

राष्ट्रीय राजमार्ग एवं अवसंरचना विकास निगम लिमिटेड

सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार
तीसरी मंजिल, पीटीआई बिल्डिंग, 4-संसद मार्ग, नई दिल्ली-110 001

National Highways & Infrastructure Development Corporation Limited

Ministry of Road Transport & Highways, Govt. of India

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सार्वजनिक क्षेत्र का उपक्रम

A PUBLIC SECTOR UNDERTAKING

Sub: Invitation for Road Show and Pre-Bid Conference for the award of civil work for construction of Zojila Tunnel in the state of Jammu & Kashmir.

Dear Prospective Bidders,

1. The National Highways Infrastructure Development Corporation Ltd (NHIDCL) has been entrusted with the work of construction of Zojila Tunnel in the State of Jammu & Kashmir by the Ministry of Road Transport & Highways, Govt. of India.
2. The bids for civil work of **“Construction, Operation and Maintenance of 2-Lane Bi-Directional Zojila Tunnel with Parallel Escape (Egress) Tunnel including approaches on Srinagar-Leh section connecting NH-1 at km 95.00 and at km 118.00 in the State of Jammu & Kashmir on EPC Mode”** have been invited by the NHIDCL with Total Project Cost (TPC) as Rs. 7818.18 Crore. The salient features of this Project are enclosed with this letter.
3. Construction of this tunnel will provide long awaited all weather connectivity from Srinagar to Leh in J&K. This is a work of National importance and would therefore require detailed discussions with potential National and International bidders. Therefore, NHIDCL is planning to conduct a series of Road Shows at following locations as per following schedule:

Place	Date and Time	Venue
Hyderabad	25.01.2017, 11:00 a.m.	The Plaza, Tourism Plaza, Begumpet, Hyderabad-500016.
Delhi	03.02.2017, 03.30 p.m.	Media Centre, Ground Floor, Transport Bhawan, 1- Parliament Street New Delhi-110001
Mumbai	11.02.2017, 11:00 a.m.	ITC Maratha, Airport Area, Andheri East, Mumbai, Maharashtra 400099

4. I shall be grateful, if adequate publicity could be given in your country to the bidding of this Project and also proposed Road shows so that prospective bidders can register themselves in the **Conference Section at www.nhidcl.com** for the Road Shows in Hyderabad, Mumbai and Delhi and participate in the bidding process. In case of any query, please feel free to either contact me on ed.nhidcl@gmail.com or my colleagues Sh. Ashok Kumar Gupta, GM (Tech.) at gmt5@nhidcl.com or Mobile No. 9818958636.

Best Regards

Yours Sincerely

(Sanjeev Malik)

Executive Director-III

Sub: Construction, Operation and Maintenance of 2-Lane Bi-Directional Zojila Tunnel with Parallel Escape (Egress) Tunnel including approaches on Srinagar-Leh section connecting NH-1 at km 95.00 and at km 118.00 in the State of Jammu & Kashmir on EPC Mode

The Salient features of the Project are as under:

Sr. No	Particulars	Features
1.	2 lane bi- directional tube-tunnel	14.150 km long
2.	Design speed	80 kmph
3.	Gradient	West to East 2.9% (1 in 35)
4.	Total no. of curves	9
5.	Parallel Escape Tunnel	14.200 km length
6.	Approach road to Western Portal (Srinagar)	(i) Portal elevation = 2900 m (ii) Cut and covered tunnel length= 37m (iii) Ventilation building = above C&C tunnel, 2 axial fan, electrical supply installation (iv) Service and control buildings (800sqm) (v) Approach road to Portal = 5025 m (vi) Minor Bridge = 60m (vii) Snow Galleries
7.	Approach road on Eastern Portal(Leh Side)	(i) Portal elevation = 3310 m (ii) Cut and covered tunnel length=30m (iii) Ventilation building = above C&C tunnel, 2 axial fan, electrical supply installation (iv) Service and control buildings (800sqm) (v) Approach road to Portal = 0.803 km
8.	Snow Galleries	(i) At Km 2.850 (approach road to western Portal - 150m long snow gallery (ii) At Sl. 40, umbrella type new structure (iii) Sl-41 & SL-42 – Retarding mounds of suitable geometry (iv) SL-43;- <ul style="list-style-type: none"> • A combination of mounds and catch dam • A catch dam of 350 m length and three rounds of mounds • Height of mound = 7m • Height of Catch dam = 8m (v) SL-44 <ul style="list-style-type: none"> • Combination of Mounds and catch dam
9.	Access road to intermediate construction/ventilation shafts	0.350 km (Depth =484 m)[Dia = 14m]

	Shaft no. 1 (Ventilation cum construction shaft) Shaft no. 2 (Ventilation cum construction shaft) Shaft no. 3 (Ventilation Shaft)	0.100 km (Depth = 365m)[Dia = 4m] 0.070 km (Depth = 208m) [Dia = 6m]
10.	Pedestrian Cross Passages	At every 250m (Length as per concessionaire design)
11.	Vehicular Cross Passages	At every 750m (Length as per concessionaire design)
12.	Lay-bys (Both highway side)(BHS)	At every 750m Width = 3m Length = 40m Hydrant Cabinet and Emergency Telephone Cabinet
13.	Jet Fan Cabinets	On BHS at an interval of 400 to 600 m with a length of 30m
14.	Emergency Telephone & Communication System	Location: AT emergency exits with an interval of 125 m on one side of the tunnel
15.	Electrical supply cabinet	Each 700m
16.	Amarnath Shrine Brand Requirements:	2 lane bypass for Amarnath Yatra=4.9 km (i) Erection toilets/bath units and laying of sewer line. (ii) (a) Medical hut (b) Air Traffic Centre Hut (c) Disaster Management Hut (d) PHE Hut (e) army Hut (iii) Chain forming all around Batel Camp (iv) Clock room (v) layout of Tented area (vi) Construction of main entrance and exit gate (vii) Leveling of area and construction of drain (viii) Service Road: (Amarnath) Length = 2.3 Km Link road to Amarnath base = 0.40 Km Area = 6.84 HA.
17.	Cost of utility Shifting	Rs. 10 Cr
18	Land acquisition and Forest clearance	(i) Revenue Land = 4.60 HA Area Required = 2.18 Payment = 3.94 Cr 31 st March 2014, DC Ganderbal (ii) Forest Land = 208.88 HA Area Required = 97.82% Payment = 16.92 Cr paid on march 2014 to PCCF