# **EPSRC**

# RESEARCH PROPOSAL

EPS(RP)

Engineering and Physical Sciences Research Council Polaris House, North Star Avenue Swindon SN2 1ET You should read the separate notes for guidance and the 'Guide to Research Grants' before completing any research proposal. The form EPS(RP) must be accompanied by a case for support. The EPSRC will reject research proposals which are not complete

# 1 DETAILS OF PROPOSAL

Organization where grant	would be held			
Organization				
Division or Department				
Address				
Investigators				
Total number of investigators	1 Please give deta	ails of each inves	stigator below. Continue on a	separate sheet if necessary.
Details	Principal Inve	estigator	Co-investigator 1	Co-investigator 2
Title/Initials				
Surname				
Post held				
Organization				
Division or Department				
Telephone				
Fax				
E-mail				
Hours per week on project				
First EPSRC proposal?	Yes No		Yes No	Yes No
Change in organization?	Yes No		Yes No	Yes No
Co-authors				
Give the name and organization	on of the individu	als on this proje	ect who are co-authors of the	proposed research.
Scheme				
Indicate if the proposal is				
Fast Stream	Link	Overses	s Travel	
rast Stream		Oversea	s ITavel	
Related proposals				
a. If this proposal is a resub-	mission, please gi	ve the previous	grant proposal Ref no.	GR/
			S(RP) for this project, please	
the investigator(s) and proje	ct title(s).	_		
c. If this proposal has been s	submitted in resp	onse to a specifi	c call for proposals please give	e title of call.
Title of Research project	(Please do not	exceed 108 cha	racters including spaces)	

Summary of EPRSC Resource a. Financial resources required	ces reequired to	b. Summary of Staff effe	ort requested	c. Facilities total
	Total £	J. J	1	
Staff			26.1	
Travel and subsistence			Months	
Consumables		Post Graduate		
Exceptional items		Post Doctoral		
Equipment		project Students		£
Large Capital		Technician		
PCTF		Other		
Sub-total		Visiting Fellows		
Indirect costs		Total		
Total				
Start data and Duration a. Proposed start date  DATE		b. Duration o	f grant (months)	
evel of this support and MoD/D Percentage of support PERCENTAGE %	ERA contact nan		oD/DERA contact NAME OF CONTAC	T
Public Communication Train Do you wish to apply for Public of Dbjectives List main objectives of the proposed research in order of priority. These objectives should be those which you would				
wish the EPSRC to use in the evaluation of your work.				

## Beneficiaries

Describe who will benefit from the research.

### BENEFICIARIES HERE

## Staff

Name and grade	Starting	Increment	Appoint-	Duration	% of Full	Basic	London	Gross	Total
Name and grade	point on	date	ment	of ap-	time	starting	al-	annual	cost on
	spine	date	date	point-	ume	salary £	lowance	salary £	grant £
	spine		date	ment		Salary L	Y/N	Salary L	gram L
RESEARCH STAFF				шеш			I / IN		
i) Post Graduate									
RAs Graduate									
INAS					%				
					%				
					0% 70				
					% %				
ii) Post Doctoral RAs					70				
II) I OSt DOCTOTALICAS					%				
					%				
					%				
					% % %				
					%				
					%				
					%				
					%				
					%				
					%				
iii)Project Students									
TECHNICAL									
STAFF									
					%				
					%				
					%				
					% % % %				
					%				
OTHER STAFF									
					%				
					%				
					%				
VISITING FEL-									
LOWS									
					%				
					%				
					%				
								Total £	

## Visiting Fellows

Telephone

Fax

E-mail

details	Nominated Fellow	Financial Details of Nominated Fellow	
Title / Initials		a. Will the Fellow be supporting dependants?	Yes No
Surname		a. Will the renow be supporting dependants:	ies ivo _
Post Held		b. What annual salary would host organiza-	£
Home Organization		tion pay staff of the Fellow's status?	L.
Division or Depart-		c. if salary contribution required from EP-	
ment		SRC, state	
Country		(i) percentage of normal salary being received	%
Telephone		from any other source	/0
Fax			£
E-mail		(ii) normal salary if less than above	T
details	Nominated Fellow	Financial Details of Nominated Fellow	
Title / Initials		a. Will the Fellow be supporting dependants?	Yes No
Surname		a. Will the renow be supporting dependants.	165110
Post Held		b. What annual salary would host organiza-	£
Home Organization		tion pay staff of the Fellow's status?	L
Division or Depart-		c. if salary contribution required from EP-	
ment		SRC, state	
Country		(i) percentage of normal salary being received	%
Telephone		from any other source	70
Fax			£
E-mail		(ii) normal salary if less than above	L
details	Nominated Fellow	Financial Details of Nominated Fellow	
Title / Initials		a. Will the Fellow be supporting dependants?	Yes No
Surname		a in the renew so supporting dependents.	1351,0
Post Held		b. What annual salary would host organiza-	£
Home Organization		tion pay staff of the Fellow's status?	م
Division or Depart-		c. if salary contribution required from EP-	
ment		SRC, state	
Country		(i) percentage of normal salary being received	%
Telephone		(1) percentage of normal salary being received	

from any other source

(ii) normal salary if less than above

Travel and Subsistence				
Destination and purpose				Total £
			Total £	
				1
Consumables				
Specify				Total £
			$\textbf{Total}  \pounds$	
Exceptional Items				
Specify				Total £
			$\textbf{Total}  \pounds$	
Equipment (single items under £100,000)				
Description of items and country of manufacture	Basic price	Import duty	VAT £	Total £
· ·	£	£		
			Total £	

Description of items and country of manufacture	Basic price	Import duty	VAT £	Total £
	£	£		
			<b>—</b> 10	
			Total £	

### Facilities and Services

Give details of any proposed usage of EPSRC-supported facilities and of any services required together with the cost that will be incurred. Please complete a separate facilities form if necessary.

a. Facilities

Facility	Instrument(s)	2000/01	2001/01	2002/03	2003/04	2004/05	Total units	Cost £
							Total £	

## a. Services

Service	Instrument(s)	Total units	Cost £
		Total £	

Other Support Give details of any support received from any source for this or related research in the past three years (minimum £10,000).

Source	Brief title of research proposal(s)	Amount sought	$\begin{array}{c} \textbf{Amount} \\ \textbf{awarded} \ \pounds \end{array}$

#### Collaboration

Please give details of collaborators and their contributions to the research. These contributions should be in addition to resources identified in pages 3 to 5. If there are more than two collaborating bodies please continue on a separate sheet.

Details	Collaborator 1		Collaborator 2	
Name of contact				
Name of collaborating body				
Address of collaborating				
body				
Telephone				
Fax				
Type of organization				
Number of employees				
Main Business and SIC code				
if applicable				
Direct contribution to	Description	Value £	Description	Value £
project				
a. cash				
b. equipment / materials				
c. secondment of staff				
d. other				
Sub-Total				
Indirect contribution to				
project				
a. use of facili-				
ties/equipment				
b. staff time				
c other				
Sub-Total				
Total Contribution				
			Total Contribution (all col-	
			laborators)	

## Declaration

In completing this research proposal, we confirm that

- a. we have read the 'Guide to EPSRC Research Grants',
- b. if a grant is offered we will accept the EPSRC Terms and Conditions,
- c. we have not entered into any obligations which could conflict with these.

	Signatures	Name in BLOCK CAPITALS	Date
Principal Investigator			
Co-investigator(s)			
Administrative Authority(s) (Position held)			

#### COMPLIANCE WITH THE DATA PROTECTION ACT 1998

In accordance with the Data Protection Act 1998, the personal data provided on this form will be processed by the EPSRC, and may be held on computerised databases and/or manual files. Further details may be found in the guidance notes.

# 2 OTHER INFORMATION

This information will NOT be circulated to referees or panels.

#### Referees

Please give details of three expert referees whom the EPSRC may approach for assessment of this research proposal.

#### Referee 1

Name

Position held

Organization

Address

E-Mail

#### Referee 2

Name

Position held

Organization

Address

E-Mail

#### Referee 3

Name

Position held

Organization

Address

E-Mail

### Personal Information

The EPSRC aims to encourage equal opportunities. If you are willing to do so, please provide the information on your own and you colleagues' age, sex and ethnic origin. We will NOT use this information in the assessment of this research proposal, but only for internal and statistical purposes.

Please give details for each investigator below. Continue on a separate sheet if necessary.

	Principal Investigator	Co-Investigator 1	Co-Investigator 2
Date of birth			
Sex			
Ethnic origin (see below)			

## Ethnic origins

White	Black-African	Black-Caribbean	Black-Other	Indian
Pakistani	Bangladeshi	Chinese	Other	