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Kerala State Transport Project (KSTP)
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Date: 24.01.2019

**NOTICE INVITING EXPRESSION OF INTEREST FOR EMPANELMENT OF
CONSULTANTS FOR PREPARATION OF DETAILED PROJECT REPORT (DPR)
OF ROADS & BRIDGES UNDER REBUILD KERALA INITIATIVE**

1. Government of Kerala through Kerala State Transport Project (the “**Authority**”) intends to take up reconstruction and rehabilitation of State Highways and Major District Roads damaged during 2018 flood and landslide that occurred in the State of Kerala as part of Rebuild Kerala Initiative (RKI).
2. Under this initiative, the Authority invites Expression of Interest (EoI) for Empanelment/Short-listing of Consulting engineering firms/Companies/Joint ventures having experience in preparation of Detailed Project Report (DPR) of roads & bridges.
3. Expression of interest should be submitted in sealed cover and delivered at the address given below on or before 12/02/2019, 15.00 hrs and should be clearly marked as “**Empanelment of Consultants for Preparation of Detailed Project Report under Rebuild Kerala Initiative**”. The details are available in the Letter of Invitation and Terms of Reference which may be downloaded from the website: <http://www.keralapwd.gov.in/>
4. Based on relevant experience in DPR preparation as detailed in the Terms of Reference, the Authority shall shortlist the firms and prepare a panel of 5(five) consultants for the projects under RKI.
5. Interested Consulting engineering firms/Companies/Joint ventures may obtain further information from the following address.

ADDRESS FOR COMMUNICATION

Office of the Project Director,

Kerala State Transport Project (KSTP),
Project Management Team,
T.C. 11/339, SreeBala Building,
Keston Road, Nanthancode,
Kowdiar P.O., Thiruvananthapuram – 695003
Email: pdkstp@gmail.com, cepmtkstp@gmail.com

Sd/-
PROJECT DIRECTOR,
Kerala State Transport Project

SECTION-I INSTRUCTION TO CONSULTANTS

1. Background:

1.1 The heavy monsoon of 2018 brought widespread flooding to several districts of Kerala and triggered thousands of small to big landslides in the State. The events in August 2018 are considered the worst flooding in nearly a century, impacting almost 5.4 million people or one sixth of the State's population and the Government of Kerala (GoK) is faced with the challenging task of reconstructing flood-affected infrastructure in a climate-resilient manner while also initiating important sectoral reforms and improvements. Recognizing the urgency of the situation and helping to restore people's livelihoods as soon as possible, the Kerala PWD has formulated and implemented an emergency action plan to repair and climate-resilient reconstruction of flood-damaged roads and bridges. The Rebuild Kerala Initiative (RKI) will be at the core of these efforts and will also be the overall anchor for the Project. As a part of Rebuild Kerala Initiative, the Kerala State Transport Project (the "Authority") under the Kerala Public Works Department (PWD) of the Government of Kerala intends to take up the reconstruction and rehabilitation of State Highways and Major District Roads damaged during the flood and landslide in the State of Kerala.

2. Objective:

2.1 The objective of the assignment is to short-list/empanel eligible consulting engineering firms/ companies/joint ventures who have proven experience for preparation of Detailed Project Report of roads and bridges. After empanelment/shortlisting of consultants, the Authority may invite full technical proposal and financial proposal from the empanelled/shortlisted consulting engineering firms/companies/joint ventures from time to time as required in order to carry out the implementation of the above project.

3. Scope of Work

3.1 The indicative scope of work is given below but actual work may not be limited to this. Detailed scope of work would be informed to consultants for the specific road

projects as and when required.

- Detailed reconnaissance survey
- Traffic studies including traffic surveys for 3 days and OD & Axle load survey for 1 day at 1 location
- Review the bus transport services (local as well as inter-city) plying on the project road and suggest measures to increase public transport share in this corridor. As part of OD survey, O-D pattern for passenger travel demand should be analysed critically and also establish assessment of current demand, service levels and willingness to pay for ordinary/premium bus transport should also be undertaken.
- Comprehensive vulnerability risk assessments of the project road from climate and natural hazards like floods with the help of high level hydraulic and hydrological study, historical data of OFL/HFL and detailed consultation with Irrigation Department which should be recorded as part of the report. The flood and hydrological maps, if available, should be studied as part of this exercise. Based on these studies, climate and disaster proofing engineering treatments shall be specifically suggested. A separate chapter should be included as part of Survey Investigation Reports, Draft and Final DPR. Inventory and condition surveys of road and existing structures as per visual observation
- Environmental Sustainability and Social Impact- The consultant shall undertake the detailed environmental and social impact assessment in the light of recent Floods in Kerala and the lessons to be learnt in accordance with the standard set by the World Bank/ADB and other funding agencies like KFW.
- Detailed topographic surveys using mobile LIDAR Technology equipped with minimum Engineering Grade System or any other equivalent Technology having output accuracy more than (a) Specified in IRC SP 19 (b) Total station (c) GPS/DGPS. Further, conducting hydrology surveys at five (5) points along the project corridor which are assumed to be potential risk points of flooding. Each point will be surveyed covering 2 sq km area.
- Pavement investigation using FWD technique as per IRC 115 - 2014

- Sub-grade characteristics and strength; investigation of required sub-grade and sub-soil characteristics and strength for road and embankment design and sub-soil investigations using trial pits at every kilometre staggered on LHS & RHS. Also, conducting DCP tests including Field Dry Density at subgrade level and analysis of existing granular base and sub base samples.
- Geotechnical investigations at major / minor bridge locations and road / road embankment along the section. The total number of bore logs considered is 30 numbers at 15m each. Any increase in bore log numbers / lengths shall be paid extra.
- Testing of borrow and quarry material for earth work and pavement construction.
- Preparation of plan and profile drawings for development of road to 2 lanes (7m) with paved shoulders (1.5m each) as per 2 laning manual (Manual of Specifications and Standards for two-laning of State Highways, IRC SP 73 – 2015), within the available ROW, (the manual require 2 m earthen shoulder, however the same will be discussed on finalized based on available land).and estimation of earth work quantities. The existing ROW should be plotted on the alignment plans and wherever LA is required to accommodate design standards, the same shall be discussed with client and indicated in the DPR.
- Estimation of traffic projection based on the estimated growth rates.
- Design of pavement for reconstruction using IRC 37-2012 and overlay design using IRC 115-2014, for the updated traffic projections. Historical data of available with Kerala will be collected and used for finalisation of pavement designs with life cycle costing approach; use of RAP for resource conservation should be explored. Possibility of adopting European long life/ perpetual pavement design concepts of U.S. both semi-rigid (rigid concrete base with flexible top)and flexible pavement should be explored. Possibility of other value engineering measures like use of geo-grid in bituminous layers, polymer modified bitumen (NRMB) for its water-resistant properties shall be studied and recommended, if required. The requirement of sub-surface drainage and out-falls should be properly studied and identified,
- Preparation of GAD's according to provisions in IRC SP 73 – 2015 or IRC guidelines as per the recent code of practice in consultation with KSTP.

- Preparation of Good for Construction drawings for the cross-drainage structures
- Proposals for rehabilitation measures in major & minor bridges, based on bridge condition surveys
- Junction improvement proposals with reference to latest code provisions for major junctions
- Provisions of engineering design features for enhanced public transport as required i.e. footpaths, bus stops with safe alighting and dropping facility, markings for bus bays etc. and safe pedestrian crossing facilities
- Design of retaining structures wherever required
- Design of road side drains as per the codal provisions
- Proposals for road signs and markings as per latest code and giving attention to safety factors
- Preparation of quantities and cost estimate with respect to current schedule of rates of Government of Kerala. Rates will be compared with quoted rates in other projects in the region.
- Prepare Utility Map covering both over and under-ground utilities and with a list of utility shifting requirements and broad estimates

4. Deliverables

4.1 The study will come up with Detailed Project Report and Drawings for the redevelopment of road under item rate contract. The following will be the deliverables for the proposed assignment

- Submission of Inception Report – within 10 days of receipt of work order
- Submission of Survey and investigation report – within 6 weeks of receipt of work order
- Submission of Draft DPR along with Plan & Profile drawings, Drawings for reconstruction of CD structures and other related drawings – within 10 weeks of receipt of work order
- Submission of Final DPR – Within 12 weeks of receipt of WO

- Preparation of quantities with cost estimate and bid document for tender once final DPR is approved within 2 weeks from the date of approval of final DPR
- Utility Map covering both over and under-ground utilities with a list of utility shifting requirements and broad estimates within 2 weeks from the Date of approval of Final DPR

5. Payment Schedule:

Payment schedule for the above fees shall be as follows:

- On submission of Inception Report – 25%
- On submission of field investigation report – 25%
- On submission of Draft DPR – 30%
- On submission of Final DPR – 10%
- Quantities with cost estimate and bid document for tender and Utility Map-10%

6. Minimum Eligibility Criteria:

6.1 Only those consultants who satisfy the minimum eligible criteria as specified in the “Annexure-III-Eligibility Criteria” need to apply. Client certificates shall be required for experience in both DPR and project Supervision. The consulting firm may be a Registered Company/Firm of Individuals/Joint Venture. 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.

6.2 The Consultant should furnish an undertaking to the effect that the firm has not been blacklisted/debarred in India or abroad by any government department/agency.

6.3 Consultancy services are to be provided by an integrated multi-disciplinary team of key personnel consisting of Team Leader–cum–Sr. Highway Engineer, Sr. Bridge/ Structural Engineer, Sr. Pavement Specialist, Sr. Quality/ Material Expert, Road Safety Specialist, Contract Specialist and Social and Environmental Specialist whose eli-

gibility shall be as per the Clause 7(b) Annexure-II

6.4 The Short-listing of Consultant shall be done based on the marks obtained by the firm after evaluation of firm's experience, credential etc. The points assigned for evaluation criteria is as specified in the Annexure-III

7. Process of Empanelment:

7.1 This EoI is in nature of request for empanelment intended to result in the selection of a panel of Consultants. The responses received pursuant to this EoI will be evaluated as per the criteria specified in this document and the qualified Consultants will be empanelled, as explained in this document. The Authority will notify the empanelled list of consultants for submission of their bids, as and when required, on detailed Request for Proposal (RFP) on a case to case basis. The consultant, to work on a specific assignment, will be selected after evaluation of their full technical proposal and financial proposal.

7.2 All empanelled consultants are expected to participate in the financial bid.

7.3 If empanelled consultants fail to participate continuously three times in financial bidding process, the performance security shall be forfeited and shall be debarred for participation in future bid invited by the Authority.

7.4 The Authority will maintain the panel of Consultants for a period of 3 years from the date of its empanelment selection. This period may be extended further on the sole desire of the Authority.

7.5 The Authority may use the panel for selection of Consultants to work with it, during the 3 years validity period as above.

8. Conflict of Interest:

8.1 The Consultant is required to provide professional, objective, and impartial advice, at all times holding the Authority's interests paramount, strictly avoiding conflicts with other assignments or its own corporate interests, and acting without any consideration for future work.

8.2 The Consultant has an obligation to disclose to the Authority any situation of actual or potential conflict that impacts its capacity to serve the best interest of its Authority. Failure to disclose such situations may lead to the disqualification of the Consultant or the termination of its Contract and/ or sanctions by the Government.

9. Fraud and Corruption:

9.1 If the Authority determines that the Consultant has engaged in corrupt, fraudulent, collusive, coercive or obstructive practices, in competing for the contract, then the Authority may reject the bid on written notice to the Consultant.

9.2 The Authority requires that the Consultants empanelled through this EoI must observe the highest standards of ethics during the performance and execution of such assignments as may be allotted from time to time.

10. Right to Accept Proposal:

10.1 The Authority reserves the right to accept or reject any proposal, and to annul the Empanelment process and reject all Proposals at any time prior to empanelment/short listing, without thereby incurring any liability to the affected consultant(s) or any obligation to inform the affected consultant(s) of the grounds for such decision.

11. Amendment of EoI document:

11.1 At any time prior to the last date of receipt of bids, the Authority may for any reason, whether on its own initiative or in response to a clarification requested by a prospective bidder, modify the ToR document by an amendment. Any such amendment shall be uploaded in the website only.

12. Confidentiality:

12.1 Information relating to the examination, clarification and comparison of the Proposals shall not be disclosed to any consultants or any other persons. The undue use by any consultant of confidential information related to the process may result in re-

jection of its proposal. During the execution of the project except with the prior written consent of the Authority, the consultant and its personnel shall not at any time communicate to any person or entity any confidential information acquired in the course of the contract.

ANNEXURE I

GUIDELINES FOR PREPARATION OF EXPRESSION OF INTEREST

Expression of Interest by the Consultant interested to be considered for the services contemplated shall fill up the enclosed forms in duplicate (Original and Copy) along with covering letter (Annexure-V). Completed Expression of Interest along with the enclosures should be hard bound, page numbered and initialled on each page. All applications shall be in English language only. A Consulting Engineering firm may submit the proposal either as a sole applicant or as a Joint venture. In case of application made by a Joint Venture, either Joint Venture MOU/Agreement or Letter of Intent to form the joint venture shall be attached along with all necessary details. The numbers below correspond to the numbers contained in the enclosed form (Annexure-II). The Short-listing of Consultant shall be done based on the marks obtained by the firm after evaluation of firm's experience, credential etc.

1. Complete name of firm, date of establishment and type of organization whether individual, proprietorship, partnership, private limited company, limited company etc.
2. Name of affiliate firms, their years of establishment, countries of origin and type of organization.
3. Exact and complete office address, business address, telephone number, Fax number, E-mail 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.
4. 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.
5. Present a brief narrative description of the firms and an outline of the recent experience of the Consultant that is most relevant to the assignment. Information is to be

furnished by the sole applicant or members of JV. In case of a joint venture, information on similar assignments shall be provided for each partner. Include organizational chart, a list of Board of Directors and the beneficiary ownership.

6. 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.
7. (i) Indicate the number 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. The firms must have minimum qualification and experience of its permanent key staff as under: as specified in point 7-(ii). The consultant should be prepared to substantiate the claimed experience by presenting copies of relevant documents and references if so requested by the Authority.
8. 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.
9. This item represents the completed highway and bridge consultancy projects of the consultant and those handled in the last ten (10) years. The first column represents the list of all eligible projects. The second column represents the name of the project and third column represents 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. Fourth column represents the consulting services rendered, defined as clearly as possible. Fifth column represents length of project. Sixth column represents the Client to whom the services were rendered and the address of the Client. Seventh and eighth column represent 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. For

each assignment, the outline should indicate the names of the Consultant's Key Experts and Sub-Consultants who participated.

10. 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.

ANNEXURE II

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&2.

Consultant	Year Established	Country	Type of Organization			
			Individual	Partnership	Corporation	Others
1. Name						
2. Affiliated Firms						

3. Office business addresses / telephone nos. / cable address
4. Consulting firms former name and year establishment
5. Narrative description of firms (use other sheet, if necessary)
6. Name of, not more than two (2) principals who may be contacted with title and telephone number/fax number
7. Number/Details of personnel in the organization
 - a)

DISCIPLINE	NUMBER		
KEY PERSONNEL	Experience >10 years*	Experience between 5 to 10 Years*	Years of experience in DPR projects
Team Leader-cum-Senior Highway Engineer			
Senior Bridge/Structural Engineers			
Senior Pavement Specialists			
Traffic/Road Safety Expert			
Material/Geotechnical Engineer			
Senior Survey Engineer			

Environment Specialist			
Resettlement and Rehabilitation Specialist:			
Quantity Surveyor/Documentation Expert			

*Experience here means experience in the capacity of the said position only

b) Qualification and Experience Requirement of Key Personnel:

1. Senior Highway Engineer-cum- Team Leader

i)	Educational Qualification	Graduate in Civil Engineering
ii)	Essential Experience	
	a) Total Professional Experience	Min. 20 years
	b) Experience in Highway projects	Min. 15 years in Planning, DPR preparation and design of Highway projects and minimum of 5 years as a Team Leader.
	c) Experience in similar capacity	DPR work of two-laning of highway projects (NH/SH/Expressways) /externally aided projects such as WB / ADB/ KfW etc. of aggregate length minimum 100 Kms
iii)	Max. Age Limit	65yrs. on the date of submission of proposal

2. Senior Bridge Engineer/Structural Engineer

i)	Educational Qualification	
	Minimum	Graduate in Civil Engineering
ii)	Essential Experience	
	a) Total Professional Experience	Min. 15 years
	b) Experience in Bridge projects	Min. 10 years in DPR preparation and design of bridge projects.

	c) Experience in Similar Capacity	Bridge Engineer in highway design consultancy projects (NH/SH/ Expressways)/ externally aided projects such as WB / ADB/ KfW etc. involving design of minimum two major bridges (length more than 200m)
iii)	Max. Age Limit	65 years on the date of submission of proposal

3. Senior Pavement Specialist:

i)	Educational Qualification	
	Minimum	Graduate in Civil Engineering
ii)	Experience	
	a) Total Professional Experience	Min. 15 years
	b) Experience in Highway projects	Minimum 12 years experience in pavement design and maintenance
	c) Experience in Similar capacity	Pavement design for highway projects (NH/SH/ Expressways)/externally aided projects such as WB / ADB/ KfW etc. of aggregate length of minimum 100 Kms of DPR length
iii)	Max. Age Limit	65 years on the date of submission of proposal

4. Traffic/Road Safety Expert:

i)	Educational Qualification	
	Minimum	Graduate in Civil Engineering
ii)	Essential Experience	
	a) Total Professional Experience	Min. 15 years
	b) Experience in Highway projects	Min. 10 years on similar projects and an experience of minimum 2 years as a road safety auditor for DPR works.
	c) Experience in Similar Capacity	Traffic Engineer in highway Projects (NH/SH/Expressways/externally aided projects such as WB / ADB/ KfW etc. involving 2 laning of aggregate length minimum 100 Kms of DPR length
iii)	Max. Age Limit	65 years on the date of submission of proposal

5. Material Engineer – cum – Geo-technical Engineer:

i)	Educational Qualification	
	Minimum	Graduate in Civil Engineering
ii)	Essential Experience	
	a) Total Professional Experience	Min. 15 years
	b) Experience in Similar type of work in infrastructure projects	Min. 8 years on similar projects in geotechnical design and/or construction
	c) Experience in Similar Capacity	Material cum Geo-technical Engineer on highway projects of NH/SH/Expressways/externally aided projects such as WB / ADB/ KfW etc. of aggregate length minimum 100 Kms of DPR package length or more including at least one major bridge.
iii)	Max. Age Limit	65 years on the date of submission of proposal

6. Senior Survey Engineer:

i)	Educational Qualification	
	Minimum	Graduate in Civil Engineering
ii)	Essential Experience	
	a) Total Professional Experience	Min.15 years

	b) Experience in Highway projects	Min. 12 years on similar projects in project preparation and construction & thorough understanding of modern computer based methods of surveying
	c) Experience in Similar Capacity	Survey Engineer for projects preparation of highway project (NH/SH/Expressways) /externally aided projects such as WB / ADB/ USAID etc. involving 2 laning of aggregate length minimum 100 Kms of the DPR package length
iii)	Max. Age Limit	65 years on the date of submission of proposal

7. Environmental Specialist:

i)	Educational Qualification	
	Minimum	Graduate Engineer with specialization in Environmental Engineering / MSc in Environmental Science
ii)	Essential Experience	
	Total Professional Experience	Minimum 15 years in relevant field.
	Experience in Highway Projects	Minimum 8 years in environment impact assessment of infrastructure projects/ externally aided projects such as WB / ADB/ KfW etc.
	Experience in similar capacity	Environmental specialist for at least two DPR preparation works of roads/bridges
iii)	Max. Age Limit	60 years on the date of submission of proposal

8. Resettlement and Rehabilitation Specialist:

i)	Educational Qualification	
	Minimum	Graduate in Social Science
ii)	Essential Experience	
	a) Total Professional Experience	Min. 10 years

	b) Experience in Highway Project	Min. 5 years on highway infrastructure projects
	b) Experience in Similar Capacity	R&R Expert for at least one highway DPR work
iii)	Max. Age Limit	60 years on the date of submission of proposal

9. Quantity Surveyor/Documentation Expert:

i)	Educational Qualification	
	Minimum	Graduate in Civil Engineering
ii)	Essential Experience	
	a) Total Professional Experience	Min. 15 years
	b) Experience in Highway Projects	Min. 12 years in Preparation of Bill of Quantities, Contract documents and documentation for major highway projects involving two- laning
	c) Experience in Similar Capacity	Quantity Surveyor / Documentation Expert in highway projects (NH/SH/Expressways) involving two-laning of minimum aggregate length 100 kms the DPR package length
iii)	Max. Age Limit	65 years on the date of submission of proposal

iii) Support staff:

In additions to the above key specialists, the Consultant may also include support personnel to carry out the assignment

8. (a) FINANCIAL STATEMENT OF THE LAST FIVE FINANCIAL YEARS

Sl. No.	Particulars	2017-18	2016-17	2015-16	2014-15	2013-14
I	Annual turnover From Consulting business					
II	Total Assets					
III	Current Assets					
IV	Total Liabilities					
V	Current Liabilities					
VI	Net Worth					
VII	Working Capital					
VIII	Net Profit					

Note: The amount shall be stated in INR only.

9. Highway projects under central/NHAI/state government handled by the consulting firms during the **last ten years**. Only those projects to be included, which are supported by the certificate of the client's 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.

Sl. No.	Projects Name/Year	Prime Consultant Or Joint Venture (Road/ Highway projects with or without bridges)	Type of Services Rendered Project 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
						Fee for Project Supervision	Fee for design/DPR preparation	
1	2	3	4	5	6	7	8	9

A) Preparation of concept report, feasibility report, DPR of roads and bridges.

B) Design of 2 lane Highway Projects

C) Independent Consultant/Project Supervision of 2 or 4-lane highway projects

D) Design / Proof checking of major highway structures / District Roads.

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's Name and Address: _____

Completion (Actual and Estimated): _____

Description of Project: _____

Description of Services Provided by the Firm: _____

10. List of minimum essential equipment which the firm must possess:

Sl. No.	Equipment / Particulars	No. of Sets
1	Pavement condition survey equipment Benkelman Beam Roughometer or any other suitable equipment LiDAR instrument	
2	Laboratory facility	
3	Survey Equipments Total Station, GPS (other than hand held)	
4	Office Equipment 1. Computer 2. Plotter	
5	Software 1. Mx/Road or equivalent 2. Auto CAD 3. STAAD or equivalent	

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

**PRESIDENT / MANAGING DIRECTOR OR
AUTHORIZED SIGNATORY**

ANNEXURE – III

Eligibility Criteria

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

Sr. No.	Minimum Experience of the Firm in		Annual Turnover*
	Preparation of DPR (NH/SH/District Roads in India or Kerala)	Project Supervision/IE (NH/SH in India or Kerala)	
1	<p>The firm should have minimum 5 years experience (during last 10 years) of preparation of detailed project report/ Feasibility cum Preliminary Design Report of two/four-laning project in India/Kerala</p> <p style="text-align: center;"><u>AND</u></p> <p>The firm should also have completed preparation of DPR/ Feasibility Study cum Preliminary Design Report of two/four -laning project for at-least 200 km of road in India/Kerala</p>	<p>The firm should have minimum 10 years experience of project supervision/IE of two/four -laning project</p>	<p>Annual turnover (average of last 5 years or in each of the preceding two years) of the firm be equal to or more than Rs.8.00 crore.</p>
2	<p>Preferred Experience- The consultant should be trained and exposed to the current latest World Bank Environmental Assessment requirements. Consultant should have demonstrative experience in Sustainable Design and Procurement Thinking in the current Global Environment and Sustainability Practice domain. Successful use case should also be attached in their responses indicating their above line of thinking.</p>		

*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) Evaluation Process:

During evaluation of proposals, the Authority may at its discretion ask the respondents for clarification of their proposals. The process for evaluation of Proposals is as given below:

a) Preliminary Scrutiny:

Preliminary scrutiny of the Proposals for eligibility will be done to determine whether the proposals are complete and whether the documents have been properly signed and whether the Proposals are in generally in order as per the Check list enclosed with ToR. Proposals not conforming to such preliminary requirements shall be considered as non-responsive. Proposals conforming to preliminary scrutiny requirements will be checked for conformance to the minimum eligibility criteria. Further evaluation shall be done only after fulfilling the minimum eligibility criteria.

b) Technical Evaluation:

Only those proposals would be taken for detailed evaluation, which fulfils the minimum eligibility criteria during and responsive to preliminary scrutiny. If a Proposal is determined as not substantially responsive, the Authority shall reject it. Only proposals conforming to the eligibility criteria will be taken up for detailed evaluation. The parameters and weightage for evaluation will be as under:-

(i)	The background of the Consulting Firm: i) Years of experience in similar field projects ii) Technical Professional working on regular roll for more than 5 years iii) Financial status of the Firm	15%
(ii)	DPR completed in last 5 years i) Number and length of DPR work completed for 2 lane, 4 lane, 6 lane ii) Number of DPR completed for Major/Minor Bridges iii) Number of DPR completed for Flyovers/Expressways iv) Number of DPR projects completed in Kerala	45%
(iii)	Key Professionals i) Team Leader-cum-Senior Highway Engineer ii) Senior Bridge/Structural Engineers iii) Senior Pavement Specialist iv) Traffic/Road Safety Expert v) Material cum Geotechnical Engineer	20%

	vi) Senior Survey Engineer vii) Environmental Specialist viii) Resettlement & Rehabilitation Specialist ix) Quantity Survey/Documentation Expert	
(iv)	Empanelment of Consultancy Firm i) Ministry of Road Transport & Highways (MoRTH) ii) National Highways Authority of India (NHAI) iii) State Government iv) Central/State Government Corporations v) Others, if any	10%
v)	Demonstrative experience in Sustainable Design and Procurement Thinking in the current Global Environment and Sustainability Practice domain.	5%
v)	Methodology	5%
TOTAL		100%

C) Eligibility criteria for Partner in case of JV (not more than one partner shall be allowed) Association:

In case of JV, lead partner must fulfil the above requirements as mentioned in Para (A) above and the other JV partner (not more than one partner shall be allowed) should fulfil at least 40% of the eligibility criteria as indicated Para (A) above.

Note: The weightage given for experience of a firm would depend on the role of the firm in the respective assignments. The firm's experience would get full credit if it was the sole firm in the respective assignment. In case it was a lead firm, it would get 75% weightage; if it was the other partner in a Consortium of two firms or an associate it would get 40% weightage for the respective assignment. The above weights are reflected in the following table:

Sl. No.	Status of the Firm	Weight age for experience
1	Sole Firm	100%
2	Lead partner in a JV	75%
3	Other partner in a JV / Associate	40%

ANNEXURE-IV

DESCRIPTION OF APPROACH, METHODOLOGY, AND WORK PLAN IN RESPONDING TO THE TERMS OF REFERENCE

Explain a description of the approach, methodology and work plan for performing the assignment, including a detailed description of the proposed methodology and staffing for training, if the Terms of Reference specify training as a specific component of the assignment.

- a) ***Technical Approach and Methodology.*** {Please explain your understanding of the objectives of the assignment as outlined in the Terms of Reference (TORs), the technical approach, and the methodology you would adopt for implementing the tasks to deliver the expected output(s), and the degree of detail of such output. Please do not repeat/copy the TORs in here. }

ANNEXURE-V

EXPRESSION OF INTEREST SUBMISSION FORM

{Location, Date}

To,

Project Director
Kerala State Transport Project (KSTP),
Project Management Team,
T.C. 11/339, SreeBala Building,
Keston Road, Nanthancode,
Kowdiar P.O., Thiruvananthapuram – 695003

Dear Sir,

We, the undersigned, offer to be empanelled by the Kerala State Transport Project (**the “Authority”**) in accordance with your advertisement dated..... “We are hereby submitting our Proposal, which includes the EoI with all Annexures as per your request and with all supporting documents as required. {If the Consultant is a joint venture, insert the following::} We are submitting our Proposal as a joint venture with: {Insert a list with full name and the legal address of each member, and indicate the lead member}. We have attached a copy {insert: “of our letter of intent to form a joint venture” or, if a JV is already formed, “of the JV agreement”} signed by every participating member, which details the likely legal structure of and the confirmation of joint and severable liability of the members of the said joint venture. {OR If the Consultant’s Proposal includes Sub-consultants, insert the following: We are submitting our Proposal with the following firms as Sub-consultants: {Insert a list with full name and address of each Sub-consultant.}}

We hereby declare that:

- (a) All the information and statements made in this Proposal are true and we accept that any misinterpretation or misrepresentation contained in this Proposal may lead to our disqualification by the Authority.
- (b) Our Proposal shall be valid and remain binding upon us for the period of time specified in the ToR.
- (c) We have no conflict of interest in accordance with Clause 8 of ToR.

(d) We meet the eligibility requirements as stated in Annexure-III, and we confirm our understanding of our obligation to abide by the Authority's policy in regard to corrupt and fraudulent practices as per Clause 9 of the ToR.

(e) In competing for (and, if we are empanelled), we undertake to observe the laws against fraud and corruption, including bribery, in force in the country of the Authority.

(f) Our Proposal is binding upon us and subject to any modifications resulting from the Contract negotiations. We undertake, if our Proposal is accepted and we are empanelled, we are bound to. We understand that the Client is not bound to accept any Proposal that the Client receives.

We remain,

Yours sincerely,

Authorized Signature {In full and initials}:

Name and Title of Signatory:

Name of Consultant (company's name or JV's name):

In the capacity of:

Address:

Contact information (phone and e-mail):

{For a joint venture, either all members shall sign or only the lead member, in which case the power of attorney to sign on behalf of all members shall be attached}