

**RESEARCH AND TECHNOLOGY DEVELOPMENT PROPOSALS ON**  
**TRANSPORTATION ENGINEERING UNDER**  
**TRANSPORTATION ENGINEERING RESEARCH CENTRE (TRC-year)**

Broad area (tick the relevant one)

Broad area	Mark(✓)
Pavement materials and characterization	
Pavement engineering	
Traffic and transportation engineering	
Transportation planning and economics	

Title of the project

**CONTENTS**

S. No	ITEMS	Page No(s)
I	Executive Summary	
II	Core Proposal	
III	Budget	

**I. EXECUTIVE SUMMARY**

<b>1</b>	<b>Project title</b>	
<b>2</b>	Project cost (Amount in lakhs)	
<b>3</b>	Duration ( <i>in months</i> )	
<b>4</b>	PI Name	
	Date of Birth	
<b>5</b>	Co-PI (s) Name	
	Date of Birth	
<b>6</b>	Lead Organization	
<b>7</b>	Status of Lead Organization	
<b>8</b>	Collaborator/consortium partner name(s) if any	-
<b>9</b>	Collaborator/consortium partners status	-
<b>10</b>	Contact information with affiliation for foreign partners, if any	
<b>11</b>	Objectives	
<b>12</b>	Methodology	
<b>13</b>	Deliverables	

**2. Budget details:**

A.	Project Manpower	
B	List of Equipments required	

**14. Funds requirements from TRC (For I st year)**

S. No	Item Head	1 <sup>st</sup> Year	2 <sup>nd</sup> Year	Total (Rs.)
<b>A</b>	<b>Non-recurring (Capital Items)</b>			
1	Permanent Equipment's			
	<i>Subtotal (capital items)</i>			
<b>B</b>	<b>Recurring Items (General)</b>			
1.	Manpower			
2.	Consumables			
3	Contingencies			
4.	Travel			
5.	Other Costs ( Outsource work etc.),if any			
	<i>Subtotal (General)</i>			
<b>C</b>	<b>Total cost of the project (A+B)</b>			

**A. Total requirement of funds from TRC =**

**B. Contribution of participating institution(s), if any=**

**Total project cost (A+B) =**

## II. CORE PROPOSAL

1. **Project Title** :
2. **a) Lead Principal Investigator (PI)\***
  - Name :
  - Designation :
  - Mobile No. :
  - E-mail :**b) Co- Investigator** :
  - Name :
  - Designation :
  - Mobile No. :
  - E-mail :
3. **Target Beneficiaries** :
4. **Objectives of the Proposal**
5. **Critical Review of Status Identifying Gaps**  
  
**Status Review**  
  
**Summary of literature review**
6. **Novelty / uniqueness of the Proposal**
7. **Outline of the Project**

**8. Deliverables of the project**

**9. Methodology**

**10. Work Plan**

**11. Facilities and Infrastructure already available to the PI(s) at their Institute for implementing the project.**

<b>S.no</b>	<b>Equipment Name / Funding Source</b>	<b>For which purpose it would be utilized in current project</b>
1		

### III. BUDGET ESTIMATES

#### Break-up of Total Budget

#### I. Funds requirement from TRC. (All amounts in lakhs)

Name of Research Centre	Capital Items (A),	Other items(B)
	Non-recurring(Rs.)	Recurring head (Rs.)

Total cost =

#### **BUDGET**

Name of the Institute: College of Engineering, Trivandrum.

#### a) TRC Support

Sl. No.	Item Head	1 <sup>st</sup> Year	2 <sup>nd</sup> Year	Total
<b>A</b>	<b>Non-recurring (Capital Items)</b>			
1	Permanent Equipment			
	<i>Subtotal (capital items)</i>			
<b>B</b>	<b>Recurring Items (General)</b>			
1	Man Power			
2	Consumables			
3	Contingencies			
4	Travel			
5	Other Costs ( Outsource work etc if any)			
6	Over head			
7	Sub Total(General)			
<b>C</b>	<b>Total cost of the project (A+B)</b>			

**Details of Itemized Budget**

**Name of the Institute: College of Engineering, Trivandrum.**

**A. Non-recurring (Capital Items)**

**A1. Equipment\***

**Budget for Permanent Equipment (To be borne by TRC)**

Description of Equipment	Unit Price(CIF+ Duty/Taxes charges etc )* ( lakh )	Landed Custom + others ( Rs.in	Nos. of Equipment	Total Cost	Justification in context of proposed work

**B. Recurring Items (General)**

**B1. Manpower**

Designation*	Educational Qualification	Experience in years, if applicable	Justification
	Gross amount		

**Manpower Budget**

Designation	Total Emoluments (in Rupees)				No. of persons	(Inclusive of all Allowances ) Total Amount (Rs.)
	1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	Total (1 <sup>st</sup> +2 <sup>nd</sup> +3 <sup>rd</sup> Years)		
	Gross amount required					

**B2. Consumables**

**Budget for Consumable Materials**

Items	Unit price	Quantity needed	Amount	Justification
Gross total=				

**B3. Contingencies**

**Budget for Contingencies**

Items	Amount	Justification
Gross total=		

**B4. Domestic Travel\***

**Budget for Domestic Travel**

Items(to attend)	Total amount	Detailed Justification
Total		