



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान बरहमपुर
Indian Institute of Science Education and Research Berhampur
Established by the Ministry of Education, Govt. of India

PROPRIETARY ARTICLE NOTICE

No. IISERBpr/S&P/2026-27/PAC/01

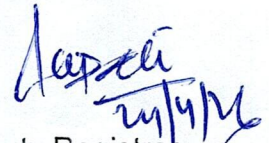
Dt. April 24, 2026

Indian Institute of Science Education and Research Berhampur is an autonomous Institute established under Ministry of Education, Government of India. The Institute would like to procure MRI/MRS Phantom on proprietary basis.

2. The following documents are hereby uploaded for open information to submit objections, comments if any from any manufacturer regarding proprietary nature of the equipment / item: -

- i) Proprietary Certificate by the firm
- ii) Detailed specifications

3. Objections if any are to be submitted through e-mail to purchase@iiserbpr.ac.in within 07 days from the date of publishing this notice, failing which it will be presumed that no vendor is having any comments to offer and the case will be processed on merits.


Deputy Registrar
(Stores & Purchase Officer)



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Indian Institute of Science Education and Research Berhampur
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Form: S&P 10

Proprietary Article Certificate
(Valid for Current Financial Year)

Name of Indenter: Dr. Vivek Tiwari Department: Biological Sciences
Indent Number: IISERBPR/25-26/BIO/B0082/247 Date: 17/04/2026

1. Description of article: Phantom for MR Spectroscopy
2. Forecast of quantity / annual requirement: 2
3. Approximate estimated value for above quantity: 7.39 Lakhs
4. Makers name and address: Gold Standard Phantoms Limited, 1a Parkway Rise, Sheffield, South Yorkshire, S9 4WQ, UNITED KINGDOM
5. Name of authorised dealer / stockist: Gold Standard Phantoms (Self)
6. I approve the above purchase on PAC basis and certify that: -
(Please tick (✓) the appropriate box, whichever is applicable and cross (X) others. Please do confirm Sl. (a) without which PAC certificate will be invalid.)

a)	This is the only firm who is manufacturing / stocking this item And	☒
b)	A similar article is not manufactured / sold by any other firm, which could be used in lieu OR	☐
c)	No other make / brand will be suitable for following tangible reasons (like OEM/ Warranty spares) OR	☐
d)	No other make / brand will be suitable for following intangible reasons (if PAC was also given in the last procurement cycle, please also bring out efforts made since then to locate more sources)	☐

7. Reference of concurrence of Finance wing to the proposal: _____

History of PAC purchase of this item for past three years may be given below			
Name of the supplier	Gold Standard Phantoms		
Order / Tender Reference & Date	Quantity ordered	Basic rate on order	Adverse performance if any
STR-2/25/SPECTROSCOPY 1 REFERENCE/PSY/2025-26/87 Procured by NIMHANS, Bangalore			

Signature of indenter: Vivek Tiwari
Date: 20/04/2026

Approving authority: Prof. Ashok Kumar Ganguli
Date: 23/4/26
Designation: निदेशक/Director

भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान बरहमपुर
Indian Institute of Science Education and Research Berhampur





QUOTE

IISER Berhampur
Attention: Dr. Vivek Tiwari

IISER Berhampur
Laudigam, Ganjam
Odisha
760003
INDIA

Date
11 Feb 2026

Expiry
13 Mar 2026

Quote Number
QU-0527-1

Reference
GSP5468704

Gold Standard Phantoms
Limited
1a Parkway Rise
Sheffield
South Yorkshire
S9 4WQ
UNITED KINGDOM
VAT No. GB211807049

Item	Description	Quantity	Unit Price	Discount	VAT	Amount GBP
3004C	SPECTroscopy REference for Oncology (SPECTRE Onco) MRS reference phantom in a 11cm HDPE sphere Contains standard set of metabolites at pH 7.4, including 5mM 2-Hydroxygluturate. Comes with a stand and supplied in a protective foam lined box.	1.00	5,250.00	25.00%	Zero Rated Goods	3,937.50
H&P	Handling and Fulfillment	1.00	50.00		Zero Rated	50.00
SHP	Shipping and Insurance	1.00	200.00		Zero Rated	200.00
Subtotal (includes a discount of 1,312.50)						4,187.50
TOTAL ZERO RATED GOODS						0.00
TOTAL ZERO RATED						0.00
TOTAL GBP						4,187.50

Terms

Incoterms: DAP (Delivery At Place)

Our preferred method of payment is by bank transfer. If you wish to pay by credit or debit card via Stripe, please contact our Sales team as a 4% credit card processing fee will have to be applied to the total of the order. We do not accept cheques.

Bank: National Westminster Bank
Account Name: Gold Standard Phantoms
Sort Code: 60-24-77 / Account Number: 28225538
IBAN: GB67NWBK60247728225538 / BIC-SWIFT: NWBKGB2L



QUOTE

IISER Berhampur
Attention: Dr. Vivek Tiwari
IISER Berhampur
Laudigam, Ganjam
Odisha
760003
INDIA

Date
11 Feb 2026

Expiry
13 Mar 2026

Quote Number
QU-0527-2

Reference
GSP5468704

Gold Standard Phantoms
Limited
1a Parkway Rise
Sheffield
South Yorkshire
S9 4WQ
UNITED KINGDOM
VAT No. GB211807049

Item	Description	Quantity	Unit Price	Discount	VAT	Amount GBP
3004J	SPECTroscopy Reference Jr (SPECTRE Jr) MRS reference phantom in a 11cm HDPE sphere Contains standard set of metabolites at pH 7.4 Comes with a stand and supplied in a protective foam lined box.	1.00	3,255.00	25.00%	Zero Rated	2,441.25
H&P	Handling and Fulfillment	1.00	50.00		Zero Rated	50.00
SHP	Shipping and Insurance	1.00	200.00		Zero Rated	200.00
Subtotal (includes a discount of 813.75)						2,691.25
TOTAL ZERO RATED						0.00
TOTAL GBP						2,691.25

Terms

Incoterms: DAP (Delivery At Place)

Our preferred method of payment is by bank transfer. If you wish to pay by credit or debit card via Stripe, please contact our Sales team as a 4% credit card processing fee will have to be applied to the total of the order. We do not accept cheques.

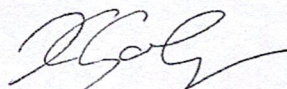
Bank: National Westminster Bank
Account Name: Gold Standard Phantoms
Sort Code: 60-24-77 / Account Number: 28225538
IBAN: GB67NWBK60247728225538 / BIC-SWIFT: NWBKGB2L

STATEMENT OF UNIQUENESS - PROPRIETARY ARTICLE CERTIFICATE (PAC) ✓

Gold Standard Phantoms (GSP) is a dynamic spinout company from the renowned University College London's Institute of Neurology and for almost a decade is at the vanguard of clinical quantitative medical imaging through its unique suite of calibration services and products. Each offering is distinctively positioned within the market, highlighting GSP's commitment to innovation and precision in healthcare technology.

1. **QASPER (Quantitative Arterial Spin Labelling Perfusion Reference):** This product stands out as a pioneering solution in the field of perfusion imaging, providing a standard for arterial spin labeling (ASL) MRI techniques. QASPER's unique status stems from its ability to offer consistent and reliable calibration for ASL MRI scans, ensuring accuracy and reproducibility in cerebral blood flow measurements. This phantom, protected by an international patent (PCT/EP2017/054,254), cannot be bought by anyone else in the market.
2. **The MultiSample Phantom series with accompanying NIST-calibrated vials:** Designed for magnetic resonance imaging (MRI) Quality Assurance (QA), the phantoms from the MultiSample Phantom series are a market leader in facilitating multi-parametric calibration. Their innovative design, including an array of vessels that can be filled with NIST-calibrated materials for absolute reference. The use of a phase-change material at temperatures close to the body is a patent-protected technology (PCT/GB2019/050837) ensuring that medical professionals can achieve accurate and standardized imaging results, essential for effective diagnosis and treatment planning.
3. **Functional Magnetic Resonance Imaging (fMRI) Products:** GSP's fMRI solutions are tailored to enhance the calibration and standardization of fMRI scans. They comprise both FUNSTAR phantoms as well as a recently-launched online system for automatic Quality Assurance named VERIFLUX. Following the strict guidelines set out by the fBIRN consortium 20 years ago, as well as the more recent QIBA fMRI guidelines, these products are uniquely positioned to improve the reliability of fMRI data, crucial for mapping brain activity in research and clinical settings. Here again, no other company exist that provides these services.
4. **The SPECTRE (Spectroscopy Reference) Phantom series:** Phantoms from the SPECTRE Phantom series (including SPECTRE, SPECTRE Onco, SPECTRE Pico, and SPECTRE-X) set themselves apart as specialized calibration phantoms for Magnetic Resonance Spectroscopy (MRS). They provide a standard reference for the calibration of MRS, either for ^1H MRS (SPECTRE, SPECTRE Onco, SPECTRE, Pico), or other nuclei (^{31}P , ^{13}C , ^{23}Na , ^2D — SPECTRE-X), ensuring the accuracy of biochemical analysis in tissues. No equivalent phantom can be found anywhere in the market.
5. **SPIRIT Phantom:** The SPIRIT Phantom has been developed as an all-in-one Quality Assurance device, and includes NIST-certified vials for both Diffusion MRI and Relaxometry. Uniquely, it also contains several resolution grids, a slice thickness estimation feature, as well as an array of 52 fiducial markers to assess gradient non-linearities. This particular combination was developed by GSP and cannot be found anywhere else in the market.

Through these products, GSP demonstrates a unique commitment to advancing the accuracy, reliability, and standardization of medical imaging across various MRI modalities. By addressing specific challenges in the calibration of medical imaging equipment, GSP's solutions hold a distinctive place in the market, underscoring the company's role as a leader in healthcare innovation.



Prof Xavier Golay, Ph.D.
CEO





Report ID: GEM/GARPTS/19022026/YV2KSBT4GRFM

Report Name: Dr. Vivek Tiwari

Generated By: Jeetendra Mahapatra , Department of Higher Education , Ministry of Education

Generated On: 19/02/2026

Valid till: 21/03/2026

GeM Availability Report and Past Transaction Summary

GeM Availability Report and past transaction summary report is generated based on the specifications searched by the Buyer. The specification may be modified appropriately for searching relevant categories on GeM. Buyer may navigate to GeM category page by clicking on the category link to view category specifications and products/services available in the category.

Order Count and Order Value displayed is on a cumulative basis since GeM inception.

1. Search String: RI/MRS Phantom

Search type: Product

1. There are categories available on GeM matching your requirements (as listed here). You can create a bid on GeM with a product closest matching your required specifications and add additional parameters in specifications through Corrigendum using RMS functionality.
2. If you feel that category TP needs updating you can submit category updating request also through RMS.
3. If you do not want to use any of the above option and want to proceed for procurement outside GeM, please suggest the specifications of the required product for creation of new category on GeM for future procurement.

Search Result: Category available/suggested on GeM but marked as "not matching requirements" by the buyer with undertaking as under:

It is certified that I have thoroughly checked all probable categories suggested by GeM and I am satisfied that the product required is not covered / does not fall in any of the suggested categories and can not be procured under any of these categories even after inclusion of List of Values(LOV) wherever possible in category specifications of suggested categories. It is also certified that the technical specification requirement are such that these can not be covered even by adding specification parameters using ATC in any of the GeM suggested categories. This is a one-time requirement hence new category creation is not proposed / or requirement is recurring but request for new category creation will be submitted separately post generation of GeMARPTS.

Estimated Value Of Procurement: ₹ 738985.5

Category Name	Catalog Count	Order Count			Order Value (in Lakhs)		
		Direct Purchase	Reverse Auction	Bid	Direct Purchase	Reverse Auction	Bid
Agar Media	83	171	0	2	41	0	0
Networking / Server Rack	3,506	10,347	451	1,377	1,938	814	1,202
Broth Media	0	0	0	0	0	0	0
Bullet Proof Helmet (Patka)	107	464	4	24	491	31	86
Rice Warmer (V2)	305	916	5	22	254	1	50
Consumables for PVC Card Printer	0	0	0	0	0	0	0
Shoe Shining Machine	216	1,290	2	21	381	1	10

Category Name	Catalog Count	Order Count			Order Value (in Lakhs)		
		Direct Purchase	Reverse Auction	Bid	Direct Purchase	Reverse Auction	Bid
Ink Ribbons for Dot Matrix Printer	0	0	0	0	0	0	0
E-rickshaw for Passengers	125	118	13	27	274	21	1,026
Tricycle or Rickshaw for Carrying Goods (V2)	161	0	38	853	0	653	1,959