel = 22 km</p>	Annual average turnover for last 5 years of the firm should be equal to or more than Rs 5.00 Crore.	Rs 29.578 Cr
B	A Firm applying should have carried out the Directional Coring for Geological/Geotechnical investigation and has prepared record of ground conditions and geological information for a minimum horizontal length of 500M at a depth of 200 M or more from ground surface			
C	The Firm applying should have carried out Airborne Electromagnetic Survey (AEM) (non-intrusive geophysical survey) to the depth of 300 M and have successfully prepared interpretative engineering geological model using the data so obtained for atleast one project of Road/ Rail / Metro tunnel of minimum 25% of the indicative length of the package.			
	<b>Note:</b> The experience of a firm in preparation of DPR for a private concessionaire/contractor shall not be considered.			
	(i) The sole applicant shall fulfil all the requirements given in Table-1A			
	(ii) In case of JV, the Lead Partner should fulfil at least 75% of eligibility requirements under Sr. No. A and the other partner shall fulfil at least 50% of eligibility requirement of turnover under Sr. No. A or 100% of eligibility requirement under Sr. No. B or C. Combinedly the JV must satisfy 100% of eligibility requirements under Sr. No. A.			
	(iii) If the applicant firm has / have prepared the DPR/FS projects solely on its own, 100% weightage shall be given. If the applicant firm has prepared the DPR/FS projects as a lead partner in a JV, 75% weight age shall be given. If the applicant firm have prepared the DPR projects as the other partner (not lead partner) in a JV 50% weightage shall be given. If the applicant firm have prepared the DPR/FS projects as an associate, 25% weightage shall be given. For AEM Survey and Direction coring work should have been carried out either as sole or in JV.			
	(Indicative Length of the Packages 10 km			



**M/s TPF Getinsa Euroestudios S.L.**

S. No.	Minimum experience and performance of Preparation of DPR of Road Tunnels / Highways in the last 10 years (NH/SH/Equivalent) (for past performance attachundertaking for any litigation history/ and arbitration).	Evaluation Result of Minimum experience and performance of Preparation of DPR of Road Tunnels / Highways in the last 10 years	Annual AverageTurnover	Evaluation Result of Annual AverageTurnover
A	A Firm applying should have Experience of preparation of Detailed Project Report for Road/Rail/Metro tunnels of aggregate length equal to the indicative length of the package.  Firm should have also prepared DPR for atleast one project of Road/ Rail/Metro tunnel of minimum 40% of the indicative length of the package or feasibility study of Road/Rail/Metro tunnels of minimum 60% of the indicative length of the package.	<b>40% DPR or 60% Feasibility Study Indicative Length = 10km</b>  <u>Eptisa:</u> <b>DPR</b> , Sr.no.75 of Infracon portal, Aggregate Length of Tunnel is more than 10 km <b>DPR</b> , Sr.no.132 of Infracon portal, Length of Tunnel = 4.5km	Annual average turnover for last 5 years of the firm should be equal to or more than Rs 5.00 Crore.	Rs 280.94 CR
B	A Firm applying should have carried out the Directional Coring for Geological/Geotechnical investigation and has prepared record of ground conditions and geological information for a minimum horizontal length of 500M at a depth of 200 M or more from ground surface			
C	The Firm applying should have carried out Airborne Electromagnetic Survey (AEM) (non-intrusive geophysical survey) to the depth of 300 M and have successfully prepared interpretative engineering geological model using the data so obtained for atleast one project of Road/ Rail / Metro tunnel of minimum 25% of the indicative length of the package.			
	<b>Note:</b> The experience of a firm in preparation of DPR for a private concessionaire/contractor shall not be considered.			
	(i) The sole applicant shall fulfil all the requirements given in Table-1A			
	(ii) In case of JV, the Lead Partner should fulfil at least 75% of eligibility requirements under Sr. No. A and the other partner shall fulfil at least 50% of eligibility requirement of turnover under Sr. No. A or 100% of eligibility requirement under Sr. No. B or C. Combinedly the JV must satisfy 100% of eligibility requirements under Sr. No. A.			
	(iii) If the applicant firm has / have prepared the DPR/FS projects solely on its own, 100% weightage shall be given. If the applicant firm has prepared the DPR/FS projects as a lead partner in a JV, 75% weight age shall be given. If the applicant firm have prepared the DPR projects as the other partner (not lead partner) in a JV 50% weightage shall be given. If the applicant firm have prepared the DPR/FS projects as an associate, 25% weightage shall be given. For AEM Survey and Direction coring work should have been carried out either as sole or in JV.			
	<b>(Indicative Length of the Packages 10 km</b>			

Project Name : Consultancy Services for Preparation of Detailed Project Report and providing Pre-Construction activities for Construction of Highway Tunnel including approaches across Shinkun La, Tanglang La &amp; Lachalung La in the Union Territory of Ladakh

Evaluation for assesment of experience of the firms (Relevant experience of firm for assignment)

S. No.	Description	Maximum marks	GeoConsult India Pvt. Ltd. In JV with RITES Ltd.	Tec Cuatro S.A. in JV with ATC and in Association with AIA & Devico AS	Eptisa India Pvt Ltd in Association with Eptisa Servicios De Ingenieria S.L.	SMEC International Pty. Ltd. in JV with SMEC (India) Pvt. Ltd.	Subterra Engineering India Pvt Ltd. in Association with Space Engineers Consortium Pvt Ltd.	TPF Getinsa Eurostudios S.L.					
			Details	Marks	Details	Marks	Details	Marks	Details	Marks	Details	Marks	
1.1	Aggregate length of DPR/Feasibility study of Road/Rail/Metro Tunnel projects	8	Project serial nos. as on INFRACON SI No. 6 : (0.75*10200 m) = 7650 m DPR SI no. 8 : (1*8450 m) = 8450 m DPR SI no. 10 : (1*13210 m) = 13210 m DPR (29310 m)	8	Project serial nos. as on INFRACON SI No. 2 : (1*5930 m) = 5930 m DPR SI no. 3 : (1*3296 m) = 3296 m DPR SI no. 4 : (1*425 m) = 425 m DPR SI no. 5 : (1*5680 m) = 5680 m DPR SI no. 6 : (1*23000 m) = 23000 m FS SI no. 7 : (1*988 m) = 988 m DPR (39319 m)	8	Project serial nos. as on INFRACON SI No. 30 : ( 1*7310 m) = 7310 m DPR SI no. 44 : ( 1*630 m) = 630 m DPR SI no. 51 : (1*6656 m) = 6656 m DPR SI no. 54 : (0.75*3500 m) = 2625 m DPR SI no. 61 : (1*6150 m) = 6150 m DPR SI no. 72 : (0.75*10000 m) = 7500 m FS SI no. 78 : (1*2500 m) = 2500 m FS (33371m)	8	Project serial nos. as on INFRACON SI No. 49 : (0.75*1000 m) = 750 m FS SI no. 57 : (0.75*2100 m) = 1574 m DPR SI no. 65 : (1*8500 m) = 8500 m FS SI no. 70 : (0.75*9000 m) = 6750 m DPR SI no. 79 : (1*6500 m) = 6500 m FS (24074m)	8	Project serial nos. as on INFRACON SI No. 3 : (1*5250 m) = 5250 m DPR SI no. 6 : (1*15292 m) = 15292 m DPR SI no. 7 : (1*3000 m) = 3000 m DPR SI no. 11 : (1*5650 m) = 56500 m FS SI no. 13 : (0.75*22000 m) = 16500 m DPR SI no. 14 : (1*1916 m) = 1916 m DPR (47608 m)	8	Project serial nos. as on INFRACON SI No. 36 : (0.75*3897 m) = 2923 m DPR SI no. 52 : (1*2180 m) = 2180 m DPR SI no. 107 : (1*12600 m) = 12600 m DPR SI no. 132 : (1*8000 m) = 8000 m DPR SI no. 132 : (1*10000 m) = 10000 m DPR (35703 m)
1.1.1	More than the indicative length - 6 Marks												
1.1.2	More than 1.5 times the indicative length - 7 Marks												
1.1.3	More than 2 times the indicative length - 8 Marks												
1.2	DPR of Road/Rail/Metro Tunnel projects each equal to or more than 40% of indicative tunnel length (or Feasibility Study for Road/Rail/Metro tunnel project each equal to or more than 60% of indicative tunnel length)	7	Project serial nos. as on INFRACON SI No. 6 : (0.75*10200 m) = 7650 m DPR SI no. 8 : (1*8450 m) = 8450 m DPR SI no. 10 : (1*13210 m) = 13210 m DPR (3 Projects)	7	Project serial nos. as on INFRACON SI No. 2 : (1*5930 m) = 5930 m DPR SI no. 5 : (1*5680 m) = 5680 m DPR SI no. 6 : (1*23000 m) = 23000 m FS (3 Projects)	6	Project serial nos. as on INFRACON SI No. 30 : ( 1*7310 m) = 7310 m DPR SI no. 51 : (1*6656 m) = 6656 m DPR SI no. 61 : (1*6150 m) = 6150 m DPR SI no. 72 : (0.75*10000 m) = 7500 m FS (4 Projects)	7	Project serial nos. as on INFRACON SI no. 65 : (1*8500 m) = 8500 m SI no. 70 : (0.75*9000 m) = 6750 m SI no. 79 : (1*6500 m) = 6500 m (3 Projects)	7	Project serial nos. as on INFRACON SI No. 3 : (1*5250 m) = 5250 m DPR SI no. 6 : (1*15292 m) = 15292 m DPR SI no. 11 : (1*5650 m) = 56500 m FS SI no. 13 : (0.75*22000 m) = 16500 m DPR (4 Projects m)	7	Project serial nos. as on INFRACON SI no. 107 : (1*12600 m) = 12600 m DPR SI no. 132 : (1*8000 m) = 8000 m DPR SI no. 132 : (1*10000 m) = 10000 m DPR (3 Projects)
1.2.1	1 Projects - 5 Marks												
1.2.2	2 projects - 6 marks												
1.2.3	3 or more projects - 7 marks												
2	Specific experience of firms in terms of turnover	5	Rs 16.876 Crore - Geo Consult Rs 1553.40 Crore - RITES	5	Rs 98.98 Crore	5	Rs 823.17 Crore	5	Rs 1606.45 Crore	5	Rs 29.578 Crore	4.5	Rs 280.54 Crore
2.1	Firm Average Turnover of last 5 years >= 50 crore - 5												
2.2	Firm Av. Turnover of last 5 years >= 20 crore but < 50 crore - 4.5												
2.3	Firm's Average Turnover of last 5 years < 20 crore - 4 Marks												
3	DPR for Road/Rail/Metro Tunnel projects in Hills or at an elevation of more than 1000 m	10	Project serial nos. as on INFRACON SI No. 6 : (0.75*10200 m) = 7650 m DPR SI no. 8 : (1*8450 m) = 8450 m DPR SI no. 10 : (1*13210 m) = 13210 m DPR (3 Projects)	10	Project serial nos. as on INFRACON SI No. 2 : (1*5930 m) = 5930 m DPR SI no. 3 : (1*3296 m) = 3296 m DPR SI no. 7 : (1*988 m) = 988 m DPR (2 Projects)	8	Project serial nos. as on INFRACON SI No. 30 : ( 1*7310 m) = 7310 m DPR SI no. 44 : ( 1*630 m) = 630 m DPR (2 Projects)	8	Project serial nos. as on INFRACON SI no. 70 : (0.75*9000 m) = 6750 m DPR (1 Project)	6	Project serial nos. as on INFRACON SI No. 3 : (1*5250 m) = 5250 m DPR SI No. 6 : (1*7792 m) = 7792 m DPR SI No. 7 : (1*3000 m) = 3000 m DPR (3 Project)	10	Project serial nos. as on INFRACON SI no. 107 : (1*12600 m) = 12600 m DPR SI no. 132 : (1*8000 m) = 8000 m DPR SI no. 132 : (1*10000 m) = 10000 m DPR (3 Projects)
3.1	1 Projects - 6 Marks												
3.2	2 projects - 8 marks												
3	3 or more projects - 10 marks												
3	Carried out Airborne Electromagnetic Survey (AEM) (non-intrusive geophysical survey) to the depth of 300 M and have successfully prepared interpretative engineering geological model using the data so obtained OR Directional Coring for investigating preparing record of ground conditions and geological information for a minimum horizontal length of 500M at a depth of 200M of more from ground surface	10	0	0	Devico's Project Sr. No. as on INFRACON SI No. 1 : L= 960 m, D= 390m SI No. 2 : L= 1650 m, D= 360m (2 Projects)	8	0	0	0	0	0	0	0
4.1	1 Tunnel / project - 6 Marks												
4.2	2 Tunnels / projects - 8 Marks												
4.3	3 Tunnels / projects or more - 10 Marks												
	Total	40		30		35		28		26		29.5	30

\* Based on consolidated FS as provided alone F/S not available on Hyderabad or otherwise submit And.



Project Name : Consultancy Services for Preparation of Detailed Project Report and providing Pre-Construction activities for Construction of Highway Tunnel including approaches across Shinkun La, Tanglang La & Lachalung La in the Union Territory of Ladakh

Evaluation for assesment of Material Testing Survey and Investigation Equipment and Software

Evaluation for assesment of Material Testing Survey and Investigation Equipment and Software															
S. No.	Description	Maximum marks	Sub- Points	GeoConsult India Pvt. Ltd. In JV with RITES Ltd.		Tec Cuatro S.A. in JV with ATC and in Association with AIA & Devico AS		Eptisa India Pvt Ltd in Association with Eptisa Servicios De Ingenieria S.L.		SMEC International Pty. Ltd. in JV with SMEC (India) Pvt. Ltd.		Subterra Engineering India Pvt Ltd. in Association with Space Engineers Consortium Pvt Ltd.		TPF Getinsa Eurostudios S.L.	
				Details	Marks	Details	Marks	Details	Marks	Details	Marks	Details	Marks	Details	Marks
1	Availability of in-house material testing facility	4		Available	4	Available	4	Available	4	Available	4	Outsourced	3.25	Available	4
1.1	Available		4												
1.2	Outsourced or through associate		3.25												
2	Field Investigation Facilities	2		Available	1	Available	1	Outsourced	0.75	Outsourced	0.75	Outsourced	0.75	Outsourced	0.75
2.1	(a) Geo Technical Investigation	1													
	Available		1												
	Outsourced or through associate		0.75	Outsourced	0.75	Available	1	Outsourced	0.75	Available	1	Outsourced	0.75	Outsourced	0.75
2.2	(b) Pavement Investigation	1													
	Available		1												
	Outsourced		0.75												
3	Availability of Office Equipment and Software for Tunnel Projects with persons/resources having operational skills of the equipment	4		Available	4	Available	4	Available	4	Available	4	Available	4	Available	4
3.1	Available		4												
3.2	Outsourced or through associate		3.25												
	Total	10			9.75		10		9.5		9.75		8.75		9.5




## Evaluation of Technical Proposal - Summary of Key Personnel

Project Name : Consultancy Services for Preparation of Detailed Project Report and providing Pre-Construction activities for Construction of Highway Tunnel including approaches across Shinkun La, Tanglang La &amp; Lachalung La in the Union Territory of Ladakh

S. No.	Position	Total marks	1		2		3		4		5		6	
			GeoConsult India Pvt. Ltd. In JV with RITES Ltd.		Tec Cuatro S.A. in JV with ATC and in Association with AIA & Devico AS		Eptisa India Pvt Ltd in Association with Eptisa Servicios De Ingenieria S.L.		SMEC International Pty. Ltd. in JV with SMEC (India) Pvt. Ltd.		Subterra Engineering India Pvt Ltd. in Association with Space Engineers Consortium Pvt Ltd.		TPF Getinsa Eurostudios S.L.	
			Name	Marks	Name	Marks	Name	Marks	Name	Marks	Name	Marks	Name	Marks
1	Team Leader cum Senior Tunnel Expert	12	Lalit Kumar	10.92	Francisco Javier Castanedo	11.40	Ram Bachan Shivali	10.32	Ulrich Peter Rehm	11.16	Abolghasem Parpinchi	11.16	usef Eshaghpour Rahimah	11.4
2	Tunnel Design Expert	10	Florian Krenn	8.9	Diana Castanedo	7.40	Dr. Jorg Holzhuser	9.30	B R Sharma	8.7	Francisco Jose Gracia Pro	9	amed Moammeri Otoraba	8.6
3	Sr. Ventilation & Fire Safety Expert	8	Bernhard happerger	6.96	Francisco Antonio AVazques Buceta	7.60	Alexander Rudolf	7.36	Rovert W Dunlop	7.44	Bhanoo P. Verma	7.6	Sunit Kanti Dhar	7.2
4	Senior Geotechnical Expert	10	Ravindra Dutta	8	Fleix Maria Lasheras Albert	9.00	Sindu Kumar Bagati	9.00	Aurelio Arespacochaga Arangena	8	Majid Sarrami	9	oan Santamaria Casanova	8.9
5	Directional Coring Expert	10	Subrata Kumar	9.2	Chris Wai Kay Tai	9.50	Arindom Ganguly	9.45	Eirik Borg	9	Sheikh Abdul Ahad	6.5	on Alejandro Monardez A	9.5
	Total	50		43.98		44.90		45.43		44.3		43.26		45.6








**Team Leader cum Senior Tunnel Expert**

Sr. No.	Name of the Bidder →		GeoConsult India Pvt. Ltd. In JV with RITES Ltd.			Tec Cuatro S.A. in JV with ATC and in Association with AIA & Devico AS			Eptisa India Pvt Ltd in Association with Eptisa Servicios De Ingenieria S.L.			SMEC International Pty. Ltd. in JV with SMEC (India) Pvt. Ltd.			Subterra Engineering India Pvt Ltd. in Association with Space Engineers Consortium Pvt Ltd.			TPF Getinsa Eurostudios S.L.		
	Name of the KEY PERSONAL →		Lalit Kumar			Francisco Javier Castanedo			Ram Bachan Shivali			Ulrich Peter Rehm			Abolghasem Parpinchi			Yousef Eshaghpour Rahimabadi		
	Description	Max. Points	Max. Points obtained	Max. Points Claimed	Reference	Max. Points obtained	Max. Points Claimed	Reference	Max. Points obtained	Max. Points Claimed	Reference	Max. Points obtained	Max. Points Claimed	Reference	Max. Points obtained	Max. Points Claimed	Reference	Max. Points obtained	Max. Points Claimed	Reference
I	<b>General Qualification</b>	25	20	20		25	25		20	25		25	0		25	25		25	25	
i)	Degree in Civil Engineering/Tunnel Engineering / Mining Engineering	20	20	20		20	20		20	20		20			20	20		20	20	
ii)	Post Graduation in Civil Engineering /Tunnel Engineering/Mining Engineering	5	0	0		5	5		0	5		5			5	5		5	5	
II	<b>Relevant Experience &amp; Adequacy for the Project</b>	70	66	67		70	70		66	70		68	0		68	69		70	70	
(a)	<b>Total Professional Experience</b>	10																		
	<20 years	0																		
	20-25 years	8	9	9	27 years, 10 months	10	10	>44 years	10	10	>32 yrs	8		21 years, 9 months	9	9	>27 yrs	10	10	>29 yrs
	>25-28 years	9																		
	>28 years	10																		
(b)	<b>Experience in Tunnel Projects</b>	40	39	39		40	40		36	40		40	0		40	40		40	40	
	<b>(i) Professional experience in handling major tunnel projects (Road/Rail/Metro)</b>	8																		
	<12 years	0	8	8	>15 years,	8	8	>44 years	6	8	13 years, 10 months	8		21 years, 9 months	8	8	27 years	8	8	> 15 years
	>=12 – 14 years	6																		
	>14 – 15 years	7																		
	>15years	8																		
	<b>(ii) Experience in major* tunnel construction/construction supervision projects (Road/Rail/Metro)</b>	8																		
	<10 years	0	8	8	>15 years	8	8	>12 years	7	8	10 yrs, 1 month	8		>12 years	8	8	>15 yrs	8	8	>12 yrs
	>=10 – 12 years	7																		
	>12 years	8																		
	<b>(iii) Experience in preparation of DPR or Feasibility report of major tunnel projects (Road/Rail/Metro)</b>	8	7	7	>12 years	8	8	>44 years	7	8	10 yrs, 1 month	8		>12 years	8	8	>12 yrs	8	8	>12 yrs
	<10 years	0																		
	>=10 – 12 years	7																		
	>12 years	8																		
	<b>(iv) Experience in DPR preparation of minimum 5 km Tunnel length</b>	8																		
	< 3 projects	0	8	8	Sr.no. 7 (12km), 8 (33km), 10	8	8	S.NO. 2, S.No 3, S.No. 6, S.No. 7, S.No. 8, 9, 13, 14, 15, 18, 20, 21, 23	8	8	Sr.no. 14 (6.5km), 32 (8.07km), 33 (10km)	8		Sr.no. 26 (6.5km), 44 (20km), 51 (20km)	8	8	Sr.no. 1 (14km), 7(9km),9 (15.6km)	8	8	Sr.no. 4 (9.34km), 8(6.37km), 12 (7.35km)
	3 or more projects	8																		
	<b>(v) Experience in construction / construction supervision/ preparation of DPR/feasibility report of major tunnel projects (Road/Rail/metro) using NATM</b>	8	8	8	>12 years	8	8	>12 years	8	8	>12 years	8		>12 years	8	8	>12 years	8	8	>12 years
	<10 years	0																		
	>=10 – 12 years	7																		
	>12 years	8																		

*Signature*

*Signature*

*Signature*

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c)	Experience in Similar Capacity	20	18	19		20	20		20	20		20	0		19	20		20	20	
	(i) Experience as Team Leader or similar capacity in major tunnel construction/construction supervision projects (Road/Rail/Metro)	10						S.No. 1 to S.No. 6, S.No. 7, S.No. 8, S.No. 10 to S.No. 13, S.No. 17 to S.No. 25												
	=2 projects	8	8	9	Sr.no. 9,13	10	10		10	10	Sr.no. 15,16,22,29, 47	10		Sr.no. 11,12,15,19, 20,24	9	10	Sr.no. 5,6,7,9	10	10	Sr.no.11,13, 15,17,19
	= 3 to 5 projects	9																		
	> 5 or more	10																		
	(ii) Experience as Team Leader or similar capacity in preparation of DPR or Feasibility report of major tunnel projects (Road/Rail/Metro)	10						S.No. 1 to S.No. 25												
	=2 projects	8	10	10	Sr.no.7,8,10,15, 16,17	10	10		10	10	Sr.no. 14,23,28,29, 30	10		Sr.no. 13,16,27,32,4 8,54	10	10	Sr.no. 3,4,8,10,11	10	10	Sr.no. 10,12,14,16, 18
	= 3 to 5 projects	9																		
	> 5 or more	10																		
III	Employment with Firm	5	5	5		0	0		0	0		0	0		0	0		0	0	
	Less than 1 Year	0																		
	1-2 years	3																		
	Add 0.5 marks for each subsequent year subject to maximum of 2 marks	5	5	5		0	0		0	0		0			0	0		0	0	
	Total	100	91	92		95	95		86	95		93	0		93	94		95	95	
		12	10.92			11.4			10.32			11.16			11.16			11.4		
	Age on bid due date: Not more than 70 years.				DOB- 25/5/1952 (67 years)			DOB- 8/5/1979 (41 years)			DOB- 04/08/1961 (58 years)			DOB- 20/12/1964 (55 years)			DOB- 21/03/1963 (57 years)			DOB- 04/08/1959 (60 years)

\* Major Tunnel Project = having length more than 1.5 km.  
Similar Capacity for Team Leader cum Senior Tunnel Expert  
i) On behalf of the Consultant/Contractor:  
ii) In Government Organizations:

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Tunnel Design Expert																					
Sr. No.	Name of the Bidder →		GeoConsult India Pvt. Ltd. In JV with RITES Ltd.			Tec Cuatro S.A. in JV with ATC and in Association with AIA & Devico AS			Eptisa India Pvt Ltd in Association with Eptisa Servicios De Ingenieria S.L.			SMEC International Pty. Ltd. in JV with SMEC (India) Pvt. Ltd.			Subterra Engineering India Pvt Ltd. in Association with Space Engineers Consortium Pvt Ltd.			TPF Getinsa Eurostudios S.L.			
	Name of the KEY PERSONAL →		Florian Krenn			Diana Castanedo			Dr. Jorg Holzhuser			B R Sharma			Francisco Jose Gracia Pro			Hamed Moammeri Otorabad			
	Description	Max. Points	Max. Points obtained	Max. Points Claimed	Reference	Max. Points obtained	Max. Points Claimed	Reference	Max. Points obtained	Max. Points Claimed	Reference	Max. Points obtained	Max. Points Claimed	Reference	Max. Points obtained	Max. Points Claimed	Reference	Max. Points obtained	Max. Points Claimed	Reference	
I	General Qualification	25	25	25		20	25		25	25		20	0		20	20		25	25		
i)	Degree in Civil/ Mining Engineering	20	20	20		20	20		20	20		20			20	20		20	20		
ii)	Post Graduation in Design/Structural Engineering or equivalent	5	5	5		0	5		5	5		0			0	0		5	5		
II	Relevant Experience & Adequacy for the Project	70	59	55		54	70		68	68		67	0		70	70		61	61		
(a)	Total Professional Experience	10	8	8	16 years, 8 months	0	10	14 yrs	10	10	>28 years	10		>40 years	10	10	25 years	9	9	21 years	
	<15 years	0																			
	15-20 years	8																			
	>20 -25years	9																			
	>25years	10																			
(b)	Experience in Tunnel Projects	30	26	20		24	30		28	28		30	0		30	30		24	24		
	(i) Professional experience in handling major tunnel projects (Road/Rail/Metro)	10	10	10	16 years, 8 months	8	10	14 yrs	10	10	27 years	10		>14 years	10	10	18 years	10	10	>14 years	
	<10 years	0																			
	>=10-12 years	6																			
	>12 -14 years	8																			
	>14 years	10																			
	(ii) Experience in major* tunnel construction/construction supervision projects (Road/Rail/Metro)	10	10	10	15 years,11 months	8	10	14 yrs	10	10	>14 yrs	10		>14 years	10	10	>14 yrs	8	8	13 yrs	
	<10 years	0																			
	>=10-12 years	6																			
	>12 -14 years	8																			
	>14 years	10																			
	(iii)Experience in preparation of DPR or Feasibility report of major tunnel projects (Road/Rail/Metro)	10	6	0	>14 yrs	8	10	14 yrs	8	8	13 yrs, 4 months	10		>14 years	10	10	>14 yrs	6	6	11 yrs	
	<10 years	0																			
	>=10-12 years	6																			
	>12 -14 years	8																			
	>14 years	10																			
c)	Experience in Similar Capacity	30	25	27		30	30		30	30		27	0		30	30		28	28		
	(i) Professional Experience as Tunnel Design Engineer (Structural)	8	7	8	>10 years	8	8	>12 yrs	8	8	>12years	7		11 years	8	8	>12years	8	8	>12years	
	<8 years	0																			
	>=8-10 years	6																			
	>10 – 12 years	7																			
	>12 years	8																			
	(ii) Experience as Tunnel Design Engineer (Structural) of major tunnel construction/construction supervision projects (Road/Rail/Metro)	8	7	8	>10 years	8	8	>12 yrs	8	8	> 14 yrs	7		11years	8	8	> 12 yrs	8	8	> 12 yrs	
	<8 years	0																			
	>=8 – 10 years	6																			
	>10-12 years	7																			
	>12 years	8																			

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	(iii) Experience as Tunnel Design Engineer (Structural) of major tunnel for preparation of DPR projects (Road/Rail/Metro)		7	5	5		7	7	>12 yrs	7	7	13 yrs, 4 months	7		>13 yrs	7	7	>12 yrs	6	6	11 yrs
	<8 years	0																			
	>=8 – 10 years	5																			
	>10-12 years	6																			
	>12 years	7																			
	(iv)Experience as Tunnel Design Engineer (Structural) in preparation of DPR/ Feasibility report of major tunnel projects (Road/Rail/Metro) using NATM		7	6	6	Sr.no 12,14,15	7	7	S.No. 3, 6, 10, 11, 12, 13, 15, 17	7	7	Sr.no 4,5,8,10,11	6		Sr.no 26,30,31,40	7	7	Sr.no 2,5,11,17,18 ,19	6	6	Sr.no 5,12,13,14
	< 3 projects	0																			
	>=3-5 projects	6																			
	5 or more projects	7																			
III	Employment with Firm		5	5	5		0	0		0	0		0	0		0	0		0	0	
	Less than 1 Year	0																			
	1-2 years	3																			
	Add 0.5 marks for each subsequent year subject to maximum of 2 marks	5		5	5		0	0		0	0		0			0	0		0	0	
	Total		100	89	85		74	95		93	93		87	0		90	90		86	86	
			10	8.9			7.4			9.3			8.7	0		9			8.6		
Age on bid due date: Not more than 70 years.						DOB- 14/6/1974 (45 years)			DOB- 8/5/1979 (41 years) (63 years)			DOB- 21/05/1965 (55years)			DOB- 17/09/1957 (63 years)			DOB- 13/4/1967 (53 years)			DOB- 07/06/1976 (43 years)

\* Major Tunnel Project = having length more than 1.5 km.  
Similar Capacity for Team Leader cum Senior Tunnel Expert  
i) On behalf of the Consultant/Contractor:  
ii) In Government Organizations:

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Sr. Ventilation & Fire Safety Expert																				
Sr. No.	Name of the Bidder →		GeoConsult India Pvt. Ltd. In JV with RITES Ltd.			Tec Cuatro S.A. in JV with ATC and in Association with AIA & Devico AS			Eptisa India Pvt Ltd in Association with Eptisa Servicios De Ingenieria S.L.			SMEC International Pty. Ltd. in JV with SMEC (India) Pvt. Ltd.			Subterra Engineering India Pvt Ltd. in Association with Space Engineers Consortium Pvt Ltd.			TPF Getinsa Eurostudios S.L.		
	Name of the KEY PERSONAL →		Bernhard happerger			Francisco Antonio AVazques Buceta			Alexander Rudolf			Rovert W Dunlop			Bhanoo P. Verma			Sunit Kanti Dhar		
	Description	Max. Points	Max. Points obtained	Max. Points Claimed	Reference	Max. Points obtained	Max. Points Claimed	Reference	Max. Points obtained	Max. Points Claimed	Reference	Max. Points obtained	Max. Points Claimed	Reference	Max. Points obtained	Max. Points Claimed	Reference	Max. Points obtained	Max. Points Claimed	Reference
I	General Qualification	25	25	25		20	25		25	25		20	0		25	25		20	20	
i)	Graduate in Electrical/Mechanical/Ventilation Engineering or equivalent	20	20	20		20	20		20	20		20			20	20		20	20	
ii)	Post Graduation in Ventilation/ Fire Safety or equivalent	5	5	5		0	5		5	5		0			5	5		0	0	
II	Relevant Experience & Adequacy for the Project	70	62	61		70	70		67	67		68	0		70	70		70	70	
a)	Total Professional Experience	20	17	17	20 yrs, 8 months	20	20	>29 yrs	17	17	21 yrs	20		29 yrs, 10 months	20	20	>38 yrs	20	20	>32 yrs
	<15 years	0																		
	15-20 years	15																		
	>20 -25years	17																		
	>25years	20																		
b)	Experience in Relevant Works	50	45	44		50	50		50	50		48	0		50	50		50	50	
	(i) Professional experience in Ventilation &/or Fire and Life Safety	12	12	12	>14 YEARS	12	12	>14 yrs	12	12	19 YEARS	12		>14 YEARS	12	12	>14 YEARS	12	12	>14 YEARS
	<10 years	0																		
	>=10-12 years	9																		
	>12 -14 years	11																		
	>14 years	12																		
	(ii) Experience in Design of Ventilation for tunnelling projects on major Tunnels in preparation of DPR	12	12	12	>8 projects	12	12	>4 projects	12	12	Sr. no. 4,5,6,7	12		Sr. no. 1,4,6,12	12	12	Sr. no. 9,13,23,25	12	12	Sr. no. 23,24,27,28
	<2 Projects	0																		
	2 Projects	9																		
	3 Projects	11																		
	4 Projects	12																		
	(iii) Experience in Fire & Life Safety Design for tunnelling projects on major Tunnels in preparation of DPR	12	12	8	>8 projects	12	12	S.No. 1, 4, 5, 6, 7, 9, 10	12	12	Sr. no. 4,11,12,13	12		Sr. no. 12,33,34,36	12	12	Sr. no. 9,13,23,25	12	12	Sr. no. 23,24,27,28
	<2 Projects	0																		
	2 Projects	9																		
	3 Projects	11																		
	4or moreProjects	12																		
	(iv)Experience in Fire & Life Safety Design for tunnelling projects having design HRR of 200 MW or more on major Tunnel	14	9	12	Sr. no. 5	14	14	S.No. 6, 7, 9, 10	14	14	Sr. no. 4,8,10	12		Sr. no. 34,36	14	14	Sr. no. 1,5,7,18	14	14	Sr. no. 24,27,28
	<1 Projects	0																		
	1 projects	9																		
	2 projects	12																		
	3 or moreProjects	14																		

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III	Employment with Firm	5																		
	Less than 1 Year	0																		
	1-2 years	3																		
	Add 0.5 marks for each subsequent year subject to maximum of 2 marks	5	0	0		5	5		0	0		5			0	0		0	0	
	Total	100	87	86		95	100		92	92		93			95	95		90	90	
		8	6.96			7.6			7.36			7.44			7.6			7.2		
	Age on bid due date: Not more than 70 years.				DOB-29/6/1979 (41 years)			DOB-29/6/1979 9 (41 years)			DOB-14/03/1968 (52 years)			DOB-29/6/1979 (41 years)			DOB-06/04/1955 (65 years)			DOB-13/03/1964 (56 years)

\* Major Tunnel Project = having length more than 1.5 km.  
Similar Capacity for SENIOR VENTILATION & FIRE SAFETY EXPERT

- i) On behalf of the Consultant/Contractor:  
Senior Ventilation & Fire Safety Expert
- ii) In Government Organizations: -Nil

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Senior Geotechnical Expert																				
S.No.	Name of the Bidder →		GeoConsult India Pvt. Ltd. In JV with RITES Ltd.			Tec Cuatro S.A. in JV with ATC and in Association with AIA & Devico AS			Eptisa India Pvt Ltd in Association with Eptisa Servicios De Ingenieria S.L.			SMEC International Pty. Ltd. in JV with SMEC (India) Pvt. Ltd.			Subterra Engineering India Pvt Ltd. in Association with Space Engineers Consortium Pvt Ltd.			TPF Getinsa Eurostudios S.L.		
	Name of the KEY PERSONAL →		Ravindra Dutta			Fleix Maria Lasheras Albert			Sindu Kumar Bagati			Aurelio Arespacochaga Arangena			Majid Sarrami			Joan Santamaria Casanovas		
	Description	Max Marks	Max. Points obtained	Max. Points Claimed	Reference	Max. Points obtained	Max. Points Claimed	Reference	Max. Points obtained	Max. Points Claimed	Reference	Max. Points obtained	Max. Points Claimed	Reference	Max. Points obtained	Max. Points Claimed	Reference	Max. Points obtained	Max. Points Claimed	Reference
I	General Qualification	25	25	25		20	25		20	20		25	0		20	20		25	25	
	(i) Degree in Civil Engineering/Mining Engineering / Engineering Geology	20	20	20		20	20		20	20		20			20	20		20	20	
	(ii) Post Graduation in Geotechnical Engineering /Foundation Engineering/Rock Mechanics/Geo science	5	5	5		0	5		0	0		5			0	0		5	5	
II	Relevant Experience and Adequacy for the Project	70	50	52		70	70		70	70		50	0		70	70		64	64	
	a) Total Profesional Experience	10	10	10		10	10		10	10		10			10	10		10	10	
	<15 Years - 0 marks 15-20 Years - 08 Marks >20-25 Years - 09 Marks >25 Years - 10 Marks				>25 years			>38 years			26 years			>31 years			25 years			25 years
	b) Experience in Tunnel Projects	30	26	20		30	30		30	30		20	0		30	30		26	26	
	(i) Professional experience in handling major tunnel projects (Road/Rail/Metro)	10	10	10		10	10		10	10		10			10	10		10	10	
	<10 Years - 0 marks ≥10-12 Years - 06 Marks >12-14 Years - 08 Marks >14 Years - 10 Marks				>25 years			>14 years			>14 years			>14 years			25 years			13 yrs
	(ii) Experience in major tunnel construction/construction supervision projects (Road/Rail/Metro)	10	10	10		10	10		10	10		10			10	10		8	8	
	<10 Years - 0 marks ≥10-12 Years - 06 Marks >12-14 Years - 08 Marks >14 Years - 10 Mark				17 yr, 3 month			> 14 yrs			> 14 yrs			> 14 yrs			> 14 yrs			13 yrs
	(iii) Experience in preparation of DPR or Feasibility report of major tunnel projects	10	6	0		10	10		10	10		0	0		10	10		8	8	
	<10 Years - 0 marks ≥10-12 Years - 06 Marks >12-14 Years - 08 Marks >14 Years - 10 Mark				> 11 yr, 5 month			>14 years			> 14 yrs			6 yrs, 3 months			> 14 yrs			>12 yrs
	c) Experience in Similar Capacity	30	14	22		30	30		30	30		20	0		30	30		28	28	
	(i) Experience as Senior Geotechnical Engineer or similar capacity in major tunnel construction/construction supervision projects (Road/Rail/Metro)	10	6	10		10	10		10	10		10			10	10		10	10	
	<8 Years - 0 marks ≥08-10 Years - 06 Marks >10-12 Years - 08 Marks >12 Years - 10 Mark				> 9 yr, 9 month			>12 years			>12 yrs			13 yrs, 6 months			>12 yrs			>12 yrs
	(ii) Experience as Senior Geotechnical Engineer or similar capacity in preparation of DPR or Feasibility report of major tunnel projects	10	0	6		10	10		10	10		0			10	10		8	8	

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	<8 Years - 0 marks >=08-10 Years - 06 Marks >10-12 Years - 08 Marks >12 Years - 10 Mark							>12 years			>12 yrs			6 yrs, 3 months			>12 yrs			13 yrs
	<b>(iii) Experience in construction/construction supervision/ preparation of DPR/feasibility report of major tunnel projects (Road/Rail/metro) using NATM</b>	10	8	6	9 yr, 9 month	10	10	>12 years	10	10	>12 yrs	10		>14 yrs	10	10	>12 yrs	10	10	>12 yrs
	<8 Years - 0 marks >=08-10 Years - 08 Marks >10-12 Years - 10 Marks																			
<b>III</b>	<b>Employment with the Firm</b> < 1 year -0 1-2 year -3 Add 0.5 marks for each subsequent year subject to maximum 2 marks- 5	5	5	5		0	0		0	0		5			0	0		0	0	
	<b>TOTAL</b>	<b>100</b>	<b>80</b>	<b>82</b>		<b>90</b>	<b>95</b>		<b>90</b>	<b>90</b>		<b>80</b>	<b>0</b>		<b>90</b>	<b>90</b>		<b>89</b>	<b>89</b>	
		<b>10</b>	<b>8</b>			<b>9</b>			<b>9</b>			<b>8</b>			<b>9</b>			<b>8.9</b>		
	<b>Age on bid due date: Not more than 70 years.</b>				DOB- 30/03/1961 59 Years			DOB- 05/12/1958 61 Years			DOB- 25/12/1960 59 Years			DOB- 25/12/1960 59 Years			DOB- 11/05/1972 48 Years			DOB- 18/01/1960 60 Years

\* Major Tunnel Project = having length more than 1.5 km.  
Similar Capacity for senior Geotechnical Expert  
i) On behalf of the Consultant/Contractor:  
ii) In Government Organizations: -Nil

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Directional Coring Expert																				
S.No.	Name of the Bidder →		GeoConsult India Pvt. Ltd. In JV with RITES Ltd.			Tec Cuatro S.A. in JV with ATC and in Association with AIA & Devico AS			Eptisa India Pvt Ltd in Association with Eptisa Servicios De Ingenieria S.L.			SMEC International Pty. Ltd. in JV with SMEC (India) Pvt. Ltd.			Subterra Engineering India Pvt Ltd. in Association with Space Engineers Consortium Pvt Ltd.			TPF Getinsa Eurostudios S.L.		
	Name of the KEY PERSONAL →		Subrata Kumar			Chris Wai Kay Tai			Arindom Ganguly			Eirik Borg			Sheikh Abdul Ahad			Christian Alejandro Monardez Arancibia		
	Description	Max Marks	Max. Points obtained	Max. Points Claimed	Reference	Max. Points obtained	Max. Points Claimed	Reference	Max. Points obtained	Max. Points Claimed	Reference	Max. Points obtained	Max. Points Claimed	Reference	Max. Points obtained	Max. Points Claimed	Reference	Max. Points obtained	Max. Points Claimed	Reference
I	General Qualification	25	25	25		20	20		25	25		20	0		20	20		25	25	
(i)	Graduate in Engineering / science/drilling or equivalent	20	20	20		20	20		20	20		20			20	20		20	20	
(ii)	Post Graduation in drilling or equivalent	5	5	5		0	0		5	5		0			0	0		5	5	
II	Relevant Experience and Adequacy for the Project	70	62	62		70	70		66	70		70	0		40	70		70	70	
a)	Total Profesional Experience	20	20	20		20	20		20	20		20			20	20		20	20	
	<10 Years - 0 marks 10-12 Years - 10 Marks >12-15 Years - 15 Marks >15 Years - 20 Marks				>34 years			>23 years			24 years			>30 years			>22 years			22 years
b)	Experience in Relevant Works	50	42	42		50	50		46	50		50	0		20	50		50	50	
	(i) Professional experience in handling tunnel/mineral and oil exploration projects	12	12	12		12	12		12	12		12			12	12		12	12	
	<05 Years - 0 marks ≥05-10 Years - 09 Marks >10-12 Years - 11 Marks >12 Years - 12 Marks				>21 years			>12 years			18 years			>12 years			>15 years			18 years
	(ii) Experience in directional coring for tunneling projects	12	12	12		12	12		12	12		12			0	12		12	12	
	<1 project - 0 marks 1 Project - 08 Marks 2 or more projects- 12 Marks				6 projects			Sr. No 2, Sr. No 4, Sr. No 5 to Sr. No 23			Sr. no.12,15,16, 17			Sr. no.24,27,28						Sr. no.8,10
	(iii) Experience directional coring for tunnelling projects at an elevation above 1000 m	12	8	8		12	12		12	12		12			8	12		12	12	Sr. no. 7,8
	<1 project - 0 marks 1 Project - 08 Marks 2 or more projects- 12 Marks				1 project, Katra-Quazikun			Sr. No 15, Sr. No 18 and Sr. No			Sr. no. 12,15,17			1 project, Sr. no. 7,12			1 project			
	(iv) Experience of directional coring/geotechnical investigation in more than one country	14	10	10		14	14		10	14		14			0	14		14	14	
	< 2 country - 0 marks 2 country - 10 Marks 3 country or more- 14 Marks				Myanmar & UAE			Australia, Japan ,Chile			Uzbekistan, Nepal			Japan, Spain, China						Argentina, Brazil, Chile
III	Employment with the Firm < 1 year -0 marks 1-2 year -3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks- 5 marks	5	5	5		5	5		3.5	3.5		0			5	5		0	0	
	TOTAL	100	92	92		95	95		94.5	98.5		90			65	95		95	95	
		10	9.2			9.5			9.45			9			6.5			9.5		
Age on bid due date: Not more than 70 years.					DOB- 24/10/19 68 51 Years			DOB- 24/10/1968 51 Years			DOB- 24/10/1968 51 Years			DOB- 24/10/1968 51 Years			DOB- 13/9/1973 46 Years			DOB- 19/10/197 2 47 Years

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Evaluation of Technical Proposals								
Project Name : Consultancy Services for Preparation of Detailed Project Report and providing Pre-Construction activities for Construction of Highway Tunnel including approaches across Shinkun La, Tanglang La & Lachalung La in the Union Territory of Ladakh								
Summary of evaluation of Technical Proposals								
S. No.	Description	Maximum Marks	GeoConsult India Pvt. Ltd. In JV with RITES Ltd.	Tec Cuatro S.A. in JV with ATC and in Association with AIA & Devico AS	Eptisa India Pvt Ltd in Association with Eptisa Servicios De Ingenieria S.L.	SMEC International Pty. Ltd. in JV with SMEC (India) Pvt. Ltd.	Subterra Engineering India Pvt Ltd. in Association with Space Engineers Consortium Pvt Ltd.	TPF Getinsa Eurostudios S.L.
1	Relevant experience for assignments	40	30	35	28	26	29.5	30
2	Material Testing, Survey and Investigation, Equipment and Software Proposed	10	9.75	10	9.5	9.75	8.75	9.5
3	Qualifications and relevant experience of the proposed key personnel	50	43.98	44.90	45.43	44.30	43.26	45.60
	Total marks	100	83.73	89.90	82.93	80.05	81.51	85.10
	Remarks		Eligible for opening of financial proposal	Eligible for opening of financial proposal	Eligible for opening of financial proposal	Eligible for opening of financial proposal	Eligible for opening of financial proposal	Eligible for opening of financial proposal