

How to write a good Justification of Resources (JoR)

THE JOR should explain **why** the resources requested are appropriate for the research proposed. It should not be simply a list of the resources required as this is already given in the Je-S form. So that you don't miss any costings from the JeS form or any justifications for the items requested, we recommend that you follow the cost to the proposal headings below (where appropriate).

Cost to proposal	Justification needed	Questions to consider and answer
Staff – directly incurred posts		
Researcher	<ul style="list-style-type: none"> Need to justify why a researcher is needed for the proposed work. 	<ul style="list-style-type: none"> Is the work of sufficient technical difficulty to warrant employing a Research Assistant (RA)? Why has the level for the RA been requested?
Staff – directly allocated posts		
Principal Investigator (PI) and Co-Investigator (Col) time (please note: some Universities with prior consent from EPSRC put these costs in directly incurred posts)	<ul style="list-style-type: none"> The time that the PI and Col spend on the grant has to be justified. A PI or Col can not request time for supervising postgraduate research students, writing publications after the end of the project, writing grant applications or peer review. 	<ul style="list-style-type: none"> How much time do you intend to dedicate to the project? Will you be doing all the research yourself? What work packages are the PI and Cols involved with and why? Have you factored in enough time to work with project partners or visiting researchers? Are you only managing the staff on the project?
Travel and Subsistence	<ul style="list-style-type: none"> Need to give a full break down of the costs in the JeS form for example how many people are travelling and where are they going and why? 	<ul style="list-style-type: none"> Visits – why these are the right people to talk to and how they can contribute to you meeting your objectives. Conferences – the advantages of conference attendance, how many, who will attend these and the type you want to go to e.g. national/ international/general/subject specific etc.
Other Directly Incurred Costs	<ul style="list-style-type: none"> Need to give a description of what has been requested (however small) and why. Listing the individual items without description is not acceptable. 	<ul style="list-style-type: none"> Justify the need for any equipment requested. EPSRC will fund equipment under £50k at 80% FEC. Explain what the computers will be needed for and also justify the cost. If you are asking for a desktop and a laptop, then justify why both are needed.
Other Directly Allocated Costs	<ul style="list-style-type: none"> In some cases, such as use of internal facilities and shared staff costs, the basis of the costing doesn't need to be justified, but the need for the resources does. 	<ul style="list-style-type: none"> Explain what these are and why you need to use them.
Estates and Indirect Costs	<ul style="list-style-type: none"> Does not need to be justified. 	
Research Facilities (at Research organisations)	<ul style="list-style-type: none"> Only time needs to be justified. 	<ul style="list-style-type: none"> Explain what you are using the facility for and why you need to use this particular facility.
Pooled Technicians	<ul style="list-style-type: none"> For example workshop or laboratory technicians based at the University. Usually not named – cost has to be justified. 	<ul style="list-style-type: none"> Explain why you are using a pooled technician and justify the amount of resource requested.
Infrastructure Technicians	<ul style="list-style-type: none"> For example Health and Safety Officer at University. Cost should be displayed separately to Estate and Indirect costs in the other Directly Allocated costs box. This cost does not need to be justified. 	
Exceptions		
PhD student	<ul style="list-style-type: none"> Need to justify why a PhD student is needed for the proposed work. 	<ul style="list-style-type: none"> Will a student be skilled enough to tackle the research problems, and will they in all likelihood get a thesis out of it? If you are asking for both an RA and a student, is there sufficient work at the right technical level for both of them? Why are both needed on the project?
Equipment over £50k	<ul style="list-style-type: none"> Need to justify all equipment over and under £50k. EPSRC will fund the first £50k of the cost of the equipment at 80% and the remaining amount at 100% FEC. 	<ul style="list-style-type: none"> Why do you need this equipment for this proposed research? What will it be used for and who will be using it?