

Sl. No. 97



GOVERNMENT OF INDIA  
Ministry of Science & Technology  
Department of Science & Technology  
**NGP/GTD/Anindya/Uni.Budwan/WB/07/2022 (G)**  
**(National Geospatial Programme)**

Technology Bhawan, New Delhi

Dated: 07/12/2022

**Sanction Order**

**Subject:** Financial assistance for the project entitled “**Development of Low-cost GNSS RTK Base for Precise Geolocation and Handheld Precise Geolocation Enabled Multi-Sensor Rover System HGS**” submitted by **Dr. Anindya Bose, THE UNIVERSITY OF BURDWAN, GOLAPBAG, BARDHAMAN, WEST BENGAL, 713104** Release of the **First** installment regarding

Sanction of the President is hereby accorded to the approval to the above mention project at a total cost of **Rs. 2031497.00/- (Rupees Twenty Lakh Thirty One Thousand Four Hundred Ninty Seven only)** for a duration of **2 Years** . The detailed breakup of the grant for General as well as Capital Components are given below:-

General Component : ₹ 1347681.00/-

Capital Component : ₹ 683816.00/-

Items	Budget Summary (in Rs.)		
	Year-1	Year-2	Total
<b>1- Non-Recurring</b>			
Alberding NTRIP Software- Alberding Ntrip Caster permanent software licence - 1	239600	0	239600
Desktop-Dell - 1	72490	0	72490
ELT 40dB Base Antenna-L1 L2 GPS, G1 G2 GLONASS B1 B2 B3 BDS Galileo E1 E5b 40dB Antenna FOR RTK Base station. Full set with cable and stand - 1	15390	0	15390
Lattepanda Delta-Single Board Computers LattePanda Delta 432 - 2	35376	0	35376
NTL NTL HX-CSX608A Antenna- HX-CSX608A GNSS antenna - 1	36240	0	36240
NTL SPL-15 RF signal splitter- SPL15-XXXXX 1-TO-5 RF Splitter Kit - 1	36400	0	36400
NTL104 Multi GNSS module- NTL104 GNSS Positioning Kit with NTL Eva Kit - 1	204320	0	204320

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uBLOX ZED F9P Module-C099-F9P-0 GNSS application board kit - 1	44000	0	44000
<b>Subtotal (Capital)</b>	683816	0	683816
<b>2- Recurring</b>			
<b>Project Staff</b>	453600	453600	907200
Project Associate -II-1(Project Associate @35,000+ 8%HRA)	453600	453600	907200
<b>Consumables</b>	50000	50000	100000
<b>Contingency</b>	30000	30000	60000
<b>Travel</b>	50000	50000	100000
<b>Overhead</b>	102593	47888	150481
<b>Any Other (Miscellaneous)-Miscellaneous</b>	15000	15000	30000
<b>Subtotal (General)</b>	701193	646488	1347681
<b>Total Project Cost (Cap.+ Gen.)</b>	1385009	646488	2031497

2. The sanction of the President is also accorded to the release of **Rs. 701193/- (Rupees Seven Lakh One Thousand One Hundred Ninty Three only)** to the "Director/Registrar/Principal/Controller/Comptroller, THE UNIVERSITY OF BURDWAN" being the **First** installment of grant as mentioned above table under "General Component" for the above mentioned project.

3. The expenditure involved is debitable to **Demand No. 89**, Department of Science & Technology for the year **2022-23**:

3425	Other Scientific Research(Major Head)
3425.60	Others : (Sub-Major Head)
3425.60.200	Assistance to Other Scientific Bodies(Minor Head)
3425.60.200.70	Innovation,Technology Development and Deployment
3425.60.200.70.00	Detailed Head
3425.60.200.70.00.31	Grants-in-aid General
	(Previous: 3425.60.200.26.01.31)

4. The amount of **Rs. 701193/- (Rupees Seven Lakh One Thousand One Hundred Ninty Three only)** will be drawn by DDO, DST and disbursed to the "CNA account of Autonomous body SERB in respect of Innovation,Technology Development and Deployment Scheme".

Name of A/C Holder	Innovation Technology Development and Deployment
Bank A/C No	349902010051240
Name of the Bank & branch	Union Bank of India, Safdarjang Enclave - New Delhi
RTGS/IFSC code	UBIN0534994

5. The amount of **Rs. 701193/- (Rupees Seven Lakh One Thousand One Hundred Ninty Three only)** will be drawn by the "CNA account of Autonomous body SERB and will be disbursed to the Director/Registrar/Principal/Controller/Comptroller, THE



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**UNIVERSITY OF BURDWAN"** . The bank details for electronic transfer of funds through RTGS are given below:-

<b>Name of A/C Holder</b>	<b>THE UNIVERSITY OF BURDWAN</b>
<b>Bank A/C No</b>	<b>415402010999245</b>
<b>Name of the Bank &amp; branch</b>	<b>Union Bank of India</b>
<b>RTGS/IFSC code</b>	<b>UBIN0541541</b>

6. As per Rule 234 of GFR 2017, the sanction has been entered at S. No **27** . in the register of grants maintained in the **National Geospatial Programme** for the scheme **GEOSPATIAL TECHNOLOGY DEVELOPMENT** .

7. This issues with the concurrence of IFD vide their Concurrence Dy. No. **IFD/C/III/221122/31/01771 dated 22/11/2022**.

8. The GI will keep all the funds received in the Central Nodal Account only and shall not transfer the funds to any other account or not divert the same to Fixed Deposits/ Flexi-Account/ Multi-Option Deposit Account/ Corporate Liquid Term Deposit (CLTD) account etc. The funds released to GI shall not be parked in bank account of any other agency.

9. The GI will ensure the compliance of OM. No. F. No. **1/(18)/PFMS/FCD/2021 dated March 9, 2022** of Department of Expenditure, Ministry of Finance.

10. This sanction order is subject to the **Terms & Conditions** as annexured .

**Dr. Shubha Pandey**  
(Scientist - 'E')

**shubha.p@nic.in**

डॉ. शुभा पाण्डेय / Dr. Shubha Pandey  
वैज्ञानिक 'ई' / Scientist 'E'  
विज्ञान और प्रौद्योगिकी विभाग  
DEPTT. OF SCIENCE & TECHNOLOGY  
भारत सरकार / Govt. of India  
नई दिल्ली-110016 / New Delhi-110016

To,  
The Pay & Accounts Officer,  
Department of Science & Technology,  
New Delhi – 110 016.

Copy of information and necessary action to:

1. The Principal Director of Audit, Scientific Department, IIIrd floor, AGCR Building, I.P. Estate, New Delhi.
2. The Financial Advisor, Integrated Finance Division, Technology Bhavan, New Mehrauli Road, Block C, Qutab Institutional Area, New Delhi, Delhi 110016
3. The Internal Audit Wing, Department of Science & Technology, Technology Bhavan, New Mehrauli Road, Block C, Qutab Institutional Area, New Delhi, Delhi 110016
4. Drawing and Disbursing Officer, DST, Cash Section. (two copies)
5. Dr. Anindya Bose, Senior Scientific Officer, Physics, THE UNIVERSITY OF BURDWAN, Golapbag, Bardhaman, West Bengal - 713104
6. The Director/Registrar/Principal/Controller/Comptroller/Chief Executive Officer(CEO), THE UNIVERSITY OF BURDWAN, Golapbag, Bardhaman, West Bengal - 713104
7. Secretary, SERB, New Delhi ( for allocation of limits to implementing agency )
8. Head (National Geospatial Programme) DST
9. Sanction Folder (National Geospatial Programme)

**Dr. Shubha Pandey**  
वैज्ञानिक 'ई' / Scientist 'E'  
विज्ञान और प्रौद्योगिकी विभाग  
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(Scientist - 'E')  
shubha.p@nic.in

ANNEXURE

GOVERNMENT OF INDIA  
Ministry of Science & Technology  
Department of Science & Technology  
**NGP/GTD/Anindya/Uni.Budwan/WB/07/2022 (G)**  
**Terms & Conditions**

1. The grantee organization will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report (Vis-a-Vis Target Vs-Achievement) at the end of each financial year duly reflecting the interest earned / accrued on the grant received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.
2. The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final installment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.
3. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant.
4. The grant-in-aid being released is subject to the condition that:-
  - a) A transparent procurement procedure in line with Provisions of General Financial Rules 2017 will be followed by the Institute/Organization under the appropriate rules of grantee organization while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organization immediately on receipt of the grant.
  - b) While submitting Utilization Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard of the purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.
5. As per the GFR 2017 Rule 230 (8) the Grantee Institute should ensure that all the interests or other earnings against Grant-in-Aid or advances (other than reimbursement) released to any Grantee institution should be mandatorily remitted to the Consolidated Fund of India immediately after finalization of the accounts. Such advances will not be allowed to be adjusted against future releases.
6. As per the GFR 2017 Rule 230 (17) "the Grantee Institute should agree to make reservations for Scheduled Castes and Scheduled Tribes or OBC in the posts or services under its control on the lines indicated by the Government of India"
7. The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. For Grants released during F.Y. 2017-18 and onwards, all interests and other earnings against released Grant shall be remitted to Consolidated Fund of India (through Non-Tax Receipt Portal (NTRP), i.e. [www.bharatkosh.gov.in](http://www.bharatkosh.gov.in)), immediately after finalization of accounts, as it shall not be adjusted towards future release of Grant. A certificate to this effect shall have to be submitted along with Statement of Expenditure/ Utilization Certificate for considering subsequent release of Grant/ Closure of Project accounts.
8. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or

substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.

**9.** The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.

**10.** Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization in bold letters in all publication / media release as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.

**11.** Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.

**12.** It is mandatory to use EAT module in PFMS, failing which no further funds shall be released.

**13.** Goods (Consumable/Equipment) available in GeM portal are to be procured mandatorily online through GeM only as per the provisions of Rule 149 of GFR.

**14.** The Grantee Institute should follow Global Tendering Enquiry (GTE) conditions as per Department of Expenditure ID Note No:4/1/2021-PPD dated 10.09.2021.

**15.** If One time assistance or non-recurring grant as Grant-in-Aid for Rs. 10.00 lakhs to Rs. 50.00 lakhs, it should be included in the Annual Report of the Institute.

**16.** The Grantee Institute must ensure any other provisions of GFR-2017 and guidelines/amendments issued from Govt. of India from time to time.



संलग्नक

भारत सरकार  
विज्ञान और प्रौद्योगिकी मंत्रालय  
विज्ञान और प्रौद्योगिकी विभाग

NGP/GTD/Anindya/Uni.Budwan/WB/07/2022 (G)

निबंधन और शर्तें

1. अनुदानग्राही संस्थान प्रत्येक वित्त वर्ष के अंत में इस परियोजना के अंतर्गत प्राप्त अनुदान पर अर्जित/प्रोद्भूत ब्याज को विधिवत रूप से दर्शाते हुए अद्यतन प्रगति रिपोर्ट (लक्ष्य बनाम उपलब्धि) के साथ जीएफ़आर 2017 में विनिर्दिष्ट प्ररूप में वित्तीय वर्ष-वार उपयोग प्रमाण पत्र (यूसी) और व्यय का लेखापरीक्षित विवरण (एसई) विज्ञान और प्रौद्योगिकी विभाग को प्रस्तुत करेगा। यह परियोजना की समाप्ति की निर्धारित तारीख से एक वर्ष भीतर व्यय का अंतिम विवरण, उपयोग प्रमाण-पत्र और परियोजना समाप्ति रिपोर्ट प्रस्तुत करने की शर्त के भी अध्वधीन है।
2. अनुदानग्राही संस्थान को उपयोग प्रमाण-पत्र इस प्रभाग में भौतिक रूप में भेजने के साथ-साथ पीएफ़एमएस पोर्टल पर प्रविष्ट और अपलोड करना होगा। अनुवर्ती/अंतिम किस्त प्रभाग द्वारा यूसी की स्वीकृति की पुष्टि और पीएफ़एमएस में पूर्ववर्ती उपयोग प्रमाण-पत्र की प्रविष्टि के बाद ही जारी की जाएगी।
3. यदि अनुदान एक ही परियोजना के अंतर्गत उपस्कर (रों) की खरीद के लिए पृथक संस्वीकृति आदेश के माध्यम से पूंजी-शीर्ष के अंतर्गत जारी किया गया है तो जारी किया गया पूंजी-शीर्ष अनुदान के लिए पृथक एसई/यूसी प्रस्तुत करना होगा।
4. जारी किया जा रहा सहायता अनुदान निम्नलिखित शर्तों के अध्वधीन है-
  - क) उपर्युक्त परियोजना के लिए संस्वीकृत पूंजी आस्तियों की खरीद करते समय अनुदानग्राही संस्थान के उचित नियमों के तहत संस्थान/संगठन द्वारा सामान्य वित्तीय नियमावली 2017 के उपबंधों के अनुरूप पारदर्शी खरीद प्रक्रिया का अनुपालन किया जाए और अनुदान प्राप्ति पर तुरंत प्रभाव से अनुदानग्राही संगठन द्वारा इस आशय का प्रमाण-पत्र प्रस्तुत किया जाए।
  - ख) उपयोग प्रमाण-पत्र/ व्यय विवरण प्रस्तुत करते समय, संगठन को जीएफ़आर 2017 के उपबंधों के अनुसरण में उपस्कर/पूंजी आस्तियों की खरीद के संबंध में संबंधित दस्तावेज़-साक्ष्य प्रस्तुत करना सुनिश्चित करना होता है।
5. जीएफ़आर नियमावली 2017 के नियम 230 (8) के अनुसार अनुदानग्राही संस्थान को सुनिश्चित करना चाहिए कि किसी भी अनुदानग्राही संस्थान को जारी किए गए सहायता अनुदान या अग्रिम (प्रतिपूर्ति से भिन्न) पर प्राप्त समस्त प्रकार के ब्याज या अन्य आय को लेखों को अंतिम रूप दिए जाने के तुरंत बाद भारतीय समेकित निधि में अनिवार्य रूप से विप्रेषित किया जाए। ऐसे अग्रिमों को भविष्य में जारी की जाने वाली निधियों में समायोजित करने की अनुमति नहीं दी जाएगी।
6. जीएफ़आर नियमावली 2017 के नियम 230 (17) के अनुसार, “अनुदानग्राही संस्थान को भारत सरकार के निर्देशानुसार अपने नियंत्रणाधीन पदों या सेवाओं में अनुसूचित जाति या अनुसूचित जनजाति या ओबीसी के लिए आरक्षण रखने पर सहमत होना चाहिए।”
7. अनुदानग्राही संस्थान परियोजना का पृथक परीक्षित लेखा रखेगा और अनुदान की समस्त राशि

बैंक खाते में सब्याज रखी जाएगी। वित्तीय वर्ष 2017-18 के दौरान और उसके बाद जारी अनुदान के लिए, अनुदान के लिए सभी प्रकार के ब्याज या अन्य आय ऐसे लेखों को अंतिम रूप दिए जाने के तुरंत बाद भारतीय समेकित निधि में (गैर कर प्राप्ति पोर्टल (एनटीआरपी) अर्थात [www.bharatkosh.gov.in](http://www.bharatkosh.gov.in) के माध्यम से) विप्रेषित की जाएगी, क्योंकि यह राशि भविष्य में जारी की जाने वाली राशि में समायोजित नहीं की जाएगी। अनुवर्ती अनुदान के निर्गम/परियोजना खाते को बंद करने पर विचार किए जाने के लिए, व्यय विवरण/उपयोग प्रमाण-पत्र के साथ इस आशय का प्रमाण पत्र प्रस्तुत करना होगा।

8. डीएसटी, अनुदान से सृजित परिसंपत्तियों पर एकमात्र सुरक्षित अधिकार रखता है। सरकारी अनुदानों से पूरी तरह से या पर्याप्त रूप से अर्जित संपत्ति (जीएफआर 2017 में निर्धारित प्रक्रिया के अनुसार अप्रचलित और अनुप्रयोज्य, अनुपयोगी घोषित अनुदानों से इतर), का निपटारा डीएसटी का पूर्व अनुमोदन प्राप्त किए बिना नहीं किया जाएगा।

9. जैसा कि सामान्य वित्तीय नियमावली 2017 के नियम 236 (1) के तहत निर्धारित किया गया है, अनुदानग्राही संगठन का लेखा स्वीकृति प्रदाता प्राधिकारी और लेखा परीक्षक (भारत के नियंत्रक एवं महालेखापरीक्षक और डीएसटी के प्रधान लेखा कार्यालय दोनों द्वारा आंतरिक लेखा परीक्षा) द्वारा निरीक्षण किए जाने, जब भी संगठन को ऐसा करने के लिए कहा जाता है, हेतु अभिगम्य होगा।

10. इस परियोजना अनुदान से प्राप्त तकनीकी सहायता/वित्तीय सहायता की उचित पावती को अनुदानग्राही संगठन द्वारा सभी प्रकाशनों/मिडिया प्रकाशनी में मोटे अक्षरों में और परियोजना के पूरा होने के दौरान और तदुपरांत उनकी वार्षिक रिपोर्टों के शुरुआती पैराग्राफों में अनिवार्य रूप से दिखाया किया जाना चाहिए।

11. बॉन्ड के नियमों और शर्तों का पालन करने में असफल होने पर जीएफआर 2017 के नियम 231 (2) के अनुसार पूरी राशि सब्याज वापस करनी होगी।

12. पीएफएमएस में ईएटी मॉड्यूल का उपयोग करना अनिवार्य है, ऐसा न करने पर अन्य कोई भी आगामी निधि जारी नहीं की जाएगी।

13. जीएफआर के नियम 149 के उपबंधों के अनुसार जीईएम पोर्टल पर उपलब्ध वस्तुओं (उपभोज्य वस्तु/उपस्कर) का अनिवार्यतया आन लाइन प्रापण जैम (जीईएम) ही के माध्यम से किया जाना है।

14. अनुदान ग्राही संस्थान को व्यय विभाग के आईडी नोट संख्या: 4/1/2021-पीपीडी दिनांक 10.09.2021 के अनुसार वैश्विक निविदाकरण जांच-पड़ताल (जीटीई) नियमों का पालन करना चाहिए।

15. यदि एकबारगी सहायता या गैर-आवर्ती अनुदान 10.00 लाख रुपये से 50.00 लाख रुपये के सहायता अनुदान का हो तो इसे संस्थान की वार्षिक रिपोर्ट में दर्ज किया जाना चाहिए।

16. अनुदान ग्राही संस्थान को जीएफआर-2017 के किसी भी अन्य उपबंध और समय-समय पर भारत सरकार द्वारा जारी दिशा-निर्देश/संशोधन का अनुपालन सुनिश्चित करना चाहिए।

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**GFR 12 – A**

[(See Rule 238 (1))]

**FORM OF UTILIZATION CERTIFICATE  
FOR AUTONOMOUS BODIES OF THE GRANTEE ORGANIZATION**UTILIZATION CERTIFICATE FOR THE YEAR **2022-23** in respect of **non-recurring**  
GRANTS-IN-AID/SALARIES/CREATION OF CAPITAL ASSETS

- Name of the Scheme: Development of Low-cost, Compact GNSS Real Time Kinematic (RTK) Base Station for Precise Geolocation and Handheld Precise Geolocation Enabled Multi-Sensor Rover System (HGS) with wireless connectivity for Autonomous Data Collection
- Whether recurring or non-recurring grants: **Non-Recurring**
- Grants position at the beginning of the Financial year
  - Cash in Hand/Bank: Rs NIL
  - Unadjusted advances: Rs NIL
  - Total: Rs NIL/-
- Details of grants received, expenditure incurred and closing balances: (Actuals)

Unspent Balances of Grants received years [figure as at Sl. No. 3 (iii)]	Interest Earned thereon	Interest deposited back to the Government	Grant received during the year			Total Available funds (1+2-3+4)	Expenditure incurred	Closing Balances (5-6)
1	2	3	4			5	6	7
			Sanction No. (i)	Date (ii)	Amount (iii)			
NIL	NIL	NIL	NGP/GTD/Anindya/Uni.Budwan/WB/07/2022 (C)	07/12/22	Rs 6,83,816	Rs 8,68,602	NIL	Rs 8,68,602
			NGP/GTD/Anindya/Uni.Budwan/WB/07/2022 (C)	23/02/23	Rs 1,84,786			

Componentwise utilization of grants:

Grant-in-aid—General	Grant-in-aid—Salary	Grant-in-aid—creation of capital assets	Total
N/A			

Details of grants position at the end of the year

- Cash in Hand/Bank: Rs 8,68,602
- Unadjusted Advances: Rs NIL
- Total: Rs 8,68,602





Certified that I have satisfied myself that the conditions on which grants were sanctioned have been duly fulfilled/are being fulfilled and that I have exercised following checks to see that the money has been actually utilized for the purpose for which it was sanctioned:

- (i) The main accounts and other subsidiary accounts and registers (including assets registers) are maintained as prescribed in the relevant Act/Rules/Standing instructions (mention the Act/Rules) and have been duly audited by designated auditors. The figures depicted above tally with the audited figures mentioned in financial statements/accounts.
- (ii) There exist internal controls for safeguarding public funds/assets, watching outcomes and achievements of physical targets against the financial inputs, ensuring quality in asset creation etc. & the periodic evaluation of internal controls is exercised to ensure their effectiveness.
- (iii) To the best of our knowledge and belief, no transactions have been entered that are in violation of relevant Act/Rules/standing instructions and scheme guidelines.
- (iv) The responsibilities among the key functionaries for execution of the scheme have been assigned in clear terms and are not general in nature.
- (v) The benefits were extended to the intended beneficiaries and only such areas/districts were covered where the scheme was intended to operate.
- (vi) The expenditure on various components of the scheme was in the proportions authorized as per the scheme guidelines and terms and conditions of the grants-in-aid.
- (vii) It has been ensured that the physical and financial performance under Development of Low-cost, Compact GNSS Real Time Kinematic (RTK) Base Station for Precise Geolocation and Handheld Precise Geolocation Enabled Multi-Sensor Rover System (HGS) with wireless connectivity for Autonomous Data Collection has been according to the requirements, as prescribed in the guidelines issued by Govt. of India and the performance/targets achieved statement for the year to which the utilization of the fund resulted in outcomes given at Annexure-I duly enclosed.
- (viii) The utilization of the fund resulted in outcomes given at Annexure - II duly enclosed (to be formulated by the Ministry/Department concerned as per their requirements/specifications.)
- (ix) Details of various schemes executed by the agency through grants-in-aid received from the same Ministry or from other Ministries is enclosed at Annexure -II (to be formulated by the Ministry/Department concerned as per their requirements/specifications).

Date: 07.05.24

Place: Burdwan

*Anindya Bose*

Signature

Name: Anindya Bose

Principal Investigator

**PRINCIPAL INVESTIGATOR  
DST-NGP PROJECT  
(NGP/GTD/ANINDYA/UNI.  
BURDWAN/WB/07/2022)**

*S. Sougata Chakrabarti*  
07/05/24

Signature

Name: Dr Sougata Chakrabarti

Chief Finance Officer

(Head of the Finance)

**CHIEF FINANCE OFFICER  
THE UNIVERSITY OF BURDWAN  
BURDWAN WEST BENGAL**

*Dr Sujit Kumar Chowdhury*  
07/05/24

Signature

Name: Dr Sujit Kumar Chowdhury

Head of the Organisation

**REGISTRAR  
THE UNIVERSITY OF BURDWAN  
BURDWAN - 713104**



## GFR 12 – A

[(See Rule 238 (1))]

### FORM OF UTILIZATION CERTIFICATE FOR AUTONOMOUS BODIES OF THE GRANTEE ORGANIZATION

UTILIZATION CERTIFICATE FOR THE YEAR **2022-23** in respect of **recurring**  
GRANTS-IN-AID/SALARIES/CREATION OF CAPITAL ASSETS

1. Name of the Scheme: Development of Low-cost, Compact GNSS Real Time Kinematic (RTK) Base Station for Precise Geolocation and Handheld Precise Geolocation Enabled Multi-Sensor Rover System (HGS) with wireless connectivity for Autonomous Data Collection

Ref No: NGP/GTD/Anindya/Uni.Budwan/WB/07/2022 (C)

2. Whether recurring or non-recurring grants: **Recurring**
3. Grants position at the beginning of the Financial year
- (i) Cash in Hand/Bank: Rs NIL
- (ii) Unadjusted advances: Rs NIL
- (iii) Total: Rs NIL
4. Details of grants received, expenditure incurred and closing balances: (Actuals)

Unspent Balances of Grants received years [figure as at Sl. No. 3 (iii)]	Interest Earned thereon	Interest deposited back to the Government	Grant received during the year			Total Available funds (1+2-3+4)	Expenditure incurred	Closing Balances (5-6)
1	2	3	4			5	6	7
			Sanction No. (i)	Date (ii)	Amount (iii)			
NIL	NIL	NIL	NGP/GTD/Anindya/Uni.Budwan/WB/07/2022 (G)	07/12/22	Rs 7,01,193	Rs 7,01,193	Rs 3,954	Rs 6,97,239

Componentwise utilization of grants:

Grant-in-aid–General	Grant-in-aid–Salary	Grant-in-aid–creation of capital assets	Total
Misc Charges	Nil	N/A	Rs 3,954

Details of grants position at the end of the year

- (i) Cash in Hand/Bank: Rs 6,97,239
- (ii) Unadjusted Advances: Rs NIL
- (iii) Total: Rs 6,97,239



**GENERAL FINANCIAL RULES 2017**  
**Ministry of Finance**  
**Department of Expenditure**



Certified that I have satisfied myself that the conditions on which grants were sanctioned have been duly fulfilled/are being fulfilled and that I have exercised following checks to see that the money has been actually utilized for the purpose for which it was sanctioned:

- (i) The main accounts and other subsidiary accounts and registers (including assets registers) are maintained as prescribed in the relevant Act/Rules/Standing instructions (mention the Act/Rules) and have been duly audited by designated auditors. The figures depicted above tally with the audited figures mentioned in financial statements/accounts.
- (ii) There exist internal controls for safeguarding public funds/assets, watching outcomes and achievements of physical targets against the financial inputs, ensuring quality in asset creation etc. & the periodic evaluation of internal controls is exercised to ensure their effectiveness.
- (iii) To the best of our knowledge and belief, no transactions have been entered that are in violation of relevant Act/Rules/standing instructions and scheme guidelines.
- (iv) The responsibilities among the key functionaries for execution of the scheme have been assigned in clear terms and are not general in nature.
- (v) The benefits were extended to the intended beneficiaries and only such areas/districts were covered where the scheme was intended to operate.
- (vi) The expenditure on various components of the scheme was in the proportions authorized as per the scheme guidelines and terms and conditions of the grants-in-aid.
- (vii) It has been ensured that the physical and financial performance under Development of Low-cost, Compact GNSS Real Time Kinematic (RTK) Base Station for Precise Geolocation and Handheld Precise Geolocation Enabled Multi-Sensor Rover System (HGS) with wireless connectivity for Autonomous Data Collection has been according to the requirements, as prescribed in the guidelines issued by Govt. of India and the performance/targets achieved statement for the year to which the utilization of the fund resulted in outcomes given at Annexure-I duly enclosed.
- (viii) The utilization of the fund resulted in outcomes given at Annexure - II duly enclosed (to be formulated by the Ministry/Department concerned as per their requirements/specifications.)
- (ix) Details of various schemes executed by the agency through grants-in-aid received from the same Ministry or from other Ministries is enclosed at Annexure-II (to be formulated by the Ministry/Department concerned as per their requirements/specifications).

Date:

Place: Burdwan

*Anindya Bose*  
Signature

Name: Anindya Bose  
Principal Investigator

**PRINCIPAL INVESTIGATOR  
DST-NGP PROJECT  
(NGP/GTD/ANINDYA/UNI.  
BURDWAN/WB/07/2022)**

*S. Chakrabarti*  
07/05/24

Signature

Name: Dr Sougata Chakrabarti

Chief Finance Officer

(Head of the Finance)

**FINANCE OFFICER  
THE UNIVERSITY OF BURDWAN  
BURDWAN WEST BENGAL**

Signature

Name: Dr Sujit Kumar Chowdhury  
Head of the Organisation

**REGISTRAR  
THE UNIVERSITY OF BURDWAN  
BURDWAN - 713104**



## GFR 12 – A

[(See Rule 238 (1))]

### FORM OF UTILIZATION CERTIFICATE FOR AUTONOMOUS BODIES OF THE GRANTEE ORGANIZATION

UTILIZATION CERTIFICATE FOR THE YEAR **2023-24** in respect of **recurring**  
GRANTS-IN-AID/SALARIES/CREATION OF CAPITAL ASSETS

1. Name of the Scheme: Development of Low-cost, Compact GNSS Real Time Kinematic (RTK) Base Station for Precise Geolocation and Handheld Precise Geolocation Enabled Multi-Sensor Rover System (HGS) with wireless connectivity for Autonomous Data Collection

Ref No: NGP/GTD/Anindya/Uni.Budwan/WB/07/2022 (C)

2. Whether recurring or non-recurring grants: **Recurring**
3. Grants position at the beginning of the Financial year
- (i) Cash in Hand/Bank: Rs 6,97,239/-
- (ii) Unadjusted advances: Rs 0
- (iii) Total: Rs 6,97,239/-
4. Details of grants received, expenditure incurred and closing balances: (Actuals)

Unspent Balances of Grants received years [figure as at Sl. No. 3 (iii)]	Interest Earned thereon	Interest deposited back to the Government	Grant received during the year			Total Available funds (1+2-3+4)	Expenditure incurred	Closing Balances (5-6)
1	2	3	4			5	6	7
			Sanction No. (i)	Date (ii)	Amount (iii)			
RS 6,97,239/-	NIL	NIL	N/A	N/A	NIL	Rs 6,97,239/-	Rs 4,38,586/-	Rs 2,58,653/-

Componentwise utilization of grants:

Grant-in-aid– General	Grant-in-aid– Salary	Grant-in-aid–creation of capital assets	Total (Rs)
	Salary to Project Asso I 1,95,097		1,95,097
Consumables- Rs 49,961 Contingency- Rs 29,999 Travel – Rs 49,890 Other Costs – RS 11,046 Overhead- Rs 1,02,593		N/A	2,43,489/-

Details of grants position at the end of the year

- (i) Cash in Hand/Bank: Rs 2,58,653/-
- (ii) Unadjusted Advances: Rs nil
- (iii) Total: Rs 2,58,653/-



# GENERAL FINANCIAL RULES 2017

Ministry of Finance  
Department of Expenditure



Certified that I have satisfied myself that the conditions on which grants were sanctioned have been duly fulfilled/are being fulfilled and that I have exercised following checks to see that the money has been actually utilized for the purpose for which it was sanctioned:

- (i) The main accounts and other subsidiary accounts and registers (including assets registers) are maintained as prescribed in the relevant Act/Rules/Standing instructions (mention the Act/Rules) and have been duly audited by designated auditors. The figures depicted above tally with the audited figures mentioned in financial statements/accounts.
- (ii) There exist internal controls for safeguarding public funds/assets, watching outcomes and achievements of physical targets against the financial inputs, ensuring quality in asset creation etc. & the periodic evaluation of internal controls is exercised to ensure their effectiveness.
- (iii) To the best of our knowledge and belief, no transactions have been entered that are in violation of relevant Act/Rules/standing instructions and scheme guidelines.
- (iv) The responsibilities among the key functionaries for execution of the scheme have been assigned in clear terms and are not general in nature.
- (v) The benefits were extended to the intended beneficiaries and only such areas/districts were covered where the scheme was intended to operate.
- (vi) The expenditure on various components of the scheme was in the proportions authorized as per the scheme guidelines and terms and conditions of the grants-in-aid.
- (vii) It has been ensured that the physical and financial performance under Development of Low-cost, Compact GNSS Real Time Kinematic (RTK) Base Station for Precise Geolocation and Handheld Precise Geolocation Enabled Multi-Sensor Rover System (HGS) with wireless connectivity for Autonomous Data Collection has been according to the requirements, as prescribed in the guidelines issued by Govt. of India and the performance/targets achieved statement for the year to which the utilization of the fund resulted in outcomes given at Annexure-I duly enclosed.
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- (ix) Details of various schemes executed by the agency through grants-in-aid received from the same Ministry or from other Ministries is enclosed at Annexure –II (to be formulated by the Ministry/Department concerned as per their requirements/specifications).

Date: 07.05.24

Place: Burdwan

Signature

Name: Anindya Bose

Principal Investigator

PRINCIPAL INVESTIGATOR  
DST-NGP PROJECT  
(NGP/GTD/ANINDYA/UNI.  
BURDWAN/WB/07/2022)

Signature

Name: Dr Sougata Chakraborti

Chief Finance Officer

FINANCE OFFICER  
THE UNIVERSITY OF BURDWAN  
BURDWAN WEST BENGAL

Signature

Name: Dr Sujit Kumar Chowdhury

Head of the Organisation

REGISTRAR  
THE UNIVERSITY OF BURDWAN  
BURDWAN - 713104

(Strike out inapplicable terms)



## GFR 12 – A

[(See Rule 238 (1))]

### FORM OF UTILIZATION CERTIFICATE FOR AUTONOMOUS BODIES OF THE GRANTEE ORGANIZATION

UTILIZATION CERTIFICATE FOR THE YEAR **2023-24** in respect of **non-recurring**  
GRANTS-IN-AID/SALARIES/CREATION OF CAPITAL ASSETS

1. Name of the Scheme: Development of Low-cost, Compact GNSS Real Time Kinematic (RTK) Base Station for Precise Geolocation and Handheld Precise Geolocation Enabled Multi-Sensor Rover System (HGS) with wireless connectivity for Autonomous Data Collection
2. Whether recurring or non-recurring grants: **Non-Recurring**
3. Grants position at the beginning of the Financial year
  - (i) Cash in Hand/Bank: Rs 8,68,602/-
  - (ii) Unadjusted advances: Rs 0
  - (iii) Total: Rs 8,68,602/-
4. Details of grants received, expenditure incurred and closing balances: (Actuals)

Unspent Balances of Grants received years [figure as at Sl. No. 3 (iii)]	Interest Earned thereon	Interest deposited back to the Government	Grant received during the year			Total Available funds (1+2-3+4)	Expenditure incurred	Closing Balances (5-6)
1	2	3	4			5	6	7
			Sanction No. (i)	Date (ii)	Amount (iii)			
8,68,602	NIL	NIL	NIL	N/A	NIL	Rs 8,68,602	Rs 8,67,463/-	Rs 1,139/-

Componentwise utilization of grants:

Grant-in-aid–General	Grant-in-aid–Salary	Grant-in-aid–creation of capital assets	Total
N/A	N/A	Alberding NTRIP SW, Desktop (DELL), ELT 40dB Base Antenna, Lattepanda DELTA SBC, NTL HX-CSX Antenna, NTL SPL-15 Splitter Kit, NTL 104 Eva Kit, UbLox ZED F9P Module	Rs 8,67,463

Details of grants position at the end of the year

- (i) Cash in Hand/Bank: Rs 1,139/-
- (ii) Unadjusted Advances: Rs NIL
- (iii) Total: Rs 1,139/-





Certified that I have satisfied myself that the conditions on which grants were sanctioned have been duly fulfilled/are being fulfilled and that I have exercised following checks to see that the money has been actually utilized for the purpose for which it was sanctioned:

- (i) The main accounts and other subsidiary accounts and registers (including assets registers) are maintained as prescribed in the relevant Act/Rules/Standing instructions (mention the Act/Rules) and have been duly audited by designated auditors. The figures depicted above tally with the audited figures mentioned in financial statements/accounts.
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- (iii) To the best of our knowledge and belief, no transactions have been entered that are in violation of relevant Act/Rules/standing instructions and scheme guidelines.
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- (v) The benefits were extended to the intended beneficiaries and only such areas/districts were covered where the scheme was intended to operate.
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- (ix) Details of various schemes executed by the agency through grants-in-aid received from the same Ministry or from other Ministries is enclosed at Annexure –II (to be formulated by the Ministry/Department concerned as per their requirements/specifications).

Date: 07/05/24

Place: Burdwan

*Anindya Bose*  
Signature

Name: Anindya Bose  
Principal Investigator

**PRINCIPAL INVESTIGATOR  
DST-NGP PROJECT  
(NGP/GTD/ANINDYA/UNI.  
BURDWAN/WB/07/2022)**

*S. Chakraborty*  
Signature 07/05/24

Name: Dr Sougata Chakraborty  
Chief Finance Officer

(Head of the Finance)

**FINANCE OFFICER  
THE UNIVERSITY OF BURDWAN  
BURDWAN WEST BENGAL**

Signature

*Dr Sujit Kumar Chowdhury*

Name: Dr Sujit Kumar Chowdhury  
Head of the Organisation

**REGISTRAR  
THE UNIVERSITY OF BURDWAN  
BURDWAN - 713104**

(Strike out inapplicable terms)