



श्री चित्रा तिरुनाल आयुर्विज्ञान एवं प्रौद्योगिकी संस्थान, जैवचिकित्सकीय प्रौद्योगिकी स्कंध
SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL SCIENCES AND TECHNOLOGY
BIO MEDICAL TECHNOLOGY WING

(एक राष्ट्रीय महत्व का संस्थान, विज्ञान एवं प्रौद्योगिकी विभाग, भारत सरकार)

(An Institution of National Importance, Dept. of Science and Technology, Govt. of India)

पूजप्पुरा, तिरुवनंतपुरम – 695012, केरल, भारत | Poojappura, Thiruvananthapuram – 695012, Kerala, India

टेलीफोन नं / Telephone No: 0471-2340801 / 2520450, फैक्स / Fax: 0471-2341814

वेबसाइट / Website: www.sctimst.ac.in

**Notice for procurement of.....Stent prototypes..... being proprietary Article under Rule 166 of GFR,
 2017.**

The Division/Department of ... Artificial Internal Organs of this institute intends to purchase... stent prototypes of D2xL12xT0.08, D2xL15xT0.08, D2.5xL30xT0.08, D4xL12xT0.08, D3.5xL24xT0.08, D4xL30xT0.08, D4xL12xT0.06, D3.5xL24xT0.06, D4xL30xT0.06 sizes having following detailed specifications: -

Detailed Specifications: -

- L 605 Tube of OD 2.0 mm \pm 0.010 mm and as per ASTM F90 in hard drawn condition,
- Coronary stent metal platform manufacturing steps: Laser cutting, Cleaning, 1st 100% inspection, Electro—polishing, Heat treatment, Passivation, Final Cleaning, 2nd 100% Inspection
- Finished stent strut thickness 60 microns stent (Low profile) and 80 microns stent (High profile). Tolerance of finished stent wall thickness less than or equal to 0.010 mm.
- Finished stent strut profile width 0.08 mm throughout. Laser cutting tolerance less than or equal to 0.006 mm.
- Finished stent average surface roughness, Ra less than or equal to 0.05 microns.

As per knowledge of ... Artificial Internal Organ....division / department, above said article/equipment is only manufactured by M/s..... MEKO LASER MATERIAL PROCESSING IM KIRCHENFELDE 12-14, 31157 SARSTEDT/HANNOVER, Germany.....and the said firm sells the same through its authorized agent/reseller

In case there is any other OEM for the above said article then they are requested to submit their proposal to the **Director, Sree Chitra Tirunal Institute for Medical Sciences and Technology** through email bmtstp@sctimst.ac.in.....hard copy latest by **04.12.2021**....., failing which it will be presumed that there is no other firm who manufacture the required article/equipment and purchase will be processed and finalized from the available source.

HOD/SIC



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Phone : 0471-2340801, 2520228, 2520428 Fax : 0471-2340819, 2341814 Email : bmtstp@sctimst.ac.in

Enquiry No. R&D/ IMP/ 2021-22/ 8152-AIO/ 7

Dated 05/11/2021

Due Date 05/12/2021

MEKO LASER MATERIAL PROCESSING
IM KIRCHENFELDE 12-14, 31157 SARSTEDT/HANNOVER,,
Germany

Ph: +495066707911

E-mail: cmk@meko.de

Dear Sirs

Sealed quotations are invited for the supply of the following stores under the following terms & conditions:

Sl.No	Our Code	Description	Quantity Required	Unit	Pack	HSN Code
1	DSSTNT0128	STENT PROTOTYPE D2 X L12 X T0.08	30			

Model No : #

Detailed Specification

Chitra coronary stent D2 x L12 x T0.08, where D is the labelled expanded diameter, L is the length and T is the strut thickness in mm.

Requirements:

1. Raw material: L 605 Tube of OD 1.6 mm \pm 0.010 mm as per ASTM F90 in hard drawn condition.
2. Coronary stent metal platform manufacturing steps: Laser cutting, Cleaning, 1st 100% inspection, Electro—polishing, Heat treatment, Passivation, Final Cleaning, 2nd 100% Inspection.
3. Finished stent strut thickness 0.08 mm. Tolerance of finished stent wall thickness less than or equal to 0.010 mm.
4. Finished stent strut profile width 0.08 mm throughout. Laser cutting tolerance less than or equal to 0.006 mm.
5. Finished stent average surface roughness, Ra less than or equal to 0.05 microns.
6. Round off all corners to R 0.025 mm (unless otherwise specified).

2	DSSTNT0129	STENT PROTOTYPE D2 X L15 X T0.08	30			
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Model No : #

Detailed Specification

Chitra coronary stent D2 x L15 x T0.08, where D is the labelled expanded diameter, L is the length and T is the strut thickness in mm.

Requirements:

1. Raw material: L 605 Tube of OD 1.6 mm \pm 0.010 mm as per ASTM F90 in hard drawn condition.
2. Coronary stent metal platform manufacturing steps: Laser cutting, Cleaning, 1st 100% inspection, Electro—polishing, Heat treatment, Passivation, Final Cleaning, 2nd 100% Inspection.
3. Finished stent strut thickness 0.08 mm. Tolerance of finished stent wall thickness less than or equal to 0.010 mm.
4. Finished stent strut profile width 0.08 mm throughout. Laser cutting tolerance less than or equal to 0.006 mm.
5. Finished stent average surface roughness, Ra less than or equal to 0.05 microns.
6. Round off all corners to R 0.025 mm (unless otherwise specified).

3	DSSTNT0130	STENT PROTOTYPE D2.5 X L30 X T0.08	30			
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Model No : #

Detailed Specification

Chitra coronary stent D2.5 x L30 x T0.08, where D is the labelled expanded diameter, L is the length and T is the strut thickness in mm.

Requirements:



1. Raw material: L 605 Tube of OD 1.6 mm \pm 0.010 mm as per ASTM F90 in hard drawn condition.
2. Coronary stent metal platform manufacturing steps: Laser cutting, Cleaning, 1st 100% inspection, Electro—polishing, Heat treatment, Passivation, Final Cleaning, 2nd 100% Inspection.
3. Finished stent strut thickness 0.08 mm. Tolerance of finished stent wall thickness less than or equal to 0.010 mm.
4. Finished stent strut profile width 0.08 mm throughout. Laser cutting tolerance less than or equal to 0.006 mm.
5. Finished stent average surface roughness, Ra less than or equal to 0.05 microns.
6. Round off all corners to R 0.025 mm (unless otherwise specified).

4 DSSTNT0131 STENT PROTOTYPE D4 X L12 X T0.08 30

Model No : #

Detailed Specification

Chitra coronary stent D4 x L12 x T0.08, where D is the labelled expanded diameter, L is the length and T is the strut thickness in mm.

Requirements:

1. Raw material: L 605 Tube of OD 2.0 mm \pm 0.010 mm as per ASTM F90 in hard drawn condition.
2. Coronary stent metal platform manufacturing steps: Laser cutting, Cleaning, 1st 100% inspection, Electro—polishing, Heat treatment, Passivation, Final Cleaning, 2nd 100% Inspection.
3. Finished stent strut thickness 0.08 mm. Tolerance of finished stent wall thickness less than or equal to 0.010 mm.
4. Finished stent strut profile width 0.08 mm throughout. Laser cutting tolerance less than or equal to 0.006 mm.
5. Finished stent average surface roughness, Ra less than or equal to 0.05 microns.
6. Round off all corners to R 0.025 mm (unless otherwise specified).

5 DSSTNT0132 STENT PROTOTYPE D3.5 X L24 X T0.08 30

Model No : #

Detailed Specification

Chitra coronary stent D3.5 x L24 x T0.08, where D is the labelled expanded diameter, L is the length and T is the strut thickness in mm.

Requirements:

1. Raw material: L 605 Tube of OD 2.0 mm \pm 0.010 mm as per ASTM F90 in hard drawn condition.
2. Coronary stent metal platform manufacturing steps: Laser cutting, Cleaning, 1st 100% inspection, Electro—polishing, Heat treatment, Passivation, Final Cleaning, 2nd 100% Inspection.
3. Finished stent strut thickness 0.08 mm. Tolerance of finished stent wall thickness less than or equal to 0.010 mm.
4. Finished stent strut profile width 0.08 mm throughout. Laser cutting tolerance less than or equal to 0.006 mm.
5. Finished stent average surface roughness, Ra less than or equal to 0.05 microns.
6. Round off all corners to R 0.025 mm (unless otherwise specified).

6 DSSTNT0133 STENT PROTOTYPE D4 X L30 X T0.08 30

Model No : #

Detailed Specification

Chitra coronary stent D4 x L30 x T0.08, where D is the labelled expanded diameter, L is the length and T is the strut thickness in mm.

Requirements:

1. Raw material: L 605 Tube of OD 2.0 mm \pm 0.010 mm as per ASTM F90 in hard drawn condition.
2. Coronary stent metal platform manufacturing steps: Laser cutting, Cleaning, 1st 100% inspection, Electro—polishing, Heat treatment, Passivation, Final Cleaning, 2nd 100% Inspection.
3. Finished stent strut thickness 0.08 mm. Tolerance of finished stent wall thickness less than or equal to 0.010 mm.
4. Finished stent strut profile width 0.08 mm throughout. Laser cutting tolerance less than or equal to 0.006 mm.
5. Finished stent average surface roughness, Ra less than or equal to 0.05 microns.
6. Round off all corners to R 0.025 mm (unless otherwise specified).



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7 DSSTNT0134 STENT PROTOTYPE D4 X L12 X T0.06 30

Model No : #

Detailed Specification

Chitra coronary stent D4 x L12 x T0.06, where D is the labelled expanded diameter, L is the length and T is the strut thickness in mm.

Requirements:

1. Raw material: L 605 Tube of OD 2.0 mm \pm 0.010 mm as per ASTM F90 in hard drawn condition.
2. Coronary stent metal platform manufacturing steps: Laser cutting, Cleaning, 1st 100% inspection, Electro—polishing, Heat treatment, Passivation, Final Cleaning, 2nd 100% Inspection.
3. Finished stent strut thickness 0.06 mm. Tolerance of finished stent wall thickness less than or equal to 0.010 mm.
4. Finished stent strut profile width 0.08 mm throughout. Laser cutting tolerance less than or equal to 0.006 mm.
5. Finished stent average surface roughness, Ra less than or equal to 0.05 microns.
6. Round off all comers to R 0.025 mm (unless otherwise specified).

8 DSSTNT0135 STENT PROTOTYPE D3.5 X L24 X T0.06 30

Model No : #

Detailed Specification

Chitra coronary stent D3.5 x L24 x T0.06, where D is the labelled expanded diameter, L is the length and T is the strut thickness in mm.

Requirements:

1. Raw material: L 605 Tube of OD 2.0 mm \pm 0.010 mm as per ASTM F90 in hard drawn condition.
2. Coronary stent metal platform manufacturing steps: Laser cutting, Cleaning, 1st 100% inspection, Electro—polishing, Heat treatment, Passivation, Final Cleaning, 2nd 100% Inspection.
3. Finished stent strut thickness 0.06 mm. Tolerance of finished stent wall thickness less than or equal to 0.010 mm.
4. Finished stent strut profile width 0.08 mm throughout. Laser cutting tolerance less than or equal to 0.006 mm.
5. Finished stent average surface roughness, Ra less than or equal to 0.05 microns.
6. Round off all comers to R 0.025 mm (unless otherwise specified).

9 DSSTNT0136 STENT PROTOTYPE D4 X L30 X T0.06 30

Model No : #

Detailed Specification

Chitra coronary stent D4 x L30 x T0.06, where D is the labelled expanded diameter, L is the length and T is the strut thickness in mm.

Requirements:

1. Raw material: L 605 Tube of OD 2.0 mm \pm 0.010 mm as per ASTM F90 in hard drawn condition.
2. Coronary stent metal platform manufacturing steps: Laser cutting, Cleaning, 1st 100% inspection, Electro—polishing, Heat treatment, Passivation, Final Cleaning, 2nd 100% Inspection.
3. Finished stent strut thickness 0.06 mm. Tolerance of finished stent wall thickness less than or equal to 0.010 mm.
4. Finished stent strut profile width 0.08 mm throughout. Laser cutting tolerance less than or equal to 0.006 mm.
5. Finished stent average surface roughness, Ra less than or equal to 0.05 microns.
6. Round off all comers to R 0.025 mm (unless otherwise specified).

Yours faithfully

SR. PURCHASE & STORES OFFICER



Terms and Conditions

1. The quotation must be submitted as per the below terms and conditions and should be free from corrections/erasures. In case there is any unavoidable correction(s), it should be properly attested. If not the quotation(s) will not be considered. Further, quotation(s) written in pencil will not be considered.
2. Sealed quotation(s) should be superscribed with enquiry No and due date . Quotation(s) will be opened either on due date or on the next working day. The sentence ‘NOT TO BE OPENED’ before (due date and time of tender opening) is also to be printed on these envelopes. If the outer envelope is not sealed and marked properly as stated above, the Institute will not assume any responsibility for its misplacement, premature opening, late opening, and so on.
3. This Institute reserves the right to accept the offer by individual items and reject any or all tenders without assigning any reason thereof and does not bind itself to accept lowest quotations.
4. Participation in this tender is by invitation only and is limited to the selected Procuring Entity’s registered suppliers. Unsolicited offers are liable to be ignored. However, suppliers who desire to participate in such tenders in future may bring it to the notice of Procuring Entity and apply for registration as per procedure.
5. Manufacturer, accredited agents or authorized distributor can only participate in the tender. Manufacturer’s name and country of origin of materials offered must be clearly specified. The Tenderer should furnish evidence to prove the status of Manufacturer, accredited agents or authorized distributor. In case the firm quotes imported brands on behalf of their foreign principals / manufacturers which comes under the provisions of Drugs & Cosmetics Act & Rules, CDSCO certificate/license issued by CDSCO must be attached. In the case of indigenous items, the certificate issued by the State Drug Controller Certificate may be attached.
Please quote whether your organisation is large scale industry or small scale industry. If you have NSIC/MSE/MSI/DGS&D Certificate, please attach it to the quotation. Mention your registration details
6. Complete details and ISI specification if any must accompany the quotation. Make/brand of the item shall be stated wherever applicable. If you have got any counter offer as suitable to the material required by this institute, the same may be shown separately.
7. Samples must be submitted wherever specified along with the quotations. Samples must be carefully packed, sealed and labeled clearly with enquiry number, subject and sender’s name for easy identification. Rejected samples will be returned at your cost if insisted.
8. All drawings sketches and samples, if any, sent along with the enquiry (ies) must be returned along with quotations duly signed.
9. All supplies are subject to inspection and approval before acceptance. Manufacturer/ supplier warranty certificates and manufacturer/Government approved lab test certificate shall be furnished along with the supply, wherever applicable. In



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case of non-acceptance, the materials should be taken back with in seven days of intimation with the risk of supplier and the rejected items should be replaced within ten days from the date of non-acceptance.

10. This Institute reserves the right to modify the quantity specified in this enquiry.

11. In case of no quotes against a particular item in the tender(s), this should be clearly mentioned along with reasons. The prices quoted should not be revised till the supplies are completed. The rates should be quoted in words and figures. Rates quoted should be free delivery at destination including all charges otherwise the quotation is likely to be rejected. Prices quoted for free delivery at destination will be given preference. If there is no indication regarding the FOR, in the quotation, then it will be considered as FOR destinations. Price quoted should be net and valid for a minimum period of six months from the date of opening of the quotation. GST applicable should be mentioned separately in support of HSN code. If no indication regarding GST is recorded in the quotation, the GST will be considered as included in the quote(s).

12. In case the items in the enquiry are covered by any rate contract or running contract finalised by the DGS&D or any other state or central Government, it should be specified in your quotation and accepted contract rates should also be mentioned. It should be also confirmed whether the tenderer could supply at the RC rates outside rate contract.

13. The quotation(s) should be accompanied with illustrated catalogue, brand, model number, make, literature, write up where ever applicable.

14. Delivery period required for supplying the material should be invariably specified in the quotation. The consignment should be delivered at Store, SCTIMST, Trivandrum between 9:00 AM to 4 PM during the working days.

15. In case your quotation is accepted and order is placed on you, the supply against the order should be made within the period stipulated in the order. The Institute reserves the right to recover any loss sustained due to delayed delivery by way of penalty. Failure to supply the material within the stipulated period shall entitle Procuring Entity for the imposition of penalty without assigning any reasons @ 1/2% (half percent) of the total value of the item covered in order as penalty per day subject to a maximum of 5% (five percent) unless extension is obtained in writing from the office on valid ground before expiry of delivery period.

16. If the deliveries are not maintained as per the schedule prescribed and due to that account Procuring Entity is forced to buy the material at your risk and cost from elsewhere, the loss or damage that may be sustained there by will be recovered from the defaulting supplier.

17. Dispute clause: Any dispute relating to the enquiry shall be subject to the jurisdiction of the court at Trivandrum only.

18. Our normal payment terms are 100% (hundred percent) through Electronic Transfer (NEFT) within 30 (thirty) days on receipt and acceptance of material at our site in good condition or satisfactory installation and commissioning of the equipment as the case may be in respect of INR quote.

19. While quoting the rates for Equipments, the following are mandatory:

(a) Warranty: Minimum 3 years from the date of installation and successful commissioning of the system

(b) **Comprehensive Maintenance Contract (CMC)** : CMC charges shall be a maximum of 5% of order value in INR + Applicable GST per year after warranty period. Escalation of 5% will be



applicable once in every three years.

- (c) **Annual Maintenance Contract (AMC) Labour** : Labour AMC charges shall be a maximum of 2.5% of order value in INR + Applicable GST per year after warranty period. Escalation of 5% will be applicable once in every three years.
- (d) List of essential spares: If the equipment contains any essential spares and consumables, the price should be frozen for minimum 3 years after warranty period. The price should be attached separately.
- (e) Installation and Commissioning: Supplier should undertake installation, commissioning and demonstration at our facility free of charge
- (f) If the item involve softwares, tenderer should obtain software license in the name of “Director, SCTIMST” and the paper license / email license to be transferred to the name of Institute.e.

20. In case of foreign quote(s), payment will be made

- (i) via wire transfer after the receipt of item in good condition and commissioning
- (ii) through irrevocable Letter of Credit after receiving Bank Guarantee / Security Deposit @3% of purchase value valid for a period of 60 days beyond the completion of all contractual obligation of the supplier including warranty. The reduced percentage may be continued for the entire duration of the contract even beyond 31/12/2021.
- (iii) proforma invoice in triplicate should mention whether Ex-Works / FOB / CIF (Trivandrum), For CIF (Trivandrum) rates for Air freight & Ocean Freight should be separately indicated
- (iv) Agency commission, if any, should be payable to Indian Agent at the rate prescribed by the foreign tenderer as per the quote.

21. For all supplies / contract above rupees one lakh, the successful tenderer should furnish a performance guarantee /security deposit @ 3 percent of purchase order value excluding GST against the item with warranty and 5 percent of purchase order value excluding GST against items without warranty in the form of Fixed Deposit or Bank Guarantee from a nationalised bank having a validity period of 60 days beyond the completion of all contractual obligations of the supplier. The reduced percentage may be continued for the entire duration of the contract even beyond 31/12/2021.

In case the quote is not according to the above terms and conditions, the same will be summarily rejected.