

# राष्ट्रीय राजमार्ग एवं अवसंरचना विकास निगम लिमिटेड

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

## National Highways & Infrastructure Development Corporation Limited

Ministry of Road Transport & Highways, Govt. of India  
3rd Floor, PTI Building, 4-Parliament Street, New Delhi-110001, +91 11 2346 1600, www.nhidcl.com



**BHARATMALA**  
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**NHIDCL**  
BUILDING INFRASTRUCTURE - BUILDING THE NATION  
CIN: U45400DL2014GOI269062

सार्वजनिक क्षेत्र का उपक्रम

A PUBLIC SECTOR UNDERTAKING

NHIDCL/Silkyara Tunnel/AE/2018

Dated: 13.11.2018

**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. - Technical Results -Reg.-**

Sir,

Please refer to your bid dated 25.10.2018 submitted towards subject cited project. The following is the list of technically responsive Bidders.

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.	92.33	Responsive*
2	M/s Meinhardt Singapore Pte. Ltd. in joint venture with M/s Amberg Engineering Ag	-	(i) The project No. 19 uploaded on Infracon Portal. The assignment of the work is Architectural / Engineering consultancy services for downtown Line MRT Contract 9181C, and have completed the overall project in 7 Packages. The bidder has submitted the details at Page No. 147 of bidding document wherein it is mentioned that all Detailed Design of Stations, shafts, Tunnels and Cross Passages work is submitted on 30.04.2010 which is beyond the required last 7 years experience as per Clause no. 11 (A), Section-1 of RFP document. Hence, DPR experience of the project is not considered. However, civil work

			<p>experience is considered.</p> <p>(ii) The Lead partner has not qualified the minimum experience in DPR/FS of 50% of 2 times of length (i.e. 9.718 km) as per Clause 11 of Section 1 of RFP.</p> <p>(iii) Therefore, Non-responsive.</p>
3	M/s Systra S.A. in joint venture with M/s Pems Engineering Consultants Pvt Ltd	-	<p>The bidder has not submitted Memorandum of Undertaking between JV partners as per Clause No. 4.1 (ii) of Section -2, Letter of Invitation, Copy of Memorandum of Understanding between JV partners shall be submitted in Technical Proposal. Hence, the bidder is Non-Responsive.</p>

\* Subject to Condition that the bidder would submit Copy of original Audited Financial statements & Merger Agreements. (Bidder has submitted certified translations of the Financial Statements & Merger Agreements).

\* Tunnel Safety Expert- Mr. Shamsha 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.

2. The copy of minutes of meeting of Empowered Technical Evaluation Committee (ETEC) dated 05.11.2018 is also enclosed.
3. In case of any representation, the bidders may represent by 20.11.2018(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 05.11.2018, New Delhi.**

The bids for subject work were invited having Bid Due Date 25.10.2018. In all, three bids were received from the following bidders.

S. No.	Name of the Firm
1	M/s TPF Getinsa Euroestudios S.L. in association With M/s Rodic Consultants Pvt. Ltd.
2	M/s Meinhardt Singapore Pte. Ltd. in joint venture with M/s Amberg Engineering Ag
3	M/s Systra S.A. in joint venture with M/s Pems Engineering Consultants Pvt Ltd

2. In this meeting, ETEC was apprised that the approved RFP is customized document to include bridge criteria for 1<sup>st</sup> Stage & 2<sup>nd</sup> Stage Evaluation as the assignment is a standalone Tunnel work of length 4.859 km. As such, the INFRACON evaluation module is not capable of carrying out the evaluation for the criteria of Tunnel works. Hence, the evaluation is required to be carried out manually. Accordingly Empowered Technical Bid Opening Committee handed over the hard/soft copies of the technical bids to the Financial Consultant M/s KRA & Co. engaged for carrying out the evaluation.

3. The financial consultant submitted the technical evaluation report vide letter dated 02.11.2018 (enclosed at **Annexure- I**). Financial Consultant also examined the certificates of all the firms uploaded on INFRACON to assert its appropriateness vis-à-vis RFP Criteria. Those projects with incorrect/incomplete experience certificate have been rejected and accordingly the first stage evaluation of the firms carried out.

4. The financial consultant observed that one of the bidders viz. M/s Systra S.A. has created team on ID INFRACON Portal with M/s Systra S.A. as Lead member and M/s PEMS Engineering Consultants Pvt. Ltd. as other Member in accordance with RFP



Clause No.7.1 of section -1. On opening of bid online as well as physically it is found that M/s Systra S.A. has bid as a sole firm which is in contradiction with the generated INFRACON team ID. Since, INFRACON is the prerequisite to bid on CPP Portal and physical submission of the bid. Therefore, the financial consultant has considered the bid as Non-Responsive due to non- meeting the requirement by the other member of the JV. Accordingly, the first stage evaluation results are as under:

Sr.No.	Name of Bidder	Obtained marks through Manually by Financial Consultant (Max. points 25)	First Stage of Eligibility Status through Financial Consultant/Remarks
1	M/s TPF Getinsa Euroestudios S.L. in association With M/s Rodic Consultants Pvt. Ltd.	25.00	Responsive
2	M/s Meinhardt Singapore Pte. Ltd. in joint venture with M/s Amberg Engineering Ag		<p>(i) The project No. 19 uploaded on Infracon Portal. The assignment of the work is Architectural / Engineering consultancy services for downtown Line MRT Contract 9181C, and have completed the overall project in 7 Packages. The bidder has submitted the details at Page No. 147 of bidding document wherein it is mentioned that all Detailed Design of Stations, shafts, Tunnels and Cross Passages work is submitted on 30.04.2010 which is beyond the required last 7 years experience as per Clause no. 11 (A), Section-1 of RFP document. Hence, DPR experience of the project is not considered. However, civil work experience is considered.</p> <p>(ii) The Lead partner has not qualified the minimum experience in DPR/FS of 50% of 2 times of length (i.e. 9.718 km) as per Clause 11 of Section 1 of RFP.</p> <p>(iii) Therefore, Non-responsive.</p>

*Calke* *P. J.* *U.L.* *en* *Shw*

3	M/s Systra S.A. in joint venture with M/s Pems Engineering Consultants Pvt Ltd	-	The bidder has not submitted Memorandum of Undertaking between JV partners as per Clause No. 4.1 (ii) of Section -2, Letter of Invitation, Copy of Memorandum of Understanding between JV partners shall be submitted in Technical Proposal. Hence, the bidder is Non-Responsive.
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5. As per evaluation by Financial Consultant, bidder at Sr. 2 & 3 above are not eligible in the first stage of evaluation as the firms do not meet the minimum eligibility requirement as per Clause No. 11 of section 1 for further evaluation.

6. Further, Financial Consultant carried out manual evaluation for second stages of one firm, result of which is tabulated below:

Sr. No.	Name of Bidder	Evaluation by Financial Consultant (Technical Score)			Reasons/Remarks
		Firm's marks	Key personnel	Total marks	
1	M/s TPF Getinsa Euroestudios S.L. in association With M/s Rodic Consultants Pvt. Ltd.	25.00	67.33	92.33	Responsive*

\* Subject to Condition that the bidder would submit Copy of original Audited Financial statements & Merger Agreements. (Bidder has submitted certified translations of the Financial Statements & Merger Agreements).

\* Tunnel Safety Expert- Mr. Shamsha 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 ID <sup>created</sup> on the name of Shamshe Ali on Infracon Portal and will change his name mentioned on Infracon Portal accordingly.

7. The details of technical marks of the key personnel's as per evaluation of Financial Consultant are given at Page no. 31 to 42 of report of Financial Consultant.

8. In view of above, the Committee recommends for uploading the Minutes of Meeting of ETEC and all the bidders by giving 7 days time and to communicate the Technically responsive bidder their Technical score for Clarification/Representation if any by uploading on website.

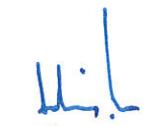
The Meeting ended with Vote of Thanks to and by the chair.



V.K.Singh  
ED-IV  
Convener



Y.C.Srivastava  
GM-Tech  
Member  
Secretary



Adil Singh  
GM-Tech  
Member



Uttam Chatterjee  
DGM-Fin.  
Member



Kavita Vivek  
Manager (Tech)  
Member



# K R A & CO.

011 - 47082855  
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## Chartered Accountants

H -1/208, Garg Tower, Netaji Subhash Place, Pitampura, New Delhi -110034

Dated- 2/11/2018

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" on Engineering, Procurement and Construction (EPC) Mode - Preliminary evaluation report.

Dear Sir,

We hereby submit our Preliminary report on the evaluation of applications received for the captioned project.

The result of evaluation is as follows:

S. No.	Name of Bidders	Final Outcome
1.	M/s TPF Getinsa Euroestudios S.L. in association with M/s Rodic Consultants Pvt Ltd.	Qualified
2.	M/s Meinhardt Singapore Pte. Ltd. Joint venture with M/s Amberg Engineering Ag	Disqualified
3.	M/s Systra S.A. in Joint Venture with M/s Pems Engineering Consultants Pvt Ltd.	Disqualified

For any further information /clarification, please advise us accordingly.

Thanking you,  
Yours faithfully,  
KRA & co

CA Rajat Goyal  
Partner

[Visit us at : www.kra.co.in](http://www.kra.co.in)

Mr Y.C. Srivastava  
General Manager (Tech),  
National Highway & Infrastructure  
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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" on Engineering, Procurement and Construction (EPC) Mode - Preliminary evaluation report.

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2.	M/s Meinhardt Singapore Pte. Ltd. Joint venture with M/s Amberg Engineering Ag	Disqualified
3.	M/s Systra S.A. in Joint Venture with M/s Pems Engineering Consultants Pvt Ltd.	Disqualified

For any further information / clarification, please advise us accordingly.

Thanking you,

Yours faithfully,

KRA & co



CA Rajat Goyal  
Partner

## PRELIMINARY EVALUATION REPORT

on

Request for Proposal

For

“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”

November, 2018



KRA & Co

H-1/208, Garg Tower, Netaji Subash Place, Pitampura, New Delhi-110034

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### DISCLAIMER

We, namely, KRA & Co. have carried out evaluation of the Applications received for 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”** (hereinafter referred to as the “Report”). We are hereby submitting our Preliminary RFP Evaluation Report for discussion purpose, based on the information made available to KRA and this report is exclusively meant for NHIDCL only.

KRA has relied solely on information and data as shared by NHIDCL and has not independently verified such information nor the information of any kind provided by the Bidders in their respective Bids as submitted. KRA undertakes no responsibility for the accuracy and completeness of such information and will not be held liable for it under any circumstances. KRA’s total liability shall be limited to the amount of fee paid to us for a particular stage of work. This report has been well discussed with NHIDCL officials beforehand and has been finalized thereafter. Evaluation of criterion related to quality of methodology & work plan proposed and experience in use of technology for road inspection have been done by the NHIDCL officials themselves and as evaluated by them, the same has been incorporated in this report. This Report should not be disclosed to any person other than NHIDCL without the prior written consent of KRA. The delivery of this Report at any time does not imply that the information in it is correct as of any time after the date set out on the cover page hereof. KRA has no obligation to update any information contained in this Report. NHIDCL agrees to indemnify and hold KRA harmless from time to time and at all times hereafter, from and against (i) all loss, damage, harm or injury suffered or incurred by KRA and (ii) all notices, claims, demands, action, suits or proceedings given, made or initiated against KRA on account of or arising out of (a) the performance by KRA, or any of KRA’s obligations hereunder, or (b) any default committed by NHIDCL in the performance of all or any of KRA obligations hereunder, as also against all costs, charges and expenses suffered or incurred by KRA on account of the aforesaid. This Indemnity shall not, however, be applicable to the extent that any such notices, claims, demands, action, suits or proceedings are found by a competent Court in its final judgment to have resulted primarily from KRA willful default in performing the services described above.



## Background

### 1.1 Background

The National Highway & Infrastructure Development Corporation Ltd (NHIDCL) (the 'Employer') invites proposals from eligible consultant for engaging Authority's Engineer (AE) on the basis of International Competitive Bidding for the following contract package in the State of Uttarakhand.

Sr. No.	Consultancy Pkg.	NH No.	State	Project Length (Km)/ Project Cost (Cr.)	Assignment Period (Months)
1	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.	134	Uttarakhand	4.859 Km /853.79 Crore	48 Months (Construction Period)+48 Months (Maintenance Period)

1.1.1 Selection of Authority Engineer (AE) shall be as per selection procedures given in the Model Agreement for Engineering Procurement and Construction. The selected AE shall be intimated to the Contractor.

1.1.2 National Highway & Infrastructure Development Corporation Ltd (Name of Employer) intends to appoint a Consultant to act as Authority's Engineer for implementation of this EPC project. As per the Terms and Conditions of the EPC Agreement (s), the Authority's Engineer shall perform all the duties as per TOR given in this RFP along with any amendment thereof. The selection of Authority's Engineer shall follow the laid down procedures given in the Contract Agreement signed between Employer and Contractor.



- 1.1.3 The RFP shall be received through “INFRACON” (www.infracon.nic.in) and will be evaluated based on details furnished on “INFRACON”. As such before submitting the proposal, the Consultant (the firm and all key personnel) shall mandatorily register and enlist themselves, on the MoRTH portal “INFRACON” and upload all relevant information to enable correct evaluation of RFP. All the bidders registered on “INFRACON” shall form a Team on “INFRACON” which would be assigned unique INFRACON Team ID. Bidders while submitting the RFP proposal shall furnish registration details including INFRACON Team ID. A copy of INFRACON Operation Procedure is enclosed for bidder’s reference.
- 1.1.4 KRA & Co., has been appointed as the financial consultant by the NHIDCL has carried out its evaluation from the CV’s Uploaded on INFRACON Portal as well as Hard Bound proposal submitted by the Bidders, The Evaluation Committee appointed by the Employer shall carry out its evaluation applying the evaluation criteria and point system specified in the data sheet. Each responsive proposal shall be attributed a technical score (ST.) Only those Bidders whose Technical proposal score 75 marks or more out of 100 shall qualify for further consideration. However, if the number of such pre-qualified applications is less than two, the Employer may, in its sole discretion, pre-qualify the Bidders whose technical score is less than 75 marks.

### Evaluation of Applications

Total 03(Three) Applications for the Project were received by NHIDCL. The same has been handed over to us for evaluation. All the Applications were evaluated by us to determine whether each Application is responsive as per the requirements of RFP and meet the Technical & Financial capacity as per the provisions of RFP.

This report presents our findings regarding the Responsiveness, Technical & Financial assessment of the following 3 (Three) Bidders, with respect to the provisions of the RFP.

S. No.	Name of Bidders
1.	M/s TPF Getinsa Euroestudios S.L. in association with M/s Rodic Consultants Pvt Ltd.
2.	M/s Meinhardt Singapore Pte. Ltd. Joint venture with M/s Amberg Engineering Ag
3.	M/s Systra S.A. in Joint Venture with M/s Pems Engineering Consultants Pvt Ltd.



## ANNEXURE - A

### Criteria for Evaluation

(Relevant paragraphs reproduced from the RFP)

#### 2. PREPARATION & SUBMISSION OF APPLICATIONS: (As Per Clause 4.1 of RFP)

- i. Detailed RFP may be downloaded from E-tendering portal of NIC i.e. <https://eprocure.gov.in> and <http://www.infracon.nic.in> and <https://www.nhidcl.com> and the Application may be submitted online following the instructions appearing on the screen.
- ii. The following shall be the form of various documents in the Application:

#### A. Only Electronic Form (to be uploaded on the E-tendering portal of Employer)

- a) Technical proposal as indicated in para 'B' below
- b) Financial proposal as per format prescribed in SECTION-5 OF RFP.

#### B. Hard copy in Original (identical to proposals to be submitted in Sealed Envelope and also electronic form to be uploaded on the E-tendering portal of Employer)

- (i) Technical Proposal in Hard Bound Form including
  - (a) Power of Attorney for signing the Application
  - (b) If applicable, the Power of Attorney for Lead Member of JV;
  - (c) Copy of Memorandum of Understanding between JV partners, if applicable;
  - (d) Copy of Memorandum of Understanding with Associate, if applicable
  - (e) Firms credentials as per format prescribed in SECTION-3 OF RFP.
  - (f) Technical proposal as per format prescribed in SECTION-4 OF RFP.
- (ii) Bid Security Rs. 2,00,000/- (Rupees Two Lakh Only) in the form of a Bank Guarantee in favour of National Highways & Infrastructure Development Corporation Ltd



## 2 Eligibility criteria (As Per Clause 11(A) of RFP)

### 2.1 Eligibility criteria

#### A. Eligibility criteria for sole bidder firm

S. No.	Experience of the firm in last 7 years		Annual Turnover***
	Preparation of DPR (NH/SH/Equivalent)	Project Supervision/IC (NH/SH/Equivalent)	
1 (a).	The firm should have minimum experience of preparation of detailed Project Report/ Feasibility Study cum Preliminary Design Report of Tunnel** project of aggregate length equal to 2 times( i.e. 9.718 KM) or more of similar category for which RFP is invited.	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..	Annual turnover (updated average of last 3 years or in each of the preceding two years) of the firm from consultancy business should be equal to or more than 2% of Estimated Project Cost .
1 (b)	Firm should also have prepared DPR/Feasibility Study Cum Preliminary Design Report/ for at least one project of similar category of Tunnel** work of 40% (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%(1.94 KM) of project length.	-

\*\*Tunnel Works for Road/Rail/Metro/Hydro Tunnel will be considered as applicable for the project for which the RFP is invited.

#### B) Eligibility Criteria for partner in case of JV (not more than 1 JV partner shall be allowed):-

The lead partner must fulfill atleast 50% of requirements at 1(a) of table in para (A) above and other JV partner should fulfill atleast 30% of eligibility criteria as indicated at 1(a) of table in para (A) above. Also the lead partner and JV partner jointly should meet the eligibility criteria as mentioned at 1(a) of table in para (A) above. Lead partner should meet the criteria 1 (b) of table in para (A) above.



**Note:** The weightage given for experience of a firm would depend on the role of the firm in the respective assignments. The firm's experience would get full credit if it was the sole firm in the respective assignment. If the bidder firm has completed projects as JV with some other firms, weightage shall be given as per the JV share\*\*\*. However if the bidder firm has executed the project as associate with some other firms, 25% weightage shall be given to the bidder firm for the projects completed under such association.

\*\*\* For weightage of experience in any past Consultancy assignment, experience certificate from the client shall be submitted. In absence of clear demarcation of JV share in client certificate, the weightage will be treated as 60 % for lead partner and 40% for minor partner.

**2.2 Annual turnover duly certified by Chartered Accountant shall be accepted. In case of non-availability of such documents no weightage of turnover/experience will be considered.**

Following enhancement factor will be used for the cost of services provided and for the turnover from consultancy business to a common base value for works completed in India:

Year of completion of services / turnover	Enhancement factor
Financial year in which RFP invited	1.00
One year prior to RFP	1.10
Two year prior to RFP	1.21
Three year prior to RFP	1.33

Bidder should indicate actual figures of costs and amount for the works executed by them without accounting for the above-mentioned factors.

**2.3 The points assigned to Technical Evaluation criteria are: (As per Data Sheet of RFP)**

S. No.	Description	Marks
1.	Relevant experience for the assignment	25
2.	Qualifications and competence of the key staff for the assignment	75
	<b>Total</b>	<b>100</b>

**(i) Sub criteria for Relevant Experience of the firm for the assignment.**

Criteria	Marks.
Year of Establishment of the Firm (In case of JV year of establishment of Lead Member shall be considered)	2
Average Annual Turnover (last 3 years) from consultancy business	2

Experience in Construction Supervision/Independent Engineer/Authority Engineer in transportation Tunnel Projects (Road/Rail/Metro) of 40% of project length or 1.94 Km in length, which ever in minimum for which the RFP is invited in last 7 years*	16
Experience in DPR preparation/ Feasibility Study Cum Preliminary Design Report for transportation Tunnel Projects of Road/rail/Metro of 40% of project length or 1.94 Km in length, which ever in minimum for which the RFP is invited in last 7 years*	5
Total	25

Consultants should give details of the experience of the firm considering the completed and the on-going highway assignments, separately for PPP and non-PPP Projects along with experience certificates from clients. This list of the completed works should also include those assignments which are substantially (90% of Contract value) completed. No Qualification/Experience etc. shall be considered without proof of experience.

Experience of Consultant for having offered consultancy services to a private organization shall also be considered as relevant experience for current assignment, provided the experience is duly endorsed by the respective Government Agency.

(ii) Sub criteria for Adequacy Qualification and competence of following professional/sub-professional staff for the assignment shall be evaluated. The weightage for various key staff are as under:-

S. No	Staff Position	Marks.
1	Team Leader Cum Senior Tunnel Expert	15
2	Residential Engineer cum Excavation Specialist	10
3	Senior Geotechnical Expert	10
4	Tunnel Design Engineer	10
5	Tunnel ventilation Cum E&M expert	7
6	Senior Geologist	7
7	Tunnel Safety Expert	8
8	Contract Specialist	3
9	Instrumentation & Control (SCADA) Expert	5
	<b>Total</b>	<b>75</b>

(iii) Sub criteria for qualification of key Personnel (i.e. Professional staff)

General qualifications	25
Adequacy for the project	70
Employment with firm	5
Total	100

The technical proposal should score at least 75 points to be considered responsive for financial evaluation.



## 2.4

### Preparation of Technical Proposal

2.4.1 Bidder is expected to examine all terms and conditions included in the documents. Failure to act or to provide all requested information will be at your own risk and may result in rejection of your proposal.

2.4.2 During preparation of the Technical proposal the Bidder may give particular attention to the following:

- i. The man-months for the assignment shall be that stated in the Terms of Reference. The same shall be considered for the purpose of evaluation as well as award. In case the man months of TOR are amended in view of Client's own initiative or in response to clarification sought by any Consulting firm, the man months so amended and published shall be considered for the purpose of evaluation as well as award.
- ii. The Consultants should prefer to field as many of their permanent staff as possible. The permanent staff would be considered those already employed with the firm prior to one year from the month during which this Tender Notice is issued. Bidder shall submit the details of the period of employment of the proposed personnel with the firm.
- iii. No alternative to key professional staff may be proposed and only one Curriculum Vitae (CV) may be submitted for each position and.
- iv. A good working knowledge of the language specified in the data sheet is essential for key professional staff on this assignment. Reports must be in the language (s) specified in the data sheet.

2.4.3 Technical Proposal must provide the following information, using but not limited to the formats attached.

- i. A brief description of the firm's organisation and an outline of recent experience of the Consultants and, in the case of Joint Venture, for each partner, on assignments of a similar nature. The information which you shall provide on each assignment should indicate, inter-alia, the profiles of the staff provided, duration, contract amount and firm's involvement. The details of assignments on hand shall also be furnished by the consultant and their JV partner, separately.
- ii. Any comments or suggestions on the ToR and a description of the methodology (work plan) which the firm proposes to execute the services, illustrated with bar charts of activities.
- iii. The composition of the proposed staff team, the tasks which shall be assigned to each and their timing;



iv. Requirement for submission of CVs

- a. CVs strictly in the prescribed format are to be furnished on Infracon Portal.
- b. Key information should include years with the firm and degree of responsibility held in various assignments. In CV format, at summary, the individual shall declare his qualification & total experience (in years) against the requirements specified in TOR for the position (Ref. Enclosure-B of TOR). If any information is found incorrect, at any stage, action including termination and debarment from future projects upto 2 years may be taken by Employer on the personnel and the Firm.
- c. If same CV is submitted by two or more firms in an assignment, zero marks shall be given for such CV. Key personnel has to certify in their CV that he has not consented to any consultant other than the bidder to propose their CV for any position for this assignment. In case the key personnel is found having given consent to more than one bidder, he shall be debarred by the Employer for 2 years.
- d. Deleted
- e. All the CVs which are to be evaluated should be complete in all respects. The CVs of the sub professional staffs complete in all respects including signing and certification by the individual and the firm shall be required to be submitted by the selected bidder during Contract Negotiation and shall be evaluated vis-a-vis the qualifications and experience requirements by the client. It is clarified that the firm's proposal shall be evaluated only on the basis of its experience and key professional staff.
- f. If a CV score less than 75% marks, whatever marks it score will be carried forward for maximum 3 nos. key personnel for determining the total score of the firm. However, if the Key Personnel does not fulfill the minimum academic qualification (as mentioned at Enclosure-B of TOR of RFP), the overall score of his CV will be evaluated as zero. If the Key Personnel does not fulfill the minimum qualification related to experience (as mentioned at Enclosure-B of TOR of RFP) then zero marks will only be assigned for that sub criteria, but the marks obtained by the CV of the Key Personnel will be carried forward for maximum 3 nos. key personnel for determining the total score of the firm. In case, a firm is H-1, then all such Key Personnel (whose CV scores less than 75% or who does not fulfill the minimum qualification) will have to be replaced by the firm at the time of contract negotiations by persons scoring at least 75% marks. The reduction in remuneration of such replacements shall be 5%, 10% and 15 % for 1st replacement, 2nd replacement and 3rd replacement respectively. In case more than 3 CV scores less than 75% marks or Team leader cum Highway Engineer scores less than 75% marks, the proposal shall be considered nonresponsive. During negotiation, Key Personnel will be required to produce certificate regarding qualification. However, the officials retired from MoRT&H/State/UT PWD may be exempted from producing the experience certificate.



- g. Deployment Schedule for each key personnel should be formulated and incorporated in the Technical Proposal which will be reviewed on quarterly basis.
- h. Estimates of the total time effort (person x months) to be provided for the services, supported by bar chart diagrams showing the time proposed (person x months) for each professional staff and sub professional staff.
- i. A certification to the effect should be furnished by the Consultant that they have checked the qualifications and experiences details submitted by the key personnel in their CVs and found to be correct. This certification should be made in CVs of all key personnel after the certification by the candidate. The format of CV includes certification to this effect.
- j. Each key personnel of the preferred Consultant shall be called for interview at the time of negotiation at the cost of Consultant.
- k. Replacement of key personnel shall be considered only in unavoidable circumstances. In no case more than two replacements of key personnel shall be permitted during negotiation and in such cases Consultant and such key personnel shall have to submit affidavit to the effect that during the period of assignment specified in para 8 of Section:1, the replaced key personnel shall not be professionally employed anywhere in Employer's works. Employer shall not further consider CV of such key personnel directly or indirectly for any of its projects for this period. The reduction in remuneration of such replacements shall be 5% and 10% for 1st replacement and 2nd replacement respectively within validity period of bid. In case during negotiations held within validity period of bid, more than two replacements are sought by the H-1 consultant; his proposal shall be considered as Non-Responsive. In such case the combined score of remaining technically qualified firms, meeting the non-conflict condition shall be evaluated to arrive at new H-1. In case during interaction with the key personnel at the time of negotiation it is found that the key personnel proposed is un-suitable for the assignment position, his replacement by equivalent or better shall be provided by the consultant. The key personnel with such unsuitable CV shall not be considered in any future bids for that position for two years. No deduction for such replacement who are not found suitable during interaction shall be made. In the eventuality that a firm becomes non-responsive, for the third time, due to the action of replacements of more than 2 key personnel during negotiation, the firm and its constituent JV partners and Associates shall be debarred upto one year for Employer's consultancy projects.



## ANNEXURE-B

### Broad Principles adopted for RFP Evaluation

#### 3. Broad Principle (as discussed with Authority):

As per our discussion held with the Authority, following assumptions have been considered for carrying out the evaluation:

##### A. Firm's Relevant Experience

- i) Cut-off Date for Eligible Projects completed during last 7 years For the purpose of determining the Firm's relevant experience in last 7 years only those Projects have been considered which have been completed between the dates from October 24, 2011 to October 25, 2018. Hence, if a project's completion date falls before 24.10.2011, then such project has not been considered for eligible experience towards DPR/ Feasibility Study Cum Preliminary Design Report / Project Supervision/Independent Engineer. Whereas, in cases where completion year is mentioned as 2011 & date and month of completion is not mentioned, the said projects have not been considered, assuming that the completion date is before the cut off date.
- ii) Date of Completion of the Projects – In case the Date of Completion of Project is not mentioned in the Completion Certificate, then, for the purpose of determining whether the project is completed in the last 7 years, the Date of Issuance of the Completion Certificate has been considered as the Date of Completion of the Project and information given in Experience Certificate/Completion Certificate issued by the Government client / Agencies has been considered as Final
- iii) Experience of Detailed Engineering Design/Detailed Design. Where the Detailed Engineering Design/ Detailed Design have been carried out as a part of Consultancy Services the same has been considered as part of Experience in DPR Projects.

##### B. Relating to Qualification and Competence of the Key Staff for adequacy of the Assignment

###### (i) Qualification of the Key Personnel

No Marks have been awarded where the specialization/Stream of the Desirable Educational Qualification is claimed by the Key Personnel in the CV but the same has not been reflected in the Degree/Qualification Certificate.

###### (ii) Marks towards Employment with the Bidder Firm

While ascertaining the Employment with the firm:

- (a) Only the current employment till date of invitation of the proposal/NIT has been considered. Any past employment with the Firm has not been considered in period of Employment with the Firm.

- (iii) For evaluating the CV similar capacity of Tunnel Ventilation cum E&M Expert, designation Executive engineer/Superintending engineer have been considered in similar capacity.



**ANNEXURE-C**

**Summary of Final RFP Evaluation**

**Evaluation of Stage-I Technical Proposal. (As per Clause 11(A) - Section-1 of RFP)**

4.1 At the outset bids have been evaluated on the basis of minimum eligibility requirement and relevant experience of firm for this assignment (as per requirements provided in Clause 4.1(ii) - Section-2 of RFP & Clause 11(A) - Section-1 of RFP).

On the basis of the evaluation, two (2) out of two (3) bidders are not meeting the criteria of minimum eligibility and relevant experience. Accordingly, the Bidders have been considered as non-responsive.

The name of the bidders along with their reasons of non-responsiveness is mentioned as below:

S. No	Name of Firm	Remarks/ Reasons
2/3	<b>M/s Meinhardt Singapore Pte. Ltd. Joint venture with M/s Amberg Engineering Ag</b>	<p>As per RFP Document, Section 1, Clause 11 , S. No. 1 (a) &amp; (b), Preparation of DPR (NH/SH/Equivalent), the firm should have minimum experience of preparation of detailed Project Report/Feasibility Study Cum preliminary design report of Tunnel project of aggregate length equal to 2 times(i.e. 9.718 Km) or more of similar category for which RFP is invited and Firm should also have 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 respectively. In case of joint venture/consortium, above mentioned eligibility criteria are to be met jointly by the lead member and JV Partner of joint venture.</p> <p>Further, as per RFP's Section 1, point no. 11 B, in case of the JV, the lead member must fulfill at least 50% of eligibility criteria mentioned above and other JV partner should fulfill atleast 30%of eligibility criteria as described above also.</p> <p>However, in the case of M/s Meinhardt Singapore Pte. Ltd. Joint venture with M/s Amberg Engineering Ag, the Lead member is not meeting both the above mentioned eligibility criteria, whereas, JV partner is meeting the criteria. Further, eligibility to be met Jointly by both partners has also not met.</p> <p>Hence, bidder has been considered as Non Responsive.</p>



3/3	<b>M/s Systra S.A. in association with M/s Pems Engineering Consultants Pvt Ltd.</b>	<p>As per RFP, Point No 4.1(ii)(B)(I)(c) of Section 2, Letter of Invitation, Copy of Memorandum of Understanding between JV partners shall be submitted in Technical Proposal.</p> <p>However, in case of M/s Systra S.A. in Joint Venture with M/s Pems Engineering Consultants Pvt Ltd., the bidder has not submitted Memorandum of Understanding between JV partners.</p> <p>However, we would like to bring to your kind notice that Systra SA has submitted the Bid with Infracon Unique Team ID <b>2018-814-31105_9963(changed)</b>, where PEMS Engineering Consultants Pvt Ltd. is JV Partner, but Appendix B1 submitted by Bidder does not mention about the said Joint Venture.</p> <p>Further, Bidder has not submitted credentials for JV Partner in Technical Proposal.</p> <p>Also, if we consider the profile of the JV Partner from Infracorn, JV Partner PEMS Engineering Consultants Pvt. Ltd. is ineligible and not fulfilling 30% Eligibility Criteria.</p> <p>Hence bidder has been considered as non-responsive.</p>
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We would also like to mention few facts as noted below.

- In case of TPF Getinsa Eurostudios, Power of Attorney for Lead member was submitted by Associate Partner, executed on 23<sup>rd</sup> October, 2018 whereas letter (Appendix B-1) was signed on 18<sup>th</sup> October, 2018. Power of Attorney in favour of Signing Person from Company was executed on 18<sup>th</sup> February, 2015.

4.2 On the basis of evaluation, one (1) out of three (3) bidders is meeting the minimum eligibility requirement and relevant experience of firm for the assignment (as per criteria provided in Clause 11(A) & (B) of RFP & Clause 4.1(ii) - Section-2 of RFP). Hence, both the bidders were considered for further evaluation i.e., qualifications and competence of the key staff for the assignment The bidders are as follows:

S. No. of the Proposal	Name of Bidder
1/3	M/s TPF Getinsa Euroestudios S.L. in association with M/s Rodic Consultants Pvt Ltd.



#### 4. Evaluation of Technical Proposal

Result of the Evaluation: -

Final Technical Evaluation score sheet:

S. No.	Name of Firm	Relevant experience for the assignment	Qualifications and competence of the key staff for the assignment	Total	Rank	Whether the Technical Responsive applicant is Responsive/Non-Responsive for opening of Financial Proposal.
	Max Marks	25	75	100		
1/3	M/s TPF Getinsa Euroestudios S.L. in association with M/s Rodic Consultants Pvt Ltd.	25*	67.33	92.33	H1	Responsive
2/3	M/s Meinhardt Singapore Pte. Ltd. Joint venture with M/s Amberg Engineering Ag	Non-Responsive				
3/3	M/s Systra S.A. in Joint Venture with M/s Pems Engineering Consultants Pvt Ltd.	Non-Responsive				

\* Subject to Condition that the bidder would submit Copy of original Audited Financial statements & Merger Agreements. (Bidder has submitted certified translations of the Financial Statements & Merger Agreements)



## 7. Recommendation:

Based on the assessment carried out herein below 1 firm/ Applicant/Bidder is qualifying, as per the detailed mentioned below:

S.No of Proposal	Name of Firm	Total	Remarks / Rank	Responsive/N on-Responsive
1/3	M/s TPF Getinsa Euroestudios S.L. in association with M/s Rodic Consultants Pvt Ltd.	92.33	1	Responsive
2/3	M/s Meinhardt Singapore Pte. Ltd. Joint venture with M/s Amberg Engineering Ag		Non-Responsive	
3/3	M/s Systra S.A. in Joint Venture with M/s Pems Engineering Consultants Pvt Ltd.		Non-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.**

Test of Responsiveness									
S. No.	Name of the Firm	Sole/JV Association	Power of Attorney for signing the Application	If applicable, the Power of Attorney for Lead Member of JV;	Copy of Memorandum of Understanding between JV partners, if applicable;	Copy of Memorandum of Understanding with Associate, if applicable	Firms credentials as per format prescribed in SECTION-3 OF RFP.	Technical proposal as per format prescribed in SECTION-4 OF RFP.	Registration No. on Infracon And Infracon Team ID.
1/3	M/s TPF Getinsa Eurostudios S.L. in association with M/s Rodic Consultants Pvt Ltd.	Association	Mr. D. Manoj Kumar Pg. no. 10	NA	Yes	Yes	Yes	Yes	2018-814-170-3807 india.central@tplingenia.com
2/3	M/s Meinhardt Singapore Pte. Ltd. Joint venture with M/s Amberg Engineering AG	JV	Mr. Rajesh Srivastva Pg. no. 05	Yes	Yes	NA	Yes	Yes	2018-814-14192-2575 info@meinhardtindia.com
3/3	M/s Systra S.A. in Joint venture with M/s Pems Engineering Consultants Pvt Ltd.	JV	Mr Hari Kumar Somalraju Pg. no. 06	f	Not Submitted	NA	Submitted for Lead Member Only	Submitted for Lead Member Only	2018-814-31105-9963 apa@systra.com



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
1/3	M/s TPF Getinsa Euroestudios S.L. in association with M/s Rodic Consultants Pvt Ltd.	Association
2/3	M/s Meinhardt Singapore Pte. Ltd. Joint venture with M/s Amberg Engineering Ag	JV
3/3	M/s Sysra S.A. in Joint venture with M/s Pems Engineering Consultants Pvt Ltd.	JV



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 preparation of detailed Project Report / Feasibility Study cum Preliminary Design Report of Tunnel project of aggregate length equal to 2 times (i.e. 9.718 km) or more of similar category for which RFP is invited.	The firm should have minimum experience of Project Supervision/Independent Engineer/ Authority's Engineer of Tunnel project of aggregate length equal to 3 times (i.e. 14.577 km) or more of similar category for which RFP is invited.	Firm should also have 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.	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.	Annual turnover (updated average of last 3 years) of the firm from consultancy business should be equal to or more than 2% (i.e. 17.08 cr.) of Estimated Project Cost.		
1/3	M/s TPF Getinsa Eurostudios S.L. in association with M/s Rodic Consultants Pvt Ltd.	Yes	Yes	Yes	Yes	Yes	Yes	Responsive
2/3	M/s Meinhardt Singapore Pte. Ltd. Joint venture with M/s Amberg Engineering Ag	No	Yes	No	Yes	Yes	Yes	Non-Responsive*
	M/s Meinhardt Singapore Pte. Ltd.	No	Yes	No	Yes	Yes	Yes	
	M/s Amberg Engineering Ag	Yes	Yes	Yes	Yes	Yes	Yes	
3/3	M/s Systra S.A. in Joint venture with M/s Pems Engineering Consultants Pvt Ltd.	No	No	No	No	No	Yes	Non-Responsive**
	M/s Systra S.A.	Yes	Yes	Yes	Yes	Yes	Yes	
	M/s Pems Engineering Consultants Pvt Ltd.	No	No	No	No	No	Yes	
<p>As per RFP Document, Section 1, Clause 11, S. No. 1 (a) &amp; (b), Preparation of DPR (NH/SH/Equivalent), the firm should have minimum experience of preparation of detailed Project Report/Feasibility Study Cum preliminary design report of Tunnel project of aggregate length equal to 2 times(i.e. 9.718 Km) or more of similar category for which RFP is invited and Firm should also have 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 respectively. In case of joint venture/consortium, above mentioned eligibility criteria are to be met jointly by the lead member and JV Partner of joint venture.</p> <p>Further, as per RFP's Section 1, point no. 11 B, in case of the JV, the lead member must fulfill at least 50% of eligibility criteria mentioned above and other JV partner should fulfill atleast 30%of eligibility criteria as described above also.</p> <p>However, in the case of M/s Meinhardt Singapore Pte. Ltd. Joint venture with M/s Amberg Engineering Ag, the Lead member is not meeting both the above mentioned eligibility criteria, whereas, JV partner is meeting the criteria. Further, eligibility to be met Jointly by both partners has also not met.</p> <p>Hence, bidder has been considered as Non Responsive.</p>								
<p>As per RFP, Point No 4.1(ii)(B)(D)(c) of Section 2, Letter of Invitation, Copy of Memorandum of Understanding between JV partners shall be submitted in Technical Proposal.</p> <p>However, in case of M/s Systra S.A. in Joint Venture with M/s Pems Engineering Consultants Pvt Ltd., the bidder has not submitted Memorandum of Understanding between JV partners.</p> <p>However, we would like to bring to your kind notice that Systra SA has submitted the Bid with Infracore Unique Team ID 2018-814-31105_9963(changed), where PEMS Engineering Consultants Pvt Ltd. is JV Partner, but Appendix B1 submitted by Bidder does not mention about the said Joint Venture.</p> <p>Further, Bidder has not submitted credentials for JV Partner in Technical Proposal.</p> <p>Also, if we consider the profile of the JV Partner from Infracore, JV Partner PEMS Engineering Consultants Pvt Ltd. is ineligible and not fulfilling 30% Eligibility Criteria.</p> <p>Hence bidder has been considered as non-responsive.</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.

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	whether the Technical Responsive Applicant/Bidder Eligible for opening of Financial proposal
		Assessed	Assessed	Assessed	Assessed		
		25	75	100			
	Maximum marks						
1/3	M/s TPF Getinsa Eurostudios S.L. in association with M/s Rodic Consultants Pvt Ltd.	25.00	67.33	92.33	1	Eligible	
2/3	M/s Meinhardt Singapore Pte. Ltd. Joint venture with M/s Amberg Engineering Ag					Non- Responsive	
3/3	M/s Systra S.A. in Joint venture with M/s Pems Engineering Consultants Pvt Ltd.					Non- Responsive	



Note

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.**

**FIRMS RELEVANT EXPERIENCE FOR THE ASSIGNMENT**

S.N o.	Applicant No.	Description	Max Marks	1/3	2/3	3/3
1		Year of establishment of the firm (in case of JV, year of establishment of lead member shall be considered).	2	Assessed	Not Assessed	Not Assessed
		Up to 5 years: 1.5 marks	1.5			
		More than 5 years: 2 marks	0.5			
		Average Annual Turnover (last 5 years or in each of the preceding two years) from consultancy business	2			
		< Rs 22.39 crore: 0 marks	0			
		Rs 22.39crore: 1.5	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.	0.5	2		
		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	16	16		
3		(i) 1.94 km = 0	0			
		(ii) $\geq 1.94$ Km to 4.00 Km = 12	12			
		(iii) $\geq 4.00$ to 6.00 Km = 13	13			
		(iv) $> 6.00$ to 8.00 Km = 14	14			
		(v) $> 8.00$ and equal to 10.00 Km = 15	15			
		(vi) $> 10$ and above = 16	16	16		
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.	5	5		
		1 project: 4 marks	4			
		Add 0.5 (zero point two five) marks extra for each additional project subject to maximum 1 mark.	5	5		
		<b>Total</b>	<b>25.00</b>	<b>25.00</b>		
						1





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.

Annexure-III "A"

Project Length 4.859 Km

Name of Applicant 1/3 Associate M/s TPF Getinsa Eurostudios S.L. in association with M/s Rodic Consultants Pvt Ltd.

Applicant status 14.577 Km

Project Supervision/IC(NH/SH/Equivalent) 3 times or more of project length i.e

Preparation of DPR (NH/SH/Equivalent) 2 times or more of project length i.e

Minimum Length of Single Project 40% of the project length for which RFP invited 1.9436 Km

1. Experience in Construction Supervision/Independent Engineer in Highway Projects of length equal to 40 % of projects length or more of similar capacity (2/4/6 laning\*) for which RFP is invited in last 7 years.

S.No	Client name	Project Done	Status in Past Project	% in JV	Length of Project	Lane/Bridge	Tunnel or Not	Date of Completion	% of Completion	Eligible Length of Project	Remarks	Project no.	Whether the project length is 1.04 Km or more	marks obtained
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Infrastructures DE LA GENERALITAT DE CATALUNYA	CS	SOLE	100	28.3	N/A	T	31.07.2017	99.89	28.30		1	Yes	16
Aggregate length										28.30	Yes			
Aggregate length										Eligible				

2. Experience in DPR preparation/Feasibility Study cum Preliminary Design Report for Number of Highway Projects of length 40% of project length or more of similar capacity (2/4/6 laning\*) for which RFP is invited in last 7 years.

S.No	Client name	Project Done	Status in Past Project	% in JV	Length of Project	Lane/Bridge	Tunnel or Not	Date of Completion	% of Completion	Eligible Length of Project	Remarks	Project no.	Whether the project length is 1.04 Km or more	marks obtained
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Govt Of Canary Island	JV	DPR	50	3.897	N/A	Tunnel	16.06.2015	100.00	1.95		34	Yes	
2	ADIF	JV	DPR	60	58.72	N/A	T	22.01.2012	100.00	35.23		24	Yes	5
3	Ministry of Development Paseo de la Castellana	ASSOCIATES	FS & PS	50	63.6	N/A	T	21.12.2015	100.00	31.80	*	71	Yes	
Aggregate length										68.98	Yes		Score Claimed	
Aggregate length										Eligible				



\*work is completed on July 2013 & Certificate issuing date is 21/12/2015

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.

Project Length	4.859 Km	Annexure-III-"A"
Name of Applicant	M/s Meinhardt Singapore Pte. Ltd. Joint venture with M/s Amberg Engineering Ag	
Applicant status	2/3	
Project Supervision/(CINH/SH/Equivalent)	JV	
Preparation of DPR (NH/SH/Equivalent)	3 times or more of project length i.e	14.577 Km
Minimum Length of Single Project	2 times or more of project length i.e	9.718 Km
	40% of the project length for which RFP invited	1.9436 Km

**M/s Meinhardt Singapore Pte. Ltd. (the project details claimed by the firm is as under)**

(i) Experience in Construction Supervision/Independent Engineer in Highway Projects of length equal to 40 % of projects length or more of similar capacity (2/4/6 laning\*) for which RFP is invited in last 7 years.

(ii) Experience in DPR preparation/Feasibility Study cum Preliminary Design Report for Number of Highway Projects(of length 40% of project length or more of similar capacity (2/4/6 laning\*) for which RFP is invited in last 7 years.

S.No	Client name	Project Done	Status in Past Project	% in JV	Length of Project	Lane/Bridge	Tunnel or Not	Date of Completion	% of Completion	Eligible Length of Project	Project No.	Whether the project length is 1.94 Km or More.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	14	15

1 Project No 1 to 7 are not in experience of firm in last 7 years as per Clause no. 11 (A), Section-1 of RFP document. Hence, the projects are not considered.

2 In Project No. 8, Completion Certificate issued on April, 2018 is uploaded on the INFRACON Portal wherein Project Completion Date is mentioned as 2011 and date and month for the same is not mentioned. Hence, the project is not considered.

3 Project No 9 to 12 are not in experience of firm in last 7 years as per Clause no. 11 (A), Section-1 of RFP document. Hence, the projects are not considered.

4 Project No. 13 & 14 Certificate uploaded on INFRACON Portal tunnel length is not mentioned. Hence, the projects are not considered.

5 Project No. 15 a copy of Contract Agreement of the project is uploaded on INFRACON Portal whereas required Completion Certificate is not uploaded. Hence, the project is not considered.

6 Project No.16 Certificate uploaded on INFRACON Portal tunnel length is not mentioned. Hence, the project is not considered.

7 Project No. 17 Extension of Time (EOT) letter is uploaded on INFRACON Portal whereas required Completion Certificate is not uploaded. Hence, the project is not considered.

8 Project No.18 Certificate uploaded on INFRACON Portal tunnel length is not mentioned. Hence, the project is not considered.

Land Transport Authority	CS/ DPR	Sole	100	9	N/A	Tunnel	07.06.2018	100.00	9.00	19	Yes, more
(i) The assignment of the work is Architectural / Engineering consultancy services for downtown Line MRT Contract 9181C, and have completed the overall project in 7 Packages.	(ii) Page No. 147 of bidding document wherein it is mentioned that all Detailed Design of Stations, shafts, Tunnels and Cross Passages work is submitted on 30.04.2010 which is not in experience of firm in last 7 years as per Clause no. 11 (A), Section-1 of RFP document . Hence, the project is not considered for DPR work. Further, the project is considered for civil work only.										

10 Project No.20 ,21,23 & 24 Certificate uploaded on INFRACON Portal tunnel length is not mentioned. Hence, the projects are not considered.

NHAI	DPR	Sole	100	2.48	N/A	Tunnel	—	2.48	22	Yes
Project Completion date is not clearly mentioned in the Uploaded document. Hence, the project is not considered.										

SELI	CS	JV	-	-	N/A	-	100.00	0.00	25	No
The Client completion certificate issued by SELI dated 21.03.2018 and As per RFP Appendix A, Clause Viii (b) "Only those projects, to be included in the table which are Tunnel Projects and for which clients certificates from the concerned Government agencies are enclosed with the proposal. Hence, the project is not considered										

12 Project No. 26 a copy of Contract Agreement of the project is uploaded on INFRACON Portal whereas required Completion Certificate is not uploaded. Hence, the project is not considered.

Aggregate length	9.00
	No

**Other member M/s Amberg Engineering Ag (the project details claimed by the firm is as under)**

(i) Experience in Construction Supervision/Independent Engineer in Highway Projects of length equal to 40 % of projects length or more of similar capacity (2/4/6 Laning\*) for which RFP is invited in last 7 years.  
 (ii) Experience in DPR preparation/Feasibility Study cum Preliminary Design Report for Number of Highway Projects(of length 40% of project length or more of similar capacity (2/4/6 Laning\*) for which RFP is invited in last 7 years.

S.No	Client name	Project Done	Status in Past Project	% in JV	Length of Project	Lane/Bridge	Tunnel or Not	Date of Completion	% of Completion	Eligible Length of Project	Page No.	Whether the project length is 1.94 Km or More.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	14	15

Project No. 1 The Client completion certificate issued by AlpTransit Gotthard AG on dated 07.03.2018 and As per RFP Appendix A, Clause VIII (b) "Only those projects, to be included in the table which are Tunnel Projects and for which clients certificates from the concerned Government agencies are enclosed with the proposal. Hence, the project is not considered

Project No 2 and 3 are not in experience of firm in last 7 years as per Clause no. 11 (A), Section-1 of RFP document. Hence, the project are not considered.

Project No. 4 and 5, the Client completion certificate issued by AlpTransit Gotthard AG and As per RFP Appendix A, Clause VIII (b) "Only those projects, to be included in the table which are Tunnel Projects and for which clients certificates from the concerned Government agencies are enclosed with the proposal. Hence, the projects are not considered.

Project No. 6, the Completion Certificate uploaded on INFRACON Portal wherein completion date of project is mentioned as 15.04.2010 but issuing date of completion certificate is 21.03.2012 by IRCON International LTD. whereas as per RFP document Clause No. 11 (A) of Section-1 stated that the experience of firm in last 7 year. Hence, this project is not considered because the is not within last 7 year from bid due date.

5	KRCL	CS/DPR	Sole	100	7.91	N/A	Tunnel	31.03.2018	yes	7.91	7	yes	The scope of the work Detail Design for Construction, Construction Supervision and 3D monitoring of tunnel. Hence, the project is considered in both Civil Supervision and DPR work.
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Project No. 8, The Client completion certificate issued by ITD - ITD CEM Joint Venture dated 02.07.2018 and As per RFP Appendix A, Clause VIII (b) "Only those projects, to be included in the table which are Tunnel Projects and for which clients certificates from the concerned Government agencies are enclosed with the proposal. Hence, the project is not considered

Project No. 9, The Client completion certificate issued by L&T SUCG (JV) dated 02.05.2018 and As per RFP Appendix A, Clause VIII (b) "Only those projects, to be included in the table which are Tunnel Projects and for which clients certificates from the concerned Government agencies are enclosed with the proposal. Hence, the project is not considered

Project No. 10 & 11 a copy of LOA of the project is uploaded on INFRACON Portal whereas required Completion Certificate is not uploaded. Hence, the projects are not considered.

Aggregate length	
7.91	Yes
	Eligible

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.

Annexure-III."A"

Project Length 4.859 Km

M/s Systra S.A. in Joint venture with M/s Pems Engineering Consultants Pvt Ltd.

Name of Applicant

3/3

Applicant status

IV

Project Supervision/IC(NH/SH/Equivalent)

3 times or more of project length i.e

14.577 Km

Preparation of DPR (NH/SH/Equivalent)

2 times or more of project length i.e

9.718 Km

Minimum Length of Single Project

40% of the project length for which RFP invited

1.9436 Km

M/s Systra S.A. in other member with M/s Pems Engineering Consultants Pvt Ltd.

Experience in Construction Supervision/Independent Engineer in Highway Projects of length equal to 40% of projects length or more of similar capacity (2/4/6 laning\*) for which RFP is invited in last 7 years.

S.No	Client name	Project Done	Status in Past Project	% in JV	Length of Project	Lane/ Bridge	Tunnel or Not	Date of Completion	% of Completion	Eligible Length of Project	Project no.	Whether the project length is 1.94 Km or More.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	14	
	Department of Savoie, Infrastructure Branch	CS	SOLE	100	1.5	N/A	Tunnel	29.03.2013	100.00	1.50	4	No	Client is Department of France, hence Considered Government
1	SFTRF	CS	SOLE	100	12.8	N/A	Tunnel	20.07.2018	91.00	12.80	3	Yes	Considered (Client is Semi Govt.)
2	RATP	CS	SOLE	100	3.82	N/A	Tunnel	31.07.2013	100.00	3.82	1	Yes	Considered
3	RATP	CS	SOLE	100	1.5	N/A	Tunnel	00.03.2013	100.00	1.50	2	Yes	Considered
4	National Authority for Tunnel for Egypt	CS	SOLE	100	7.7	N/A	Tunnel	00.01.2016	101.00	7.70	8	Yes	Considered
5								Aggregate length		27.32			
													Yes
													Eligible

2. Experience in DPR preparation/Feasibility Study cum Preliminary Design Report for Number of Highway Projects (of length 40% of project length or more of similar capacity (2/4/6 laning\*) for which RFP is invited in last 7 years.

S.No	Client name	Project Done	Status in Past Project	% in JV	Length of Project	Lane/ Bridge	Tunnel or Not	Date of Completion	% of Completion	Eligible Length of Project	Project no.	Whether the project length is 1.94 Km or More.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	14	
1	RESEAU FERRE DE FRANCE	DPR	.....	.....	.....	N/A	.....	12.11.2013	100.00	.....	7	No	In the Client certificate, the length of Tunnel is not mentioned.Hence the project is not considered.
2	SOCIETE	Preliminary and Detailed Design for Tunnel, Structure	JV	84.14	21	N/A	Tunnel	26.08.2023	100.00	21.00	9	Yes	The firm is working as Construction Supervision and provide Preliminary and Detailed Design for Tunnel, Structure to the client. Hence, the project is considered for DPR work.
3	Societe de la Mobilité	DPR	SOLE	100	15	N/A	T	31.08.2018	100.00	15.00	10	Yes	Considered
4	RDF	-	SOLE	100	10	N/A	T		100.00	10.00	5	Yes	Not considered due to the work is not clearly mentioned (DPR or Supervision Work).
								Aggregate length		15.00			
													Yes
													Eligible

**Other member M/s Pems Engineering Consultants Pvt Ltd. (the project details claimed by the firm is as under)**

2. (i) Experience in Construction Supervision/Independent Engineer in Highway Projects of length equal to 40% of projects length or more of similar capacity (2/4/6 Laning*) for which RFP is invited in last 7 years.													
S.No	Client name	Project Done	Status in Past Project	% in JV	Length of Project	Lane/Bridge	Tunnel or Not	Date of Completion	% of Completion	Eligible Length of Project	Project no.	Whether the project length is 1.94 Km or More.	Remarks
1		3	4	5	6	7	8	9	10	11	12	14	15
1													Not Considered due to the completion date is not mentioned.
2	BRO	CS	Association	25	8.8	N/A	Tunnel	-	-	2.20	5	-	
Project No. 6 a copy of LOA of the project is uploaded on INFRACON Portal whereas required Completion Certificate is not uploaded. Hence, the project is not considered.													
4													
Project No. 7 Certificate uploaded on INFRACON Portal wherein tunnel length is not mentioned. Hence, the project is not considered.													
5													
Project No. 8 a copy of LOA of the project is uploaded on INFRACON Portal whereas required Completion Certificate is not uploaded. Hence, the project is not considered.													
6													
Project No. 9 to 11, No document uploaded on INFRACON Portal. Hence, the projects are not considered													
										Aggregate length		2.20	
										No			
										Non-Eligible			



Summary Sheet of CV's					
S. No.	Details	Total Marks	1/3		
			M/s TPF Getinsa Euroestudios S.L. in association with M/s Rodic Consultants Pvt Ltd.		
			Name	Score	Assesed @75
1	Team Leader cum Senior Tunnel Expert	15	Nikolaos Vittis	90	13.5
2	Resident cum Tunnel Excavation Expert	10	Lalit Kumar Verma	90	9
3	Tunnel Design Engineer	10	Jaime Otazua	90	9
4	Tunnel Safety Expert	8	Shamsha Ali	91	7.28
5	Senior Geotechnical Expert	10	Konst A Stergiopoulos	90	9
6	Senior Geologist	7	Sarvesh Misra	95	6.65
7	Tunnel ventilation Cum E&M expert	7	Rajnish Kumar Sharma	95	6.65
8	Contract Specialist	3	Neeraj Sharma	75	2.25
9	Instrumentation & Control (SCADA) Expert	5	Anurag Swain	80	4
		75			67.33

Team Leader cum Senior Tunnel Expert			
S. No.	Applicant No.	Max Marks	1/3
	Name of the Applicant		M/s TPF Getinsa Euroestudios S.L. in association with M/s Rodic Consultants Pvt Ltd.
	Name of Key Personnel		Nikolaos Vittis
	Date of Birth of KP's		11.10.1958
	Description		Assessed
1	General Qualification	25	20
i)	Graduate in Civil/Mining Engineering or equivalent	20	20
ii)	Post-Graduate or chartered engineer in civil/Mining Engineering or equivalent	5	0
2	Adequacy for the Project	75	
	Total Professional Experience	7	7
	<25 years - 0 marks		
a i)	25 years - 5 marks		5
	Add 1 mark extra for each additional year of experience subject to maximum 2 (two) marks.		2
Project Details Considered			Project s.no. 1 to 15 ( 1/5/1982 to 31/1/2018) 35 years and 9 months
	Total professional experience in handling major tunnelling projects (Road/Rail/Metro/Hydro Tunnel)	8	8
a ii)	<15 years - 0 marks		
	15 years - 6 marks		6
	Add 1 mark extra for each additional year of experience subject to maximum 2 (two) marks.		2
Project Details Considered			Project s.no. 4 and 7 to 15 23 years and 1 months
	Experience in major tunnel construction/construction supervision projects (Road/Rail/Metro/Hydro Tunnel) in Developed countries and Middle East Countries.	10	10
iii)	<10 years - 0 marks		
	10 years - 7 marks		7
	Add 1.5 marks extra for each additional year of experience subject to maximum 3 marks.		3
Project Details Considered			Project s.no. 4 and 7 to 15 23 years and 1 months
	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
b i)	<5 years - 0 marks		
	5 years - 7 marks		7
	Add 1.5 marks extra for each additional year of experience subject to maximum 3 marks.		3
Project Details Considered			Project s.no. 4,7,10,12,13,14 & 15 15 years and 9 months
	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
b ii)	1 Project - 8 marks		8
	Add 1 mark extra for each additional projects subject to maximum 2 marks.		2
Project Details Considered			Project s.no. 8,9,11
	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
b iii)	< 2 projects - 0 marks		
	2 Projects - 15 marks		15
	Add 1.25 mark extra for each additional projects subject to maximum 5(five) marks		5
Project Details Considered			Project s.no. 4,7,10,12,13
Project Details Considered			Project s.no. 4,14
	Experience in construction supervision of major tunnel projects (Road/Rail/Metro/Hydro Tunnel) using NATM	5	5
c)	1 project - 4 marks		4
	2 or more projects - 5 marks		1
Project Details Considered			Project s.no. 4,14
Project Details not Considered			N/A
	Employment with the Firm	5	0
3	< 1 year -0		0
	> 1 year to 2 years - 2 marks		
	> 2 years to 3 years - 3 marks		
	> 3 years - 5 marks		
Total		100	90
Weightage @ 75		15	13.5
1			

Resident cum Tunnel Excavation Expert			
S. No.	Applicant No.	Max Marks	1/3
	Name of the Applicant		M/s TPF Getinsa Euroestudios S.L. in association with M/s Rodic Consultants Pvt Ltd.
	Name of Key Personnel		Lalit Kumar Verma
	Date of Birth of KP's		26.08.1967
	Description		Assessed
1	General Qualification	25	20
	I) Graduate in Civil/Mining Engineering	20	20
	II) Post graduate or Chartered in Civil/Mining Engineering	5	0
2	Adequacy for the Project	70	
	Total Experience in supervision of major Tunnel Projects (Road/Rail/Metro/Hydro Tunnel) < 15 years - 0	15	15
	a i) 15 years - 12 marks		12
	Add 1 mark extra for each additional year of experience subject to maximum 3 (three) marks		3
	Project Details Considered		Project s.no. 1,2,4,6,7,9,10,11 19 years and 11 months
	Experience in construction supervision of major tunnelling projects (Road/Rail/Metro/Hydro Tunnel) in developed countries and Middle East Countries < 7 years - 0	10	10
	a ii) 7 years - 7 marks		7
	Add 1.5 marks extra for each additional year of experience subject to maximum 3 (three) marks.		3
	Project Details Considered		Project s.no. 6,7,9,10,11 12 years and 9 months
	Experience as Tunnel Excavation Expert or similar capacity in construction supervision of major tunnelling projects (Road/Rail/Metro/Hydro Tunnel) < 10 years - 0	10	10
	b i) 10 years - 7 marks		7
	Add 1.5 marks extra for each additional year of experience subject to maximum 3 (three) marks.		3
	Project Details Considered		Project s.no. 4,6,7,9,10,11 14 years and 4 months
	Project Details not Considered		N/A
	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) < 2 projects - 0	20	20
	ii) 2 projects - 15 marks		15
	Add 2.5 marks extra for each additional projects subject to 5 (five) marks.		5
	Project Details Considered		Project s.no. 4,6,7,9
	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	10
	iii) 1 project - 7 marks		7
	Add 1 mark extra for each additional projects subject to maximum 3 (three) marks.		3
	Project Details Considered		Project s.no. 3,5,8,12
	Project Details not Considered		N/A
	Experience in construction of major tunnel projects (Road/Rail/Metro/Hydro Tunnel) using NATM 1 project - 3 marks	5	5
	c Add 1 mark extra for each additional projects subject to maximum 2 (two) marks.		3
	Project Details Considered		Project s.no. 1,4,2
	Project Details not Considered		N/A
	Employment with the Firm < 1 year - 0	5	0
	3 > 1 year to 2 years - 2 marks		0
	> 2 years & upto 3 years - 3 marks		0
	> 3 years - 5 marks		0
	Total	100	90
	Weightage @ 75	10	9
			1
	Project Details Considered		Project s.no. 4,6,7,9,10,11
	Project Details not Considered		N/A
	Employment with the Firm < 1 year - 0	5	0
	3		0



Tunnel Design Engineer			1/3	
S. No.	Applicant No.	Max Marks	M/s TPF Getinsa Euroestudios S.L. In association with M/s Rodic Consultants Pvt Ltd.	M/s Meinhardt Singapore Pte. Ltd. Joint venture with M/s Amberg Engineering Ag
	Name of the Applicant		Jaime Otazua	11.09.1966
	Name of Key Personnel		Assessed	
	Date of Birth of KP's			
	Description			
1	General Qualification	25	20	
	i) Graduate in Civil Engineering/Mining Engineering from a recognised university	20	20	
	ii) Post-Graduate in Engineering (Structural)/Mining Engineering from a recognised university	5	0	
2	Adequacy for the Project	70		
	Total Experience Professional Experience	15	15	
	< 20 years -0			
a i)	20 years -11		11	
	Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks		4	
	Project Details Considered		Project s.no. 1 to 19 25 years 6 months 24 days(01/04/1993 to 25/10/2018)	
	Project Details not Considered		N/A	
	Experience of design/ project preparation/ preliminary study involving major Tunnel (Road/Rail/Metro/Hydro Tunnel) projects in developed countries and Middle East Countries	10	10	
a ii)	<10 years - 0			
	10 years- 7 marks		7	
	Add 1 mark extra for each additional year of experience subject to maximum 3 (three) marks		3	
	Project Details Considered		Project s.no. 1,2,3,4,6,7,8,9,10,11,13,15 18 years	
	Experience in tunnel design (Road/Rail/Metro/Hydro Tunnel) works in similar capacity	10	10	
	<12 years - 0			
b i)	12 years - 7 marks		7	
	Add 1 mark extra for each additional year of experience subject to maximum 3 (three) marks.		3	
	Project Details Considered		Project s.no. 1 to 19 25 years and 6 months	
	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	
ii)	< 3 projects - 0			
	3 projects - 11 marks		11	
	Add 1 mark extra for each additional projects subject to maximum 4 (four) marks.		4	
	Project Details Considered		Project s.no. 2,3,4,6,7,8,9	
	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	10	
iii)	<2 projects - 0			
	2 projects - 7 marks		7	
	Add 1.5 mark extra for each additional projects subject to maximum 3(three) marks.		3	
	Project Details Considered		Project s.no. 5,12,14,17	
	Experience in innovation tunnel design (Road/Rail/Metro/Hydro Tunnel) like immersed tunnel and sub-sea bored tunnel	5	0	
c i)	1 projects - 4 marks		0	
	2 or more projects -5 marks		0	
	Project Details Considered		No project found	
	Experience in design tunnel projects(Road/Rail/Metro/Hydro Tunnel) using NATM		5	
c ii)	1 project - 4 marks		4	
	2 or more projects - 5 marks		1	
	Project Details Considered		Project s.no. 2,3	
	Project Details not Considered		N/A	
	Employment with the Firm	5	5	
	< 1 year -0			
3	> 1 year to 2 years - 2 marks			
	> 2 years to 3 years - 3 marks			
	> 3 years - 5 marks		5	
	Total	100	90	
	Weightage @ 75	10	9	
			1	



TUNNEL SAFETY EXPERT			
S. No.	Applicant No.	Max Marks	1/3
	Name of the Applicant		M/s TPF Getinsa Euroestudios S.L. in association with M/s Rodic Consultants Pvt Ltd.
	Name of Key Personnel		M/s Meinhardt Singapore Pte. Ltd. Joint venture with M/s Amberg Engineering Ag
	Date of Birth of KP's		Shamsha Ali
	Description		09.01.1971
			Assessed
1	General Qualification	25	25
I)	Post-Graduate in Civil/Mining Engineering	20	20
II)	Deploma in Safety Measures from a recognized/statutory body on safety/health/shot firer	5	5
2	Adequacy for the Project	70	
	Total Professional Experience	15	11
	< 20 years -0		
a i)	20 years -11		11
	Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks.		0
	Project Details Considered		Project s.no. 1 to 9 20 years 4 months 24 days
	Project Details not Considered		All the projects are considered
	Experience Tunnel (Road/Rail/Metro/Hydro Tunnel) Safety Works	15	15
	<10 years - 0		
ii)	10 years - 11 marks		11
	Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks		4
	Project Details Considered		Project s.no. 1 to 9 20 years 4 months 24 days
	International exposure in tunnel safety works in developed countries and Middle East Countries	10	10
	<7 years - 0		
iii)	7 years - 7 marks		7
	Add 1 mark extra for each additional projects subject to maximum 3 (three) marks.		3
	Project Details Considered		Project s.no. 3 to 9 17 years
	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	20
b i)	< 2 projects - 0		
	2 projects - 15 marks		15
	Add 1.25 mark extra for each additional projects subject to maximum 5 (five) marks.		5
	Project Details Considered		Project s.no. 1,2,6,7,8,9
	Experience in similar capacity of Tunnel Safety Audits in design stage on tunnel projects (Road/Rail/Metro/Hydro Tunnel)	10	10
b ii)	1 project - 8 marks		8
	2 or more - 10 marks		2
	Project Details Considered		Project s.no. 3,4
	Employment with the Firm	5	0
	< 1 year -0		0
	> 1 year to 2 years - 2 marks		
	> 2 years to 3 years - 3 marks		
3	> 3 years - 5 marks		
	Total	100	91
	Weightage @ 75	8	7.28



Senior Geotechnical Expert			
S. No.	Applicant No.	Max Marks	
			1/3
			2/3
	Name of the Applicant		M/s TPF Getinsa Euroestudios S.L. in association with M/s Rodic Consultants Pvt Ltd.
	Name of Key Personnel		Konstantinos Stergiopoulos
	Date of Birth of KP's		07.01.1961
	Description		Assessed
1	General Qualification	25	20
	I) Graduate in Civil Engineering / Masters in Engineering Geology or equivalent from a recognized university	20	20
	II) Post Graduate in Rock Mechanics / Foundation Engineering/ Tunnel Engineering/Geotechnical Engineering	5	0
2	Adequacy for the Project	70	
a	Total Professional Experience	15	15
	<20 years - 0		
i)	20 years - 11 marks		11
	Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks.		4
	Project Details Considered		Project s.no. 1 to 16 32 years and 4 months
	Experience in Construction/ Construction Supervision of major tunnel projects (Road/Rail/Metro/Hydro Tunnel) in developed and Middle East countries	15	15
ii)	< 12 years - 0		
	12 years - 10 marks		10
	Add 1 mark extra for each additional year of experience subject to maximum 5 (five) marks		5
	Project Details Considered		Project s.no. 3,4,5,7,9,11,13,14,16 20 years and 8 months
	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	25
b i)	< 4 projects - 0		
	4 projects - 17 marks		17
	Add 2 mark extra for each additional project subject to maximum 8 (eight) marks.		8
	Project Details Considered		Project s.no. 3,4,5,7,9,11,13,14,16
	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	15
ii)	< 2 projects - 0		
	2 projects - 11 marks		11
	Add 2 marks extra for each additional projects subject to maximum 4 (four) marks.		4
	Project Details Considered		Project s.no. 2,6,8,10,12,15
	Project Details not Considered		N/A
	Employment with the Firm	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		
	Total :	100	90
	Weightage @ 75	10	9

SR. GEOLOGIST			
S. No.	Applicant No.	Max Marks	1/3
	Name of the Applicant		M/s TPF Getinsa Euroestudios S.L. in association with M/s Rodic Consultants Pvt Ltd. M/s Meinhardt Singapore Pte. Ltd. Joint venture with M/s Amberg Engineering Ag
	Name of Key Personnel		Sarvesh Misra
	Date of Birth of KP's		13.01.1955
	Description		Assessed
	General Qualification	25	25
1	1) Masters in Geology /Applied Geology from recognized university	25	25
2	Adequacy for the Project	70	
	Total Professional Experience	20	20
	<20 years - 0		
a i)	20 years - 15 marks		15
	Add 1 mark extra for each additional year of experience subject to maximum 5 (five) marks.		5
	Project Details Considered		Project s.no. 1 to 14 26 years and 6 months( 1/8/1988 to 31/1/2015)
	Experience in major Tunnel construction/construction supervision Projects (Road/Rail/Metro/Hydro Tunnel) in Himalayan Region using NATM technology	15	15
ii)	< 5 years - 0		
	5 years - 12 marks		12
	Add 1.5 marks extra for each additional year subject to maximum 3 (three) marks		3
	Project Details Considered		Project s.no. 6,7,10,11,12,13,14 14 years and 6 months
	Experience in major Tunnel (Road/Rail/Metro/Hydro Tunnel) Construction works in similar capacity	15	15
b i)	< 7 years - 0		
	7 years - 12 marks		12
	Add 1 mark extra for each additional year of experience subject to maximum 3 (three) marks		3
	Project Details Considered		Project s.no. 1,4,6,7,10,11,12,13,14 20 years and 11 months
	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
ii)	<2 projects - 0		
	2 projects -7 marks		7
	Add 1.5 marks extra for each additional projects subject to maximum 3 (three) marks.		3
	Project Details Considered		Project s.no. 2,3,5,8
	Experience in similar capacity in highway/Road/Rail/Metro/Hydro tunnel construction/construction supervision with minimum length of 1.94 Km	10	10
b iii)	< 2 projects - 0		
	2 project - 7 marks		7
	Add 1.5 marks extra for each additional projects subject to maximum 3 (three) marks.		3
	Project Details Considered		Project s.no. 1,4,6,7,10,11
	Employment with the Firm	5	0
	< 1 year -0		0
	> 1 year to 2 years - 2 marks		
	> 2 years to 3 years - 3 marks		
3	> 3 years - 5 marks		
	Total :	100	95
	Weightage @ 75	7	6.65

TUNNEL VENTILATION CUM E&M EXPERT			
S. No.	Applicant No.	Max Marks	1/3
	Name of the Applicant		M/s TPF Getinsa Euroestudios S.L. in association with M/s Rodic Consultants Pvt Ltd. M/s Meinhardt Singapore Pte. Ltd. Joint venture with M/s Amberg Engineering Ag
	Name of Key Personnel		Rajnish Kumar Sharma
	Date of Birth of KP's		16.03.1956
	Description		Assessed
1	General Qualification	25	25
	I) Graduate in Electrical/Mechanical Engineering	20	20
	II) Post-Graduate in Electrical/Mechanical Engineering	5	5
2	Adequacy for the Project	70	
	Total Professional Experience	20	20
	< 15 years - 0		
a i)	15 years - 15 marks		15
	Add 1.25 mark extra for each additional year of experience subject to maximum 5 (five) marks.		5
	Project Details Considered		Project s.no. 1 to 16 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
	< 7 years - 0		
b i)	7 years - 10 marks		10
	Add 2.5 marks extra for each additional year of experience subject to maximum 10 (ten) marks.		10
	Project Details Considered		Project s.no. 3,4 and 10 to 16 21 years and 9 months
	Project Details not Considered		N/A
	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	15
	<3 projects - 0		
ii)	3 projects - 10		10
	Add 2.5 marks extra for each additional projects subject to maximum 5 (five) marks		5
	Project Details Considered		Project s.no. 4,10,11,12,13,14,15
	Experience as Tunnel Ventilation Expert or similar capacity in designing of tunnel (Road/Rail/Metro/Hydro Tunnel) projects of minimum length of 1.94 km (Min 1 year experience in project)	15	15
	<3 projects - 0		
iii)	3 projects - 10		10
	Add 2.5 marks extra for each additional projects subject to maximum 5 (five) marks		5
	Project Details Considered		Project s.no. 5 to 9
	Project Details not Considered		N/A
	Employment with the Firm	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		
	Total	100	95
	Weightage @ 75	7	6.65
		1	



Contract Specialist		
S. No.	Applicant No.	Max Marks
		1/3
	Name of the Applicant	M/s TPF Getinsa Euroestudios S.L. In association with M/s Rodic Consultants Pvt Ltd.
	Name of Key Personnel	India Hema Chandrudu
	Date of Birth of KP's	08.01.1963
	Description	Assessed
1	General Qualification	25
	I) Graduate in Civil Engineering	20
	II) Post-Graduate in Law/ Dispute Resolution/Contract Management	5
2	Adequacy for the Project	70
	Total Professional Experience in Contract Management	20
	<20 years - 0	19
a i)	20 years - 15 marks	15
	Add 1 mark extra for each additional year of experience subject to maximum 5 (five) marks	4
	Project Details Considered	Project s.no. 1 to 18 24 years 7 months
	Experience as Contract Expert or similar capacity in major roads/ highway projects	15
b i)	< 10 years - 0	11
	10 years - 10 marks	10
	Add 1 mark extra for each additional year of experience subject to maximum 5 (five) marks	1
	Project Details Considered	Project s.no. 5,7,8,10,12,15 11 years and 9 months
	Experience of contract management of major roads/ highway projects over Rs 500 crore including experience of handling variation orders, claims of the contractor	15
c i)	< 4 projects - 0	0
	4 projects - 12	0
	Add 1 mark extra for each additional project subject to maximum 3 (three) marks	0
	Project Details Considered	Project s.no. 12,13,14
	Experience of Handling Arbitration cases/Dispute resolution/Adjudication in respect of any road/highway project	20
c ii)	1 project - 10 marks	10
	Add 2.5 marks extra for each additional project subject to maximum 10 (ten) marks	10
	Project Details Considered	Project s.no.8,10,12,13,14,15
	Project Details not Considered	N/A
	Employment with the Firm	5
	< 1 year - 0	0
3	> 1 year to 2 years - 2 marks	
	> 2 years to 3 years - 3 marks	
	> 3 years - 5 marks	
	Total	100
	Weightage @ 75	3
		75
		2.25



Contract Specialist			
S. No.	Applicant No.	Max Marks	1/3
	Name of the Applicant		M/s TPF Getinsa Euroestudios S.L. in association with M/s Rodic Consultants Pvt Ltd.
	Name of Key Personnel		India Hema Chandrudu
	Date of Birth of KP's		08.01.1963
	Description		Assessed
1	General Qualification	25	25
	I) Graduate in Civil Engineering	20	20
	II) Post-Graduate in Law/ Dispute Resolution/Contract Management	5	5
2	Adequacy for the Project	70	
	Total Professional Experience in Contract Management <20 years - 0	20	19
a i)	20 years - 15 marks		15
	Add 1 mark extra for each additional year of experience subject to maximum 5 (five) marks		4
	Project Details Considered		Project s.no. 1 to 18 24 years 7 months
	Experience as Contract Expert or similar capacity in major roads/ highway projects	15	11
b i)	< 10 years - 0		
	10 years - 10 marks		10
	Add 1 mark extra for each additional year of experience subject to maximum 5 (five) marks		1
	Project Details Considered		Project s.no. 5,7,8,10,12,15 11 years and 9 months
	Experience of contract management of major roads/ highway projects over Rs 500 crore including experience of handling variation orders, claims of the contractor	15	0
c i)	< 4 projects - 0		
	4 projects - 12		0
	Add 1 mark extra for each additional project subject to maximum 3 (three) marks		0
	Project Details Considered		Project s.no. 12,13,14
	Experience of Handling Arbitration cases/Dispute resolution/Adjudication in respect of any road/highway project	20	20
c ii)	1 project - 10 marks		10
	Add 2.5 marks extra for each additional project subject to maximum 10 (ten) marks		10
	Project Details Considered		Project s.no.8,10,12,13,14,15
	Project Details not Considered		N/A
	Employment with the Firm	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		
	Total	100	75
	Weightage @ 75	3	2.25



Contract Specialist			
S. No.	Applicant No.	Max Marks	1/3
	Name of the Applicant		M/s TPF Getinsa Euroestudios S.L. in association with M/s Rodic Consultants Pvt Ltd.
	Name of Key Personnel		India Hema Chandrudu
	Date of Birth of KP's		08.01.1963
	Description		Assessed
1	General Qualification	25	25
	I) Graduate in Civil Engineering	20	20
	II) Post-Graduate in Law/ Dispute Resolution/Contract Management	5	5
2	Adequacy for the Project	70	
	Total Professional Experience in Contract Management	20	19
	<20 years - 0		
a i)	20 years - 15 marks		15
	Add 1 mark extra for each additional year of experience subject to maximum 5 (five) marks		4
	Project Details Considered		Project s.no. 1 to 18 24 years 7 months
	Experience as Contract Expert or similar capacity in major roads/ highway projects	15	11
	< 10 years - 0		
b i)	10 years - 10 marks		10
	Add 1 mark extra for each additional year of experience subject to maximum 5 (five) marks		1
	Project Details Considered		Project s.no. 5,7,8,10,12,15 11 years and 9 months
	Experience of contract management of major roads/ highway projects over Rs 500 crore including experience of handling variation orders, claims of the contractor	15	0
	< 4 projects - 0		
c i)	4 projects - 12		0
	Add 1 mark extra for each additional project subject to maximum 3 (three) marks		0
	Project Details Considered		Project s.no. 12,13,14
	Experience of Handling Arbitration cases/Dispute resolution/Adjudication in respect of any road/highway project	20	20
	1 project - 10 marks		10
c ii)	Add 2.5 marks extra for each additional project subject to maximum 10 (ten) marks		10

INSTRUMENTATION AND CONTROL (SCADA) EXPERT		
S. No.	Applicant No.	Max Marks
		1/3
	Name of the Applicant	M/s TPF Getinsa Euroestudios S.L. in association with M/s Rodic Consultants Pvt Ltd.
	Name of Key Personnel	Anway Swain
	Date of Birth of KP's	1.07.1967
	Description	Assessed
1	General Qualification	25
	I) Graduate in IT/ Comp Sc./ Electrical/ Electronics/Civil/ Instrumentation/ Mechanical	20
	II) Post graduate Engineering	5
2	Adequacy for the Project	70
	Total Professional Experience	15
	< 15 years - 0	
a i)	15 years - 12 marks	12
	Add 1 mark extra for each additional year of experience subject to maximum 3 (three) marks	3
	Project Details Considered	Project s.no. 1 to 9 25 years and 1 months( 01/09/1992 to 31/10/2017)
	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
ii)	< 10 years - 0	
	10 years - 15 marks	15
	Add 2.5 marks extra for each additional year of experience subject to maximum 10 marks	10
	Project Details Considered	Project s.no. 1 to 9 25 years
	Experience in at least 7 years experience in hardware configuration, system tuning, application development, documentation including operation and maintenance	15
iii)	< 7 years - 0	
	7 years - 10	10
	Add 1.25 marks extra for each additional year of experience subject to maximum of 5 marks	5
	Project Details Considered	Project s.no. 1 to 9 25 years
	Experience in handling at least 2 surveillance and security systems projects	15
iv)	2 project - 10 marks	0
	Add 2.5 marks extra for each additional project subject to maximum 5 (Five) marks.	0
	Project Details Considered	Project s.no. 1
	Employment with the Firm	5
3	< 1 year -0	0
	> 1 year to 2 years - 2 marks	
	> 2 years to 3 years - 3 marks	
	> 3 years - 5 marks	
	Total	100
	Weightage @ 75	5
		80
		4

