

## National Highways & Infrastructure Development Corporation Limited

**Expression of Interest for Independent Engineer Services for “Construction, Operation and Maintenance of Zozila tunnel (14.083 km long Single Tube Bi-Directional Tunnel with Parallel Egress Tunnel) including Approaches on NH No. 1 (Srinagar-Sonamarg-Gumri Road) in the State of J&K on Design, Build, Finance, operate and Transfer (Annuity) Basis”**

### Reply to Pre-Bid Queries

Clause	Query	Suggestion by prospective bidder	Reply
	<b>Sole Firm /Lead Member</b>		
<b>Eligibility Criteria Sole applicant/Lead Partner</b>	A. Completed highway project in the hilly region involving construction supervision & design of at least one tunnel of minimum length of 6000 mtrs. and two major bridge/viaduct/flyover projects by the consultants during the last Seven (7) financial years.	Construction Supervision & Design /Design Review of at least one Highway/Tunnel/Railway/Metro Tunnel of minimum length of 6000 mtrs and two major bridge/viaduct/flyover projects by the consultant during the last seven (7) financial years.	As per Amendment no. 11
	B. Preparation of detailed Project Report of two major bridges of standard 2-lane width. DPR for design/proof checking of Highway Tunnel/Railway/Metro Tunnel of at least one tunnel with minimum length of 6000 mtrs. During the last Seven (7) financial years.	Preparation of Detailed Project Report of two major bridges of standard 2-lane width. DPR for Design/Proof checking/Design Review of Highway Tunnel/Railway/Metro Tunnel of at least one tunnel with minimum length of 6000 mtrs. during the last Seven (7) financial years.	As per Amendment no. 11
	<b>Joint Venture Partner</b>		
	C. Experience of DPR preparation of one major bridge/viaduct/flyover projects of standard 2-lane width. Project Supervision /IC of Highway /Railways/Metro Tunnel projects of at least one tunnel of minimum length of 2500 mtrs. during the last Seven (7) Financial years.	Experience of DPR preparation of one major bridge/viaduct/flyover projects of standard 2-lane width. Project Supervision/IC of Highway/Railways/Metro Tunnel projects of aggregated tunnel length of 2500 mtrs. during the last Seven (7) Financial years.	As per Amendment no. 11
	<b>Lead Member/Sole Firm</b>		
	Completed highway project in the hilly region involving construction supervision & design at least one tunnel of minimum length of 6000 mtrs and two major bridge/viaduct/flyover projects by the consultant during the last Seven (7) financial years	Construction Supervision & Design / Design Review of at least one Highway Tunnel/ Railway/ Metro Tunnel of minimum length of 6000 mtrs and two major bridge/viaduct/ flyover projects by the consultant during the last Seven (7) financial years.	As per Amendment no. 11
	Preparation of detailed Project Report of two major bridges of standard 2-lane width. DPR for design/proof checking of highway Tunnel/ Railway Metro Tunnel of at least one tunnel with minimum length of 6000 mtrs. during the last seven (7) financial years.	Preparation of Detailed Project Report of two major bridges of standard 2-lane width. DPR for Design/ Proof Checking/ Design Review of Highway Tunnel/Railway/Metro Tunnel of at least one tunnel with minimum length of 6000 mtrs. during the last Seven (7) financial years	As per Amendment no. 11

*3/10/20*

	<b>Joint Venture</b>		
	Experience of DPR preparation of one major bridge/viaduct/flyover projects of standard 2-lane width. Project Supervision/IC of Highway/ Railways /Metro Tunnel projects of at least one tunnel of minimum length of 2500 mtrs. during the last seven (7) Financial years.	Experience of DPR preparation of one major bridge/ viaduct/ flyover projects of standard 2-lane width. Project Supervision/ IC of Highway/ Railways/ Metro Tunnel projects of aggregated tunnel length of 2500 mtrs. during the last Seven (7) Financial years	<i>As per Amendment no. 11</i>
	"The firm should have minimum experience of preparation of detailed Project Report of 2/4/6 laning in hilly terrain project of aggregate length of 50 km out of which should have prepared DPR for design/proof checking of Highway Tunnel/railway/Metro Tunnel of minimum aggregate length of 7000 meters or more in last 10 years. It is desirable to have experience of preparation of DPR of 2/4/6 laning of minimum length of 100 km (NH/SH or equivalent)."	<i>The firm should have experience of Project Supervision as an independent engineer of at least one Highway Tunnel/Railway/Metro Tunnel project of minimum aggregate length of 7000 mtrs or more, of which a single stretch tunnel should be of 3000 mtrs or more in the last 10 years.</i>	<i>As per Amendment no. 11</i>
<b>Eligibility Criteria JV Partner</b>	(i) The firm should have minimum experience of Project Supervision/IC of 2/4/6- laning in hilly terrain project of 50 km aggregate length or more." (ii) 'It is desirable to have the experience in construction supervision/IC of 2/4/6-lane project of minimum length of 100 km NH/SH or equivalent standard'".	<i>The project is for tunnel but the experience of Project Supervision/IC of required here is for road. There is a big difference in supervision a road project and supervising a tunnel project. Therefore, this requirement for a firm which has Road experience is not required, as not relevant here.</i>	<i>As per Amendment no. 11</i>
<b>Annual Turnover</b>	"Annual turnover (average of last 5 years or in each of the preceding two years) of the firm should be equal to or more than Rs. 50.00 Crore."	<i>In order to open up the competition and to have more skill transfer and development in India these criteria should be applicable to JV in aggregate and average may be taken for last three (3) years.</i>	<i>As per Amendment no. 11</i>
<b>Joint Venture</b>	" Both the Partner in case of JV should be of equal Technical capacity and both the partners should be fulfilling all the criteria individually.	<i>The requirements here if are satisfied by both partners then there is no reason of having a JV; hence we suggest that this is an unwarranted condition in selection process. We would suggest that for such large project JV for up to a maximum of three firms must be allowed.</i>	<i>As per Amendment no. 11</i>
	List of minimum essential equipment which the firm must possess for eligibility	<i>Linking requirements of Independent engineer for tunnel construction to possession of equipment for survey of road pavement is not warranted in tunnel work. Laboratory testing facilities in all major Tunnel projects across the world are established by the contractor and are part of the execution contract. The independent engineer performs the role of ensuring that the contractor has done the calibration of the test equipment as per the required standards and additional checks if required are carried out from the authorized laboratory. Survey equipment requirement are part of DPR stage of project. This requirement seems to be made for the selection of designer or</i>	<i>As per Amendment no. 11</i>





