

**Government of India**  
**Bhabha Atomic Research Centre**  
**Beam Technology Development Group**

Ref: BTDG/ATLA-FWORKS/AP/MF/2022/ 305/40572

Mumbai – 400 085.

18/05/2022

To,

To whom it may concern

1. Sub:

**Invitation of Quotations**

**DUE DATE:** 25 May 2022

Dear Sirs,

Quotations are invited for the fabrication job as per the enclosed job details.

1. The quotations must reach. **Head IPDS, ATLA-F, BTDG** by 25 May, 2022 and must be sent by speed post, with the above reference number, subject and due date given above.

**(Attn.Smt. Anupama P.)**

To,  
Head, IPDS,  
Beam Technology Development Group  
BARC, Trombay, Mumbai – 400 085.

2. The bidder may contact on Telephone Nos. +91-22-25594912 or by email at anuvivek@barc.gov.in for any clarifications in the enquiry.

Director, Beam Technology Development Group BARC reserves the right to accept or reject any or all quotations without assigning any reason.

Yours faithfully,

  
Head, IPDS

Encl: One (Job details)  
C.C.: AAO, (WORKS) CC, BARC

### Technical specifications for Synthesis and supply of Laser dyes - 1 lot

The requirement is for supply of Laser dyes as specified in below

#### **Dyes**

S. No.	Laser dye Specification	Quantity required	Purity required
1.	Rhodamine 640 perchlorate	4.5 g	99% or better
2.	Laser dye Pyrromethene 567	4.5 g	99% or better

#### **Detailed Specifications**

S. No.		Item No. 1	Item No. 2
	Specification	Value	Value
1.	Name of Laser dye	(Rh 640) Rhodamine 640 perchlorate	(BODIPY) Pyrromethene 567
2.	Molecular weight (g. mole)	591.06	318.22
3.	Chemical Formula	C <sub>32</sub> H <sub>31</sub> N <sub>2</sub> O <sub>7</sub> Cl	C <sub>18</sub> H <sub>25</sub> BF <sub>2</sub> N <sub>2</sub>
4.	Appearance	Green, crystalline solid	Orange/ red, crystalline solid
5.	Melting point	-	207 – 208 <sup>0</sup> C
6.	Absorption maximum	576 nm (acidic ethanol)	518 nm (ethanol)
7.	Fluorescence maximum	621 nm (in methanol medium, pump beam 532nm, Nd:YAG, 2 <sup>nd</sup> harmonic)	547 nm (ethanol)
8.	CAS registry number	64339-18-0	131083-16-4
9.	Molar absorptivity	9.5 x 10 <sup>4</sup> L/mol/cm	7.73 x10 <sup>4</sup> L/mol/cm
<b>Acceptance criteria</b>			
10.	Extinction coefficient from certified lab	9.5 x10 <sup>4</sup> ± 5% L/mol- cm at 576 nm in ethanol medium	7.73 x10 <sup>4</sup> ± 5% L/mole-cm at 518 nm in ethanol medium
11.	Individual HPLC report from certified lab	Purity ~ 99% or better	Purity ~ 99% or better

#### **1. General specifications, terms and conditions**

- Quotation details:** The quotation should be in the printed letter head /quotation format which should consist of the PAN No., GST No. of the firm. Quotation shall be signed by proprietor or authorized person and affix company seal. Computer generated/scanned and printed quotation will not be accepted. Failing to mention the details in their quotation will become liable to be rejected. All taxes, other charges should be mentioned clearly.
- GSTIN of BARC related details:** Suppliers please note that BARC is the final consumer of the goods/services procured and does not intends to make any outward supply. BARC will not avail the benefits of Input Tax Credit and hence, the goods can be supplied without quoting the GSTIN of BARC, Mumbai on the invoice. The invoices taxed under GST, as per rates applicable under the GST Schedule of Rates, shall be admitted for payment. An undertaking shall be submitted by the supplier that the GST has been promptly deposited



with the authorities (Annexure II). GST shall be paid only in the case of supplier clearly indicating their GSTN on the invoice.

- c. **Test certificates:** Manufacturer's test certificates confirming the above specifications in the LOT from which the dyes are being given is required to be furnished as per acceptance criteria before the items are dispatched to BARC, Mumbai, India.
- d. The purchaser reserves the right to inspect any material or equipment furnished or used by Supplier under the contract and to reject any, which is found defective in workmanship, design, or otherwise unsuitable for the purpose intended.
- e. Components found unsatisfactory as to workmanship or material shall be removed by fabricator and replaced by components, which are satisfactory. In the events of Purchaser's inspection revealing poor quality of goods, Purchaser shall be at liberty to specify additional procedures if required to ascertain supplier's compliance with the component specifications.
- f. Even though Purchaser or his representative carries out inspection, such inspection shall not however relieve Supplier from his responsibilities for furnishing the components conforming to the requirement of the contract. The Supplier shall maintain proper inspection records and make it available to Purchaser's representative whenever required. The fabricator shall submit three copies of inspection report to the purchaser for approval.
- g. **Free issue material:** There is no free issue of material. All material required for the job is to be supplied by the bidder.
- h. **Dispatch:** The material shall not be dispatched prior to approval by our engineer at bidder's works.
- i. **Packing and shipment:** All components shall be packed properly to avoid damage during shipment.
- j. **Delivery schedule:** Supplier shall deliver the completed components/equipment in **2 months** from the date of release of order. MATERIAL SHOULD BE DELIVERED TO UCUF BUILDING, SOUTH SITE, BARC, TROMBAY, MUMBAI.
- k. The supplier should provide details of the previous purchase order for similar work done for BARC.
- l. The suppliers may quote for the work per unit rate basis or as lump sum amount. Taxes, if any, should be separately quoted.
- m. If any clarification is required it should be obtained before starting the work.
- n. If any defect is found in the finished jobs or if they do not meet the specifications, the same will be rejected and to be taken back by the manufacturer at his own cost.
- o. **Confidentiality clause:** No party shall disclose any information to any third party concerning the matters under this contract generally. In particular, any information identified as "Proprietary" in nature by the disclosing party shall be kept strictly confidential by the receiving party and shall not be disclosed to any third party without the prior written consent of the original disclosing party.  
Any contravention of the above-mentioned provisions by any contractor, sub-contractor, consultant, adviser or the employees of a contractor will invite penal consequences under the aforesaid legislation.  
The contractor or sub-contractor, consultant, adviser or the employees engaged by the contractor shall not use BARCs name for any publicity purpose through any public media like Press, Radio, TV or Internet without the prior written approval of BARC
- p. **Payment terms:** No advance payment will be made. Full payment will be made by NEFT/ECS on satisfactory completion of the works. Party should submit guarantee certificate the bill along with advance stamped receipt. Income Tax @2% will be deducted at source from the bill.
- q. **Annexure II and III duly filled shall be submitted along with the quotation.**

Annexure - II

**UNDERTAKING**  
**(Goods & Service Tax)**

The Following certificates should be submitted by the suppliers/contractors to the paying authority on the bills itself when Goods & Servant Tax (GST) is claimed as extra by the contractors/suppliers.

1. **Certified that** the goods and packing on which Goods & Service Tax (GST) has been charged have not been exempted under the Goods & Service Tax (GST) or the rules made there under.
2. **Certified further that** we have actually paid Goods & Service Tax (GST) and are being assessed to Goods & Service Tax (GST) and also that where there are statutory exemptions under the GST act concerned we have availed of the same and certify non-availability of such provisions for Goods & Service Tax (GST).
3. **Certified that** in respect of the amount claimed in the bill, no claim is pending for refund/ or is admissible. Certified that in the event of our getting refund in whole or in part of the element of Goods & Service Tax (GST), we shall pass on the benefit of the amount of refund obtained by us.
4. **Certified further that** we (our branch or agent) \_\_\_\_\_  
\_\_\_\_\_  
(Address) \_\_\_\_\_  
\_\_\_\_\_  
are registered as dealer in the State of \_\_\_\_\_ under the  
Central Registration No. \_\_\_\_\_ for the  
purpose of Goods & Service Tax (GST)

**Signature & Stamp**

### Annexure - III

#### TO WHOMSOEVER IT MAY CONCERN

**Undertaking pursuant to Section 206 AB of the Income Tax Act 1961**  
Declaration confirming filing of Income Tax Return from immediate two preceding years.

I, \_\_\_\_\_ [Name], in the capacity of Individual/  
Proprietor/ Partner/ Director/Authorized signatory of \_\_\_\_\_  
[Entity Name] with PAN \_\_\_\_\_, do hereby make the following declaration as  
required under the relevant provisions of the Income Act, 1961 (hereinafter referred as 'the  
Act'):

1. That I/We am/are authorized to make this declaration in the capacity as Individual/ Proprietor/Partner/Director.
2. I/We hereby declare and confirm that I/We do not fall under the definition of 'specified person' as provided in section 206AB of the IT Act.
3. I/We have duly filed return of income for FY 18-19 & FY 19-20 within due date as per Section 139(1) of the Income-tax Act, 1961 - **Yes / No (strike out whichever is not applicable).**
4. If return has been filed the details are as follows:

I/We, \_\_\_\_\_ having PAN \_\_\_\_\_  
hereby confirm that the provision of Section 206 AB is not applicable in my/our case as I/we  
am/are regular in filing of Income Tax Return. The details (along with proof of documents)  
of acknowledgement numbers and date of filing of Income Tax Returns for last two financial  
years are furnished below:

S.No.	Financial Year / (Assessment Year)	Date of Filing Income Tax Return	ITR Acknowledgement Number
1	2018-19 / (2019-20)		
2	2019-20 / (2020-21)		

5. I/We hereby take responsibility for any loss/liability fully including any Tax, interest, penalty, etc. that may arise due to incorrect reporting of above information.

All the aforesaid representations are true and correct, and we/I agree to furnish any  
evidence required at any time in support thereof.

On behalf of \_\_\_\_\_

<< Name of the authorised signatory >>

<<Designation>>

Name of the Entity:

Seal :

Date :