



सड़क परिवहन और राजमार्ग मंत्रालय
MINISTRY OF ROAD TRANSPORT & HIGHWAYS

भारत सरकार

Government of India

Expression of Interest

for

Independent Engineer

in

Construction, Operation and Maintenance of
Zozila Tunnel including approaches on National
Highway No. 1 (Srinagar - Sonamarg - Gumri
Road) in the State of J&K on Design, Build,
Finance, Operate and Transfer (Annuity) basis

Government of India

December **2015**

**Ministry of Road Transport & Highways
(Government of India)**

INVITATION OF PROPOSAL FOR EXPRESSION OF INTEREST

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-Sonmarg-Gumri road) in the state of J&K on Design, Build, Finance, Operate and Transfer (Annuity) basis

The **Ministry of Road Transport & Highways (MORT&H)** (hereafter “Authority”) is engaged with work 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-Sonmarg-Gumri road) in the state of J&K on Design, Build, Finance, Operate and Transfer (Annuity) basis.

1. The Authority shall invite Expressions of Interest from consulting engineering firms or bodies corporate to undertake and perform the duties and functions set forth in Schedule-Q and thereupon shortlist 10 (ten) (or less, who qualify the minimum eligibility criteria) qualified firms in accordance with pre-determined criteria. The Authority shall convey the aforesaid list of firms to the Concessionaire for scrutiny and comments, if any. The Concessionaire shall be entitled to scrutinise the relevant records of the Authority to ascertain whether the selection of firms has been undertaken in accordance with the prescribed procedure and it shall send its comments, if any, to the Authority within 15 (fifteen) days of receiving the aforesaid list of firms. Upon receipt of such comments, if any, the Authority shall, after considering all relevant factors, finalise and constitute a panel of 10 (ten) (or less, who qualify the minimum eligibility criteria)_firms (the “Panel of Firms”) and convey its decision to the Concessionaire.

2. The Authority shall invite the aforesaid firms in the Panel of Firms to submit their respective technical and financial offers, each in a separate sealed cover. All the technical bids so received shall be opened and pursuant to the evaluation thereof, the Authority shall shortlist 3 (three) eligible firms on the basis of their technical scores. The financial bids in respect of such 3 (three) firms shall be opened and the order of priority as among these firms shall be determined on the basis of a weighted evaluation where technical and financial scores shall be assigned respective weights of 80:20.

3. MORT&H proposes to prepare a short-list of consultants to act as Independent Engineer for implementing the following DBFOT project:

S. No.	Name of Project	State	Length (in kms)	Total Project Cost (Rs in crore)	Construction period (in years) period
1.	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-Sonmarg-Gumri road) in the state of J&K on Design, Build, Finance, Operate and Transfer (Annuity) basis	Jammu & Kashmir	14.083 km long Single Tube bi-directional tunnel with parallel egress tunnel	9090	22 years (07 years construction period) + 15 years operation period

The interested firm may apply for the project based on their eligibility as per eligibility criteria mentioned in Annexure 'IV'.

4. As per the terms and conditions of the Concession Agreement(s), the Independent Engineer is required to (i) independently and on behalf of both MORT&H to review activities associated with design, design review, construction and operation and maintenance of the project to ensure compliance of requirements of Concession Agreement, (ii) report to MORT&H on the financial and technical aspects of the project, (iii) assist the parties to the Concession Agreement in arriving at an amicable settlement of disputes, if any.

5. The MORT&H now invites eligible consulting engineering firms/companies/ joint ventures for Expression of Interest for Independent Engineer for discharge of the duties as mentioned above. The details are available in the EOI Document hosted on official portal of MORTH <http://www.morth.nic.in> or e-procurement portal of MORTH <https://morth.eproc.in>.

6. Based on relevant experience of project monitoring, construction supervision, contract management, etc., as detailed in EOI, MORT&H will shortlist the firms and prepare a panel of 10 consultants which will be valid for above mentioned project. Technical & Financial Proposals will be invited from the consultants out of the panel so formed. The total time period for the assignment as Independent Consultant will be up to **07 years. It is proposed to invite the Technical and Financial Proposals from short-listed consultants only.**

7. Expression of interest should be submitted in sealed cover and delivered at the address given below latest by 14.01.2016 up to 11:00 Hrs and be clearly marked “Expression of Interest for Independent Consultant for Zozila Tunnel project under MORT&H”. Letter of Invitation may be downloaded from EOI Bidding Document hosted on official portal of MORTH <http://www.morth.nic.in> or e-procurement portal of MORTH <https://morth.eproc.in> .

8. Interested consulting engineering firms/companies/joint ventures may obtain further information at the following address.

Address for Communication:

Mr. Dheeraj,
Superintending Engineer (P-1),
Room No. 144, Transport Bhawan,
Ministry of Road Transport & Highways,
No.1, Parliament Street, New Delhi - 110001
Phone: 011-23314328 Fax: 011-23710358
Email: dheeraj.rth@nic.in,

Letter of Invitation (LOI)**(No. RW/NH-12037/1312/AppolE/ZT/2015/NH-1)**

Nov 15

Sub: 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-Sonmarg-Gumri road) in the state of J&K on Design, Build, Finance, Operate and Transfer (Annuity) basis

Dear Sir,

1. The **Ministry of Road Transport & Highways (MORT&H)** has been entrusted with the development of the selected stretches/Corridors of National Highway in the country on BOT basis. MORT&H now intends to short-list eligible consulting firms/joint ventures who have proven experience for Independent Construction Supervision on BOT/ public funded projects to act as Independent Engineer (IE). In order to carry out the implementation of above project as per DCA, the MORT&H will engage eligible consulting engineering firms/Joint ventures to act as Independent Engineer.
2. The sole applicant/members of joint venture (JV) should have an experience as specified in **Annex-IV**. Experience of project supervision in projects that have been substantially completed (not less than 90% of Contract value) shall be considered towards qualifying experience.
3. Only those consultants who satisfy above minimum eligible criteria need apply. Client certificates shall be required for experience in both DPR and project Supervision. In case a consulting engineering firm claims experience for a project undertaken as a member of JV, the particular firm's position in the JV needs to be clearly brought out in the Clients' certificate or in a supporting sheet by the firm itself.
4. Engineering Services are to be provided by an integrated multidisciplinary team of key-personnel consisting of Team Leader-cum-Tunnel Expert, Tunnel Design Engineer, Senior Geologist, Senior Geotechnical Engineer, Senior E & M Expert, Tunnel Safety Expert, Tunnel Excavation Engineer, Tunnel lining Engineer, Ventilation Engineer, Hydrologist/Drainage Expert, Material & Quality Control Engineer, Quantity Surveyor & Documentation Expert, Bridge Engineer, Highway/Pavement Engineer, Survey Engineer, Financial Expert, Legal Expert and Environment / Social Expert.
5. The duration of the services will be required over a period of about **07 years**.
6. The Short listing of Independent Engineer shall be done based on the marks obtained by the firm after evaluation of firm's experience, credential etc.

7. Instructions for submission of the expression of interest are enclosed at **Annex-I** and guidelines for the preparation for the expression of interest is enclosed at **Annex-II**. Eligible Consulting Engineering firms/Joint ventures interested in short-listing for Independent Consultant should fill up the enclosed expression of interest form (**Annex-III**) and submit together with a Letter of Intent (LoI) so as to reach our office not later than **14.01.2016 up to 11:00 Hrs.**

Yours sincerely,

Encl. As above

(Dheeraj),
Superintending Engineer (P-1),
For DG (RD) & SS.

Ministry of Road Transport & Highways**INSTRUCTIONS FOR SUBMISSION OF EXPRESSION OF INTEREST STATEMENT**

1. Accomplished Expression of Interest statement must be submitted together with a Letter not later than **14.01.2016 up to 11:00 Hrs.**
2. The Expression of Interest document shall be the basis of drawing up a shortlist of Consultants who will be invited to submit proposals for the services required.
3. All applications shall be submitted in English.
4. Power of Attorney (on stamp paper and duly notarized) of the person submitting the Expression of Interest on behalf of the applicant shall be attached. JV may be formed with maximum 2 partners including the Lead Partner.
5. In case of the application made by a Joint Venture, either Joint Venture MOU/Agreement or the Letter of Intent to form the joint venture shall be attached along with all necessary details.
6. The empanelment of the Consultants shall be done for stretches for which the firm has applied, to be taken up as per DCA of the said project. A particular Consulting Engineering firm is allowed to be an eligible applicant provided it has applied either as a sole firm or in JV with one more partners. Formulation of more than one JV with different partners for the same category is NOT allowed and all such Expression of Interest involving the firm shall be treated as non-responsive.
7. Completed Expression of Interest along with enclosures should be hard bound, page numbered and initialed on each page. Loose/Spiral bounded Expression of Interest are liable to be treated as non-responsive.
8. The firms are expected to provide suitable BOT input by employing BOT expert at the time of submission of bid proposal at a subsequent stage.
9. Submission must be addressed to the following:

Address for Communication:

Mr. Dheeraj,
Superintending Engineer (P-1),
Room No. 144, Transport Bhawan,
Ministry of Road Transport & Highways,
No.1, Parliament Street, New Delhi - 110001
Phone: 011-23314328 Fax: 011-23710358
Email: dheeraj.rth@nic.in,

Ministry of Road Transport & Highways (MORT&H)**GUIDELINES FOR PREPARATION OF EXPRESSION OF INTEREST**

Expression of Interest Statement of IE, interested to be considered for the services contemplated shall fill up the enclosed form in single copy. The numbers below correspond to the numbers contained in the enclosed form (**Annex-III**):

1. The Shortlisting of Consultant shall be done based on the marks obtained by the firm after evaluation of firm's experience, credential etc. A Consulting Engineering firm may submit the proposal either as a sole applicant or as a member of Joint venture for different categories. However, if a firm submits Expression of Interest for the same category in different combinations, all such Expression of Interest involving the firm shall be treated as non-responsive.
2. Complete name of firm, date of establishment and type of organization whether individual, proprietorship, partnership, private limited company, limited company etc.
3. Name of affiliate firms, their years of establishment, countries of origin and type of organization.
4. Exact and complete home office address, business address, telephone number, Fax number, E-mail and cable address. For consulting firms of foreign registry, indicate if there is any branch office(s) established in India with details in the aforesaid manner. Information is to be furnished by the sole applicant or members of JV individually.
5. If present firm is the successor to or outgrowth of one or more predecessor firms, fresh name(s) of former entity (ties) and the year(s) of their original establishment. Information is to be furnished by the sole applicant or members of JV individually.
6. Present a brief narrative description of the firms. Information is to be furnished by the sole applicant or members of JV individually.
7. List not more than two (2) principals who may be contacted by this Office. Listed principals must be empowered to speak for the firm on policy and contractual matters. Information is to be furnished by the sole applicant or members of JV individually.
8. (i) Indicate the number/ list of employees by discipline. While some personnel may be qualified in several disciplines, each person should be counted only once in accordance with his/her primary functions. Indicate the number/ list of permanent / regular employees by discipline with experience of 5 to 10 years and more than 10 years.

9. Under this item, indicate the financial figures from consultancy business for the last five (5) years. Gross fees received as Prime Consultant or in joint venture with other consulting firms separately for design consultancy and supervision consultancy.

10. This item represents the completed highway project in the hilly region involving construction supervision and design of tunnel of minimum aggregate tunnel lengths of **7000 mtrs** and bridge consultancy projects of the consultant and those handled during the last five (5) years. The first column represents the list of all eligible projects. The second column represents the name of the project was started and how it was accomplished, i.e., as Prime Consultant or through joint venture or as an associate with other Consultants. If it was implemented as an associate with other consultant, indicate name of the consultant. Third column represents the consulting services rendered, defined as clearly as possible. Fourth column represents length of project. Fifth column represents the Client whom the services were rendered and the address of the Client. Sixth and seventh column represents the fee received by the Consultant and the last column represents the duration of services. The fee should be stated in Indian Rupees. The currency conversion rate shall be furnished, if applicable. Attach services completion certificates or any equivalent proof to substantiate the experience. The firm should furnish the project-wise supporting statement which best illustrates the experience of the firm relevant to the project.

11. List of minimum essential equipment which the firm must possess for eligibility. The equipments owned by all the members of JV shall be considered in case of JV.

EXPRESSION OF INTEREST FORM FOR CONSULTING ENGINEERING FIRM/ JOINT VENTURE**(To be filled up by each of the constituent firm in case of a Joint Venture)**

1. Stretches for which this application is to be considered:

S/No	State	NH	Project Stretch	Project length in km

2&3

Consultant	Year Established	Country	Type of Organization			
			Individual	Partnership	Corporation	Other
2. Name						
3. Affiliated Firms						

4. OFFICE/BUSINESS ADDRESS/TELEPHONE NOS. /CABLE ADDRESS

5. CONSULTING FIRMS FORMER NAME AND YEAR ESTABLISHMENT

6. NARRATIVE DESCRIPTION OF FIRMS (Use other sheet, if necessary)

7. NAME OF, NOT MORE THAN TWO (2) PRINCIPALS WHO MAY BE CONTACTED WITH TITLE AND TELEPHONE NUMBER/FAX NUMBER

8. NUMBER OF PERSONNEL IN THE ORGANISATION

S/No	Discipline	Number		
	Key Personnel	* Experience > 10 Years	* Experience Between 5 to 10 Years	* Experience In BOT Projects
1	Team Leader-cum-Tunnel Expert			
2	Tunnel Design Engineer			
3	Senior Geologist			
4	Senior Geotechnical Engineer			
5	Senior E & M Expert			
6	Tunnel Safety Expert			

7	Tunnel Excavation Engineer			
8	Tunnel lining Engineer			
9	Ventilation Engineer			
10	Hydrologist/Drainage Expert			
11	Material & Quality Control Engineer			
12	Quantity Surveyor & Documentation Expert			
13	Bridge Engineer			
14	Highway/Pavement Engineer			
15	Survey Engineer			
16	Financial Expert			
17	Legal Expert			
18	Environment / Social Expert			

• Experience here means experience in the capacity of Independent Engineer/ Project Supervision Consultants only.

9. FINANCIAL STATEMENT OF THE LAST FIVE FINANCIAL YEARS

S/No	Particulars	2014-15	2013-14	2012-13	2011-12	2010-11
1	Annual turnover from Consulting business					
2	Total Assets					
3	Current Assets					
4	Total Liabilities					
5	Current Liabilities					
6	Net Worth					
7	Working Capital					
8	Net Profit					

Note: i). The amount shall be stated in INR.(Consider US\$1=INR.60)
 ii). The currency conversion rate for the respective years shall be mentioned for other international currencies.
 iii). The application with amount stated in currencies other than INR shall be treated as non responsive.

10. HIGHWAY PROJECTS HANDLED BY THE CONSULTING FIRMS DURING THE LAST SEVEN YEARS (Only those projects be included ,which are supported by the certificate of the clients mentioning that the consultancy work has been completed satisfactorily or has been substantially completed in case of project supervision works (substantial completion means 90% work in financial value having been executed) satisfactorily.

S/No	Projects Name / Year	Type of Services Rendered including (A,B,C,D)	Length of Project (kms)	Client (with complete address, contact person, telephone Nos. and Fax Nos.)	Fee in INR (Applicant's share in case of JV)		Duration
	Prime Consultant or Joint Venture (Road/Highway projects with experience in tunnels)				Fee for IC/ Project Supervision	Fee for design and other services	
1	2	3	4	5	6	7	8

- A Design of 2/4/6 –laned Highway projects or Expressways.
- B Design/proof checking of major Highways structure including design/DPR of Highway/Railway/Metro Tunnel project.
- C Independent Consultant/ Project Supervision of 2/4/6 lane Highway projects involving construction of tunnels.
- D Independent Consultant/Supervision Consultant of 2/4/6 lane Highway projects in the hilly and mountainous terrain.

Supporting Statements to Clients' certificates may be furnished giving full details of the projects carried out as below:

Name of Overall Project : -----

Location of Overall Project : -----

Owner, Name & Address : -----

Completion (Actual & Estimation) : -----

Description of Project : -----

Description of service provided : -----
by the Firm

11. List of minimum essential equipment which the firm must possess for eligibility

- | 1) Pavement condition survey equipment | No of sets |
|---|------------|
| <ul style="list-style-type: none"> • Benkelman Beam • Roughometer or any other suitable equipment | |
| 2) Laboratory facility <ul style="list-style-type: none"> • Soil testing for atterberg limits, soil classifications, moisture content, density, CBR, etc. | |
| 3) Survey Equipments <ul style="list-style-type: none"> • Total Station, GPS (other than hand held) | |
| 4) Office Equipment <ul style="list-style-type: none"> • Computer • Plotter | |
| 5) Software <ul style="list-style-type: none"> • Mx/MOSS or equivalent • Auto CADD • STAAD or equivalent | |

I certify that the information in the above Expression of Interest forms is true to the best of my knowledge.

PRESIDENT / MANAGING DIRECTOR OR AUTHORIZED SIGNATORY[#] SUBSCRIBED
AND SWORN to before me this _____ date of _____,
2016 _____ at _____ **NOTARY PUBLIC**

[#] Please attach Power of Attorney as described or valid authorization.

ELIGIBILITY CRITERIA

1. The eligibility criteria for each group in respect of experience of firms is mentioned below:

A). Eligibility Criteria for sole applicant firm or lead partner in case of JV/ Association

S/No	Experience of the firm in		Annual Turnover*
	Preparation of DPR (NH/SH/Equivalent)	Project Supervision/IC (NH/SH/Equivalent)	
1.	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).	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. Firm should also have experience of Project Supervision/IC of at least Highway Tunnel/ Railways/ Metro Tunnel project of minimum aggregate length of 7000 mtrs or of which a single stretch tunnel should be of 3000 mtrs more in the last 10 years. It is desirable to have the experience in construction supervision/IC of 2/4/6 lane project of minimum length of 100 km of NH/SH or equivalent standard.	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.

* Annual Turnover should be duly certified by statutory body like Chartered Accountant or Independent Auditors who are competent to do so as recognized by the State concerned.

B).Eligibility Criteria for partner in case of JV (not more than one partner shall be allowed)

In case of JV, the lead partner must fulfill the requirements as in para (A) and JV partner should have

Both the Partner in case of JV should be of equal Technical capacity and both the partners should be fulfilling all the criteria individually.

Note: If the applicant firm (s) has / have completed projects as lead partner in a JV/ Association with some other firms, 75% weightage shall be given. However, if the applicant firm has executed the project in a JV/Association with some other firms other than in the capacity of a lead partner, 40% weightage shall be given to the applicant firm for the projects in a JV. If the firm has executed the project in association with some other firms other than in the capacity of the lead partner, 25% weightage shall be given applicant firm for the project in association.

2. List of minimum essential equipment which the firm must possess for eligibility:-

(i) Pavement condition survey equipment

- Benkelman Beam
- Roughometer or any other suitable equipment

(ii) Laboratory facility

- Soil testing for atterberg limits, soil classifications, moisture content, Density, CBR, etc.

(iii) Survey Equipments

- Total Station, GPS (other than hand held)

(iv) Office Equipment

- Computer
- Plotter

(v) Software

- Mx/MOSS or equivalent
- Auto CADD
- STAAD or equivalent