



CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

Criteria 3

Research, Innovations and Extension

Metric 3.2.2	Grants for research projects sponsored by the government agencies during the last five years
3.2.2.1	Total Grants for research projects sponsored by the government agencies year wise during the last five years (INR in Lakhs)

Supporting Documents

1	E-copies of the grant award letters for research projects sponsored by government (Year : 2017-18)
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Faculty of Technology & Engineering

3.1.3-2017
-18



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

D K Dalal
Programme Officer (PFRC)

BRNS Secretariat, 1st Floor,
CC, BARC, Trombay,
Mumbai-400085 Phone:
+91-2225594683
Email: dkdalal@barc.gov.in

No: 39/14/07/2017-BRNS/34304

Date: 10/08/2017

OFFICE MEMORANDUM

Sub: R/P entitled "Design & Development of CDL for 42GHz/200kW/3sec Gyrotron for start-up studies in tokamak ADITYA" under Dr. Maulik Vallabhdas Shah, Assistant Professor, Charotar University of Science & Technology, Charusat Campus, Anand, Gujarat 388421. bearing sanction 39/14/07/2017-BRNS with PFRC, 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 1 year beginning from financial year 2017-2018 with a total grant of Rs. 14,65,650/- (Rupees fourteen lakh sixty five thousand six hundred fifty only) for the project as under :

Item of expenditure	Year 1 (2017-2018)
Equipments	125000
Staff Salary - SRF (1)	336000
Technical Assistance	600000
Consumables	50000
Travel - PI	100000
Travel - PC/DC	20000
Contingencies	50000
Overheads	92325
Total(INR)	1373325

Note: * HP Workstation

Date of Termination: 31/03/2018

SRF salary calculated @28,000/- 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. 92,325/-) 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. 13,73,325/- (Rupees thirteen lakh seventy three thousand three hundred twenty five only) towards grant for the year 2017-2018.
- The expenditure involved is debitable to: 04 3401 00 004 27 0231.
- This issues with the concurrence of Scientific Secretary, BRNS and IFA.

Pay & Accounts Officer, DAE, Mumbai - 400 001.

D K Dalal

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. Chief Executive Scientist, Charotar University of Science & Technology, Charusat Campus, Anand, Gujarat 388421.
4. Principal Investigator(PI): Dr. Maulik Vallabhdas Shah, Assistant Professor, Charotar University of Science & Technology, Charusat Campus, Anand, Gujarat 388421.

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: 30875081005, A/C Name: CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY, IFSC: SBIN0010961, State Bank of India, Changa.

- 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 PFRC:

- 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, 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 PFRC, BRNS Secretariat, First Floor, Central Complex, BARC, Trombay, Mumbai-400 085:
 - 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 (PFRC) : Dr. Ravi A. V. Kumar, ravi@ipr.res.in; Ph:+91-9825366039
 7. Co-Investigator (CI) : Mr. Axat Vijaybhai Patel, Assistant Professor, CHARUSAT Space Research and Technology Center, CHARUSAT University Changa, Gujarat 388421, Email : axatpatel.me@charusat.ac.in,
 8. Project Collaborator (PC): Dr. K. Sathyanarayana, IPR Bhat,Gandhinagar- 382428, Email : sathya@ipr.res.in,
 9. PC-2- Dr.Paritosh Chaudhari, Head, TBM Engineering Section, TBM Division, IPR Bhat, Gandhinagar - 382 428, Gujarat,Email : paritosh@ipr.res.

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

D K Dalal

Note:

1. Please quote the Sanction Number 39/14/07/2017-BRNS in all your correspondence with BRNS



3.1.3
2017-18

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

Shri D. K. Dalal
Programme Officer (PFRC)

BRNS Secretariat, 1st Floor, CC,
BARC, Trombay, Mumbai-400085
Phone: 25594683
E-mail: dkdalal@barc.gov.in
Date: 25/01/2018

No. 39/14/07/2017-BRNS/34533

OFFICE MEMORANDUM

Sub:R/P entitled "Design & Development of CDL for 42GHz/200kW/3sec Gyrotron for start-up studies in tokamak ADITYA" under Dr. Maulik Vallabhdas Shah, Assistant Professor, Charotar University of Science & Technology, Charusat Campus, Anand, Gujarat 388421. bearing sanction 39/14/07/2017-BRNS with PFRC, BRNS..

In continuation of this Department's Office Memorandum of number 39/14/07/2017-BRNS-34304 dated 10/08/2017, on the recommendations of Board of Research in Nuclear Sciences (BRNS), I am pleased to convey the administrative approval of the President of India to incur an **additional expenditure of Rs. 1,89,200/- (Rupees one lakh eighty nine thousand two hundred only)** towards equipment as detailed below:-

Item of expenditure	Amount
Equipment*	1,76,000
Overheads	13,200
Total	1,89,200

* (i) to offset cost increase due to GST

2. With this the total amount sanctioned under equipment for the year 2017-18 will be **₹3,01,000/- (Rupees three lakh one thousand only)**
3. The remaining overheads (₹13,200/-) shall be released only on meeting the requirements specified. (in annex B of terms & conditions)
4. The expenditure involved is debit to: 04 3401 00 004 27 02 31
5. This issues with the concurrence Scientific Secretary, BRNS and IFA.

Sd/-

(D. K. Dalal)

Pay & Accounts Officer, DAE, Mumbai 400001.

Copy 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. Chief Executive Scientist, Charotar University of Science & Technology, Charusat Campus, Anand, Gujarat 388421.
4. Principal Investigator (PI): Dr. Maulik Vallabhdas Shah, Assistant Professor, Charotar University of Science & Technology, Charusat Campus, Anand, Gujarat 388421.
5. AAO (Cheque), DAE, Anushakti Bhavan, CSM Marg, Mumbai-400 001
6. Member Secretary (PFRC) : Dr. Ravi A. V. Kumar, ravi@ipr.res.in; Ph:+91-9825366039
7. Co-Investigator (CI) : Mr. Axat Vijaybhai Patel, Assistant Professor, CHARUSAT Space Research and Technology Center, CHARUSAT University Changa, Gujarat 388421, Email : axatpatel.me@charusat.ac.in,
8. Project Collaborator (PC): Dr. K. Sathyanarayana, IPR Bhat, Gandhinagar- 382428, Email : sathya@ipr.res.in,
9. PC-2- Dr. Paritosh Chaudhari, Head, TBM Engineering Section, TBM Division, IPR Bhat, Gandhinagar - 382 428, Gujarat, Email : paritosh@ipr.res.

(D. K. Dalal)

Note:

1. Please quote the Sanction Number 39/14/07/2017-BRNS in all your correspondence with BRNS.