



Government of India  
Department of Atomic Energy (DAE)  
Board of Research in Nuclear Sciences (BRNS)

Dr Ashok Kumar Pandey,  
Programme Officer

BRNS  
Secretariat, 316-C, CFB,  
BARC, Trombay,  
Mumbai-400085  
Email:  
prg1.brns@barc.gov.in

No: 59/14/08/2020-BRNS/59006

Date: 6/10/20

**OFFICE MEMORANDUM**

Sub: R/P entitled "Electromagnetic Welding of Dissimilar Material Tubes and its Optimization for Nuclear Reactor Applications" under Dr. Ramanalah Nallu, Professor, Department of Mechanical Engineering, A U College of Engineering (A), Andhra University, Visakhapatnam, AP- 530003. bearing sanction 59/14/08/2020-BRNS with DIR, BRNS.

On the recommendations of the Board of Research in Nuclear Sciences (BRNS), I am pleased to convey the administrative approval and sanction of the President of India for the captioned project for 3 years beginning from financial year 2020-2021 with a total grant of Rs. 29,20,800/- (Rupees twenty nine lakh twenty thousand eight hundred only) for the project as under :

Item of expenditure	Year 1 (2020-2021)	Year 2 (2021-2022)	Year 3 (2022-2023)
Equipments	1000000	0	0
Staff Salary - JRF (1)	372000	372000	0
Staff Salary - SRF	0	0	420000
Consumables	80000	80000	80000
Travel - PI	30000	30000	30000
Contingencies	25000	25000	25000
Overheads	100000	36150	39750
<b>Total(INR)</b>	<b>1607000</b>	<b>543150</b>	<b>594750</b>

Note: \* Electro chemical Workstation- Impedance Analyzer, High Performance Computing, Multiphysics Software JRF salary calculated @31,000/- p.m. for first two years and on redesignation by committee on in third year as SRF @ 35,000/- p.m.

Please note that as per the government orders under Direct Benefit Transfer (DBT) scheme, the staff salary has to be transferred to his/her bank account. Accordingly, Aadhar Number (UID) of the appointed staff, Bank Account details and the Mobile number linked to the bank account should be obtained and it should be intimated to this office.

Overheads calculated @ 7.5% of the other heads except contingency. The remaining 7.5% towards overheads (Rs. 1,75,900/-) shall be released only on meeting the requirements specified (See Annex-B).

- I am also pleased to convey the sanction of the President of India to incur an expenditure of Rs. 16,07,000/- (Rupees sixteen lakh seven thousand only) towards grant for the year 2020-2021 .
- The expenditure involved is debit to: 03 3401 00 004 27 0231.
- This is issued with the concurrence of the competent authority in the Department

*Ashok Pandey*  
6/10/2020

Dr Ashok Kumar Pandey

Copy forwarded to:

1. Director of Audit, Scientific Department, AEAP, OYC, CSM Marg, Mumbai-400 001.
2. Joint Secretary (R&D), DAE, Anushakti Bhavan, CSM Marg, Mumbai-400 001.
3. Principal, A U College of Engineering (A), Andhra University, Visakhapatnam, AP- 530003..
4. Principal Investigator(PI): Dr. Ramanaiah Nallu, ,Professor, Department of Mechanical Engineering, A U College of Engineering (A), Andhra University, Visakhapatnam, AP- 530003..

A. First year grant is being released in full along with this Sanction Letter through Pay & Accounts Officer, Department of Atomic Energy, Anushakti Bhavan, CSM Marg, Mumbai-400 001 directly. You may await a Money transfer (MT) through ECS and The amount would be credited electronically to A/C No: 133310011002739, A/C Name: AUCE (A) Consultancy Account, IFSC: ANDB0001333, Andhra Bank AU Engineering College Branch Sanketika Vidyadhini Bhavan, AU Engg. College..

- i) Acceptance of this sanction and the MT for the amount sanctioned for the first financial year may please be acknowledged (Form-I).
- ii) A sticker of the BRNS LOGO (Copy Enclosed) should be pasted on all the items procured under the project.
- iii) THIS SANCTION IS FURTHER SUBJECT TO THE CONDITIONS STIPULATED IN ANNEX (ENCLOSED), WHICH MAY BE GONE THROUGH CAREFULLY.

B. Second year Sanction Letter will be issued automatically in the month of April/May of the 2nd financial year, however, the grant will be released (unspent balance of previous year and interest earned will be adjusted) after the PI submits the following documents to the Programme Officer DIR:

- a) Claim in Form-II quoting the reference of the sanction issued for the first year.
- b) Utilisation Certificate (UC) as on 31st March of the preceding financial year in Form-III duly audited by the Internal Auditor of the University/ Institution or a Chartered Accountant.
- c) Statement of Accounts (SA) as on 31st March of the preceding financial year should be updated on the website. Interest earned in previous year should be reflected in the Statement of Accounts. A printout of the same should be sent to BRNS after it is duly audited by the Internal Auditor of the University/ Institution or a Chartered Accountant.
- d) Copy of appointment order and joining report of the staff appointed for the project along with minutes of the Selection Committee, alongwith HRA CLAIM (if applicable), should be uploaded in a single pdf file under the file head "Staff Appointment Details". In addition, the details of the appointed staff should also be updated in the available menu.
- e) The inventory of equipment also should be updated in the menu, besides uploading the purchase order of the items costing more than 1 Lakh.
- f) A One Page report on the progress of work during first year.

C. Third and subsequent years (if any) the Sanction Letter and the grant will be released on fulfillment of the following requirements:

- i) Renewal/ Extension Application: Principal Investigator (PI) is required to upload by January 15 a pdf copy of duly signed renewal/ extension application in the prescribed form-(PRA) after logging into his/her account at <https://brns.res.in>. All applications received shall be examined by experts from the field and PIs may be invited to a Technical Programme Discussion Meeting (TPDM). Renewal of the project will be based on the recommendations of the TPDM, Advisory Committee and the Board.
- ii) Sanction Letter: If the progress is found to be satisfactory the renewal sanction for the year will be issued in the beginning of that financial year in April/May.
- iii) Claim: On receipt of the renewal sanction, the PI shall claim the funds sanctioned by submitting the following documents to Programme Officer DIR, 316-C, Common Facility Building, BARC, Trombay, Mumbai-400085:
  - a) Claim in Form-II quoting reference of the renewal sanction.
  - b) Utilisation Certificate (UC) as on 31st March of the preceding financial year in Form-III duly audited by the Internal Auditor of the University/ Institution or a Chartered Accountant. should be reflected in the Statement of Accounts.
  - c) Statement of Accounts (SA) as on 31st March of the preceding financial year including the amount of interest earned in previous year and duly audited by the Internal Auditor of the University/ Institution or a

Chartered Accountant.

d) Copy of appointment order and joining report of the staff appointed for the project along with minutes of the Selection Committee.

e) An inventory of equipment and the copy of Purchase order of equipments costing more than 1 Lakh.

D. At the end of Terminal Year the Settlement Grant and the Balance 7.5% Overheads will be released on fulfillment of the following requirements:

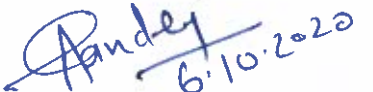
a) Claim Form-II if any,

b) The final Consolidated Statement of Accounts (SA) and Consolidated Utilization Certificate duly audited by an external Chartered Accountant or the Statutory (Govt.) Auditor. It is mandatory to include the amount of bank interest earned on the grant released into the SA.

c) Final Consolidated Progress Report and a brief report as per format given in Form-VII .

5. AAO (Cheque), DAE, Anushakti Bhavan, CSM Marg, Mumbai - 400 001 – With a request that the amount granted for the first year of the project may be released.
6. Member Secretary (DIR) : Dr. Nagaraj Alangi, [ms9.brns@barc.gov.in](mailto:ms9.brns@barc.gov.in); Ph:+91-1234
7. Co-Investigator (CI) : Mallikarjun Rao, Professor Electrical Engineering Dept, AUCE, Andhra University, Visakhapatnam, Email : [electricalprofessor@gmail.com](mailto:electricalprofessor@gmail.com), Mobile :9848175818
8. Project Collaborator (PC): M Venkata Ratnam, Engineering Service Division, BARC, Visakhapatnam, Email : [mvrtnam@barc.gov.in](mailto:mvrtnam@barc.gov.in), & Surender Kumar Sharma, PPEMD BARC, Visakhapatnam, Email : [surender@barc.gov](mailto:surender@barc.gov).

You or your nominee may please be the DAE representative for selection of Research Fellow/ Research Associate for the project.

  
6.10.2020  
**Dr. Ashok Kumar Pandey**

Note:

1. Please quote the Sanction Number 59/14/08/2020-BRNS in all your correspondence with BRNS

बिल स Bill No: 34006

तिथि 26/08/2020

Countersigned for Rs. 1607000/- sixteen lakh seven thousand Rupees  
Only.

अनुमोदन

Approved

*Andy* 6.10.2020

कार्यक्रम अधिकारी

Programme Officer DIR

परमाणु ऊर्जा विभाग

DEPARTMENT OF ATOMIC ENERGY

नाभिकीय विज्ञान अनुसंधान मंडल

BOARD OF RESEARCH IN NUCLEAR SCIENCES

Application Number:4876

कृपया निम्नलिखित को सूचित करते हुए  
राशी का भुगतान इन्हे करे।

Please pay the amount to

A/C No: 133310011002739, A/C Name: AUCE (A) Consultancy Account,  
IFSC: ANDB0001333, Andhra Bank AU Engineering College Branch  
Sanketika Vidyadhini Bhavan, AU Engg. College.

Under intimation to

Dr. Ramanaiah Nallu, ,Professor, Department of Mechanical Engineering

Mobile Number:

द्योतन एवं लेखन अधिकारी, प.ऊ.वि,

Pay & Accounts Officer, DAE