

Cost Category	PI: Bai Cui (WBS # 26-1217-0020-401)			CO-PI: Youngfeng Lu (WBS # 26-1217-0020-411)			TOTAL PROJECT
	Year 1	Year 2	Total	Year 1	Year 2	Total	
<b>1. PERSONAL SERVICES:</b>							
Other Academic Salaries (Post-doc)	25,200	-	25,200	10,800	-	10,800	36,000
Graduate Assistants	8,400	-	8,400	3,600	-	3,600	12,000
Other Salaries & Wages	-	-	-	-	-	-	-
<b>1a. Sub-total: Salaries &amp; Wages</b>	<b>33,600</b>	<b>-</b>	<b>33,600</b>	<b>14,400</b>	<b>-</b>	<b>14,400</b>	<b>48,000</b>
Benefits	10,080	-	10,080	4,320	-	4,320	14,400
Graduate Assistant Health Insurance	708	-	708	304	-	304	1,012
Staff Remission	3,192	-	3,192	1,368	-	1,368	4,560
Other	-	-	-	-	-	-	-
<b>1b. Sub-total: Benefits</b>	<b>13,980</b>	<b>-</b>	<b>13,980</b>	<b>5,992</b>	<b>-</b>	<b>5,992</b>	<b>19,972</b>
<b>1c. Sub-total: Personal Services</b>	<b>47,580</b>	<b>-</b>	<b>47,580</b>	<b>20,392</b>	<b>-</b>	<b>20,392</b>	<b>67,972</b>
<b>2. NON-PERSONAL SERVICES:</b>							
Operating Expenses/Services	2,660	-	2,660	1,140	-	1,140	3,800
Supplies and Materials	4,220	-	4,220	1,808	-	1,808	6,028
Travel	4,200	-	4,200	1,800	-	1,800	6,000
Capital Expenses (Equipment)	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-
<b>2. Sub-total: Non-Personal Services</b>	<b>11,080</b>	<b>-</b>	<b>11,080</b>	<b>4,748</b>	<b>-</b>	<b>4,748</b>	<b>15,828</b>
<b>3. TOTAL</b>	<b>58,660</b>	<b>-</b>	<b>58,660</b>	<b>25,140</b>	<b>-</b>	<b>25,140</b>	<b>83,800</b>

Name	WBS	Year 1	Year 2	Total
Bai Cui	26-1217-0020-401	58,660	-	58,660
Youngfeng Lu	26-1217-0020-411	25,140	-	25,140
<b>Total</b>		<b>83,800</b>	<b>-</b>	<b>83,800</b>

The budget needs to be carefully thought out. Frequently purchases are needed for the project that were not included in the budget and then approval needs to be requested. This is particularly true when budgeting Supplies and Materials.



## Costs

- All standard UNL financial rules and regulations will apply.
- All budget categories and amounts must be directly related to the funded research project as per the final approved proposal.
- **No** facilities and administrative (**F&A**) **costs** will be charged to these grants because F&A has already been charged on funding provided by the Nebraska Public Power District (NPPD) to the University of Nebraska-Lincoln (UNL).

## Costs - Allowable

### Personal Services

- Non-tenure track faculty
- Graduate students, hourly help, and postdoctoral positions (postdocs)
- Benefits

### Non-personal Services

- Operating Expenses / Services
- Supplies and Materials
- Travel (no foreign travel)
- Capital Expenses (equipment as per definition)



## Costs – Not Allowable

- To replace current funding
- Match funding
- Tenured/tenure-track faculty salaries
- Existing or new staff positions
- Remodeling, renovation or construction
- Recruitment or start-up packages for new hires



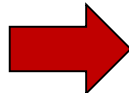
## **Costs – Not Allowable (continued)**

- Supplies for general purposes, which include but are not limited to desktop computers, laptop computers, other electronic devices, printers, software, and related accessories; and general office supplies not exclusive to this project.
- Foreign travel or costs associated with foreign travel, such as conference registrations or fees.

# Budget and Budget Justification

The maximum amount available is identified in SAP in the “**Plan**” column on the line, “**Total Direct Costs.**”

Cost Elements	Plan
515000 Plan Other Acad Sal	48,000.00
* Other Academic Salaries & Wages	48,000.00
** Total Salaries & Wages	48,000.00
519000 Planned Benefits	15,412.00
* Planned Benefits	15,412.00
519600 Staff Remissions	4,560.00
* Staff Remissions	4,560.00
** Total Benefits	19,972.00
*** Total Personal Services	67,972.00
520000 Plan Tot Operate Exp	3,800.00
* Operating Expenses/Services	3,800.00
530000 Plan Sup & Materials	6,028.00
* Operating Supplies	6,028.00
** Total Operating & Supplies	9,828.00
540000 Planned Travel Expenses	6,000.00
* Domestic Travel Expense	6,000.00
** All Travel Domestic and Foreign	6,000.00
*** Total Non-Personal Services	15,828.00
**** Total Direct Costs	83,800.00
**** <del>Plan Indir Cost &amp; Oth</del>	<del>9,310.00</del>
**** <del>Other Deductions</del>	<del>9,310.00</del>
***** Total Expense	93,110.00



**SUMMARY.**

Cost Center: WBS# 26-1217-0020-401 Action: A-01 New Award  
 Type: Research – Cycle 13 Issue Date: December 10, 2018  
 Project Title: Novel High-Entropy Ceramic Materials for Extreme Environments  
 Principal Investigator: Bai Cui Department: Mechanical & Materials Eng.  
 Co-Investigator: Youngfeng Lu Department: Electrical Engineering  
 Project Period: Start Date - January 1, 2019 End Date - December 31, 2019

Maximum Budget:

Year	Project Total	Cui #401	Lu #411
Year 1	\$ 83,800.00	\$58,660.00	\$25,140.00
Year 2	Provisional	Provisional	Provisional
Total	\$ 83,800.00	\$58,660.00	\$25,140.00







## SAP Account(s) Monitoring

- Financial liaison monitors day to day expenses
- NCESR monitors and prepares financial report first week of each month.
- PI to spend within budgeted categories
- PI to spend only on his/her portion of project
- Foreign travel restricted in SAP
- Overspending not allowed
- Call us if unsure about expenditure



## Prior Approval on Budget Changes

Funds may be shifted among budget categories; however, the cumulative total of these changes must be within  $\pm 20\%$  of the total grant amount. To allocate funds among line items in excess of the cumulative limit, you must first start by sending a written request to Brenda Coufal, Program Coordinator at NCESR ([brenda.coufal@unl.edu](mailto:brenda.coufal@unl.edu)) for approval prior to incurring additional commitments and/or expenditures that exceed the limit.