

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  
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(भारत सरकार का उद्यम)



BHARATMALA  
ROAD TO PROSPERITY



BUILDING INFRASTRUCTURE - BUILDING THE NATION

CIN: U45400DL2014GOI269062

(A Government of India Enterprise)

NHIDCL/Nagaland/AE/Peren Dimapur/Pkg 1/2020 | 2194

Dated: 19.11.2020

To

All the bidders,

**Subject:** Consultancy Services for Authority's Engineer for Supervision of (i) "Construction of 2 laning with Hard shoulder of Peren- Dimapur section on NH 129A from Design Km 109.494 to Km 126.775 (Length - 17.281 Km) in the state of Nagaland on EPC mode (Package I) under NH(O)- TSP)  
(ii) Construction of 2 Laning with Hard Shoulder of Peren - Dimapur section on NH - 129A from Design Km 126.775 to Km 146.450 (Length - 19.675 Km) in the state of Nagaland on EPC mode (Pkg - II) under Bharatmala NH(O) - TSP"- Corrigendum 3-reg.

Tender id: 2020\_NHIDC\_588685\_1

Sir,

Following amendments are being carried out in the Modified RFP:

Sr.No.	Existing Provision	Amended Provision
1	Appendix -EC Clause 3 Evaluation Criteria for assessment of key staff for adequacy of the Assignment.	Appendix -EC Clause 3 Evaluation Criteria for assessment of key staff for adequacy of the Assignment. 3.4, 3.5 & 3.6 Attached as Annexure 1
2	Enclosure - B Qualification of Key personnel	Enclosure - B Qualification of Key personnel (Bridge/Structural Engineer, Senior Pavement Specialist and Road Safety Expert qualification attached as Annexure - II)

  
AK Jha  
General Manager (Technical)  
NHIDCL - HQ

**Annexure - I**

**3.4 Bridge/Structural Engineer**

S. No.	Description	Max. Points	Reference/Details of projects Claimed for self-assessment	Marks self-assessed by the bidder
<b>1</b>	<b>General Qualification</b>	<b>25</b>		
i)	Graduate in Civil Engineering	21		
ii)	Post-Graduation in Structural Engineering	04		
<b>2</b>	<b>Adequacy for the Project</b>	<b>70</b>		
i)	Total Professional Experience in handling Highway/Bridge projects  < 10 years -0 10 years -11 marks  Add one mark extra for each additional 2 year subject to maximum 4(four) marks	15		
ii)	Experience in similar capacity in Design/Construction/Construction Supervision of Bridges/ROB/Flyover/Interchanges/any other such structures (similar configuration (2/4/6 laning**) and above)  < 5 years -0; 5 years -15 marks  Add 1 (one) mark extra for each additional completed year of experience subject to maximum 5 (five) marks	20		
iii)	Experience in similar capacity in Construction/Supervision of Major Highway Bridges/ROB/Flyover/ Interchanges/ any other structures  < 2 Bridges -0 02 Bridge -15 marks  Add 2.5 mark extra for each additional bridge subject to maximum 5 marks	20		
iv)	Experience in similar capacity in construction/ supervision of Rehabilitation and repair of Major Bridges/ROB/Flyover/ Interchanges/ any other structures  < 2 nos. - 0	10		



	2 nos. -8 marks > 3 nos. - 10			
v)	Experience in similar capacity of modern bridge construction technology viz., Precast Segmental, Balanced Cantilever Construction, Extra dosed Bridge, Full Span Launching, Incremental Launching.  Experience in 1 project - 4 marks More than one project - 5 marks	5		
3	<b>Employment with the Firm</b>  < 1 year -0 1 year -3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks	5		
	<b>Total :</b>	100		

**Note:**

- (1) Similar Capacity includes the following positions
  - i) On behalf of Consultant/Contractor: Bridge Engineer/Project Manager (Bridges)
  - ii) On behalf of Government: Executive Engineer
- (2) Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not < 12 months
- (3) In case of experience on behalf of Authority's Engineer or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from Govt. Agency, the experience uploaded on INFRACON Portal will be taken into consideration. However, the key personnel/ bidder will be solely responsible for any fake information/ CV, which may result in debarment.

**3.5 Senior Pavement Specialist**

S. No.	Description	Max. Points	Reference/Details of projects Claimed for self-assessment	Marks self-assessed by the bidder
1	<b>General Qualification</b>	25		
I)	Graduate in Civil Engineering	21		

II)	Post-Graduation in Transportation/Highway Engineering/Pavement engineering or equivalent	04		
2	<b>Adequacy for the Project</b>	<b>70</b>		
	<b>Professional Experience</b>			
i)	<i>Total Professional Experience of Pavement Design/Construction/Construction Supervision and Maintenance of Highways/Roads/Air Field /Runway</i> < 10 years -0 10 years -15 marks Add one mark extra for each additional year of experience subject to maximum 5 (five) marks.	20		
ii)	Experience in Similar capacity in Construction/Construction Supervision of 2/4/6-laning** of major Highway Projects (similar configuration (2/4/6 laning** and above) < 5 years -0; 5 years -15 marks Add one mark extra for each additional year of experience subject to maximum 5 (five) marks.	20		
iii)	Experience in similar capacity as Pavement/Geo technical Engineer/ Highway Engineer in construction/ construction supervision of Major Highway projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above. < 2 nos. -0 2 nos. -20 marks Add 2.5 marks extra for each additional project subject to maximum 5 marks.	25		
iv)	Experience in similar capacity on EPC Projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) 1 Project- 4 marks Add 1 (one) mark extra for each additional project subject to maximum 1 (one) mark	5		
3	<b>Employment with the Firm</b> < 1 year -0 1 year - 3 marks	<b>5</b>		

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	Add 0.5 marks for each subsequent year subject to maximum 2 marks			
	<b>Total :</b>	100		

**Note:**

- (1) Similar Capacity includes the following positions
  - i) On behalf of Consultant/Contractor: Pavement Specialist/ Pavement Engineer/ Pavement Expert / Highway Engineer
  - ii) On behalf of Government: Executive Engineer
  
- (2) Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not < 6 months
  
- (3) In case of experience on behalf of Authority's Engineer or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from Govt. Agency, the experience uploaded on INFRACON Portal will be taken into consideration. However, the key personnel/ bidder will be solely responsible for any fake information/ CV, which may result in debarment

**3.6 Road Safety Expert**

S. No.	Description	Max. Points	Reference/ Details of projects Claimed for self-assessment	Marks self-assessed by the bidder
1	<b>General Qualification</b>	25		
	I) Graduate in Civil Engineering	21		
	II) Post-Graduation in Traffic/ Transportation/ Safety Engineering or equivalent	04		
2	<b>Adequacy for the Project</b>	70		
	<b>Professional Experience</b>			
i)	Total Professional Experience in handling Highway/Bridge projects < 10 years -0 10 years -11 marks Add one mark extra for each additional year of experience subject to maximum 4 (four) marks.	15		



ii)	Experience in similar capacity in Road Safety works on Major Highway Project (similar configuration (2/4/6 laning**) and above). < 5 years -0 5 years -11 marks Add one mark extra for each additional year of experience subject to maximum 4 (four) marks.	15		
iii)	Experience in similar capacity in Road Safety Audits of 2/4/6- laning** Highway projects at different stages including at least one at design stage < 2 nos. -0 2 nos. -15 marks Add 2.5 marks extra for each additional project subject to maximum 5 marks.	20		
iv)	Experience in similar capacity in identification and improvement of black spots on Major Highway Project (similar configuration (2/4/6 laning**) and above) < 2 nos. -0 2 nos. -8 marks Add 2 marks extra for each additional improvement of black spots subject to maximum 2 marks.	10		
v)	Experience in similar capacity of preparing Road Safety Management Plans for Inter Urban Highway 1 project -4 marks 2 or more -5 marks	5		
vi)	Experience in similar capacity in field of Road Safety Management Plan 1 project -4 marks 2 or more -5 marks	5		
3	Employment with the Firm <1 year - 0 1 year - 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks	5		
	<b>Total :</b>	<b>100</b>		

**Note:**

- (1) Similar Capacity includes the following positions
- i) On behalf of Consultant/Contractor: Road Safety Expert
  - ii) In Government Organizations: Executive Engineer (or equivalent) and above
- (2) Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not < 6 months



## Annexure -II

### **BRIDGE & STRUCTURAL ENGINEER**

The Bridge & Structural Engineer shall be responsible for checking the designs of bridges, ROBs, interchanges and any other structure to be constructed in the Project highway and supervising the works of bridges, interchanges and any other structure to be constructed by the Concessionaire for this project. He shall also inspect the bridge rehabilitation and repair works to be undertaken by the Concessionaire. He should have thorough understanding and experience with international 'best practices' of modern bridge construction technology.

He should have the following qualification / experience.

#### **1. Essential Qualifications.**

- a) Graduate in Civil Engineering from a recognized University.
- b) Professional Experience of at least 10 years in handling Highway/Bridge projects.  
At least 5 years experience in Construction / Construction Supervision of bridge / interchange / any other structures.
- d) Experience in similar capacity in supervision of at least 2 Major Highway Bridges.
- e) Experience in supervision of Rehabilitation and repair of 2 nos Major Bridges.

#### **2. Preferential Qualifications.**

- a) Post Graduate Degree in Structural Engineering.
- c) He should have thorough understanding and experience of modern bridge construction technology. viz., Precast Segmental, Balanced Cantilever Construction, Extradosed Bridge, Full Span Launching, And Incremental Launching.

### **SENIOR PAVEMENT SPECIALIST**

The expert shall be continuously interacting with the Concessionaire, for the review of highway designs and drawings using sophisticated computer software and also construction and O&M works and to ensure life cycle cost effectiveness and viable design of pavement including appropriate rehabilitation / strengthening of the existing two lane pavement which is significantly distressed. He shall also be responsible for ensuring complete adherence to maintenance standards during Construction and Operation period. Thus, the position requires a pavement specialist with thorough knowledge and understanding of international 'best practices' in the field of Design, Construction and maintenance of flexible/rigid type of pavements including latest Codal stipulations and specifications.

He should have the following qualification / experience.

#### **1. Essential Qualifications.**

- a) Graduate in Civil Engineering from a recognized University.
- b) Professional Experience of at least 10 years in Pavement Design / Pavement Construction / Pavement Maintenance of Highways / Roads / Airfield Runways

- c) Experience of at least 5 years in similar capacity in Construction / Construction Supervision of 2/4/6 laning\*\* of major highway projects.
- d) Experience as Pavement / Geotechnical Engineer in Construction/Construction Supervision of at least 2 major highway projects (of length 40% of project length or more of similar configuration (2/4/6 laning\*\*) and above).

**2. Preferential Qualifications.**

- a) Post Graduate Degree in Highway Engineering / Pavement Engineering /Transportation Engineering

Experience as a Pavement Specialist/Pavement Engineer in Highway project(of length 40% of project length or more of similar configuration (2/4/6 laning\*\*) and above).

**ROAD SAFETY EXPERT**

Shall be responsible for the overall Road Safety Aspect of the Project. He shall ensure that safety provisions as per relevant codes are strictly followed at site during Construction of Road and also during the Maintenance Period

**1. Essential Qualifications.**

- a) Graduate in Civil Engineering from a recognized University.
- b) Professional Experience of at least 10 years in handling Highway projects.
- c) Minimum 5 years experience in Road Safety works of Major Highway Projects (4 / 6 laning projects)
- d) Experience in similar capacity in Road Safety Audit of at least 2 nos. 2/4/6 lane\*\* highway / expressway project including 1 nos. at design stage
- e) Experience in similar capacity in the field of Road Safety Management Plan.

**2. Preferential Qualifications**

- a) Post Graduate Degree in Traffic Transportation/Safety Engineering.
- b) Experience in similar capacity in identification and improvement of black spots on Major Highway Project.

Experience in similar capacity in Preparation of Road Safety Management Plan for inter urban Highways.

