



भारत सरकार

GOVERNMENT OF INDIA

भाभा परमाणु अनुसन्धान केंद्र

BHABHA ATOMIC RESEARCH CENTRE

नियंत्रण यंत्रीकरण प्रभाग

Control Instrumentation Division

Work Order No.: CnID/WO/OPA/6716

Date: 09.08.21

To,

M/S Holmarc Opto-Mechatronics Pvt Ltd,
B-7, H.M.T. Industrial Estate,
H.M.T. P.O. Kalamassery,
Kochi – 683 503, Kerala

Sub: Work Order for Fabrication, assembly and supply of Light sheet optics (Collimated laser sheet size = 5mm x 1mm) setup as per Annexure – 1

Dear Sir,

Your offer, vide Quotation No.: HOMPL/R&D/QTND/2021-22/476 dated 21/06/2021 in response to our enquiry No. CnID/2021/OPA-75007 dated 15/06/2021 to Head, Control Instrumentation Division (CnID), BARC is accepted for and on behalf of the President of India, subject to the general conditions of all contracts and special conditions here in stated to the extent of the quality and at the price specified below:

Sr. No.	Description	Qty	Rate (Rs)	Amount (Rs)
1.	Fabrication, assembly and supply of Light sheet optics (Collimated laser sheet size = 5mm x 1mm) setup	1 Set (as per Annexure 1)	Rs 1,46,800/-	Rs. 1,46,800/-
	GST @ 5% (against GST exemption Certificate)			Rs. 7,340/-
	P & F Charges (1%)			Rs 1,468/-
	Fright Charges (1%)			Rs 1,468/-
	GST on P& F (5%)			Rs 73.4/- (5%)
	GST on Fright Charges (18%)			Rs 264.24/- (18%)
	Total (Rs) Round Off			Rs. 1,57,414/-
Total Amount: - One Lakh Fifty Seven Thousand Four Hundred Fourteen Rupees Only				

21/06/2021
6/8/2021

(Anuradha Mayya)

Head, CnID, E&I Group

For and on behalf of President of India

Encl: 1. Technical Specifications as Annexure-1 (1 Sheet)
2. General Specifications as Annexure-2 (2 Sheets)

CC to: 1. AAO (works), Central Complex
2. RC Zonal Stores

श्रीमती अनुराधा मैय्या / Smt. Anuradha Mayya
अध्यक्ष, नियंत्रण यंत्रीकरण प्रभाग
Head Control Instrumentation Division
भाभा परमाणु अनुसंधान केंद्र
Bhabha Atomic Research Centre
भारत सरकार / Government of India
ट्रॉम्बे, मुंबई-४०००८५ / Trombay, Mumbai-400085.

WO No.: C_nID /WO/ OPA /6716

Date: 9.8.21

Title: Fabrication, assembly and supply of Light sheet optics (Collimated laser sheet size = 5mm x 1mm) setup as per below details and Fig. 1:

1. Kinematic mount with post, post holder and post base for GRIN lens collimator (GRIN lens collimator (M/s Thorlabs make, model no. 50-630-FC) is available with customer) ---1 No.
2. 5X Cylindrical Beam expander Input beam diameter = 1 mm, Output beam diameter = 5 mm type = Galilean Material = N-BK7 AR coating = Broadband AR @ 400-700 nm ---1 No.
3. Kinematic mount for 5X cylindrical beam expander with post, post holder and post base ---1 No.
4. (a) Fiber coupler with lens system: Fiber coupler- optics Model No. HO-FO-FC05 equivalent, with SMA optical connection, Clear aperture: 5mm, Design: Multi-element, AR coating: Broadband AR @ 400-700nm, Compatible fiber = 0.22NA ---1 No.
(b) Theta-Phi adjustment: Fiber coupler - FC connector Model No. LFC-1 FC 3mm Theta/Phi adjustment 10mm linear adjustment FC fiber connector---1 No.
5. UV -VIS optical fiber patch cord Core diameter: 400um, Numerical aperture = 0.22, Connectors: FC, Length: 5meter ---1 No.
6. Base plate Material: Black anodized aluminum ---1 No.
7. Standard Adjustable slit with post, post holder and post base ---2 Nos.

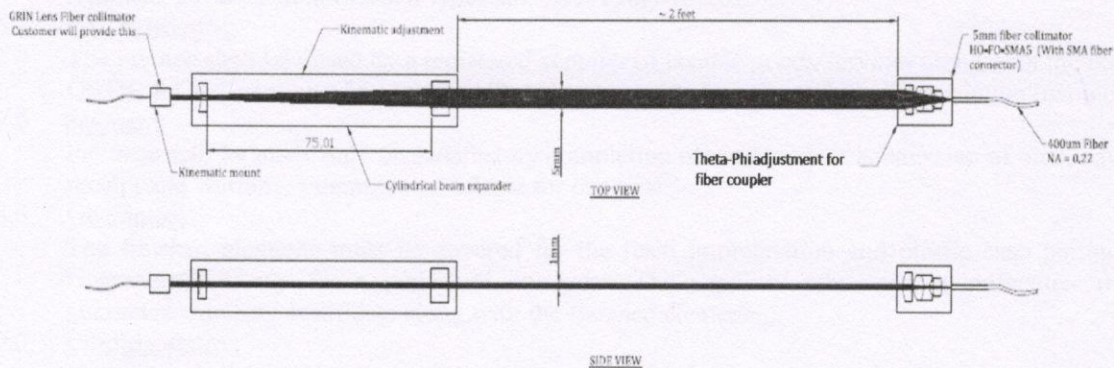


Fig. 1 Light sheet optics setup

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General Specifications

- 1.0 Free issue material:
No Free Issue Material will be provided.
- 2.0 Quality surveillance, inspection and inspection report:
- 2.1 All work covered by the specification shall be subject to quality surveillance by the purchaser or his authorized representative for which purpose the fabricator shall allow access at all reasonable times during manufacture to the premises in which work is being carried out.
- 2.2 The fabricator as per the requirements detail drawing/ specifications shall carry out inspection and tests.
- 2.3 The fabricator shall submit three copies of inspection report to the purchase for approval.
- 2.4 Components found unsatisfactory as to workmanship or material shall be removed by fabricator and replaced by Components, which are satisfactory.
- 2.5 The fabricator shall use materials as specified by the purchaser and submit to the purchaser, the materials test certificate for his approval.
- 2.6 Our engineer at bidder's works shall not dispatch the finished components prior to approval.
- 3.0 Delivery:
- 3.1 The bidder shall deliver the finished components after approval by order engineer within 60 Days from the date of firm work order issued to bidder.
- 3.2 In case of extension of delivery period is required, the supplier shall request the extension of delivery period before expiry of work order.
- 3.3 Any delay which is attributable to the fabricator is liable for penalty @ 0.5% per week (maximum 10%) to be imposed on the contractor.
- 4.0 Sub Contract:
- 4.1 The fabricator shall not sub-contract any or all the work without written consent from the purchaser. The fabricator shall be responsible to the purchaser or all work the sub contractor of the fabricator, if at all allowed by the purchaser.
- 5.0 Tax:
- 5.1 The fabricator shall submit the undertaking that GST has been promptly deposited with the authorities.
- 5.2 No any other taxes will be admissible (except of 5% under GST exemption clause office order no. as per BARC/GST/12/17 DATED 27/12/2017).
- 5.3 Income Tax @ 2% will be deducted from your bill.
- 5.4 An undertaking has to be given by the supplier that the GST has been promptly deposited with authorities (Annexure-II Ref: BARC/AD/IFB(R)/2017/OPA July 10,2017).
6. GSTN Invoice:
The invoice shall be raised by a registered supplier of taxable goods/services along with the other details: GSTN, PAN, Location of Supply and Tax Component to be separately indicated in the Invoice
- 7.0 Payment:
Payment will be made only on satisfactory completion of work and on submission of bills, advance stamped receipt and warranty/guarantee certificate for one year.
- 8.0 Guarantee:
The finished elements must be covered for the resin impregnation and plastic case potting elements by Guarantee/Warranty for a period of one year. The supplier/ fabricator/ manufacturer must submit a guarantee/warranty certificate along with the finished elements.
- 9.0 Confidentiality:
No party shall disclose any information to any third party concerning the matter 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. This clause shall apply to the subcontractors, consultants, advisors or the employees engaged by the party with equal force.

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10.0 "Restricted information" categories under section 18 of the Atomic Energy Act 1962 and "Official secrets" under section 5 of the Official Secret Act, 1923:

Any contravention of the above-mentioned provision by any contractor, subcontractor, consultants, advisors or the employees of a contractor will invite penal consequences under the aforesaid legislation.

11.0 Prohibition against use of BARC's name without permission for publicity purposes:

The contractor or subcontractors, consultants, advisors or the employees engaged by the contractor shall not use BARC's name for any publicity purpose through any public media like press, radio, TV or Internet without the prior written approval of BARC.

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