

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

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सार्वजनिक क्षेत्र का उपक्रम

A PUBLIC SECTOR UNDERTAKING

NHIDCL/Silkyara Tunnel/AE/2018

Dated: 14.06.2019

To,

M/s TPF Getinsa Euroestudios S.L. in association With M/s Rodic Consultants Pvt. Ltd. Unit 305, Suncity Business Tower, Golf Course Road, Sector-54, Gurgaon-122002, Email- indiacentral@tpfingenieria.com	M/s Energy Infratech Pvt. Ltd. In association with M/s Meinhardt Singapore Pte. Ltd. A-39, Sector-64, Noida-201301 Uttar Pradesh, India Email- sonia.aggarwal@energyinfratech.com	M/s AYESA Ingenieria Y Arquitectura S.A.U. In association with SA Infrastructure Consultants Pvt. Ltd. Plot No. D-99, 4 th Floor, Sector-2, Noida, Gautam Buddha Nagar-201301 (UP) Email- delhi@ayesa.com
M/s Systra S.A. in association with M/s Pems Engineering Consultants Pvt Ltd 72-76 Rue Henry Farman, 75015 Paris France Email- apa@systra.com , pemsggn@gmail.com	M/s Beaver Infra Consultants Pvt. Ltd. Anagha, Plot no.1, road No.2, Sector-11, New Panvel (E), Navi Mumbai-410206. Maharashtra, India. Email- Beavermumbai@gmail.com	

Subject: Consultancy Services for Authority's Engineer for supervision of Construction, Operation and Maintenance of 2-lane Bi-Directional Silkyara Bend -Barkot Tunnel with escape passage including approaches on Dharasu-Yamunotri section between Ch. 25.4 km and Ch. 51.0 km falling along NH-134 (old NH-94) in the State of Uttarakhand" on Engineering, Procurement and Construction (EPC) Mode. - Opening of Financial Bid - regarding.

Sir,

Please refer to your bid dated 30.01.2019 submitted on the subject cited project. Further to this office letter no. NHIDCL/Silkyara Tunnel/AE/2018 dated 08.03.2019. The following is the final list of technically responsive Bidders. The financial bids of technically responsive bidders shall be opened on **21.06.2019 (1530 hrs)** in NHIDCL HQ, 3rd Floor PTI Building, 4-Parliament Street, New Delhi-110001.

Sr. No.	Name of Bidder	Technical Score	Status
1	M/s TPF Getinsa Euroestudios S.L. in association With M/s Rodic Consultants Pvt. Ltd.	93.43	Technically Responsive Eligible for opening of Financial bid as per Minutes of Meeting enclosed.

Sr. No.	Name of Bidder	Technical Score	Status
2	M/s Energy Infratech Pvt. Ltd. In association with M/s Meinhardt Singapore Pte. Ltd.	83.66	Technically Responsive Eligible for opening of Financial bid as per Minutes of Meeting enclosed.
3	M/s Systra S.A. in association with M/s Pems Engineering Consultants Pvt Ltd	70.49	Non-Responsive as per Minutes of Meeting enclosed.
4	M/s AYESA Ingenieria Y Arquitectura S.A.U. (Ayesa) In association with SA Infrastructure Consultants Pvt. Ltd.	---	Non-Responsive as per Minutes of Meeting enclosed.
5	M/s Beaver Infra Consultants Pvt. Ltd.	----	Non-Responsive as per Minutes of Meeting enclosed.

2. The copy of Minutes of Meeting (MoM) of Empowered Technical Evaluation Committee (ETEC) dated 13.06.2019 referred above is also enclosed.
3. All the Authorized Representatives are requested to attend the opening of Financial Bids at the Scheduled date 21.06.2019 at (1530 hrs).

Yours Faithfully,



Y.C. Srivastava
General Manager (T)

National Highways & Infrastructure Development Corporation Ltd

Minutes of Meeting of Empowered Technical Evaluation Committee (ETEC) for evaluating Technical Bids for "Consultancy Services for Authority's Engineer for supervision of Construction, Operation and Maintenance of 2-lane Bi-Directional Silkyara Bend -Barkot Tunnel with escape passage including approaches on Dharasu-Yamunotri section between Ch. 25.400 and Ch. 51.000 falling along NH-134 (old NH-94) in the State of Uttarakhand" on Engineering, Procurement and Construction (EPC) Mode held at NHIDCL on 13.06.2018, New Delhi (2nd meeting).

1. ETEC Committee in its meeting dated 06.03.2019 has recommended for technically responsive bidders. Consequent upon Approval of Competent Authority the technical score of the bidders along with minutes of meeting were uploaded on the website to submit the clarification/representation if any by the consultant on or before 15.03.2019 (15:30 hrs). The uploaded scores of respective consultants are tabulated below:

Sr. No.	Name of Bidder	Technical Score	Status
1	M/s TPF Getinsa Euroestudios S.L. in association With M/s Rodic Consultants Pvt. Ltd.	93.43	Responsive
2	M/s Energy Infratech Pvt. Ltd. In association with M/s Meinhardt Singapore Pte. Ltd.	77.88	Responsive
3	M/s Systra S.A. in association with M/s Pems Engineering Consultants Pvt Ltd	70.49	Non-Responsive*
4	M/s AYESA Ingenieria Y Arquitectura S.A.U. (Ayesa) In association with SA Infrastructure Consultants Pvt. Ltd	-	(i) The bidder has not qualified the minimum experience in Project supervision/independent Engineer/Authority's Engineer of Tunnel Project of aggregate length equal to 3 times of length (i.e. 14.577 km) as per Clause 11 (A), Sr.No. 1(a) of Section 1 of RFP. (ii) The bidder has not qualified the prepared DPR/ Feasibility Study cum



			Preliminary Design Report for at least one project of similar category of Tunnel** work of 40% (i.e. 1.94 Km) of project length as per Clause 11 (A), Sr.No. 1(b) of Section 1 of RFP.
5	M/s Beaver Infra Consultants Pvt. Ltd.	-	<p>(ii) Therefore, Non-responsive.</p> <p>M/s Beaver Infra Consultants Pvt. Ltd. has not created the INFRACON TEAM ID on INFRACON PORTAL. As per Clause No. 7.1 of LOI of RFP document the firm has to create team ID on INFRACON PORTAL for submitting their technical proposal (Experience of firm & Key Personnel). Since the M/s Beaver Infra Consultants Pvt. Ltd. has not created Team ID on INFRACON PORTAL. Therefore, the financial consultant has considered the bid as Non-Responsive.</p>

* Six Key personnel of M/s Systra S.A. in association with M/s Pems Engineering Consultants Pvt Ltd i.e. Mr. Sindhu Mishra - (Resident Cum Tunnel Excavation expert), Mr. Turki Mohammad Said - (Tunnel Safety Expert), Mr. Christos Gioldasis (Sr. Geotechnical expert), Mr. Jang Bahadur Choudhary (Senior Geologist), Mr. Nishith Gupta (Tunnel Design Engineer) and Mr. Sumanto Dutta -(Instrumentation and Control SCADA Expert) could not score the minimum Qualifying marks of 75%. Hence, Consultant has been considered as Non Responsive as per Clause 3.4 (iv) (f) and Clause 5.3 of section 2 of RFP i.e. "In case more than 3 CV scores less than 75% marks or Team Leader cum Senior Tunnel Expert scores less than 75% marks, the proposal shall be considered non-responsive." And "Each responsive proposal shall be attributed a technical score (ST.) Only those Applicants whose Technical proposal score 75 marks or more out of 100 shall qualify for further consideration."

(Handwritten signatures)

2. While uploading the results bidders were requested vide letter no. NHIDCL/Silkyara Tunnel/AE/2018 dated 08.03.2019, vide para 03 bidders were requested to submit their representation if any within 7 days .In response, three bidders viz. M/s TPF Getinsa Euroestudios S.L. in association With M/s Rodic Consultants Pvt. Ltd., M/s AYESA Ingenieria Y Arquitectura S.A.U. (Ayesa) in association with SA Infrastructure Consultants Pvt. Ltd and M/s Energy Infratech Pvt. Ltd. in association with M/s Meinhardt Singapore Pte. Ltd. submitted their representation along with supporting documents vide letters dated 14.03.2019, 14.03.2019 & 15.03.2019 respectively. The same were handed over to the financial consultant to check their tenability.

3. Financial consultant vide its letter dated 07.06.2019 submitted their report (Annexure-I) with details as under:

Sr. No.	Quarry	Reply by Bidder	Remarks of the Financial Consultant	Recommendation by ETEC Committee
1	M/s TPF Getinsa Euroestudios S.L. in association With M/s Rodic Consultants Pvt. Ltd.			
(i)	Responsive (i) Tunnel Safety Expert- Mr. Shamshe Ali has all relevant document viz. Pan Card, B.Tech certificate etc. with name of Mr. Shamshe Ali. Therefore, the key personnel required to submit an undertaking that both are same, as there is no created ID on the name of Shamshe Ali on Infracon Portal and will change his name mentioned on Infracon Portal accordingly.	(i) The key personnel has provided undertaking confirming that the name of the key personnel as mentioned in documents is correct i.e. Shamshe Ali and the name which has been shown on infracon profile i.e. Shamshe Ali , is a result of typographical error while creating his profile. For the same the key personnel has also requested to Infracon to change his name as written in his documents.	(i) The issue of mismatch of name of Mr. Shamshe Ali has been resolved as the key personnel did send a mail to the INFRACON team to correct his name from 'Shamshe Ali' to 'Shamshe Ali'. The same was confirmed on INFRACON that the name has been changed to Shamshe Ali . Hence, as the issue of mismatch of names has been resolved, the CV is being considered and 91 marks are being awarded to this CV.	We may agree with the remarks of Financial Consultant.

Sr. No.	Quarry	Reply by Bidder	Remarks of the Financial Consultant	Recommendation by ETEC Committee
	<p>(ii) Tunnel Design Engineer:- Mr. Jaime Otazua has all relevant document viz. Pan Card, B.Tech certificate etc. with name of Mr. Don Jaime Otazua Font. Therefore, the key personnel required to submit an undertaking that both are same, as there is no created ID on the name of Mr. Don Jaime Otazua Font on Infracon Portal and will change his name mentioned on Infracon Portal accordingly.</p>	<p>(ii) The key personnel has provided undertaking confirming that the name of the key personnel as mentioned in documents is correct i.e. Don Jaime Otazua Font and the name which has been shown on infracon profile i.e. Jaime Otazua , is a result of typographical error while creating his profile. For the same the key personnel has also requested to Infracon to change his name as written in his documents.</p>	<p>(ii) The key personnel was asked to resolve the issue of mismatch of name in his CV and in qualification degree. In response on which the key personnel has provided an undertaking stating that name on his qualification degree is correct and for the same he has requested INFRACON Team to change his name on CV as Don Jaime Otazua Font.</p> <p>On the basis of that undertaking the CV of this key personnel is being considered and accordingly 94 marks are being awarded.</p>	
	<p>(iii) Sr. Geotechnical Engineer:- Mr. Konstantinos Slergiopoulos has all relevant document viz. Pan Card, B.Tech certificate etc. with name of Mr. Constantinos B. Slergiopoulos. Therefore, the key personnel</p>	<p>(iii) The key personnel has provided undertaking confirming that the name of the key personnel as mentioned in documents is correct i.e. Constantinos Stergiopoulos and the name which has been shown on infracon profile i.e. Konstantinos Stergiopoulos , is a result of typographical error while creating his profile. For the same the key personnel has also requested to Infracon to change his name as written in his documents.</p>	<p>(iii) The key personnel was asked to resolve the issue of mismatch of name in his CV and in qualification degree. In response on which the key personnel has provided an undertaking stating that name on his qualification degree is correct and for the same he has requested INFRACON Team to change his name on CV as Constantinos Stergiopoulos.</p> <p>Further, it was also found that the name on ID proof, i.e.</p>	

Sr. No.	Quarry	Reply by Bidder	Remarks of the Financial Consultant	Recommendation by ETEC Committee
	required to submit an undertaking that both are same, as there is no created ID on the name of Mr. Constantinos B. Stergiopoulos on Infracon Portal and will change his name mentioned on Infracon Portal accordingly.		Passport, of this key personnel is mentioned as Konstantinos Stergiopoulos which is also an contradiction to the undertaking provided by him for changing his name. When clarification was take from the bidder the key personnel said that due to different English Codes his name was printed as Konstantinos Stergiopoulos instead of Constantinos Stergiopoulos . The authority may consider this CV on the basis of the undertaking and required verification may be done as per NHIDCL circular No.: NHIDCL/Consultancy/2018/09/1606 dated 02.08.2018 for H1 bidder. However it is suggested that if this firm stands H1 necessary correction in passport as submitted by Mr. Konstantinos Stergiopoulos may be done before his actual deployment.	
2	M/s AYESA Ingenieria Y Arquitectura S.A.U. (Ayesa) In association with SA Infrastructure Consultants Pvt. Ltd			
(i)	(i) The bidder has not qualified the minimum experience in Project supervision/Independent Engineer/Authority's Engineer of Tunnel Project of aggregate	The firm should have minimum experience of Project Supervision/Independent Engineer/ Authority's Engineer of Tunnel project of aggregate length equal to 3 times (14.577 Km) or more of similar category** for which RFP is invited. The bidder has claimed the following project under this criterion:- A. Project Management for the extension of FGC to Terrassa, Infrastructure, Superstructure of track and catenary. Stretch Terrassa-Rambla	The bidder has claimed the following project under this criterion:- A. Project on page no. 252 of bid document- This project is not uploaded on Infracon and as per clause 7.1 of section 1	We may agree with the remarks of Financial Consultant.

Sr. No.	Quarry	Reply by Bidder	Remarks of the Financial Consultant	Recommendation by ETEC Committee
	length equal to 3 times of length (i.e. 14.577 km) as per Clause 11 (A), Sr.No. 1(a) of Section 1 of RFP.	<p>Tunnel /Can Roca and transfer stations RENFE CAN ROCA. (Pg. No. 252).-</p> <p>B. Project Management Consultancy and Technical Assistance in the Operation of Metro Panama Line 1â€ , Panama Metro, Contract No. SMP-31-2010 (Pg No. 260)</p> <p>C. Technical Assistance and Project Management Contract for the Construction of the Detailed Design of Lines 1 & Line 2 of Malaga Metro, Spain (Pg No. 279).</p>	<p>of RFP, the data uploaded on Infracon has only been evaluated. Hence, this project is not considered for evaluation.</p> <p>B. Project on page no. 260 which is uploaded on Infracon as project no. 28 has already been considered under this criterion.</p> <p>C. As per the certificate uploaded on infracon portal for this project, the length of the tunnel work was not mentioned and therefore it was not considered for evaluation. Now, the bidder has claimed the same project on the basis of a supplementary certificate attached in bid document from page no. 277 to 286, which was not uploaded by the bidder on INFRACON at the time of bidding. In this supplementary certificate (translated), length of the tunnel work has been mentioned as 10.5 Km but it is also mentioned that the tunnel work is under construction on the date of issuance of the certificate. As per the requirement of RFP the work has to be substantially completed within last seven years whereas the certificate does not reveal whether the work of construction supervision has been completed within 7 years. Secondly, as the document</p>	







Sr. No.	Quarry	Reply by Bidder	Remarks of the Financial Consultant	Recommendation by ETEC Committee
		<p>D. Project Management Consultancy & Assistance for Coordination and Support of the specialized consultancy services of the platform works for the High Speed Line Bobadilla-Granada/Spain. (Pg No. 291-292).</p> <p>(ii) The bidder has claimed the following projects under the criterion i.e. Firm should also have prepared DPR/Design/Feasibility Study/ for at least one project of similar category of Tunnel work of 40% (i.e. 1.94 km) of project length :-</p> <p>(A) Detailed Design and Supervision for Construction of Road Bed including two tunnels of 0.94km long (chainages 18.660-19.600 km) and 6.62km long (chainage 23.370-29.990 km) Obulavaripalle Venkatachalam New Railway Line on south Central Railway in Kadapaf Nellore district, in the state of Andhra Pradesh (INDIA) (Pg NO. 309)(Pr. No. 27).</p>	<p>provided the construction work is still under progress and therefore this experience cannot be considered for DPR or Construction Supervision.</p> <p>D. Tunnel work has been completed as mentioned in the certificate dated 30.09.2012 but the completion date of tunnel work is not mentioned in the certificate which may fall prior to last 7 years from the bid due date i.e. 31.01.2012. Hence, the claim cannot be considered for evaluation.</p> <p>(ii) (A) In the Certificate dated 18.03.2013 uploaded on Infracon have following deficiencies:-</p> <p>(a) In the certificate it is mentioned that the design work has been completed and construction work is under progress. From this information it cannot be concluded that the design phase was completed within last 7 years from bid due date i.e. 31.01.2012.</p> <p>b). The bidder has also submitted a supplementary document i.e. certificate dated 28.08.2018 in the bid document for the same project. In this certificate also it is mentioned that design work has been completed and construction work is under process. This data does not provide any clear information for completion of</p>	
	<p>(ii) The bidder has not qualified the prepared DPR/ Feasibility Study cum Preliminary Design Report for at least one project of similar category of Tunnel** work of 40% (i.e. 1.94 Km) of project length as per Clause 11 (A), Sr.No. 1(b) of Section 1 of RFP.</p> <p>(ii) Therefore, Non-responsive.</p>			

Sr. No.	Quarry	Reply by Bidder	Remarks of the Financial Consultant	Recommendation by ETEC Committee
		<p>(B) Detailed Design of the Victoria-Bilbao-San Sebastian High-speed railway Platform, Stretch: Mondragon-Bergara (P028/09) (Pg .No 322)</p> <p>(C) Detail design of first line of metro within the framework of the integrated public transport system SITP –for the city of Bogota, D.C (Pg no. 330)</p>	<p>design work after 31.01.2012. Therefore, rejected.</p> <p>(B) Project on page no. 322 of bid document- This project is not uploaded on Infracon and therefore not considered for evaluation. Also, the evaluation process has been carried out only for the data which is uploaded on Infracon and the same has been discussed with the Authority.</p> <p>(C) Project on page no. 330 of bid document- This project is not uploaded on INFRACON and therefore not considered for evaluation. Also, the evaluation process has been carried out only for the data which is uploaded on INFRACON and the same has been discussed with the Authority.</p>	
		<p>(D) Consultancy Services And Technical Assistance of the Detailed Design Of Line 1 of Underground Urban Transport Of Quito (Ecuador), Batch 1â€, Ecuador (Pg. No. 346)</p>	<p>(D) In the certificate provided it can be observed that Batch 1, Batch 2 and Batch 3 are part of Line 1 of underground urban transport and the total length of line 1 is 22 Km. However from the information contained in the certificate total batches in 22 km length and length of Batch 1, 2 and 3 cannot be determined. In absence of completion details the project cannot be considered for evaluation.</p>	







Sr. No.	Quarry	Reply by Bidder	Remarks of the Financial Consultant	Recommendation by ETEC Committee
3	M/s Energy Infratech Pvt. Ltd. In association with M/s Meinhardt Singapore Pte. Ltd.			
(i)	Responsive (i) Tunnel Safety Expert- Mr. JANARDHANAM VARATHARAJA N has all relevant document viz. Pan Card, B.Tech certificate etc. with name of Mr. V. Janardhanam. Therefore, the key personnel required to submit an undertaking that both are same, as there is no created ID on the name of Mr. V. Janardhanam on Infracon Portal and will change his name mentioned on Infracon Portal accordingly.	(A) We hereby confirm that EIPL has an Experience in Construction supervision/Independent Engineer/Authority Engineer of a tunnel project during the last 7 years of minimum length equal to or more than 8.6 Km twin tunnel i.e. 8.6+8.6 =17.2 Km. (i) Tunnel Safety Expert:- As per technical result name of the tunnel safety Expert is mentioned is mentioned in Infracon ID as Janardhanam Varatharajan while in relevant document i.e. Pan Card, B. tech is Janardhanam V. We hereby confirm that full name of key professional is Janardhanam Varatharajan. (ii) E & M Expert:- As per marks evaluation sheet, certificate of automobile engineering of E & M expert	(A) As per RFP clause 2.1 of Detailed evaluation criteria of RFP i.e. "Experience in construction supervision/Independent Engineer/Authority's Engineer of a tunnel project during the last 7 years of minimum length equal to or more than 1.94 km in a single stretch ", it can be easily concluded that we need single tunnel of length more than 1.94 Km and as per the experience certificate claimed it is clearly mentioned that work of two tunnels each of 8.6 Km single stretch has been done. Therefore, as per RFP criterion single tunnel of length 8.6 km has been considered for evaluation. Hence, the claim is rejected and marks are not being revised under this criterion. (i) Tunnel Safety Expert:- The key personnel have provided an undertaking clarifying the issue of mismatch of name in his documents and INFRACON Profile. Hence, on the basis of that undertaking, CV of the key personnel is being considered and 79.5 marks have been allotted accordingly. (ii) E & M Expert:- According to the RFP criterion, we need graduation in	We may agree with the remarks of Financial Consultant.







Sr. No.	Quarry	Reply by Bidder	Remarks of the Financial Consultant	Recommendation by ETEC Committee
		<p>is not considered. Zero mark is allotted to key personnel as it does not fulfil minimum eligibility criteria in qualification.</p> <p>E & M Expert as completed Bachelor of Engineering in Automobile Engineering from Kharkov state of Automobile – Highway technical university in 1996 and master of engineering in 1997 from same university. Automobile Engineering is an important branch of Mechanical Engineering. We strongly feel that Automobile Engineering should be considered as equivalent to Mechanical Engineering.</p> <p>He has more than 20 years of experience in similar projects. He has very good experience of tunnel ventilation system and Electro-Mechanical works from concept to commissioning, verification of design and specifications, equipment selection. Estimating plant room sizes for TVS/ ECS equipment, shaft sizes. Keeping in view the experience of the key personnel and equivalent qualification, we request to re-evaluate the marking of E&M Expert.</p> <p>(iii) Sr. Geotechnical Expert:- Marks for Employment with the Firm have not been given.</p>	<p>Electrical/Mechanical Engineering and the qualification of the key personnel is graduation in Automobile Engineering which is not as per the requirement of the RFP criterion.</p> <p>Therefore, no marks are being awarded and as per clause 3.4(iv)(f) of Technical proposal of Section-2 of RFP zero marks are being awarded.</p>	
			<p>(iii) Sr. Geotechnical Expert:- Mr. Rocky Tay is currently employed with M/s Meinhardt Infrastructure & Environment Ltd. and no proofs were provided that M/s Meinhardt Singapore PTE. Ltd. has any relation with M/s Meinhardt Infrastructure & Environment Ltd. and therefore no marks were awarded.</p> <p>Now, the bidder has provided clarification stating that Meinhardt Group International Limited is the parent company of M/s Meinhardt Singapore PTE.</p>	







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			<p>Ltd. and; M/s Meinhardt Infrastructure & Environment Ltd. is their fully owned subsidiary.</p> <p>As per the clarification provided by the bidder regarding the employment of the key personnel with the firm it can be concluded that the key personnel is currently employed in the sister company of the bidder and the experience of the sister company cannot be considered for evaluation.</p> <p>Therefore, the marks for employment are not given.</p>	
		<p>(a) Post Graduate in Rock Mechanics /Foundation Engineering/ Tunnel Engineering. Post graduation in civil and structure engineering is equivalent degree i.e. foundation and tunnel. So we request you to please consider the same and allot the marks.</p>	<p>(a) According to the Clause no. 2.2.5 (I) of the Detailed Evaluation Criteria (Appendix O) of RFP document, we need post graduation in Rock Mechanics /Foundation Engineering/ Tunnel Engineering and the qualification of the key personnel is post graduation in civil and structure engineering which is not as per the requirement in the RFP criterion.</p> <p>Therefore, no marks have been awarded.</p>	
		<p>(b) Experience in Construction/ Construction Supervision of major tunnel projects (Road/Rail/Metro/Hydro Tunnel) in developed and Middle East countries. We request you to please consider the pr. No. 7, 10 and 25 for design and supervision in reference to the duties description and title of the project. For project 25 tunnel to be included – tunnel length of 1.53 Km.</p>	<p>(b) In project no. 7 and 10 nature of assignment has been given as DPR and according to criterion we need construction supervision projects therefore these projects were not considered. Now, the bidder has claimed that the key personnel has experience of both DPR and Construction Supervision in these projects as mentioned</p>	

Sr. No.	Quarry	Reply by Bidder	Remarks of the Financial Consultant	Recommendation by ETEC Committee
			<p>in the section "description of duties" and now these projects are being considered based on submitted clarification. If the bidder is awarded the project, these project may be verified as per circular NHIDCL/Consultancy/2018/09/1606 dated 02.08.2018.</p> <p>Project no. 25 is now being considered as it involves tunnel of length 9000 m.</p> <p>*Project no. 26 was considered in our earlier report but while re-examining the evaluation we found that length of the tunnel in project no. 26 has been given as 785 m whereas according to the criterion we need major tunnel (of length more 1500 metres) therefore not considered.</p>	
		<p>(c) Experience as Geotechnical engineer or similar capacity in construction/ construction supervision of at least 4 tunnel projects (Road/Rail/Metro/Hydro Tunnel) of length equal to or more than 1.94 km. We request you to please consider the project no. 7, 10, 12, 32 or design and supervision in reference the duties description and title of project. The nature of assignment limited to one due to software limitation.</p>	<p>Therefore marks are being changed accordingly.</p> <p>(c) In project no. 7, 10, 12 and 32 nature of assignment has been given as DPR and according to criterion we need construction supervision projects therefore these projects were not considered. Now, the bidder has claimed that the key personnel has experience of both DPR and Construction Supervision in these projects as mentioned in the section "description of duties" and after discussion with the authority project no. 7, 10, 12 are being considered now. Therefore marks are being changed accordingly. If the bidder is</p>	

Sr. No.	Quarry	Reply by Bidder	Remarks of the Financial Consultant	Recommendation by ETEC Committee
		<p>(iv) Senior Geologist:- The bidder has provided clarification mentioning that the key personnel has worked with M/s Energy Infratech Private Limited from Sept. 2006 to Nov 2012 and continue from August 2017 to till date.</p> <p>(v) Team Leader Cum Senior Tunnel Expert:-</p>	<p>awarded the project, these project may be verified as per circular NHIDCL/Consultancy/2018/09/1606 dated 02.08.2018.</p> <p>Project no. 32 is not being considered as the length of tunnel is 1500 m but according to criterion we need tunnel of length more than 1.94 Km.</p> <p>(iv) Senior Geologist:- We will like to bring to knowledge of the bidder that only experience of present employment with the firm has been considered under this criterion. Hence, the claim is rejected and no change in awarded marks is being done</p> <p>(v) Team Leader Cum Senior Tunnel Expert:-</p>	
		<p>(a) Candidate has done post graduation in Environmental Geology. The degree is relevant and brings added advantage as the Team leader cum Sr. Tunnel expert should be versed with tunnelling works. Request for marking allocation basis the post graduation qualification.</p> <p>(b) The key personnel has claimed project no. 1, 5, 7,8,10 and 12 under the criterion "Experience in major tunnel construction/construction supervision projects (Road/Rail/Metro/Hydro Tunnel) in</p>	<p>(a) Marks for Post Graduation were not allotted because the specialization of post graduation is different from those mentioned in RFP criterion i.e. Environmental Geology and as per RFP we need Post-Graduate or chartered engineer in civil/Mining Engineering or equivalent. Hence, the claim is rejected and no change in awarded marks is being done.</p> <p>(b) Out of the claimed projects, project no. 1, 5, 7 and 8 has already been considered. Project no 10 and 12 were not considered as the nature of assignment was given as DPR whereas we need construction</p>	







Sr. No.	Quarry	Reply by Bidder	Remarks of the Financial Consultant	Recommendation by ETEC Committee
		<p>Developed countries and Middle East Countries."</p> <p>Claiming that the project no. 10 and 12 covers DPR as well as construction supervision works.</p> <p>The key personnel has clarified that there is only one option to be chosen for nature of assignment and therefore was not able to submit both works i.e. DPR and construction supervision for same project.</p> <p>(c) The key personnel have claimed project no. 1, 12 under the criterion "Experience as Team Leader or similar capacity in construction supervision of tunnels (Road/Rail/Metro/Hydro Tunnel) of length 1.94 km or more", claiming that in project no. 1 the key personnel was discharging duties at a level one below the project manager in Greece. The same may be considered equivalent in capacity to RE in the Indian Project Scenario.</p> <p>And for project no. 12- The project covers DPR as well as construction supervision works. The same may be verified from the project title as well as the description of duties. Under the nature of assignment section both could not be captures due to limitations of software, allowing for only one choice selection.</p> <p>(vi) Resident Engineer cum</p>	<p>Supervision work under this criterion. Now, the bidder has claimed that the key personnel has experience of both DPR and Construction Supervision in these projects as mentioned in the section "description of duties" and after discussion with the authority these projects are being considered now. Therefore marks are being changed accordingly. If the bidder is awarded the project, these project may be verified as per circular NHIDCL/Consultancy/2018/09/1606 dated 02.08.2018.</p> <p>(c) Project no. 1 was not considered as the key personnel have not worked under similar capacity and Project 12 was not considered as the nature of assignment was given as DPR whereas we need construction Supervision work under this criterion. Now, the bidder has claimed that the key personnel has experience of both DPR and Construction Supervision in this project as mentioned in the section "description of duties" and after discussion with the authority, project no. 12 is being considered now. Therefore marks are being changed accordingly. If the bidder is awarded the project, these project may be verified as per circular NHIDCL/Consultancy/2018/09/1606 dated 02.08.2018.</p> <p>(vi) Resident Engineer cum</p>	







Sr. No.	Quarry	Reply by Bidder	Remarks of the Financial Consultant	Recommendation by ETEC Committee
		<p>Excavation Specialist:- (a) Total Experience in supervision of major Tunnel Projects (Road/Rail/Metro/Hydro Tunnel)- 18.1 years.</p> <p>(b) Experience as Tunnel Excavation Expert or similar capacity in tunnel design/ DPR/ preparation / feasibility study/design review involving major tunnel projects (Road/Rail/Metro/Hydro Tunnel) (minimum 1 year experience in a project) We consider you to please consider project no. 6 for design and design review works. And project no. 10 to be considered for DPR and construction Supervision project in reference to the title and description of duties.</p> <p>(vii) Tunnel Design Engineer:- (a) Experience in similar capacity in Project Preparation/DPR involving design of tunnels (Road/Rail/Metro/Hydro Tunnel) of more than 1.94 km length (Min. 1 year experience in a project)</p>	<p>Excavation Specialist:- (a) The bidder has claimed 15 marks on the basis of 18.1 years of experience for project no. 2, 4, 6,7,10 and 11. These projects have already been considered but inadvertently marks were not allotted accordingly. Hence, the claim of the bidder is being accepted and marks are being revised accordingly.</p> <p>(b) The bidder has claimed project no. project no. 6 and 10 under this criterion these projects were not considered as nature of assignment was given as Supervision (PPP). However, 'design review' has been mentioned under the head 'Description of Duties' of project no. 6. In project no. 10, work of tunnel design/ DPR/ preparation / feasibility study/design review is not mentioned in 'Description of Duties' therefore it is not being considered. Hence, the marks are being revised accordingly and the same has been discussed with the authority. If the bidder is awarded the project, these project may be verified as per circular NHIDCL/Consultancy/2018/09/1606 dated 02.08.2018.</p> <p>(vii) Tunnel Design Engineer:- (a) In project no. 1 designation of Project engineer has not been considered in similar capacity.</p>	

Sr. No.	Quarry	Reply by Bidder	Remarks of the Financial Consultant	Recommendation by ETEC Committee
		<p>Kindly consider project no. 1, 3, 13, 15 including 4, 6, 8, 11.</p> <p>The project covers DPR as well as construction Supervision works. The same may be verified from the project title as well as the description of duties. Under the nature of assignment section both could not be captured due to limitations of software, allowing for only one choice selection.</p>	<p>In project no. 3 the designation of the key personnel has not been reflected in the project sheet. Therefore in project no. 1 and 3 the key personnel did not work under similar capacity hence not considered. Project no. 13 and 15 were not considered as nature of assignment for these projects is mentioned as 'Supervision (EPC) whereas we need DPR project under this criterion. Now, the bidder has claimed that the key personnel has experience of both DPR and Construction Supervision in these projects as mentioned in the section "description of duties" and after discussion with the authority, these projects are being considered now. Therefore marks are being changed accordingly. If the bidder is awarded the project, these project may be verified as per circular NHIDCL/Consultancy/2018/09/1606 dated 02.08.2018.</p>	
		<p>(b) Experience in innovation tunnel design (Road/Rail/Metro/Hydro Tunnel) like immersed tunnel and sub-sea bored tunnel</p> <p>Consider project no. 9- the project is development on 7 artificial islands having bridges, tunnels and transportation links and building interfaces.</p> <p>Consider project no. 15- design and supervision of innovative dual track high speed railway tunnel connecting the cities.</p>	<p>(b) Project no. 9 and 15 were not considered as experience in innovation tunnel design (Road/Rail/Metro/Hydro Tunnel) like immersed tunnel and sub-sea bored tunnel is not shown in the INFRACON sheets of these projects, however the bidder has submitted clarification for the same and on the basis of the submitted clarification the claim is accepted and change in marks is being done It is also being suggested that if the bidder is awarded the</p>	







Sr. No.	Quarry	Reply by Bidder	Remarks of the Financial Consultant	Recommendation by ETEC Committee
		<p>(viii) Tunnel Safety Expert:- (a) International exposure in tunnel safety works in developed countries and Middle East Countries Kindly consider project no. 2 including pr. No. 3, 4, and 5. Total no. of years is 11 years. As the project Heritage View condominium at Dower road and the project central grove condominium project at Sim ave includes work related to safety of tunnel.</p> <p>(b) Experience in similar capacity of Tunnel Safety Audits during construction stage of tunnel projects (Road/Rail/Metro/Hydro Tunnel) of minimum length of 1.94 Km. Pr. No. 11, 14, 15 .We request you to please consider the above with reference to the description of duties which itself describe the responsibility tunnel safety auditing work.</p> <p>(c) Experience in similar capacity of Tunnel Safety Audits in design stage on tunnel projects (Road/Rail/Metro/Hydro Tunnel). Project no. 8, refer description of duties - it is stated 'reviewed design and drawings of safety layouts and hazardous classification of projects.</p> <p>(ix) Contract Specialist:- (a) Experience as Contract Expert or similar capacity in major roads/highway projects. Project no. 2, 4 and 8 also to be considered. The revised total no. of years would be 17 years.</p>	<p>project, these project may be verified as per circular NHIDCL/Consultancy/2018/09/1606 dated 02.08.2018.</p> <p>(viii) Tunnel Safety Expert:- (a) The claim is rejected as no such experience has been shown in project no. 2 which can clarify experience in tunnel safety work and this project does not involve any tunnel work.. Hence, no change in marks.</p> <p>(b) The claimed projects i.e. project no. 11, 14 and 15; have already been considered. Hence, no change in marks.</p> <p>(c) In claimed project no. 8, the designation of the key personnel is General Manager which was not considered as similar capacity. However, as the bidder has reclaimed the project and it was discussed with the authority. Therefore, this project is being considered and the marks are being revised accordingly.</p> <p>(ix) Contract Specialist:- (a) In the claimed project no. 2, 4 and 8 the key personnel has not worked in similar capacity therefore these projects were not considered. Hence, no change.</p>	

Sr. No.	Quarry	Reply by Bidder	Remarks of the Financial Consultant	Recommendation by ETEC Committee
		<p>(b) Experience of contract management of major roads/ Highway projects over Rs 500 crore including experience of handling variation orders, claims of the contractor.</p> <p>Kindly consider the project no. 3, 14, 15,20,23,24 as all the road projects includes contract management having project value exceeds 500 Cr. involving variation orders and claims.</p>	<p>(b) In project no. 3, 20 and 24 experience of handling variation orders, claims of the contractor, have not shown, therefore not considered.</p> <p>In Project no. 14, 15:-</p> <p>i). Name of the project is 'Independent consultancy'.</p> <p>ii). Nature of assignment has been defined as 'DPR'.</p> <p>iii). Project cost has been mentioned as 884.00 and 1015.00 respectively and</p> <p>iv). Experience of handling variation orders, claims of the contractor, have been shown.</p> <p>Due to the discrepancy in the name of project, nature of assignment and project cost these projects were not considered and for the same clarification was also sought but the bidder did not provided any clarification for the same. Hence, the claim is rejected.</p>	
		<p>(x) Instrumentation & Control (SCADA) Expert:-</p> <p>(a) Post graduate Engineering. Eligibility required by the client is Bachelors in IT/Computer Science and post graduate engineering. The candidate has pursued masters in science with information trade which is equivalent to master's post bachelor of IT.</p> <p>(b) Experience in at least 7 years experience in hardware configuration, system tuning, application development, documentation including operation and maintenance.</p>	<p>In project no. 23 project cost is less than 500 Cr. Therefore, the claim is rejected.</p> <p>(x) Instrumentation & Control (SCADA) Expert:-</p> <p>(a) The required qualification is post graduate in engineering while the key personnel has pursued M. Sc in IT trade which cannot be considered equivalent to engineering.</p> <p>Hence, the claim is rejected and no marks are being changed.</p> <p>(b) Marks under this criterion were given as 0 because experience in hardware configuration, system tuning,</p>	







Sr. No.	Quarry	Reply by Bidder	Remarks of the Financial Consultant	Recommendation by ETEC Committee
		Pr. No. 1, 3, 5,6,7,8,11,13,14 and 15 to be considered and revised count of years of experience would be 16 years. It is imperative to note that SCADA system includes Hardware configuration, system requirements, tuning, and application development.	application development, documentation including operation and maintenance was not separately mentioned but as the bidder has clarified that the SCADA system includes Hardware configuration, system requirements, tuning, and application development. Therefore, the claim is accepted and marks are being revised accordingly.	

4. In the meanwhile same complaint were received against followings firms.

- (i) M/s TPF Getinsa Euroestudios S.L. in association With M/s Rodic Consultants Pvt. Ltd.
- (ii) M/s Energy Infratech Pvt. Ltd. In association with M/s Meinhardt Singapore Pte. Ltd.
- (iii) M/s AYESA Ingenieria Y Arquitectura S.A.U. (Ayesa) In association with SA Infrastructure Consultants Pvt. Ltd.
- (iv) M/s Systra S.A. in association with M/s Pems Engineering Consultants Pvt. Ltd.

5. The complaints were examined by the CVO, NHIDCL and decision was taken to proceed as per the NHIDCL circular No.: NHIDCL/Consultancy/2018/09/1606 dated 02.08.2018, i.e. post award verification of the qualified projects, of most preferred consultancy firms and their key personnel to ascertain the correctness of the claims. Therefore, if any firms will be qualified as H-1 bidder the post award verification of the CVs will be carried out. Further CVO, cleared the evaluation process for finalisation of bidding process. The same complaint were also examined by Financial consultant and its report is placed at **Enclosure-I,II,III & IV.**

6. Considering representations of the bidders, their revised Technical Scores and Status are tabulated below:

Sr. No.	Name of Bidder	Technical Score uploaded vide Letter No. NHIDCL/Silkyara Tunnel/AE/2018 dated 08.03.2019.	Final Technical Score (After Representation)	Status
1	M/s TPF Getinsa Euroestudios S.L. in association With M/s Rodic Consultants Pvt. Ltd.	93.43	93.43	Responsive
2	M/s Energy Infratech Pvt. Ltd. In association with M/s Meinhardt Singapore Pte. Ltd.	77.88	83.66	Responsive
3	M/s AYESA Ingenieria Y Arquitectura S.A.U. (Ayesa) In association with SA Infrastructure Consultants Pvt. Ltd.	---	----	<p>(i) The bidder has not qualified the minimum experience in Project supervision/independent Engineer/Authority's Engineer of Tunnel Project of aggregate length equal to 3 times of length (i.e. 14.577 km) as per Clause 11 (A), Sr.No. 1(a) of Section 1 of RFP.</p> <p>(ii) The bidder has not qualified the prepared DPR/ Feasibility Study cum Preliminary Design Report for at least one project of similar category of Tunnel** work of 40% (i.e. 1.94 Km) of project length as per Clause 11 (A), Sr.No. 1(b) of Section 1 of RFP.</p> <p>(ii) Therefore, Non-responsive.</p>

7. The original bid validity date was 30.05.2019 and the bidders were requested to extend their respective bids vide Technical Division's letter dated 14.05.2019. Two bidders extended their bid validity viz. M/s TPF Getinsa Euroestudios S.L. in association With M/s Rodic Consultants Pvt. Ltd and M/s AYESA Ingenieria Y Arquitectura S.A.U. (Ayesa) in association with SA Infrastructure Consultants Pvt. Ltd. vide their letter dated 14.05.2019, 16.05.2019 respectively. Further, reminder was sent to the remaining two bidders viz. M/s Energy Infratech Pvt. Ltd. in association with M/s Meinhardt Singapore Pte. Ltd. and M/s Systra S.A. in association with M/s Pems Engineering Consultants Pvt Ltd vide Technical division letter dated 30.05.2019 in reply to this M/s Systra S.A. in association with M/s Pems Engineering Consultants Pvt. Ltd. has denied to extend the bid validity vide its letter dated 29.05.2019 and M/s Energy Infratech Pvt. Ltd. in association with M/s Meinhardt Singapore Pte. Ltd. has extended the bid validity vide its letter dated 13.06.2019. The status of revised bid validity of all firms is tabulated below:

Sr. No.	Firm Name	Revised bid Validity dated	Reference
1	M/s TPF Getinsa Euroestudios S.L. in association With M/s Rodic Consultants Pvt. Ltd.	30.07.2019	Extended Vide Letter dated 16.05.2019
2	M/s Energy Infratech Pvt. Ltd. In association with M/s Meinhardt Singapore Pte. Ltd.	30.07.2019	Extended vide letter dated 13.06.2019
3	M/s AYESA Ingenieria Y Arquitectura S.A.U. (Ayesa) In association with SA Infrastructure Consultants Pvt. Ltd.	30.07.2019	Extended Vide Letter dated 16.05.2019
4	M/s Systra S.A. in association with M/s Pems Engineering Consultants Pvt. Ltd.	Expired	Denied extending bid validity Vide Letter dated 29.05.2019

8. The final status with respective scores of bidders are tabulated below:


Sr. No	Firm Name	Technical Score	Status
1	M/s TPF Getinsa Euroestudios S.L. in association With M/s Rodic Consultants Pvt. Ltd.	93.43	Technically Responsive Eligible for opening of Financial Bid
2	M/s Energy Infratech Pvt. Ltd. In association with M/s Meinhardt Singapore Pte. Ltd.	83.66	Technically Responsive Eligible for opening of Financial Bid
3	M/s AYESA Ingenieria Y Arquitectura S.A.U. (Ayesa) In association with SA Infrastructure Consultants Pvt. Ltd.	-	Technically Non-Responsive


4	M/s Systra S.A. in association with M/s Pems Engineering Consultants Pvt. Ltd.	70.49	Technically Non-Responsive as the score is less than 75. In addition the consultant has not extended the bid validity.
5	M/s Beaver Infra Consultants Pvt. Ltd.	-	Technically Non-Responsive

9. In view of the above, the committee recommended for opening of financial bids of technically responsive bidder with their revised Technical Score to be uploaded on eprocure.gov.in and nhidcl.com as below giving 7 days of time after taking approval of Competent Authority.

Sr.No.	Firm Name	Technical Score
1	M/s TPF Getinsa Euroestudios S.L. in association With M/s Rodic Consultants Pvt. Ltd.	93.43
2	M/s Energy Infratech Pvt. Ltd. In association with M/s Meinhardt Singapore Pte. Ltd.	83.66


V.K.Singh
ED-IV, Chairman


Y.C.Srivastava , GM (T),
Member, Secretary


Ashok Kumar Singh
GM (T), Member


Kavita Vivek
Manager(Tech),
Member


Uttam Chatterjee
(DGM-Fin.), Member



RAJ HAR GOPAL & Co
CHARTERED ACCOUNTANTS

07.06.2019

To,
Mr. Y.C. Srivastava,
General Manager (Tech),
National Highway & Infrastructure
Development Corporation Ltd.
PTI Building, 3rd Floor, 4, Parliament Street
New Delhi- 110001

Sub: "Construction, Operation and Maintenance of 2-lane Bi-Directional Silkyara Bend –Barkot Tunnel with escape passage including approaches on Dharasu-Yamunotri section between Ch. 25.4 km and Ch. 51.0 km falling along NH-134 (old NH-94) in the State of Uttarakhand"

Dear Sir,

In continuation to our earlier report dated 26.02.2019, kindly find herewith the report regarding replies of clarifications made by bidders i.e. M/s TPF Getinsa Euroestudios S.L. in association With M/s Rodic Consultants Pvt. Ltd. (RODIC), M/s Energy Infratech Private Limited in association with Meinhardt Singapore PTE. Ltd., M/s AYESA Ingenieria Y Arquitectura S.A.U. (Ayesa) In association with SA Infrastructure Consultants Pvt. Ltd.

We have reviewed all the objections made by the bidders and marks have been revised, if the objections are found genuine. Reply of objections is enclosed as per following annexure:-

S. No.	Name of Bidder	Reply to the clarification made by the Bidder
1.	M/s TPF Getinsa Euroestudios S.L. in association With M/s Rodic Consultants Pvt. Ltd. (RODIC)	Annexure- "A"
2.	M/s Energy Infratech Private Limited in association with Meinhardt Singapore PTE. Ltd.	Annexure- "B"
3.	M/s AYESA Ingenieria Y Arquitectura S.A.U. (Ayesa) In association with SA Infrastructure Consultants Pvt. Ltd.	Annexure- "C"





RAJ HAR GOPAL & Co

CHARTERED ACCOUNTANTS

Accordingly based on the objections of the bidders, Recommendation / final summary of technical evaluation/ Scores are as below.

S. No.	Name of Bidder	Technical score		Rank of the Firm	Whether the applicant is Responsive or Non-Responsive
		Earlier Score	Revised Score		
1.	M/s TPF Getinsa Euroestudios S.L. in association With M/s Rodic Consultants Pvt. Ltd. (RODIC)	93.43	93.43	1	RESPONSIVE
2.	M/s Energy Infratech Private Limited in association with Meinhardt Singapore PTE. Ltd.	77.82	83.66	2	RESPONSIVE
3.	M/s AYESA Ingenieria Y Arquitectura S.A.U. (Ayesa) In association with SA Infrastructure Consultants Pvt. Ltd.	NON-RESPONSIVE*			
4.	M/s Systra S.A. in association with PEMS Engineering Consultants Pvt. Ltd.	70.49	70.49	NON-RESPONSIVE**	

Note:- *The firm is not fulfilling minimum eligibility criteria as per Clause 11(A) of Section-1 of RFP i.e. (i) The firm should have minimum experience of Project Supervision/Independent Engineer/ Authority's Engineer of Tunnel project of aggregate length equal to 3 times (14.577 Km) or more of similar category** for which RFP is invited and (ii) Firm should also have prepared DPR/Design/Feasibility Study/ for at least one project of similar category of Tunnel work of 40% (i.e. 1.94 km) of project length.

** (More than 3 CV i.e. (Resident cum Tunnel Excavation Expert, Tunnel Design Engineer, Tunnel Safety Expert, Sr. Geotechnical Expert, Sr. Geologist, Tunnel ventilation Cum E&M expert, Instrumentation & Control (SCADA) Expert) score less than 75% marks, therefore the proposal shall be considered Non – Responsive as per Clause 3.4 (iv) (f) of RFP. Hence bidder is considered non-responsive.)

In view of above it is recommended that the financial bids of the responsive applicants may be opened.

Please feel free to contact us in case you require any clarification.

We always look forward to work with NHIDCL and also assure you of our best services at all times.

Thanking You,

Yours Sincerely,

For Raj Har Gopal & Co

(Chartered Accountants)

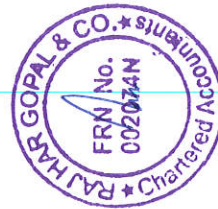


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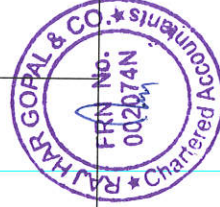
“Construction, Operation and Maintenance of 2-lane Bi-Directional Silkyara Bend –Barkot Tunnel with escape passage including approaches on Dharasu-Yamunotri section between Ch. 25.4 km and Ch. 51.0 km falling along NH-134 (old NH-94) in the State of Uttarakhand”

M/s TPF Getinsa Eurostudios S.L. in association With M/s Rodic Consultants Pvt. Ltd. (RODIC)

Sl. No	Key Position	Objection/Reply	Name of Key Personnel	Max Marks as per the Clause	As per applicant Claimed	Previous Marks	Final Marks	Remarks
Reply regarding the clarifications of mismatch of names of the key personnel								
1.	Tunnel Safety Expert	The key personnel has provided undertaking confirming that the name of the key personnel as mentioned in documents is correct i.e. Shamshe Ali and the name which has been shown on infracon profile i.e. Shamsha Ali , is a result of typographical error while creating his profile. For the same the key personnel has also requested to Infracon to change his name as written in his documents.	Mr. Shamshe Ali	100	-	91	91	The issue of mismatch of name of Mr. Shamshe Ali has been resolved as the key personnel did send a mail to the INFRACON team to correct his name from 'Shamsha Ali' to 'Shamshe Ali'. The same was confirmed on INFRACON that the name has been changed to Shamshe Ali . Hence, as the issue of mismatch of names has been resolved, the CV is being considered and 91 marks are being awarded to this CV.



2	Tunnel Design Engineer	The key personnel has provided undertaking confirming that the name of the key personnel as mentioned in documents is correct i.e. Don Jaime Otazua Font and the name which has been shown on infracon profile i.e. Jaime Otazua , is a result of typographical error while creating his profile. For the same the key personnel has also requested to INFRACON to change his name as written in his documents.	Mr. Jaime Otazua	100	-	94	94	The key personnel was asked to resolve the issue of mismatch of name in his CV and in qualification degree. In response on which the key personnel has provided an undertaking stating that name on his qualification degree is correct and for the same he has requested INFRACON Team to change his name on CV as Don Jaime Otazua Font . On the basis of that undertaking the CV of this key personnel is being considered and accordingly 94 marks are being awarded.
3.	Senior Geotechnical Engineer	The key personnel has provided undertaking confirming that the name of the key personnel as mentioned in documents is correct i.e. Constantinos Stergiopoulos and the name which has been shown on infracon profile i.e. Konstantinos Stergiopoulos , is a result of typographical error while creating his profile. For the same the key personnel has also requested to Infracon to change his name as written in his documents.	Mr. Konstantinos Stergiopoulos	100	-	90	90	The key personnel was asked to resolve the issue of mismatch of name in his CV and in qualification degree. In response on which the key personnel has provided an undertaking stating that name on his qualification degree is correct and for the same he has requested INFRACON Team to change his name on CV as Constantinos Stergiopoulos . Further, it was also found that the name on ID proof, i.e. Passport, of this key personnel is mentioned as Konstantinos Stergiopoulos which is also an contradiction to the undertaking provided by him for changing his name. When clarification was take from the bidder the key personnel said that due to different English Codes his name was printed as Konstantinos Stergiopoulos instead of Constantinos Stergiopoulos . The authority may consider this CV on the basis of the undertaking and required verification may be done as per NHIDCL circular No.: NHIDCL/Consultancy/2018/09/1606 dated 02.08.2018 for H1 bidder. However it is suggested that if this firm stands H1 necessary correction in passport as submitted by Mr. Konstantinos Stergiopoulos may be done before his actual deployment.



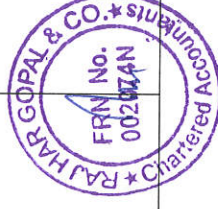
“Construction, Operation and Maintenance of 2-lane Bi-Directional Silkyara Bend –Barkot Tunnel with escape passage including approaches on Dharasu-Yamunotri section between Ch. 25.4 km and Ch. 51.0 km falling along NH-134 (old NH-94) in the State of Uttarakhand ”

M/s Energy Infratech Private Limited in association with Meinhardt Singapore PTE. Ltd.

Sl. No	Key Position	Objection	Name of Key Personnel	Max Marks as per the Clause	As per applicant	Marks assigned	Final Marks	Remarks
Query on Evaluation Criteria for Firm's Relevant Experience for the assignment								
1	-	We hereby confirm that EIPL has an Experience in Construction supervision/Independent Engineer/Authority Engineer of a tunnel project during the last 7 years of minimum length equal to or more than 8.6 Km twin tunnel i.e. 8.6+8.6 =17.2 Km.	-	16	16	15	15	As per RFP clause 2.1 of Detailed evaluation criteria of RFP i.e. “Experience in construction supervision/Independent Engineer/Authority's Engineer of a tunnel project during the last 7 years of minimum length equal to or more than 1.94 km in a single stretch “, it can be easily concluded that we need single tunnel of length more than 1.94 Km and as per the experience certificate claimed it is clearly mentioned that work of two tunnels each of 8.6 Km single stretch has been done. Therefore, as per RFP criterion single tunnel of length 8.6 km has been considered for evaluation. Hence, the claim is rejected and marks are not being revised under this criterion.

Reply regarding the clarifications of mismatch of names of the key personnel

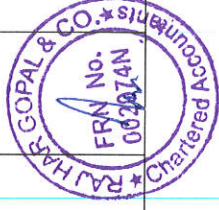
1	Tunnel Safety Expert	As per technical result name of the tunnel safety Expert is mentioned is mentioned in Infracon ID as Janardhanam Varatharajan while in relevant document i.e. Pan Card, B. tech is Janardhanam V. We hereby confirm that full name of key professional is	Mr. Janardhanam Varatharajan	100	-	-	-	The key personnel have provided an undertaking clarifying the issue of mismatch of name in his documents and INFRACON Profile. Hence, on the basis of that undertaking, CV of the key personnel is being considered and 79.5 marks have been allotted accordingly.
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	Janardhanam Varatharajan.									
Query on Evaluation Criteria for assessment of score of Key Staff for adequacy of the Assignment										
1.	E & M Expert	As per marks evaluation sheet, certificate of automobile engineering of E & M expert is not considered. Zero mark is allotted to key personnel as it does not fulfil minimum eligibility criteria in qualification. E & M Expert as completed Bachelor of Engineering in Automobile Engineering from Kharkov state of Automobile – Highway technical university in 1996 and master of engineering in 1997 from same university. Automobile Engineering is an important branch of Mechanical Engineering. We strongly feel that Automobile Engineering should be considered as equivalent to Mechanical Engineering. He has more than 20 years of experience in similar projects. He has very good experience of tunnel ventilation system and Electro- Mechanical works from concept to commissioning, verification of design and specifications, equipment selection. Estimating plant room sizes for TVS/ ECS equipment, shaft sizes. Keeping in view the experience of the key personnel and equivalent qualification, we request to re-evaluate the marking of E&M Expert.	Mr. Neeraj Sahu	20	20	0	0	0	According to the RFP criterion, we need graduation in Electrical/Mechanical Engineering and the qualification of the key personnel is graduation in Automobile Engineering which is not as per the requirement of the RFP criterion. Therefore, no marks are being awarded and as per clause 3.4(iv)(f) of Technical proposal of Section-2 of RFP zero marks are being awarded.	



2.	Sr. Geotechnical Expert	Marks for Employment with the Firm have not been given.	Mr. Rocky Tay	5	5	0	0	<p>Mr. Rocky Tay is currently employed with M/s Meinhardt Infrastructure & Envirovement Ltd. and no proofs were provided that M/s Meinhardt Singapore PTE. Ltd. has any relation with M/s Meinhardt Infrastructure & Envirovement Ltd. and therefore no marks were awarded.</p> <p>Now, the bidder has provided clarification stating that Meinhardt Group International Limited is the parent company of M/s Meinhardt Singapore PTE. Ltd. and; M/s Meinhardt Infrastructure & Envirovement Ltd. is their fully owned subsidiary.</p> <p>As per the clarification provided by the bidder regarding the employment of the key personnel with the firm it can be concluded that the key personnel is currently employed in the sister company of the bidder and the experience of the sister company cannot be considered for evaluation.</p> <p>Therefore, the marks for employment are not given.</p>
		<p>1.II) Post Graduate in Rock Mechanics /Foundation Engineering/ Tunnel Engineering.</p> <p>Post graduation in civil and structure engineering is equivalent degree i.e. foundation and tunnel. So we request you to please consider the same and allot the marks.</p> <p>a (ii) Experience in Construction/ Construction Supervision of major tunnel projects (Road/Rail/Metro/Hydro Tunnel) in developed and Middle East countries.</p> <p>We request you to please consider the pr. No. 7, 10 and 25 for design and supervision in reference to the duties description and title of the</p>		5	5	0	0	<p>According to the Clause no. 2.2.5 (I) of the Detailed Evaluation Criteria (Appendix O) of RFP document, we need post graduation in Rock Mechanics /Foundation Engineering/ Tunnel Engineering and the qualification of the key personnel is post graduation in civil and structure engineering which is not as per the requirement in the RFP criterion.</p> <p>Therefore, no marks have been awarded.</p>
				15	12	0	11	<p>In project no. 7 and 10 nature of assignment has been given as DPR and according to criterion we need construction supervision projects therefore these projects were not considered. Now, the bidder has claimed that the key personnel has experience of both DPR and Construction Supervision in these projects as mentioned in the section "description of duties" and now these projects are being considered based on submitted clarification. It is also being suggested that if the bidder is</p>



3.	Senior Geologist	The bidder has provided clarification mentioning that the key personnel has worked with M/s Energy Infratech Private Limited from Sept. 2006 to Nov 2012 and continue from August 2017 to till date.	Mr. Pankaj Punetha	5	5	2	2	We will like to bring to knowledge of the bidder that only experience of present employment with the firm has been considered under this criterion. Hence, the claim is rejected and no change in awarded marks is being done.
4.	Team Leader Cum Senior Tunnel Expert	<p>1. Candidate has done post graduation in Environmental Geology. The degree is relevant and brings added advantage as the Team leader cum Sr. Tunnel expert should be versed with tunnelling works. Request for marking allocation basis the post graduation qualification.</p> <p>2. The key personnel has claimed project no. 1, 5, 7,8,10 and 12 under the criterion "Experience in major tunnel construction/construction supervision projects (Road/Rail/Metro/Hydro Tunnel) in Developed countries and Middle East Countries." Claiming that the project no. 10 and 12 covers DPR as well as construction supervision works. The key personnel has clarified that there is only one option to be chosen for nature of assignment and therefore was not able to submit both works i.e. DPR and construction supervision for same project.</p>	Mr. Nikolaos Kostopoulous	5	5	0	0	Marks for Post Graduation were not allotted because the specialization of post graduation is different from those mentioned in RFP criterion i.e. Environmental Geology and as per RFP we need Post-Graduate or chartered engineer in civil/Mining Engineering or equivalent. Hence, the claim is rejected and no change in awarded marks is being done.
				10	10	0	10	Out of the claimed projects, project no. 1, 5, 7 and 8 has already been considered. Project no 10 and 12 were not considered as the nature of assignment was given as DPR whereas we need construction Supervision work under this criterion. Now, the bidder has claimed that the key personnel has experience of both DPR and Construction Supervision in these projects as mentioned in the section "description of duties" and now these projects are being considered based on submitted clarification.. Therefore marks are being changed accordingly. It is also being suggested that if the bidder is awarded the project, these project may be verified as per circular NHIDCL/Consultancy/2018/09/1606 dated 02.08.2018.



		<p>3. The key personnel have claimed project no. 1, 12 under the criterion "Experience as Team Leader or similar capacity in construction supervision of tunnels (Road/Rail/Metro/Hydro Tunnel) of length 1.94 km or more", claiming that in project no. 1 the key personnel was discharging duties at a level one below the project manager in Greece. The same may be considered equivalent in capacity to RE in the Indian Project Scenario.</p> <p>And for project no. 12- The project covers DPR as well as construction supervision works. The same may be verified from the project title as well as the description of duties. Under the nature of assignment section both could not be captures due to limitations of software, allowing for only one choice selection.</p>			20	20	18.75	20	<p>Project no. 1 was not considered as the key personnel have not worked under similar capacity and Project 12 was not considered as the nature of assignment was given as DPR whereas we need construction Supervision work under this criterion. Now, the bidder has claimed that the key personnel has experience of both DPR and Construction Supervision in this project as mentioned in the section "description of duties" and now project no. 12 is being considered based on submitted clarification. Therefore marks are being changed accordingly. It is also being suggested that if the bidder is awarded the project, these project may be verified as per circular NHIDCL/Consultancy/2018/09/1606 dated 02.08.2018.</p>
5.	Resident Engineer cum Excavation Specialist	<p>Total Experience in supervision of major Tunnel Projects (Road/Rail/Metro/Hydro Tunnel)- 18.1 years</p> <p>Experience as Tunnel Excavation Expert or similar capacity in tunnel design/ DPR/ preparation / feasibility study/design review involving major tunnel projects (Road/Rail/Metro/Hydro Tunnel) (minimum 1 year experience in a project)</p> <p>We consider you to please</p>	Mr. Rayees Ahmed	15	15	15	13	15	<p>The bidder has claimed 15 marks on the basis of 18.1 years of experience for project no. 2, 4, 6,7,10 and 11. These projects have already been considered but inadvertently marks were not allotted accordingly. Hence, the claim of the bidder is being accepted and marks are being revised accordingly.</p> <p>The bidder has claimed project no. project no. 6 and 10 under this criterion these projects were not considered as nature of assignment was given as Supervision (PPP). However, 'design review' has been mentioned under the head 'Description of Duties' of project no. 6. In project no. 10, work of tunnel design/ DPR/ preparation / feasibility study/design review is</p>



		consider project no. 6 for design and design review works. And project no. 10 to be considered for DPR and construction Supervision project in reference to the title and description of duties.							not mentioned in 'Description of Duties' therefore it is not being considered. Hence, the marks are being revised accordingly. It is also being suggested that if the bidder is awarded the project, these project may be verified as per circular NHIDCL/Consultancy/2018/09/1606 dated 02.08.2018.
6.	Tunnel Design Engineer	b(ii) Experience in similar capacity in Project Preparation/DPR involving design of tunnels (Road/Rail/Metro/Hydro Tunnel) of more than 1.94 km length (Min. 1 year experience in a project) Kindly consider project no. 1, 3, 13, 15 including 4, 6, 8, 11. The project covers DPR as well as construction Supervision works. The same may be verified from the project title as well as the description of duties. Under the nature of assignment section both could not be captured due to limitations of software, allowing for only one choice selection.	Mr. Hussein Ahmed Faizi	15	15	12	14	In project no. 1 designation of Project engineer has not been considered in similar capacity. In project no. 3 the designation of the key personnel has not been reflected in the project sheet. Therefore in project no. 1 and 3 the key personnel did not work under similar capacity hence not considered. Project no. 13 and 15 were not considered as nature of assignment for these projects is mentioned as 'Supervision (EPC) whereas we need DPR project under this criterion. Now, the bidder has claimed that the key personnel has experience of both DPR and Construction Supervision in these projects as mentioned in the section "description of duties" and now these projects are being considered. Therefore marks are being changed accordingly. It is also being suggested that if the bidder is awarded the project, these project may be verified as per circular NHIDCL/Consultancy/2018/09/1606 dated 02.08.2018.	
		C (i) Experience in innovation design tunnel (Road/Rail/Metro/Hydro Tunnel) like immersed tunnel and sub-sea bored tunnel Consider project no. 9- the project is development on 7 artificial islands having bridges, tunnels and transportation links and building interfaces.		5	5	0	5	Project no. 9 and 15 were not considered as experience in innovation tunnel design (Road/Rail/Metro/Hydro Tunnel) like immersed tunnel and sub-sea bored tunnel is not shown in the INFRACON sheets of these projects, however the bidder has submitted clarification for the same and on the basis of the submitted clarification the claim is accepted and change in marks is being done It is also being suggested	



									that if the bidder is awarded the project, these project may be verified as per circular NHIDCL/Consultancy/2018/09/1606 dated 02.08.2018.
7.	Tunnel Safety Expert	<p>Consider project no. 15- design and supervision of innovative dual track high speed railway tunnel connecting the cities.</p> <p>a (iii) International exposure in tunnel safety works in developed countries and Middle East Countries Kindly consider project no. 2 including pr. No. 3, 4, and 5. Total no. of years is 11 years. As the project Heritage View condominium at Dower road and the project central grove condominium project at Sim ave includes work related to safety of tunnel.</p> <p>b (i) Experience in similar capacity of Tunnel Safety Audits during construction stage of tunnel projects (Road/Rail/Metro/Hydro Tunnel) of minimum length of 1.94 Km</p> <p>Pr. No. 11, 14, 15 .We request you to please consider the above with reference to the description of duties which itself describe the responsibility tunnel safety auditing work.</p> <p>b(ii) Experience in similar capacity of Tunnel Safety Audits in design stage on tunnel projects (Road/Rail/Metro/Hydro Tunnel).</p> <p>Project no. 8, refer description of duties - it is stated 'reviewed design and drawings of safety layouts and hazardous classification of projects.</p>	Mr. Janardhanam varatharajan	10	10	7	7	<p>The claim is rejected as no such experience has been shown in project no. 2 which can clarify experience in tunnel safety work and this project does not involve any tunnel work. Hence, no change in marks.</p> <p>The claimed projects i.e. project no. 11, 14 and 15; have already been considered. Hence, no change in marks.</p> <p>In claimed project no. 8, the designation of the key personnel is General Manager which was not considered as similar capacity. However, the bidder has reclaimed the same project and on the basis of the clarification provided, this project is being considered and the marks are being revised accordingly. It is also being suggested that if the bidder is awarded the project, these project may be verified as per circular NHIDCL/Consultancy/2018/09/1606 dated 02.08.2018.</p>	



8.	<p>Contract Specialist</p> <p>b(i) Experience as Contract Expert or similar capacity in major roads/ highway projects.</p> <p>Project no. 2, 4 and 8 also to be considered. The revised total no. of years would be 17 years.</p>	Mr. Sanjeev Kumar Agarwal	15	15	14	14	<p>In the claimed project no. 2, 4 and 8 the key personnel has not worked in similar capacity therefore these projects were not considered. Hence, no change.</p>
	<p>c(i) Experience of contract management of major roads/ Highway projects over Rs 500 crore including experience of handling variation orders, claims of the contractor.</p> <p>Kindly consider the project no. 3, 14, 15,20,23,24 as all the road projects includes contract management having project value exceeds 500 Cr. involving variation orders and claims.</p>		15	15	0	0	<p>In project no. 3, 20 and 24 experience of handling variation orders, claims of the contractor, have not shown, therefore not considered.</p> <p>In Project no. 14, 15:-</p> <p>i). Name of the project is 'Independent consultancy'.</p> <p>ii). Nature of assignment has been defined as 'DPR'.</p> <p>iii). Project cost has been mentioned as 884.00 and 1015.00 respectively and</p> <p>iv). Experience of handling variation orders, claims of the contractor, have been shown.</p> <p>Due to the discrepancy in the name of project, nature of assignment and project cost these projects were not considered and for the same clarification was also sought but the bidder did not provided any clarification for the same. Hence, the claim is rejected.</p> <p>In project no. 23 project cost is less than 500 Cr.</p> <p>Therefore, the claim is rejected.</p>
9.	<p>Instrumentation & Control (SCADA) Expert</p> <p>1. II) Post graduate Engineering.</p> <p>Eligibility required by the client is Bachelors in IT/Computer Science and post graduate engineering.</p> <p>The candidate has pursued masters in science with information trade which is equivalent to master's post bachelor of IT.</p>	Mr. Karamvir Singh	5	5	0	0	<p>The required qualification is post graduate in engineering while the key personnel has pursued M. Sc in IT trade which cannot be considered equivalent to engineering.</p> <p>Hence, the claim is rejected and no marks are being changed.</p>



		<p>a. (iii) Experience in at least 7 years experience in hardware configuration, system tuning, application development, documentation including operation and maintenance.</p> <p>Pr. No. 1, 3, 5,6,7,8,11,13,14 and 15 to be considered and revised count of years of experience would be 16 years. It is imperative to note that SCADA system includes Hardware configuration, system requirements, tuning, and application development.</p>		15	15	0	15	<p>Marks under this criterion were given as 0 because experience in hardware configuration, system tuning, application development, documentation including operation and maintenance was not separately mentioned but as the bidder has clarified that the SCADA system includes Hardware configuration, system requirements, tuning, and application development.</p> <p>Therefore, the claim is accepted and marks are being revised accordingly.</p>
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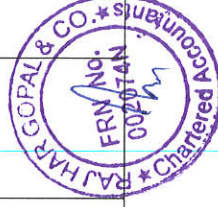
“Authority’s Engineer for Supervision of Construction of Stand-alone Ring Road / Bypass around Jammu City in the state of J&K (4 Lane, Length-58.2Km) on Engineering Procurement and Construction (EPC) Basis.”

M/s AYESA Ingenieria Y Arquitectura S.A.U. (Ayesa) in association with SA Infrastructure Consultants Pvt. Ltd.

Sl. No	Key Position	Objection	Name of Key Personnel	Max Marks as per the Clause	As per applicant	Marks assigned	Final Marks	Remarks
Query on Evaluation Criteria for Firm’s Relevant Experience for the assignment								
1.	-	<p>The firm should have minimum experience of Project Supervision/Independent Engineer/ Authority’s Engineer of Tunnel project of aggregate length equal to 3 times (14.577 Km) or more of similar category** for which RFP is invited.</p> <p>The bidder has claimed the following project under this criterion:-</p> <p>A. Project Management for the extension of FGC to Terrassa, Infrastructure, Superstructure of track and catenary. Stretch Terrassa-Rambla Tunnel /Can Roca and transfer stations RENFE CAN ROCA. (Pg. No. 252).-</p> <p>B. Project Management Consultancy and Technical Assistance in the Operation of Metro Panama Line 1a€ , Panama Metro, Contract No. SMP-31-2010 (Pg No. 260)</p> <p>C. Technical Assistance and</p>	-	-	-	-	-	<p>The bidder has claimed the following project under this criterion:-</p> <p>A. Project on page no. 252 of bid document- This project is not uploaded on Infracon and as per clause 7.1 of section 1 of RFP, the data uploaded on Infracon has only been evaluated. Hence, this project is not considered for evaluation.</p> <p>B. Project on page no. 260 which is uploaded on Infracon as project no. 28 has already been considered under this criterion.</p> <p>C. As per the certificate uploaded on infracon portal for this project, the length of the tunnel work was not mentioned and therefore it was not considered for evaluation. Now, the bidder has claimed the same project on the basis of a supplementary certificate attached in bid document from page no. 277 to 286, which was not uploaded by the bidder on INFRACON at the time of bidding. In this supplementary certificate (translated), length of the tunnel work has been mentioned as 10.5 Km but it is also mentioned that the tunnel work is under construction on the date of issuance of the certificate. As per the requirement of RFP the work has to be substantially completed within last seven years whereas the certificate does not reveal whether</p>



						<p>Project Management Contract for the Construction of the Detailed Design of Lines 1 & Line 2 of Malaga Metro, Spain (Pg No. 279).</p> <p>D. Project Management Consultancy & Assistance for Coordination and Support of the specialized consultancy services of the platform works for the High Speed Line Bobadilla-Granada/Spain. (Pg No. 291-292).</p>	<p>the work of construction supervision has been completed within 7 years.</p> <p>Secondly, as the document provided the construction work is still under progress and therefore this experience cannot be considered for DPR or Construction Supervision.</p> <p>D. Tunnel work has been completed as mentioned in the certificate dated 30.09.2012 but the completion date of tunnel work is not mentioned in the certificate which may fall prior to last 7 years from the bid due date 31.01.2012. Hence, the claim cannot be considered for evaluation.</p>
						<p>The bidder has claimed the following projects under the criterion i.e. Firm should also have prepared DPR/Design/Feasibility Study/ for at least one project of similar category of Tunnel work of 40% (i.e. 1.94 km) of project length :-</p> <p>(A) Detailed Design and Supervision for Construction of Road Bed including two tunnels of 0.94km long (chainages 18.660-19.600 km) and 6.62km long (chainage 23.370-29.990 km) Obulavaripalle Venkatachalam New Railway Line on south Central Railway in Kadapaf Nellore district, in the state of Andhra Pradesh (INDIA) (Pg NO. 309)(Pr. No. 27).</p> <p>(B) Detailed Design of the Victoria-Bilbao-San Sebastian High-speed railway Platform, Stretch: Mondragon-Bergara (P028/09) (Pg.No 322)</p>	<p>(A) In the Certificate dated 18.03.2013, uploaded on INFRACON have following deficiency:-</p> <ol style="list-style-type: none"> 1. In the certificate it is mentioned that the design work has been completed and construction work is under progress. From this information it cannot be concluded that the design phase was completed within last 7 years from bid due date i.e. 31.01.2012. 2. The bidder has also submitted a supplementary document i.e. certificate dated 28.08.2018 in the bid document for the same project. In this certificate also it is mentioned that design work has been completed and construction work is under process. This data does not provide any clear information for completion of design work after 31.01.2012. Therefore, rejected. <p>(B) Project on page no. 322 of bid document- This project is not uploaded on Infracon and as per clause 7.1 of section 1 of RFP, the data uploaded on Infracon has only been evaluated. Hence, this project is not considered for evaluation.</p> <p>(C) Project on page no. 330 of bid document- This project is not uploaded on Infracon and as per clause 7.1 of section 1 of RFP, the data uploaded</p>



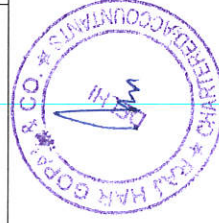
Name of the Project		
"Construction, Operation and Maintenance of 2-lane Bi-Directional Silkyara Bend –Barkot Tunnel with escape passage including approaches on Dharasu-Yamunotri section between Ch. 25.4 km and Ch. 51.0 km falling along NH-134 (old NH-94) in the State of Uttarakhand"		
List of the Applicants:-		
Applicant No:-	Name of the Applicant	Status of the Applicant Sole/JV/ Association
1/4	M/s Systra S.A. in association with PEMS Engineering Consultants Pvt. Ltd.	Association
2/4	M/s AYESA Ingenieria Y Arquitectura S.A.U. (Ayesa) In association with SA Infrastructure Consultants Pvt. Ltd.	Association
3/4	M/s TPF Getinsa Euroestudios S.L. in association With M/s Rodic Consultants Pvt. Ltd. (RODIC)	Association
4/4	M/s Energy Infratech Private Limited in association with Meinhardt Singapore PTE. Ltd.	Association



"Construction, Operation and Maintenance of 2-lane Bi-Directional Silkyara Bend –Barkot Tunnel with escape passage including approaches on Dharasu-Yamunotri section between Ch. 25.4 km and Ch. 51.0 km falling along NH-134 (old NH-94) in the State of Uttarakhand"

MINIMUM ELIGIBILITY CRITERIA As per 11(A) of RFP

S.No.	Name of the Applicants	Preparation of DPR (NH/SH/Equivalent)	Project Supervision/IC (NH/SH/Equivalent)			Annual Turnover	whether the Applicant is Technical "Responsive" or "Non-Responsive".
			The firm should have minimum experience of Project Supervision/Independent Engineer/ Authority's Engineer of Tunnel project of aggregate length equal to 3 times (14.577 Km) or more of similar category** for which RFP is invited.	Firm should also have prepared DPR/Design/Feasibility Study/ for at least one project of similar category of Tunnel work of 40% (i.e. 1.94 km) of project length.	Firm should also have experience of Project Supervision/Independent Engineer/Authority Engineer of at least one project of similar category of Tunnel work of 40% (i.e. 1.94 km) of project length.		
1/4	M/s Systra S.A. in association with PEMS Engineering Consultants Pvt. Ltd.	YES	YES	YES	YES	YES	Responsive
2/4	M/s AYESA Ingenieria Y Arquitectura S.A.U. (Ayesa) In association with SA Infrastructure Consultants Pvt. Ltd.	YES	NO	NO	YES	YES	Non-Responsive
3/4	M/s TPF Getinsa Euroestudios S.L. in association With M/s Rodic Consultants Pvt. Ltd. (RODIC)	YES	YES	YES	YES	YES	Responsive
4/4	M/s Energy Infratech Private Limited in association with Meinhardt Singapore PTE. Ltd.	YES	YES	YES	YES	YES	Responsive



Name of the Project									
“Construction, Operation and Maintenance of 2-lane Bi-Directional Silkyara Bend –Barkot Tunnel with escape passage including approaches on Dharasu-Yamunotri section between Ch. 25.4 km and Ch. 51.0 km falling along NH-134 (old NH-94) in the State of Uttarakhand”									
Average annual turnover from consultancy services after following enhancement factor									
Year of Completion of Services/turnover									
Financial Year in which RFP invited (2017-18)		1							
One Year Prior to RFP (2016-17)		1.1							
Two Year Prior to RFP (2015-16)		1.21							
Three Year Prior to RFP (2014-15)		1.33							
S.No.	Name of Consultancy Firm/Entity (Sole Bidder/Bidder in JV)	Average annual turnover from consultancy services after following enhancement factor					Annual Average Turnover in Last 3 years 2015-16 to 2017-18	Eligibility (Crore)	marks obtained out of maximum marks 2
		2017-18			2016-17				
		1.1	1.21	1.33	Assesed				
1/4	M/s Sysstra S.A. in association with PEMS Engineering Consultants Pvt. Ltd.	3091.55	3400.71	3247.25	3929.17	3160.78	4203.83	Yes	2
2/4	M/s AYESA Ingenieria Y Arquitectura S.A.U. (Ayesa) In association with SA Infrastructure Consultants Pvt. Ltd.	617.01	678.72	590.74	714.79	457.81	608.89	Yes	2
3/4	M/s TPF Getinsa Euroestudios S.L. in association With M/s Rodic Consultants Pvt. Ltd. (RODIC)	0.00	0.00	270.29	327.05	298.26	396.69	Yes	2
4/4	M/s Energy Infratech Private Limited in association with Meinhardt Singapore PTE. Ltd.	31.43	34.57	45.57	55.14	33.81	44.97	Yes	2



"Construction, Operation and Maintenance of 2-lane Bi-Directional Silkyara Bend –Barkot Tunnel with escape passage including approaches on Dharasu-Yamunotri section between Ch. 25.4 km and Ch. 51.0 km falling along NH-134 (old NH-94) in the State of Uttarakhand"

FIRMS RELEVANT EXPERIENCE FOR THE ASSIGNMENT

ANNEXURE-III

S.N o.	Applicant No.	Description	Max Marks	1/4		2/4		3/4		4/4		Project considered
				Assesed	Remarks	Assesed	Remarks	Assesed	Remarks	Assesed	Remarks	
1		Year of establishment of the firm (in case of JV, year of establishment of lead member shall be considered). Up to 5 years: 1.5 marks More than 5 years: 2 marks Average Annual Turnover (last 5 years or in each of the preceding two years) from consultancy business	2	2				2				M/s Energy Infratech Private Limited in association with Mainhardt Singapore PTE. Ltd.
				1.5				1.5				
				0.5				0.5				
				2				2				
				1.5				1.5				
2		< Rs 22.39 crore: 0 marks Rs 22.39 crore: 1.5 Add for additional turnover 0.25 (zero point two five) mark for every Rs 11.19 crore above Rs 22.39 crore subject to maximum 0.5 marks.	0	1.5				1.5				M/s TPF Getalsa Eurostudios S.L. in association With M/s Rodic Consultants Pvt. Ltd. (RODIC)
				0.5				0.5				
				16				16				
				1.5				1.5				
				0.5				0.5				
3		Experience in construction supervision/independent Engineer/Authority's Engineer of a tunnel** project during the last 7 years of minimum length equal to or more than 1.94 km in a single stretch (i) 1.94 km = 0 (ii) ≥1.94 Km to 4.00 Km = 12 (iii) ≥4.00 to 6.00 Km = 13 (iv) ≥6.00 to 8.00 Km = 14 (v) ≥8.00 and equal to 10.00 Km = 15 (vi) >10 and above = 16	16	16				16				Non-Responsive
				1.5				1.5				
				0.5				0.5				
				16				16				
				1.5				1.5				
4		Experience in DPR preparation/Design/Feasibility Study of tunnel projects** of length equal to or more than 1.94 km in a single stretch in last 7 years. 1 project: 4 marks Add 0.5 (zero point two five) marks extra for each additional project subject to maximum 1 mark.	5	4.5				4.5				Pr. No. 1 (28300 m)
				4				4				
				5				5				
				16				16				
				1.5				1.5				
Total			25.00	24.50				24.50				Pr. No. 5 (8600 m)
				4				4				
				5				5				
				16				16				
				1.5				1.5				
Total			25.00	24.50				24.50				Pr. No. 1,2,3,6
				4				4				
				5				5				
				16				16				
				1.5				1.5				

Note:- In case of JV the turnover and experience details of Lead and JV partners will be added for evaluation. Credentials of associate firm, except key personnel.

Note 2: Employer's certificate should be submitted substantiating the experience claimed by the firm.

**Tunnel Works for road/rail/metro/Hydro Tunnel will be considered as applicable for the project for which the RFP is invited.



Name of the Project							
"Construction, Operation and Maintenance of 2-lane Bi-Directional Silkyara Bend –Barkot Tunnel with escape passage including approaches on Dharasu-Yamunotri section between Ch. 25.4 km and Ch. 51.0 km falling along NH-134 (old NH-94) in the State of Uttarakhand"							
Final Comparative Technical Evaluation Score.							
S. No.	Name of Bidder	Relevant Experience for the assignment		Qualifications and competence of the key staff for the assignment		Total	Rank of the Firm
		Assessed	25	Assessed	75		
		Maximum marks				Assessed	
1/4	M/s Sysstra S.A. in association with PEMS Engineering Consultants Pvt. Ltd.	24.50		45.99		70.49	3
2/4	M/s AYESA Ingenieria Y Arquitectura S.A.U. (Ayesa) In association with SA Infrastructure Consultants Pvt. Ltd.	Non-Responsive					
3/4	M/s TPF Getinsa Euroestudios S.L. in association With M/s Rodic Consultants Pvt. Ltd. (RODIC)	24.50		68.93		93.43	1
4/4	M/s Energy Infratech Private Limited in association with Meinhardt Singapore PTE. Ltd.	24.00		59.66		83.66	2
Note **(More than 3 CV i.e. (Resident cum Tunnel Excavation Expert, Tunnel Design Engineer,Tunnel Safety Expert,Sr. Geotechnical Expert, Sr. Geologist, Tunnel ventilation Cum E&M expert, Instrumentation & Control (SCADA) Expert) scores less than 75% marks, therefore the proposal shall be considered Non – Responsive as per Clause 3.4 (iv) (f) of RFP. Hence bidder has considered non-responsive.)							

Non-Responsive**

Summary Sheet of CV's			
S. No.	Details	Total Marks	
1	Team Leader cum Senior Tunnel Expert	15	
2	Resident cum Tunnel Excavation Expert	10	
3	Tunnel Design Engineer	10	
4	Tunnel Safety Expert	8	
5	Senior Geotechnical Expert	10	
6	Senior Geologist	7	
7	Tunnel ventilation Cum E&M expert	7	
8	Contract Specialist	3	
9	Instrumentation & Control (SCADA) Expert	5	
		75	

1/4			2/4			3/4			4/4		
M/s Systra S.A. in association with PEMS Engineering Consultants Pvt. Ltd.			M/s AYESA Ingenieria Y Arquitectura S.A.U. (Ayesa) In association with SA Infrastructure Consultants Pvt. Ltd.			M/s TPF Getinsa Eurostudios S.L. in association With M/s Rodic Consultants Pvt. Ltd. (RODIC)			M/s Energy Infratech Private Limited in association with Meinhardt Singapore PTE. Ltd.		
Name	Score	Assesed @75	Name	Score	Assesed @75	Name	Score	Assesed @75	Name	Score	Assesed @75
Mr. Apostolos Dimos	93	13.95	Non-Responsive			Mr. Nikolaos Vittis	90	13.5	Mr. Nikolaos Kostopoulos	90	13.5
Mr. Sindhu Mishra	0	0				Mr. Lalit Kumar Verma	90	9	Mr. Rayees Ahmed	80	8
Mr. Nishith Gupta	69	6.9				Mr. Jaime Qzaua	94	9.4	Mr. Hussein Ahmed Faizi	89	8.9
Mr. Turki Mohammad Said	62.5	5				Mr. Shamsha Ali	91	7.28	Mr. Janardhanamvarat harajan	87.5	7
Mr. Christos Gioldasis	45	4.5				Mr. Konstantinos Stergiopoulos	90	9	Mr. Rocky Tay	86	8.6
Mr. Jang Bahadur Choudhary	74	5.18				Mr. Sarvesh Misra	95	6.65	Mr. Pankaj Punetha	97	6.79
Mr. Dilgeer Singh	80	5.6				Mr. Rajnish Kumar Sharma	95	6.65	Mr. Neeraj Sahu	0	0
Mr. Sanjeev Kumar Bhatnagar	87	2.61				Mr. India Hema Chandrudu	90	2.7	Mr. Sanjeev Kumar Agarwal	79	2.37
Mr. Sumanto Dutta	45	2.25				Mr. Anurag Swain	95	4.75	Mr. Karamvir Singh	90	4.5
		45.99			0.00			68.93			59.66
1	Team Leader cum Senior Tunnel Expert	15									
2	Resident cum Tunnel Excavation Expert	10									
3	Tunnel Design Engineer	10									
4	Tunnel Safety Expert	8									
5	Senior Geotechnical Expert	10									
6	Senior Geologist	7									
7	Tunnel ventilation Cum E&M expert	7									
8	Contract Specialist	3									
9	Instrumentation & Control (SCADA) Expert	5									
		75									



Team Leader cum Senior Tunnel Expert					
S. No.	Applicant No.	Max Marks	1/4	3/4	4/4
Name of the Applicant			M/s Systra S.A. in association with PEMS Engineering Consultants Pvt. Ltd.	M/s TPF Getinsa Euroestudios S.L. in association With M/s Rodic Consultants Pvt. Ltd. (RODIC)	M/s Energy infratech Private Limited in association with Meinhardt Singapore PTE. Ltd.
Name of Key Personnel			Mr. Apostolos Dimos	Mr. Nikolaos Vittis	Mr. Nikolaos Kostopoulos
Date of Birth of KP's			21649	21499	26/03/1958
Description			Assessed	Assessed	Assessed
1	General Qualification	25	20	20	20
i)	Graduate in Civil/Mining Engineering or equivalent	20	20	20	20
ii)	Post-Graduate or chartered engineer in civil/Mining Engineering or equivalent	5	0	0	0
Note:-				-	Post Graduation marks not allotted because different specialization i.e. Environmental Geology
2	Adequacy for the Project	75			
Total Professional Experience			7	7	7
<25 years - 0 marks					
a i)	25 years - 5 marks		5	5	5
Add 1 mark extra for each additional year of experience subject to maximum 2 (two) marks.			2	2	2
Note:-			Project no. 1 to 12 considered i.e. 30 Years 5 months	Project no. 1 to 15 i.e. 35 years 9 month	Project no. 1 to 17 i.e. 35years
Total professional experience in handling major tunnelling projects (Road/Rail/Metro/Hydro Tunnel)			8	8	8
a ii)	<15 years - 0 marks				
	15 years - 6 marks		6	6	6
Add 1 mark extra for each additional year of experience subject to maximum 2 (two) marks.			2	2	2
Note:-			Project no. 1 to 12 i.e. 30 Years 5 months	Project no. 4, 7, 8, 9, 10, 11, 12, 13, 14, 15 i.e. 23 years 1 month	Project no. 1, 5, 7, 8, 10, 12, 14, 15, 16, 17, i.e. 18 years
Experience in major tunnel construction/construction supervision projects (Road/Rail/Metro/Hydro Tunnel) in Developed countries and Middle East Countries.			10	10	10
iii)	<10 years - 0 marks				
	10 years - 7 marks		7	7	7
Add 1.5 marks extra for each additional year of experience subject to maximum 3 marks.			3	3	3
Note:-			Project no. 1, 2, 3, 4, 7, 9, 10, 11 i.e. 22 years 8 months	Project no. 4, 7, 10 to 15 i.e. 20 years	Project no. 1, 5, 7, 8, 10, 12 i.e. 15 years
Experience in Similar Capacity					
Experience as Team Leader or similar capacity in construction supervision of major tunnel projects (Road/Rail/Metro/Hydro Tunnel) of length equal to or more than 1.94 Km			10	10	10
b i)	<5 years - 0 marks				
	5 years - 7 marks		7	7	7
Add 1.5 marks extra for each additional year of experience subject to maximum 3 marks.			3	3	3
Note:-			Project no. 1, 2, 3, 4, 7, 9, 10, 11, 12 i.e. 19 years 1 month	Project no. 4, 7, 10, 12 to 15 i.e. 19 years	Project no. 5, 7, 8, 14, 16 i.e. 8 years
Experience as Team Leader or similar capacity of project Preparation/ Design of tunnel projects (Road/Rail/Metro/Hydro Tunnel) of length 1.94 Km or more			10	10	10
b ii)	1 Project - 8 marks		8	8	8
Add 1 mark extra for each additional projects subject to maximum 2 marks.			2	2	2
Note:-			Project no. 5, 6 and 8	Project no. 8, 9, 11, 15	Project no. 10, 12, 15, 17
Experience as Team Leader or similar capacity in construction supervision of tunnels (Road/Rail/Metro/Hydro Tunnel) of length 1.94 km or more			20	20	20
b iii)	< 2 projects - 0 marks				
	2 Projects - 15 marks		15	15	15
Add 1.25 mark extra for each additional projects subject to maximum 5(five) marks			5	5	5
Note:-			Project no. 1, 2, 3, 4, 7, 9, 10, 11, 12	Project no. 4, 7, 10, 12 to 15	Project no. 5, 7, 8, 10, 12, 14, 16 are considered for evaluation NOT CONSIDERED:- other project not considered because Pr. No. 1, 2, 3 and 6- no similar capacity Pr. No. 4, 9, 11, 13- no tunnel work Pr. No. 15 and 17- DHR project.
Experience in construction supervision of major tunnel projects (Road/Rail/Metro/Hydro Tunnel) using NATM			5	5	5
c)	1 project - 4 marks		4	4	4
	2 or more projects - 5 marks		1	1	1
Note:-			Project no. 7, 9, 10, 11, 12	Project no. 4, 12, 14	Project no. 1, 8, 12, 14, 16
Employment with the Firm			5	3	0
< 1 year - 0					0
3	> 1 year to 2 years - 2 marks				
	> 2 years to 3 years - 3 marks		3		
	> 3 years - 5 marks				
Note:-			2 years 9 months with Systra	Employed with Systra since 01.12.2016 to 31.01.2018 now till date not employed with Systra	Employed with AECOM India Pvt Ltd.
Total			100	93	90
Weightage @ 75			15	13.95	13.5
				1	4

Similar capacity considered- Team leader, Project manager, Resident Engineer, Sr. Tunnel Expert, Project Head, Project Director.



Resident cum Tunnel Excavation Expert					
S. No.	Applicant No.	Max Marks	1/4	3/4	4/4
	Name of the Applicant		M/s Systra S.A. in association with PEMS Engineering Consultants Pvt. Ltd.	M/s TPF Getinsa Euroestudios S.L. in association With M/s Rodic Consultants Pvt. Ltd. (RODIC)	M/s Energy Infratech Private Limited in association with Meinhardt Singapore PTE. Ltd.
	Name of Key Personnel		Mr. Sindhu Mishra	Mr. Lalit Kumar Verma	Mr. Rayees Ahmed
	Date of Birth of KP's		16/10/1970	26/08/1967	20/11/1974
	Description		Assessed	Assessed	Assessed
1	General Qualification	25	0	20	20
	I) Graduate in Civil/Mining Engineering	20	0	20	20
	II) Post graduate or Chartered in Civil/Mining Engineering	5	0	0	0
Note:-			The key personnel has provided two certificates with different year of passing as 1994-95 and March 2000 for same academic qualification i.e. B.E in civil Engineering Therefore, as per clause 1.9(a)(ii) for fraudulent practise, this CV is being awarded 0 marks and necessary action may be taken.		
2	Adequacy for the Project	75			
	Total Experience in supervision of major Tunnel Projects (Road/Rail/Metro/Hydro Tunnel)	15	0	15	15
	< 15 years - 0		0		
a i)	15 years - 12 marks			12	12
	Add 1 mark extra for each additional year of experience subject to maximum 3 (three) marks			3	3
Note:-			Project no. 1,2,4,5,7,9,10,11 i.e. 19 years	Project no. 2, 4, 6, 7, 10, 11 i.e. 18 years considered. NOT CONSIDERED:- Pr. no. 1,3 - no tunnel work Pr. No. 5,8,9 - DPR	
	Experience in construction supervision of major tunnelling projects (Road/Rail/Metro/Hydro Tunnel) in developed countries and Middle East Countries	10	0	10	0
a ii)	< 7 years - 0		0		0
	7 years - 7 marks			7	
	Add 1.5 marks extra for each additional year of experience subject to maximum 3 (three) marks.			3	
Note:-			Project no. 6, 7, 9, 10, 11 i.e. 12 years 10 months	Project no. 7 i.e. 2 years 5 month considered and NOT CONSIDERED:- All other project done in India	
	Experience as Tunnel Excavation Expert or similar capacity in construction supervision of major tunnelling projects (Road/Rail/Metro/Hydro Tunnel)	10	0	10	10
b i)	< 10 years - 0		0		
	10 years - 7 marks			7	7
	Add 1.5 marks extra for each additional year of experience subject to maximum 3 (three) marks.			3	3
Note:-			Project no. 2, 4, 7, 9, 10, 11 i.e. 17 years 4 months	Project no. 4, 6, 7, 10, 11 i.e. 15 Years 2months	
	Experience as Tunnel Excavation Expert or similar capacity in construction supervision of tunnel projects (Road/Rail/Metro/Hydro Tunnel) of minimum length of 1.94 km (minimum one year supervision in a project)	20	0	20	20
ii)	< 2 projects - 0		0		
	2 projects - 15 marks			15	15
	Add 2.5 marks extra for each additional projects subject to 5 (five) marks.			5	5
Note:-			Project no. 2, 4, 6, 7, 9, 10, 11	Project no. 4, 6, 7, 10, 11	
	Experience as Tunnel Excavation Expert or similar capacity in tunnel design/ DPR/ preparation / feasibility study/design review involving major tunnel projects (Road/Rail/Metro/Hydro Tunnel) (minimum 1 year experience in a project)	10	0	10	10
iii)	1 project - 7 marks			7	7
	Add 1 mark extra for each additional projects subject to maximum 3 (three) marks.			3	3
Note:-			Project no. 3, 5, 8, 12	Project no. 5, 8, 9, 10 and NOT CONSIDERED:- all other project are construction supervision projects .	
	Experience in construction of major tunnel projects (Road/Rail/Metro/Hydro Tunnel) using NATM	5	0	5	5
c	1 project - 3 marks			3	3
	Add 1 mark extra for each additional projects subject to maximum 2 (two) marks.			2	2
Note:-			Project no.1, 2, 4	Project no. 4, 6, 10, 11	
	Employment with the Firm	5	0	0	0
	< 1 year -0			0	0
3	> 1 year to 2 years - 2 marks				
	> 2 years to 3 years - 3 marks				
	> 3 years - 5 marks				
Note:-			Employed with Keihin Kaihatsu Kogyo Co.Ltd	Employed with EPTISA India Pvt Ltd	
	Total	100	0	90	80
	Weightage @ 75	10	0	9	8
			1	3	4

Similar capacity considered- Resident Engineer, Sr. Tunnel Expert, Project Manager, Sr. Tunnel Engineer.



Tunnel Design Engineer					
S. No.	Applicant No.	Max Marks	1/4	3/4	4/4
Name of the Applicant			M/s Systra S.A. in association with PEMS Engineering Consultants Pvt. Ltd.	M/s TPF Getinsa Euroestudios S.L. in association With M/s Rodic Consultants Pvt. Ltd. (RODIC)	M/s Energy Infratech Private Limited in association with Meinhardt Singapore PTE. Ltd.
Name of Key Personnel			Mr. Nishith Gupta	Mr. Jaime Qteazua	Mr. Hussein Ahmed Faizi
Date of Birth of KP's			19/05/1966	09-11-66	27/03/1958
Description			Assessed	Assessed	Assessed
1	General Qualification	25	20	20	20
	I) Graduate in Civil/Mining Engineering	20	20	20	20
	II) Post-Graduate in Engineering (Structural)/Mining Engineering	5	0	0	0
Note:-			Post Graduation different Specialization	-	-
2	Adequacy for the Project	75			
	Total Experience Professional Experience	15	11	15	15
	< 20 years - 0				
a i)	20 years - 11		11	11	11
	Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks			4	4
Note:-			Project no. 1 to 23 i.e. 20 years 11 months	Project no. 1 to 19 i.e. 25 years 8 month	Project no. 1 to 15 i.e. 34 years
	Experience of design/ project preparation/ preliminary study involving major Tunnel (Road/Rail/Metro/Hydro Tunnel) projects in developed countries and Middle East Countries	10	0	10	10
a ii)	<10 years - 0		0		
	10 years - 7 marks			7	7
	Add 1 mark extra for each additional year of experience subject to maximum 3 (three) marks			3	3
Note:-			Project no. 6, 7, 9, 10, 11, 13 i.e. 5 years considered. NOT CONSIDERED:- In pr. No. 2 tunnel length < 1.5 km In pr. No. 5- No tunnel work	Project no. 1 to 4, 6, 7 to 11, 13, 15 i.e. 17 years 8 month	Project no. 1, 4, 3, 6, 8, 9, 11, 12, 13, 15 i.e. 26 years
	Experience in tunnel design (Road/Rail/Metro/Hydro Tunnel) works in similar capacity	10	8	10	10
b i)	<12 years - 0				
	12 years - 7 marks		7	7	7
	Add 1 mark extra for each additional year of experience subject to maximum 3 (three) marks.		1	3	3
Note:-			Project no. 6, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23 i.e. 13 years 2 months NOT CONSIDERED:- In all other projects key personnel has not worked in similar capacity and project no. 5 does not involve any tunnel work.	Project no. 1 to 4, 6 to 11, 13, 15, 16, 18, 19 i.e. 21 years	Project no. 4, 6, 8, 9, 11, 12, 13, 15, 14 i.e. 17 years considered. NOT CONSIDERED:- All other projects are not done in similar capacity. Chief Engineer, tunnel expert considered similar capacity.
	Experience in similar capacity in Project Preparation/DPR involving design of tunnels (Road/Rail/Metro/Hydro Tunnel) of more than 1.94 km length (Min. 1 year experience in a project)	15	15	15	14
ii)	< 3 projects - 0				
	3 projects - 11 marks		11	11	11
	Add 1 mark extra for each additional projects subject to maximum 4 (four) marks.		4	4	3
Note:-			Project no. 6, 11, 13, 14, 15, 19, 20	Project no. 1 to 4, 6 to 8, 10, 11, 13, 15, 16, 18, 19	Project no. 4, 6, 8, 11, 13, 15
	Experience in similar capacity in construction/construction supervision projects involving design/design review of tunnels of more than 1.94 Km length (Min. 1 year experience in project)	10	0	10	10
iii)	<2 projects - 0		0		
	2 projects - 7 marks			7	7
	Add 1.5 mark extra for each additional projects subject to maximum 3(three) marks.			3	3
Note:-			Project no. 9 considered. NOT CONSIDERED:- All other projects are of DPR/Feasibility study.	Project no. 5, 12, 14, 17	Project no. 6, 12, 10, 13, 14, 15
	Experience in innovation tunnel design (Road/Rail/Metro/Hydro Tunnel) like immersed tunnel and sub-sea bored tunnel	5	5	4	5
c i)	1 projects - 4 marks		4	4	4
	2 or more projects - 5 marks		1		1
Note:-			project no. 1 and 4	Project no. 15 NOT CONSIDERED:- No experience of innovative Tunnel Design in other projects	No experience in innovation tunnel design
	Experience in design tunnel projects(Road/Rail/Metro/Hydro Tunnel) using NATM	5	5	5	5
c ii)	1 project - 4 marks		4	4	4
	2 or more projects - 5 marks		1	1	1
Note:-			Project no. 4, 14, 15	Project no. 1, 3, 6, 9, 14, 18, 19	Project no. 6, 13, 14, 15
	Employment with the Firm	5	5	5	0
	< 1 year - 0				0
3	> 1 year to 2 years - 2 marks				
	> 2 years to 3 years - 3 marks				
	> 3 years - 5 marks		5	5	
Note:-			Employed with Systra Since 01.09.2015 to till date	Employed with TPF Getinsa Euroestudios S.L	Employed with Malaysia High Speed Rail Corporation
	Total	100	69	94	89
	Weightage @ 75	10	6.9	9.4	8.9
			1	3	4

Similar capacity considered- Tunnel Design Engineer, Team Leader, Project manager, Sr. Tunnel Expert, Project Head, Project Director, General Manager, Chief Engineer.



TUNNEL SAFETY EXPERT						
S. No.	Applicant No.	Max Marks	1/4	3/4	4/4	
	Name of the Applicant		M/s Systra S.A. in association with PEMS Engineering Consultants Pvt. Ltd.	M/s TPF Getinsa Euroestudios S.L. in association With M/s Rodic Consultants Pvt. Ltd. (RODIC)	M/s Energy Infratech Private Limited in association with Meinhardt Singapore PTE. Ltd.	
	Name of Key Personnel		Mr. Turki Mohammad Said	Mr. Shamsha Ali	Mr. Janardhanamvaratharajan	
	Date of Birth of KP's Description		15/01/1958 Assessed	01-09-71 Assessed	01-09-61 Assessed	
1	General Qualification	25	20	25	25	
I)	Post-Graduate in Civil/Mining Engineering	20	20	20	20	
II)	Any professional Certification from a recognized/statutory body on safety/health/shot firer	5	0	5	5	
Note:-						
2	Adequacy for the Project	75				
	Total Professional Experience	15	0	11	15	
	< 20 years -0		0			
a i)	20 years -11			11	11	
	Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks.				4	
Note:-						
			Project no. 5 to 14 i.e. 15 years	Projectno. 1 to 9 i.e. 20 Yeears 7 month	Project no. 1 to 19 i.e. 34 Years	
	Experience Tunnel (Road/Rail/Metro/Hydro Tunnel) Safety Works	15	15	15	15	
	<10 years - 0					
ii)	10 years - 11 marks		11	11	11	
	Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks		4	4	4	
Note:-						
			Project no. 9, 10, 13, 14 i.e.14 years	Projectno. 1 to 9 i.e. 20 Yeears 7 month	Project no. 3 to 6, 8, 11, 14, 15, 16, 19 i.e. 14 years	
	International exposure in tunnel safety works in developed countries and Middle East Countries	10	10	10	7	
	<7 years - 0					
iii)	7 years - 7 marks		7	7	7	
	Add 1 mark extra for each additional projects subject to maximum 3 (three) marks.		3	3		
Note:-						
			Project no. 9, 10, 13, 14 i.e.14 years	Project no. 3 to 9 i.e. 17 years 6 month	Project no. 3, 4, 5 i.e. 7 Years considered. NOT CONSIDERED:- Pr. No. 2 - no tunnel work All other projects done in India.	
	Experience in similar capacity of Tunnel Safety Audits during construction stage of tunnel projects (Road/Rail/Metro/Hydro Tunnel) of minimum length of 1.94 Km	20	17.5	20	17.5	
b i)	< 2 projects - 0				15	
	2 projects - 15 marks		15	15	2.5	
	Add 1.25 mark extra for each additional projects subject to maximum 5 (five) marks.		2.5	5		
Note:-						
			Project no. 9, 13, 14 considered. NOT CONSIDERED:- In all other projects Tunnel Safety Audits during construction stage is not done.	Project no. 1,2, 6, 7, 8, 9	Project no. 11,14,15,16 Experience In Tunnel Safety Audits during construction stage of tunnel projects not shown.	
	Experience in similar capacity of Tunnel Safety Audits in design stage on tunnel projects (Road/Rail/Metro/Hydro Tunnel)	10	0	10	8	
b ii)	1 project - 8 marks			8	8	
	2 or more - 10 marks			2		
Note:-						
			Experience In Tunnel Safety Audits in design stage on tunnel projects not shown.	Project no. 3, 4	Project no. 8 considered Experience In Tunnel Safety Audits in design stage on tunnel projects not shown in other projects.	
	Employment with the Firm	5	0	0	0	
	< 1 year -0		0	0	0	
3	> 1 year to 2 years - 2 marks					
	> 2 years to 3 years - 3 marks					
	> 3 years - 5 marks					
Note:-						
			Employed with Arabian BEMCO Contracting Co. Ltd	Employed with Astad Management Projects Qatar	Employed with L n T Heavy Civil Infra	
	Total	100	62.5	91	87.5	
	Weightage @ 75	8	5	7.28	7	
			1	3	4	

Similar capacity considered- Safety Engineer



Senior Geotechnical Expert					
S. No.	Applicant No.	Max Marks	1/4	3/4	4/4
Name of the Applicant			M/s Systra S.A. in association with PEMS Engineering Consultants Pvt. Ltd.	M/s TPF Getinsa Euroestudios S.L. in association With M/s Rodic Consultants Pvt. Ltd. (RODIC)	M/s Energy Infratech Private Limited in association with Meinhardt Singapore PTE. Ltd.
Name of Key Personnel			Mr. Christos Gioldasis	Mr. Konstantinos Stergiopoulos	Mr. Rocky Tay
Date of Birth of KP's			05-09-63	01-07-61	20/01/1957
Description			Assessed	Assessed	Assessed
1	General Qualification	25	20	20	20
	I) Graduate in Civil Engineering / Masters in Engineering Geology or equivalent from a recognized university	20	20	20	20
	II) Post Graduate in Rock Mechanics / Foundation Engineering/ Tunnel Engineering	5	0	0	0
Note:-			-	-	-
2	Adequacy for the Project	75			
a	Total Professional Experience	15	13	15	15
	<20 years - 0				
i)	20 years - 11 marks		11	11	11
	Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks.		2	4	4
Note:-			Project no. 1 to 9 i.e. 22 years 3 month	Project no. 1 to 16 i.e. 33 years	Project no. 1 to 44 i.e. 39 years
	Experience in Construction/ Construction Supervision of major tunnel projects (Road/Rail/Metro/Hydro Tunnel) in developed and Middle East countries	15	12	15	11
ii)	< 12 years - 0				0
	12 years - 11 marks		11	11	11
	Add 1 mark extra for each additional year of experience subject to maximum 4 (three) marks		1	4	0
Note:-			Project no. 4, 5, 6 i.e. 13 years 10 months considered. NOT CONSIDERED:- Pr. No. 1,2-construction work not done. Pr. No. 3-tunnel length not mentioned Pr. No. 7,8,9-not developed countries.	Project no. 3 to 5, 7, 9, 11, 13, 14, 16 i.e. 20 years 3 months	Project no. 7,10, 11,25, 28 i.e. 12 years considered. NOT CONSIDERED:- Pr. No. 1 to 6,8,9,17 to 24,29,30,31,33 to 41,44- no tunnel work. Pr. No. 27,32,43- DPR project. Pr. No. 11 to 16,42- projects done in china and Malaysia. Pr. No. 26- tunnel length less than 1.5 Km.
	Experience as Geotechnical engineer or similar capacity in construction/ construction supervision of at least 4 tunnel projects (Road/Rail/Metro/Hydro Tunnel) of length equal to or more than 1.94 km	25	0	25	25
b i)	< 4 projects - 0		0		
	4 projects -17 marks			17	17
	Add 2 mark extra for each additional project subject to maximum 8 (eight) marks.			8	8
Note:-			Project no. 8 considered. NOT CONSIDERED:- In all other project there is no similar capacity. In project no. 9 there no tunnelwork. In project no. 2- tunnel length < 1.94 km.	Project no. 3 to 5, 7, 9, 11, 13, 14, 16	Project no. 7,10,12,11, 26, 28,13,42 considered. NOT CONSIDERED:- Pr. No. 1 to 6,8,9,14,16,17 to 24,29,30,31,33 to 41,44- no tunnel work. Pr. No.27,43- DPR project. Pr. No. 25,15,32- tunnel length less than 1.94 Km.
	Experience as Geotechnical engineer or similar capacity in design/project preparation of tunnel projects (Road/Rail/Metro/Hydro Tunnel) of at least 1.94 km length	15	0	15	15
ii)	< 2 projects - 0		0		
	2 projects - 11 marks			11	11
	Add 2 marks extra for each additional projects subject to maximum 4 (four) marks.			4	4
Note:-			Project no. 8 considered. NOT CONSIDERED:- In all other project there is no similar capacity. In project no. 9 there no tunnel work. In project no. 2- tunnel length < 1.94 km.	Project no. 2, 6, 8, 10, 12, 15	Project no. 7, 12, 26,27,42, 43
	Employment with the Firm	5	0	0	0
	< 1 year -0		0	0	0
3	> 1 year to 2 years - 2 marks				
	> 2 years to 3 years - 3 marks				
	> 3 years - 5 marks				
Note:-			Employed with EPTISA	Employed with Sotiropoulos and Associates SA	Employed with Meinhardt Infrastructure & Environment Ltd.
	Total :	100	45	90	86
	Weightage @ 75	10	4.5	9	8.6
			1	3	4

Similar capacity considered- Geotechnical Expert, Geotechnical Engineer, Project Manager.



SR. GEOLOGIST					
S. No.	Applicant No.	Max Marks	1/4	3/4	4/4
	Name of the Applicant		M/s Systra S.A. in association with PEMS Engineering Consultants Pvt. Ltd.	M/s TPF Getinsa Euroestudios S.L. in association With M/s Rodic Consultants Pvt. Ltd. (RODIC)	M/s Energy Infratech Private Limited in association with Meinhardt Singapore PTE. Ltd.
	Name of Key Personnel		Mr. Jang Bahadur Choudhary	Mr. Sarvesh Misra	Mr. Pankaj Punetha
	Date of Birth of KP's		15/11/1971	13/01/1955	10-08-56
	Description		Assessed	Assessed	Assessed
	General Qualification	25	25	25	25
1	I) Masters in Geology /Applied Geology from recognized university	25	25	25	25
2	Adequacy for the Project	75			
Note:-					
	Total Professional Experience	20	0	20	20
	<20 years - 0		0		
a i)	20 years - 15 marks			15	15
	Add 1 mark extra for each additional year of experience subject to maximum 5 (five) marks.			5	5
Note:-					
			Project no. 3to 14 i.e. 18 Years 5 months	Project no. 1 to 14 i.e. 26 years	Project no. 1 to 12 i.e.29 years
	Experience in major Tunnel construction/construction supervision Projects (Road/Rail/Metro/Hydro Tunnel) in Himalayan Region using NATM technology	15	15	15	15
ii)	< 5 years - 0				
	5 years - 12 marks		12	12	12
	Add 1.5 marks extra for each additional year subject to maximum 3 (three) marks		3	3	3
Note:-					
			Project no. 6, 7, 9, 10,12,13 and 14 i.e.10 years	Project no. 6, 7, 10, 11, 12, 13, 14 i.e. 14 years 6 month	Project no. 9, 10, 11 i.e. 7 years 2 month
	Experience in major Tunnel (Road/Rail/Metro/Hydro Tunnel) Construction works in similar capacity	15	14	15	15
b i)	< 7 years - 0				
	7 years - 12 marks		12	12	12
	Add 1 mark extra for each additional year of experience subject to maximum 3 (three) marks		2	3	3
Note:-					
			Project no. 6, 7, 9, 10, 12 and 14 i.e.9 years 5months	Project no. 1, 4, 6, 7, 10, 11, 12, 13, 14 i.e. 20 years 9 month	Project no. 6, 9, 10, 11 i.e. 10 years
	Experience in similar capacity in project preparation/DPR involving of major tunnel projects (Road/Rail/Metro/Hydro Tunnel) . (Min 1 year experience in a project)	10	10	10	10
ii)	<2 projects - 0				
	2 projects -7 marks		7	7	7
	Add 1.5 marks extra for each additional projects subject to maximum 3 (three) marks.		3	3	3
Note:-					
			Project no. 3, 4, 5, 11	Project no. 2, 3, 5, 8, 9	Project no. 2 to 5, 7, 8, 12
	Experience in similar capacity in highway/Road/Rail/Metro/Hydro tunnel construction/construction supervision with	10	10	10	10
b iii)	minimum length of 1.94 Km				
	< 2 projects - 0				
	2 project - 7 marks		7	7	7
	Add 1.5 marks extra for each additional projects subject to maximum 3 (three) marks.		3	3	3
Note:-					
			Project no. 6, 7, 9, 10,12, 14	Project no. 1, 4, 6, 7, 10, 11, 12, 13, 14	Project no. 6, 9, 10, 11
	Employment with the Firm	5	0	0	2
	< 1 year -0		0	0	
3	> 1 year to 2 years - 2 marks				2
	> 2 years to 3 years - 3 marks				
	> 3 years - 5 marks				
Note:-					
			Employed with SMEC India Pvt Ltd	Employed with National Hydroelectric Power Corporation Ltd.	Employed with Energy Infratech Pvt Ltd
	Total :	100	74	95	97
	Weightage @ 75	7	5.18	6.65	6.79
			1	3	4

Similar capacity considered- Geologist,Sr. Geologist,assistant G.M, Deputy Manager.



TUNNEL VENTILATION CUM E&M EXPERT					
S. No.	Applicant No.	Max Marks	1/4	3/4	4/4
	Name of the Applicant		M/s Systra S.A. in association with PEMS Engineering Consultants Pvt. Ltd.	M/s TPF Getinsa Euroestudios S.L. in association With M/s Rodic Consultants Pvt. Ltd. (RODIC)	M/s Energy Infratech Private Limited in association with Meinhardt Singapore PTE. Ltd.
	Name of Key Personnel		Mr. Dilgeer Singh	Mr. Rajnish Kumar Sharma	Mr. Neeraj Sahu
	Date of Birth of KP's		03-11-72	16/03/1956	09-04-74
	Description		Assessed	Assessed	Assessed
1	General Qualification	25	20	25	0
	I) i) Graduate in Electrical/Mechanical Engineering	20	20	20	
	II) Post-Graduate in Electrical/Mechanical Engineering	5	0	5	
Note:-					The key personnel has provided qualification degree in the course of B.E in automobile engineering, which has not been considered equivalent to the desired qualification as per RFP i.e. Graduate in Electrical/Mechanical Engineering.
2	Adequacy for the Project	75			
	Total Professional Experience	20	20	20	0
	< 15 years - 0				
a i)	15 years - 15 marks		15	15	
	Add 1.25 mark extra for each additional year of experience subject to maximum 5 (five) marks.		5	5	
Note:-			Project no. 1 to 5 i.e. 20 years 2 months	Project no. 1 to 16 i.e. 38 years	
	Experience as Tunnel Ventilation Expert or similar capacity in Construction Supervision/IC of major tunnel works (Road/Rail/Metro/Hydro Tunnel)	20	20	20	0
	< 7 years - 0				
b i)	7 years - 10 marks		10	10	
	Add 2.5 marks extra for each additional year of experience subject to maximum 10 (ten) marks.		10	10	
Note:-			Project no. 1 to 3 i.e. 16 years 5 months	Project no.3, 4, 10 to 16 i.e. 21 years	
	Experience as Tunnel Ventilation Expert or similar capacity in construction supervision of tunnel (Road/Rail/Metro/Hydro Tunnel) projects of minimum length of 1.94 km (Min 1 year experience in project)	15	10	15	0
	<3 projects - 0				
ii)	3 projects - 10		10	10	
	Add 2.5 marks extra for each additional projects subject to maximum 5 (five) marks			5	
Note:-			Project no. 1, 2, 3 considered. NOT CONSIDERED:- Project no. 4,5- tunnel length <1.94 Km	Project no. 4, 10, 11, 12, 13, 14, 15, 16	
	Experience as Tunnel Ventilation Expert or similar capacity in design/DPR of tunnel (Road/Rail/Metro/Hydro Tunnel) projects of minimum length of 1.94 km (Min 1 year experience in project)	15	10	15	0
	<3 projects - 0				
iii)	3 projects - 10		10	10	
	Add 2.5 marks extra for each additional projects subject to maximum 5 (five) marks			5	
Note:-			Project no. 1, 2, 3 considered. NOT CONSIDERED:- Project no. 4,5- tunnel length <1.94 Km	Project no. 5, 6, 7, 8, 9	
	Employment with the Firm	5	0	0	0
	< 1 year -0		0	0	
3	> 1 year to 2 years - 2 marks				
	> 2 years to 3 years - 3 marks				
	> 3 years - 5 marks				
Note:-			Employed with Reliance Info COM Limited	Employed with Greenko Energy Pvt Ltd	
	Total	100	80	95	0
	Weightage @ 75	7	5.6	6.65	0
			1	3	4

Similar capacity considered- Senior E&M Expert,Tunnel Ventilation Expert,PROJECT MANAGER (E&M),Superintending Engineer,Chief Engineer, Executive Engineer.



Contract Specialist					
S. No.	Applicant No.	Max Marks	1/4	3/4	4/4
	Name of the Applicant		M/s Systra S.A. in association with PEMS Engineering Consultants Pvt. Ltd.	M/s TPF Getinsa Euroestudios S.L. in association With M/s Rodic Consultants Pvt. Ltd. (RODIC)	M/s Energy Infratech Private Limited in association with Meinhardt Singapore PTE. Ltd.
	Name of Key Personnel		Mr. Sanjeev Kumar Bhatnagar	Mr. India Hema Chandrudu	Mr. Sanjeev Kumar Agarwal
	Date of Birth of KP's		29/08/1963	22/05/1969	25/07/1967
	Description		Assessed	Assessed	Assessed
1	General Qualification	25	20	20	25
	I) Graduate in Civil Engineering	20	20	20	20
	II) Post-Graduate in Law/ Dispute Resolution/Contract Management	5	0	0	5
Note:-			-	-	-
2	Adequacy for the Project	75			
	Total Professional Experience in Contract Management	20	20	20	20
	<20 years - 0				
a i)	20 years - 15 marks		15	15	15
	Add 1 mark extra for each additional year of experience subject to maximum 5 (five) marks		5	5	5
Note:-			Project no. 1 to 15,16, 17,18,19,22,23, 24 i.e. 29 years	Project no. 1 to 23 i.e. 25 years 5 months	Project no. 2 to 24 i.e. 27 years
	Experience as Contract Expert or similar capacity in major roads/ highway projects	15	15	15	14
	< 10 years - 0				
b i)	10 years - 10 marks		10	10	10
	Add 1 mark extra for each additional year of experience subject to maximum 5 (five) marks		5	5	4
Note:-			Project no. 8 to 15, 17, 18, 19, 21 to 24 i.e. 16 years 6 month	Project no. 5, 7 to 9, 11 to 15, 17, 19 to 23 i.e. 15 years 9 month	Project no. 3,5,9, 11, 14 to 22 i.e. 14 years 4 month considered. NOT CONSIDERED:- Pr. No. 1 to 8,12- no similar capacity. Pr. No. 10,13-no highway work.
	Experience of contract management of major roads/ highway projects over Rs 500 crore including experience of handling variation orders, claims of the contractor	15	12	15	0
	< 4 projects - 0				0
c i)	4 projects - 12		12	12	
	Add 1 mark extra for each additional project subject to maximum 3 (three) marks		0	3	
Note:-			Project no. 15, 17,20,21	Project no. 13, 14, 15, 19, 20, 23	Project no.17, 19
	Experience of Handling Arbitration cases/Dispute resolution/Adjudication in respect of any road/highway project	20	20	20	20
c ii)	1 project - 10 marks		10	10	10
	Add 2.5 marks extra for each additional project subject to maximum 10 (ten) marks		10	10	10
Note:-			Project no. 9, 13,15,20, 24	Project no. 19, 20, 21, 22, 23	Project no. 9, 16, 17
	Employment with the Firm	5	0	0	0
	< 1 year -0		0	0	0
3	> 1 year to 2 years - 2 marks				
	> 2 years to 3 years - 3 marks				
	> 3 years - 5 marks				
Note:-			Employed with Yogma	Employed with Wadia Yecho Engineering Services Ltd	Employed with ICT Pvt Ltd
	Total	100	87	90	79
	Weightage @ 75	3	2.61	2.7	2.37
			1	3	4

Similar capacity considered- Contract Specialist,Contract Expert, Contract Engineer.



INSTRUMENTATION AND CONTROL (SCADA) EXPERT					
S. No.	Applicant No.	Max Marks	1/4	3/4	4/4
	Name of the Applicant		M/s Systra S.A. in association with PEMS Engineering Consultants Pvt. Ltd.	M/s TPF Getinsa Euroestudios S.L. in association With M/s Rodic Consultants Pvt. Ltd. (RODIC)	M/s Energy Infratech Private Limited in association with Meinhardt Singapore PTE. Ltd.
	Name of Key Personnel		Mr. Sumanto Dutta	Mr. Anurag Swain	Mr. Karamvir Singh
	Date of Birth of KP's		12-08-60	07-01-65	29/08/1970
	Description		Assessed	Assessed	Assessed
1	General Qualification	25	20	25	20
	I) Graduate in IT/ Comp Sc./ Electrical/ Electronics/Civil/ Instrumentation/ Mechanical	20	20	20	20
	II) Post graduate Engineering	5	0	5	0
Note:-			-	-	-
2	Adequacy for the Project	75			
	Total Professional Experience	15	15	15	15
	< 15 years - 0				
a i)	15 years - 12 marks		12	12	12
	Add 1 mark extra for each additional year of experience subject to maximum 3 (three) marks		3	3	3
Note:-			Project no. 1 to 17 i.e. 33 years	Project no. 1 to 11 i.e. 26 years 4 month	Project no. 3 to 16 i.e. 19 years
	Experience in system requirement, installation and commissioning of all the subsystems and equipment required for remote operation and control devices similar to SCADA in any infrastructure project.	25	0	25	25
	< 10 years - 0		0		
	10 years - 15 marks			15	15
	Add 2.5 marks extra for each additional year of experience subject to maximum 10 marks			10	10
Note:-			Project no. 6,9 i.e. 7 year considered. NOT CONSIDERED:- 1 to 5,7,8,10 to 15-Experience in system requirement, installation and commissioning of all the subsystems and equipment required for remote operation and control devices similar to SCADA in any infrastructure project.	Project no. 3, 4, 5, 6, 7, 8, 9, 10, 11 i.e. 23 years 8 month	Project no. 3, 4, 5, 6, 7, 8, 11, 12, 13, 14, 15, 16 i.e. 18 years
	Experience in at least 7 years experience in hardware configuration, system tuning, application development, documentation including operation and maintenance	15	0	15	15
	< 7 years - 0		0		
iii)	7 years - 10			10	10
	Add 1.25 marks extra for each additional year of experience subject to maximum of 5 marks			5	5
Note:-			Experience in at least 7 years experience in hardware onfiguration, system tuning, application development, ocumentation including operation and maintenance, not shown.	Project no. 3, 4, 5, 6, 7, 8, 9, 10 i.e. 23 years 8 month	Project no. 1, 3, 5,6,7,8,11,13,14 and 15 i.e. 16 years considered. NOT CONSIDERED:- Experience in hardware configuration, system tuning, application development, documentation including operation and maintenance is not shown in other projects.
	Experience in handling at least 2 surveillance and security systems projects	15	10	15	15
	2 project - 10 marks		10	10	10
	Add 2.5 marks extra for each additional project subject to maximum 5 (Five) marks.			5	5
Note:-			Project no. 9, 7 NOT CONSIDERED:- Experience in handling at least 2 surveillance and security systems projects not shown.	Project no. 3, 4, 15, 11	Project no. 3, 5, 7, 11, 16
	Employment with the Firm	5	0	0	0
	< 1 year -0		0	0	0
3	> 1 year to 2 years - 2 marks				
	> 2 years to 3 years - 3 marks				
	> 3 years - 5 marks				
Note:-			Employed with Freelance Consultant	Employed with Home Power Consultancy Ltd	Employed with Egis India Consulting Engineers Pvt Ltd
	Total	100	45	95	90
	Weightage @ 75	5	2.25	4.75	4.5
			1	3	4



Authority's Engineer for Supervision of Construction of Stand-alone Ring Road / Bypass around Jammu City in the state of J&K (4 Lane, Length-58.2Km) on Engineering Procurement and Construction (EPC) Basis.

Name & DoB. Of Key Personnel

S.No.	Applicant No.	1/4		2/4		3/4		4/4	
		Key Position:	M/s Systra S.A. in association with M/s PEMS Engineering Consultants Pvt. Ltd.	M/s AYESA Ingenieria Y Arquitectura S.A.U. (Ayesa) In association with SA Infrastructure Consultants Pvt. Ltd.	M/s Tpf Getinsa Eurostudios S.L. in association With M/s Rodic Consultants Pvt. Ltd. (RODIC)	M/s Energy Infratech Pvt. Ltd. In association with Meinhardt Singapore Pte. Ltd.			
1	Team Leader Cum Senior Tunnel Expert	Mr. Apostolos Dimos	04-09-1959	Mr. Vinay Khetarpal	Mr. Nikolaos Vittis	Mr. Nikolaos Kostopoulous			
		Mr. Sindhu Mishra	16/10/1970	Mr. Ashok Kumar Roy	Mr.Lalit Kumar Verma	Mr. Rayees Ahmed			
2	Resident Engineer cum Excavation Specialist	Mr. Christos Gioldasis	09-05-1963	Mr. Sindu Kumar Bagati	Mr. Konstantinos Stergiopoulos	Mr. Rocky Tay			
		Mr. Nishith Gupta	19/05/1966	Mr. Honey Mehra	Mr. Jaime Qtazua	Mr. Hussein Ahmed Faizi			
3	Senior Geo- Technical Expert	Mr. Turki Mohammad Said	15/01/1958	Mr. M G Mohan	Mr. Shamsha Ali	Mr. Janardhanamvaratharajan			
		Mr. Dilgeer Singh	11-03-1972	Mr. Ajit Kumar Swain	Mr. Rajnish Kumar Sharma	Mr. Neeraj Sahu			
4	Tunnel Design Engineer	Mr. Jang Bahadur Choudhary	15/11/1971	Mr. Gajendra Pratap Singh	Mr. Sarvesh Misra	Mr. Pankaj Punetha			
		Mr. Sanjeev Kumar Bhatnagar	29/08/1963	Mr. Dipak Kumar	Mr. India Hema Chandrudu	Mr. Sanjeev Kumar Agarwal			
5	Tunnel Safety Expert	Mr. Sumanto Dutta	08-12-1960	Mr. Biju C Gopakumar	Mr. Anurag Swain	Mr. Karamvir Singh			
		Mr. Sanjeev Kumar Bhatnagar	29/08/1963	Mr. Dipak Kumar	Mr. India Hema Chandrudu	Mr. Sanjeev Kumar Agarwal			
6	Tunnel Ventilation cum E&M Expert	Mr. Sumanto Dutta	08-12-1960	Mr. Biju C Gopakumar	Mr. Anurag Swain	Mr. Karamvir Singh			
		Mr. Sanjeev Kumar Bhatnagar	29/08/1963	Mr. Dipak Kumar	Mr. India Hema Chandrudu	Mr. Sanjeev Kumar Agarwal			
7	Senior Geologist	Mr. Sumanto Dutta	08-12-1960	Mr. Biju C Gopakumar	Mr. Anurag Swain	Mr. Karamvir Singh			
		Mr. Sanjeev Kumar Bhatnagar	29/08/1963	Mr. Dipak Kumar	Mr. India Hema Chandrudu	Mr. Sanjeev Kumar Agarwal			
8	Contract Specialist	Mr. Sumanto Dutta	08-12-1960	Mr. Biju C Gopakumar	Mr. Anurag Swain	Mr. Karamvir Singh			
		Mr. Sanjeev Kumar Bhatnagar	29/08/1963	Mr. Dipak Kumar	Mr. India Hema Chandrudu	Mr. Sanjeev Kumar Agarwal			
9	Instrumentation & Control (SCADA) Expert	Mr. Sumanto Dutta	08-12-1960	Mr. Biju C Gopakumar	Mr. Anurag Swain	Mr. Karamvir Singh			
		Mr. Sanjeev Kumar Bhatnagar	29/08/1963	Mr. Dipak Kumar	Mr. India Hema Chandrudu	Mr. Sanjeev Kumar Agarwal			

