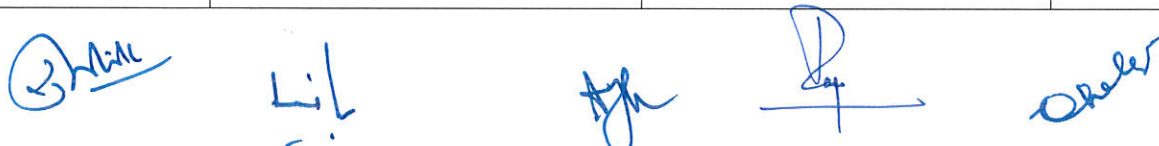


National Highways & Infrastructure Development Corporation
(Technical division)

Minutes of Meeting of Empowered Technical Evaluation Committee (ETEC) for Evaluation of technical bid for “Consultancy Services for Carrying out Feasibility Study, Preparation of Detailed Project Report and providing pre-construction services in respect of (i) 2 laning with paved shoulder of Churachandpur -Tuivai road section (length 162Km) on NH-102B in the State of Manipur (ii) 2 laning with paved shoulder of Imphal-Jiribam section of NH-37 (NH-53) (length 220 Km) in the State of Manipur (iii) 2 laning with paved shoulder from Tamenglong in Manipur to Peren in Nagaland via Longdi Pabram (length-100Km) (2nd Call)” at NHIDCL on 06.09.2017, New Delhi-**Technical Bid Evaluation- reg.**

- 1) The RFPs for the subject work were invited on 06.06.2017 with bid due date as **31.07.2017** till **1500 hrs.**
- 2) In all 06 proposals (based on data uploaded on Infracon portal) were received from the consultancy firms as mentioned below. The envelopes containing bid document cost, bid security, power of Attorney etc were opened accordingly thereafter by Empowered Technical Bid opening Committee (ETBC) on 01.08.2017 in the presence of Bidders representative who chose to attend. Further the ETBC recommended evaluating the Technical Bids through INFRACON as per the provisions of RFP for the following participating firms.
 - a) **M/s C E Testing Company Pvt. Ltd.**
 - b) **M/s Global Infra Solution JV Krishna Techno Consultant Pvt. Ltd.**
 - c) **M/s S M Consultants.**
 - d) **M/s Highway Engineering Consultant**
 - e) **M/s Technocrats Advisory Services Pvt. Ltd.**
 - f) **M/s Eptisa Servicios De Ingeniera S.L.**
- 3) The committee vide its meeting dated 21.08.2017 recommended for opening of financial bids of all 06 (Six) aforesaid bidders by giving 7 days time and to communicate the technically responsive bidders their Technical score for Clarification/Representation if any *by* uploading on e-portal.
- 4) Representations were received from 5 (Five) bidders viz. **M/s C E Testing Company Pvt. Ltd., M/s Global Infra Solution JV Krishna Techno Consultant Pvt. Ltd., M/s S M Consultants, M/s Technocrats Advisory Services Pvt. Ltd. and M/s Eptisa Servicios De Ingeniera S.L.** and the same were considered and perused. The committee deliberated on the representation in details and comments are as under:

Representation from Consultant	Observation	Remarks of ETEC	Previous Marks	Revised Marks
M/s C E Testing Company Pvt. Ltd				
Traffic and Safety Expert				
(i) Desirable Educational Qualification.	It is filled as M.Tech in Highway Engineering on INFRACON, but M. Tech in Transportation/Traffic Engineering is required as per RFP.	It is clear from the certificate provided that the key personnel has done M.Tech in Civil Engineering with specialisation in Highway and Traffic Engineering. Hence the same is acceptable and considered.	0	5
(ii) Experience in	The key personnel has claimed	Projects pertaining to Sl. no.	21	23



Highway Projects - Experience on Similar Projects (2/4/6 laning of NH/SH/Expressway)	all the projects from sl. no.1 to sl. no. 30. However, the same was examined and observed that Sl. no. 14,15,16 ,23 are Other Works. Rest of the projects are considered.	1,2,3,4,5,6,7,8,9,10,11,12,13 ,17,18,19,20,21,22,24,25,26, 27,28,29 and 30 are considered. Hence, the revised experience sums up to 13 years 4 months.		
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Material cum Geotechnical Engineer

(i) Experience in Highway Projects - In Similar Projects (2/4/6 laning of NH/SH/Expressway s) in design and or construction/const ruction supervision.	The representation was examined and observed that sl. no. 4 is railway bridge project; in sl. no. 10 & 17, the no. Of bridges are not mentioned; sl. no. 30 and 47 are Other Works. Therefore, the projects i.e Sl. no. 4,10,17,30 and47 are not considered. However, in some of the projects (Sl. no. 2,7,8,26,28,46 and 53) Nature of Assignment has been filled as 'Other' on INFRACON by the Consultant for which these experiences has not been counted and cannot be considered	Projects pertaining to Sl.no. 3,5,12,13,14,19,20,24,25,27 ,31,32,33,34,35,36,37,38,39 ,40,41,42,43,44,45,48,49,50 ,51,52,53 and 55 are considered. Therefore, the revised experience sums up to 11 years.	17	21
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Environmental Specialist

Experience as Environmental Specialist or in similar capacity in Highway Projects (2/4/6 laning of NH/SH/Expressway)	Sl. No. 18,23,24,25 have already been considered by INFRACON. Sl. No. 16,19,22,26 has not been considered by INFRACON because the similar capacity is filled as Environment cum Social Expert in these projects which is inadvertently not selected in the similar capacity field on INFRACON, but these projects may also be considered . Sl. No 14 is not considered because the time period mentioned for this project is not mentioned in Company Details of the CV uploaded on INFRACON.	Projects pertaining to Sl. no. 16,18,19,22,23,24,25 and 26 are considered. Hence, the total number of projects sums up to 8.	22	28
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Representation from Consultant	Observation	Remarks of ETEC	Previous Marks	Revised Marks
M/s Global Infra Solution JV Krishna Techno Consultant Pvt. Ltd.				
Highway cum Pavement Engineer				
(i) Total Professional Experience	Total Professional experience is calculated as per data submitted in Company Details of the CV uploaded on INFRACON, but the Company Details have not been submitted in the CV . Hence, not considered.	The same is not acceptable and not considered.	0	0
(ii) Experience in Highway Projects - Experience in Design/Pavement Design of Highway Projects(2/4/6 laning of NH/SH/Expressways)	This experience is calculated as per data submitted in Company Details of the CV uploaded on INFRACON, but the Company Details have not been submitted in the CV.	The same is not acceptable and not considered.	0	0
(iii) In Design/Pavement Design of Highway Projects (2/4/6 laning of NH/SH/Expressways) in Similar Capacity (Minimum aggregate length 80 km)	This experience is calculated as per data submitted in Company Details of the CV uploaded on INFRACON, but the Company Details have not been submitted in the CV.	The same is not acceptable and not considered.	0	0
(iv) In Design/Pavement Design of Highway Projects (2/4/6 laning of NH/SH/Expressways) in Similar Capacity- Number of projects.	This experience is calculated as per data submitted in Company Details of the CV uploaded on INFRACON, but the Company Details have not been submitted in the CV	The same is not acceptable and not considered.	0	0
(v) Employment with Firm.	This experience is calculated as per data submitted in	The same is not acceptable	0	0

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	Company Details of the CV uploaded on INFRACON, but the Company Details have not been submitted in the CV.	and not considered.		
Sr. Bridge design Engineer				
(i) Total Professional Experience	This experience is calculated as per data submitted in Company Details of the CV uploaded on INFRACON, but the Company Details have not been submitted in the CV.	The same is not acceptable and not considered.	0	0
(ii) Experience in project preparation and design of bridge projects.	This experience is calculated as per data submitted in Company Details of the CV uploaded on INFRACON, but the Company Details have not been submitted in the CV.	The same is not acceptable and not considered.	0	0
(iii) Experience in 2/4 lane configuration bridges	This experience is calculated as per data submitted in Company Details of the CV uploaded on INFRACON, but the Company Details have not been submitted in the CV.	The same is not acceptable and not considered.	0	0
(iv) Experience as Senior Bridge Engineer or similar capacity in Highway Design Consultancy projects (2/4/6 laning of NH/SH/Expressways) involving design of Major Bridges (minimum 2 nos of length more than 200m)	This experience is calculated as per data submitted in Company Details of the CV uploaded on INFRACON, but the Company Details have not been submitted in the CV.	The same is not acceptable and not considered.	0	0











(v) Employment with Firm	This experience is calculated as per data submitted in Company Details of the CV, but the Company Details have not been submitted in the CV.	The same is not acceptable and not considered.	0	0
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Representation from Consultant	Observation	Remarks of ETEC	Previous Marks	Revised Marks
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M/s SM Consultants

Team Leader cum Sr. Highway Engineer

(i) In Feasibility of 2/4/6 laning works of DPR/IC/Construction Supervision of major highway projects i.e. 2/4/6 laning of NH/SH/Expressways in Similar Capacity (Min. Aggregate length of 80 km)	Sl. no. 16,18,19,20 has already been considered by INFRACON. However, sl. no. 21 and 22 has not been picked up by INFRACON because the time period mentioned for these projects is not submitted in the Company Details of the CV uploaded on INFRACON, hence sl. no. 21 and 22 are not considered. Sl. no. 23 to 28 has also been claimed by the personnel but these projects do not exist on the CV uploaded INFRACON.	Projects pertaining to Sl. no. 16,18,19,20 are considered. Thus, the revised total length sums up to 194 km.	17	17
(ii) In Feasibility of 2/4/6 laning works of DPR/IC/Construction Supervision of major highway projects i.e. 2/4/6 laning of NH/SH/Expressways in Similar Capacity- Number of projects.	Sl. no. 16,18,19,20 has already been considered by INFRACON. However, sl. no. 21 and 22 has not been picked up by INFRACON because the time period mentioned for these projects is not submitted in the Company Details of the CV uploaded on INFRACON, hence sl. no. 21 and 22 are not	Projects pertaining to Sl. no. 16,18,19,20 are considered. Therefore, the revised total number of projects sums up to 4.	8	8

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	considered. Sl. no. 23 to 28 has also been claimed by the personnel but these projects do not exist on the CV uploaded INFRACON. Therefore, the revised total number of projects sums up to 4.			
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Material cum Geotechnical engineer

(i) Experience as Material cum Geotechnical engineer or in similar capacity on Highway Projects (2/4/6 laning of NH/SH/Expressways) (Minimum aggregate length of 80 km)	In the certificates provided in support of the projects pertaining to sl.no.1,4,5,6 and 7, it is mentioned that the key personnel has worked as Lab Technician.	Projects pertaining to Sl. no. 1,4,5,6 and 7 are not considered. Thus, the total aggregate length sums up to 0 km.	0	0
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Representation from Consultant	Observation	Remarks of ETEC	Previous Marks	Revised Marks
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M/s Technocrats Advisory Services Pvt. Ltd.

Experience in LiDAR or equivalent technology, Experience in using GPS & Induction Locator or equivalent technology, Experience in Digitalisation of Cadastral Map for Land Acquisition	Nowhere in the Technical Bid submitted by the Consultant , it has been mentioned about the experience in LiDAR, GPS technologies, etc.	As there is no submission regarding LiDAR, GPS, etc, hence, it is not considered	0	0
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Team Leader cum Sr. Highway Engineer

Post Graduation in Highway Engg/Structures/Traffic and Transportation/Soil mechanics and Foundation Engineering/Construction Management/Transportation	The key personnel has done M.Tech in Geotechnical Engineering, whereas M.Tech in Soil mechanics and Foundation Engineering is required as per RFP.	Since, M.Tech in Geotechnical Engineering is equivalent to M. Tech in Soil mechanics and Foundation Engineering, hence, the same is accepted and considered.	0	5
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Traffic and Safety Expert				
Employment with firm	On the CV uploaded on INFRACON, it is mentioned that the key personnel has been working with M/s MC Consulting Engineers Private Limited since 01/01/2006.	The same is not acceptable and not considered.	0	0
Senior Survey Engineer				
Knowledge and understanding of Modern Computer based method of Surveying	The Consultant has submitted "No" on INFRACON in the field "Knowledge and understanding of Modern Computer based method of Surveying"	The same is not acceptable and not considered.	0	0
Employment with firm	On the CV uploaded on INFRACON, it has been mentioned that the key personnel has been working with M/s MC Consulting Engineers Private Limited since 01/04/2012. Hence, not considered by INFRACON.	The same is not acceptable and not considered.	0	0
Environmental Specialist				
Post Graduation in Environmental Engineering	M Sc. In Environmental Science is provided but M. Tech/M.E. in Environmental Engineering is required as per RFP.	The same is not acceptable and not considered.	0	0

Quantity Surveyor/Documentation Expert

Employment with Firm	On the CV uploaded on INFRACON, it is mentioned that the key personnel has been working with M/s MC Consulting Engineers Private Limited since 01/06/2014. Hence, not considered by INFRACON.	The same is not acceptable and not considered.	0	0
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Representation from Consultant	Observation	Remarks of ETEC	Previous Marks	Revised Marks
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M/s Eptisa Servicios De Ingeniera S.L.

Traffic and Safety Expert

(i) Desirable Educational Qualification.	It is filled as M.Tech in Civil Engineering on INFRACON, but M. Tech in Transportation/Traffic Engineering is required as per RFP.	It is clear from the certificate and marksheet provided that the key personnel has done M.Tech in Civil Engineering with specialisation in Transportation and Traffic Engineering. Hence, the same is acceptable and considered.	0	5
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Senior Survey Engineer

(i) Experience in Highway Projects -In Similar Projects (2/4/6 laning of NH/SH/Expressways) in design and or construction/construction supervision.	No project is mentioned during the period 06/06/2000 to 05/03/2002 in the Work Details provided in the CV.	Since, no details of the project during the period 06/06/2000 to 05/03/2002 is mentioned, hence the same cannot be considered. Thus, the experience in Highway Projects In Similar Projects sums up to 21 years 8 months. Hence, the same is acceptable and considered.	13	13
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(ii) Employment with Firm	The key personnel has been working with M/s Eptisa Servicios de Ingeniera SL since 24/04/2016, but it has not been considered by Infracon.	The same is acceptable and considered.	0	5
Team Leader cum Sr. Highway Engineer				
Experience in Highway Projects-Experience in Planning, Project preparation and design of Highway Projects (2/4/6 laning of NH/SH/Expressways)	Sl.no. 3 to 8 and Sl. no. 9 to 38 can be considered. Sl. no.1 and 2 are not considered because the time period mentioned for these projects is not submitted in the Company Details of the CV uploaded on INFRACON. Thus, the revised total experience sums up to 25 years 3 months.	The same is acceptable and considered.	21	23
Sr. Bridge Engineer				
(i) Experience in 2/4 lane configuration bridges	Length of bridge instead of number of bridges has been filled in the data sheet on INFRACON which exceeds the max limit of no. of bridges allowed as per INFRACON, hence marks awarded by Infracon is zero.	Sl. no. 8, 18, 19 and 20 fulfils the requisite criteria .Hence, the same is acceptable and considered.	0	4
(ii) Experience as Senior Bridge Engineer or Similar Capacity in Highway Design Consultancy Projects (2/4/6 laning of NH/SH/Expressway) involving design of Major Bridges (minimum 2 nos of length more than 200 m)	Length of bridge instead of number of bridges has been filled in the data sheet which exceeds the max limit of no. of bridges allowed as per INFRACON, hence marks awarded by Infracon is zero.	Sl. no. 8,9,11,17,18,20 and 23 fulfil the requisite criteria. Hence, the same is acceptable and considered.	0	28

5) The first stage evaluation for ascertaining the Proof of Eligibility after consideration of representation from bidders is as under:

Sl. No.	Name of Bidder	Eligibility Status of the Participated Firm
1	M/s C E Testing Company Pvt. Ltd	Eligible
2	M/s Global Infra Solution JV Krishna Techno Consultant Pvt. Ltd.	Eligible
3	M/s S M Consultants.	Eligible
4	M/s Highway Engineering Consultant	Eligible
5	M/s Technocrats Advisory Services Pvt. Ltd.	Eligible
6.	M/s Eptisa Servicios De Ingeniera S.L.	Eligible

6) The details of score of all the key personnel after consideration of representation from bidders is placed at Annexure A. The second stage evaluation after consideration of representation from bidders is as under:

Sr. No.	Name of Bidder	Firm's Relevant Experience In The Last 7 Years (Max. points 25)	Equipment and software (Max. points 20)	Qualifications and Competence of the Key Staff for the assignment (Max. points 50)	Adequacy Marks for Work Plan and Methodology (Max. points 5)	Technical Score
1	M/s C E Testing Company Pvt. Ltd	25 ✓	20 ✓	45.23 ✓	5 ✓	95.23 ✓
2	M/s Global Infra Solution JV Krishna Techno Consultant Pvt. Ltd.	24 ✓	16 ✓	36.13 ✓	4.75 ✓	80.88 ✓
3	M/s SM Consultants	21 ✓	18 ✓	41.94 ✓	5 ✓	85.94 ✓
4	M/s Highway Engineering Consultant	23 ✓	20 ✓	42.53 ✓	4 ✓	89.53 ✓
5	M/s Technocrats Advisory Services Pvt. Ltd.	22 ✓	8 ✓	43.46 ✓	4.5 ✓	77.96 ✓
6	M/s Eptisa Servicios Ingenieria S.L.	25 ✓	20 ✓	44.82 ✓	5 ✓	94.82 ✓

6) On INFRACON vide circular dated 05.07.2017 it has been informed that the Debarment Order dated 18.05.2017 in favour of M/s Highway Engineering Consultant Bhopal issued by Govt. Of Telangana, has been stayed till 19.07.2017 by Hon'ble High Court of Hyderabad. However it is bought out that stay of the

(Handwritten signatures)

Debarment of M/s Highway Engineering Consultant has initially been continued till 28.07.2017 and further extended till 07.09.2017 by Hon'ble High Court.

- 7) The technical score of proposal of all the aforesaid 06 (Six) eligible bidder is more than 75 marks out of 100 marks. Hence the technical proposal of all the aforesaid 6 (Six) eligible bidders is complying the Clause 5.2 of Letter of Invitation (LOI) of RFP.
- 8) The technical score of Team leader cum Senior Highway Engineer of all aforesaid consultants is more than minimum qualifying marks, hence the technical proposals of the consultants may be considered for opening of Financial Proposals.
- 9) The technical score of **Senior Bridge Engineer** and **Highway cum Pavement Engineer** of **M/s Global Infra Solution JV Krishna Techno Consultant Pvt. Ltd.** is less than minimum qualifying marks i.e. 75 marks, however we may ask the bidder during negotiation to give a replacement for the key professional who has scored less than 75% marks by a person of at least 75% score as per Clause 6.6 of Letter of Invitation (LOI) of RFP.
- 10) The technical score of **Material cum Geotechnical Engineer** of **M/s SM Consultant** is less than minimum qualifying marks i.e. 75 marks, however we may ask the bidder during negotiation to give a replacement for the key professional who has scored less than 75% marks by a person of at least 75% score as per Clause 6.6 of Letter of Invitation (LOI) of RFP.
- 11) The technical score of **Environmental Specialist** of **M/s Highway Engineering Consultant** is less than minimum qualifying marks i.e. 75 marks, however we may ask the bidder during negotiation to give a replacement for the key professional who has scored less than 75% marks by a person of at least 75% score as per Clause 6.6 of Letter of Invitation (LOI) of RFP.
- 12) Keeping in view Para 5 to 11 above, all the 06 (Six) bidders are found technically qualified and eligible for financial opening accordingly. The details are as under:

Sr. No.	Name of Bidder	Technical Score	Technical Responsive/Non responsive
1	M/s C E Testing Company Pvt. Ltd	95.23	Responsive
2	M/s Global Infra Solution JV Krishna Techno Consultant Pvt. Ltd.	80.88	Responsive
3	M/s S M Consultants.	85.94	Responsive
4	M/s Highway Engineering Consultant	89.53	Responsive (subject to the order of Hon'ble High Court)
5	M/s Technocrats Advisory Services Pvt. Ltd.	77.96	Responsive
6	M/s Eptisa Servicios De Ingeniera S.L.	94.82	Responsive









13) The ETEC accordingly recommends the opening of financial proposals of the aforesaid responsive bidders considering the modified technical score with 3 days time for representation if any with the approval of the Competent Authority.

Meeting ended with vote of thanks to the chair.



Sanjeev Malik
(ED-III)
Chairman



Col Rajeev Sood
(GM-Tech)
Member
Secretary



Adil-Singh
(GM-Tech)
Member



A.K. Jha
DGM (Tech)
Member



U Chatterjee
DGM (Finance):
Member