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सत्यमेव जयते

भारत सरकार

Government of India

भाषा परमाणु अनुसंधान केन्द्र

Bhabha Atomic Research Centre

रिएक्टर इंजीनियरी प्रभाग

Reactor Engineering Division

हाल - 7,
ट्रॉम्बे,
मुंबई - 400 085,
HALL No. 7,
TROMBAY,
MUMBAI - 400 085

RED/RCCS/HVS/ 4204 /2CX/MF/139716 /2017

09/08/2017

To,

Sub: Minor Fabrication: Procurement of raw materials, testing, heat treatment, fabrication, inspection and supply of mandrel assembly as per attached specification (HVS/RJTM 20151004).

Sealed quotations are invited by Head, RCCS on behalf of the President of India for procurement of raw materials, testing, heat treatment, fabrication, inspection and supply of mandrel assembly as per following requirements and attached specification (HVS/RJTM 20151004).

- 1) Quotations have to be submitted on printed letter head and the rates shall be typewritten only and handwritten rates shall not be considered.
- 2) The taxes and transportation charges shall be quoted separately. GST number and PAN should clearly be typewritten in the quotation.
- 3) **The quotations must reach, Head, RCCS, Hall No.-7, BARC, Trombay, Mumbai 400 085 by 07/09/2017. Quotations will be opened on 08/09/2017 at 11 a.m.**
- 4) The above mentioned reference no. date and time of opening of bids must be clearly written on the sealed envelope containing the quotation.
- 5) The offer shall be kept open for acceptance for a period of 45 days from the date of opening of the quotation.
- 6) No free issue material shall be provided by the purchaser.
- 7) Item shall be subjected to inspection, testing and evaluation at bidder's premises by purchaser or his representatives. Necessary access and facilities required for carrying out inspection, testing and evaluation of the items shall be provided to the purchaser or his representatives. The finished items shall not be dispatched without the approval of the purchaser or his representatives.
- 8) The bidder shall deliver the finished items with documents to the purchaser within 90 days from the date of issue of the work order. The delivery is to be made at REZ stores, Hall -7, BARC, Trombay, Mumbai 400085.
- 9) Payment will be made as per rules, after the delivery of the items satisfactorily and against submission of original bill in triplicate and advance stamped receipt. Part payments and advance payments are not possible.
- 10) Income tax @2% shall be deducted from the bill.
- 11) Purchaser reserves the right to accept/reject any or all the quotations received without assigning any reason whatsoever.

- 12) Specification and drawings/sketches given to the bidder must be returned along with quotation.
- 13) The bidder shall furnish the detailed information regarding whether an ex-employee of BARC is working in your organization or whether any of your relative is working in DAE/ BARC or you are ex-employee of DAE/ BARC. In case of absence of such information or wrong information, the quotation or contract is likely to be rejected or cancelled.

CONFIDENTIALITY CLAUSES:

- I. Confidentiality: 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.
This clause shall apply to the sub-bidders, consultants, advisers or the employees engaged by the party with equal force.
- II. "Restricted information" categories under Section 18 of the Atomic Energy Act, 1962 and "Official Secrets" under Section 5 of the Official Secrets Act, 1923:-
Any contravention of the above-mentioned provisions by any bidder, sub-bidder, consultant, adviser or the employees of a bidder will invite penal consequences under the aforesaid legislation.
- III. Prohibition against use of BARC's name without permission for publicity purposes: The bidder or sub-bidder, consultant, adviser or the employees engaged by the bidder shall not use BARC's name for any publicity purpose through any public media like Press, Radio, T.V. or Internet without the prior written approval of BARC.

Thanking you,

Yours Sincerely,

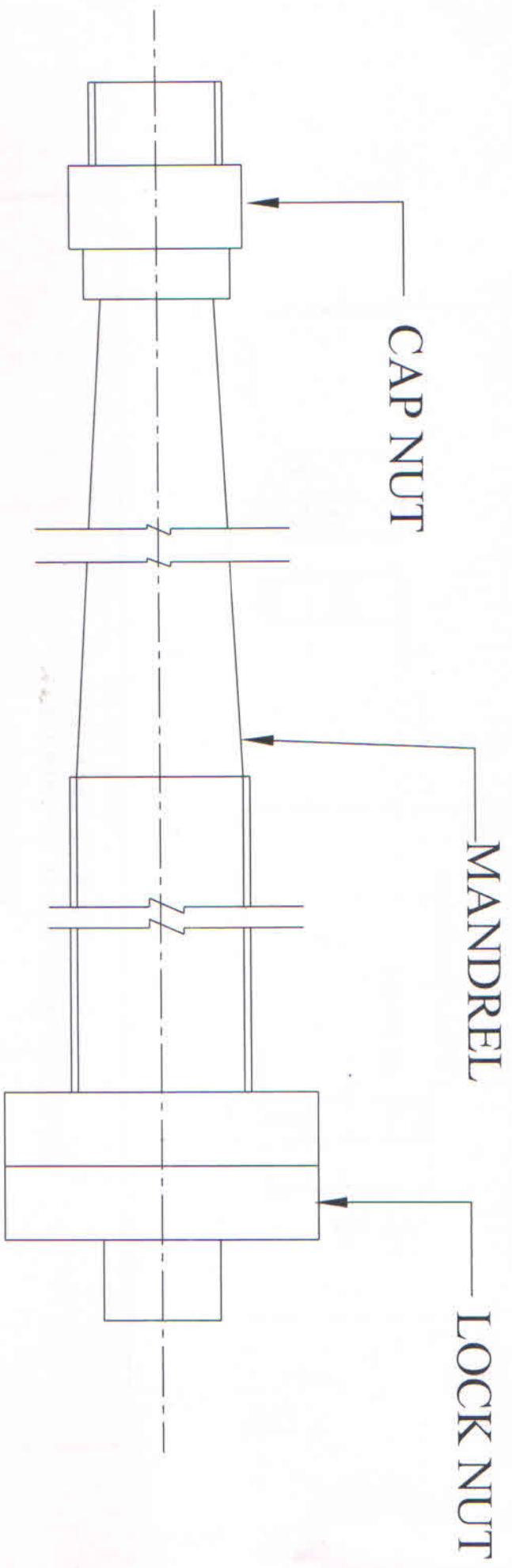


(K Madusoodanan)
Head, RCCS

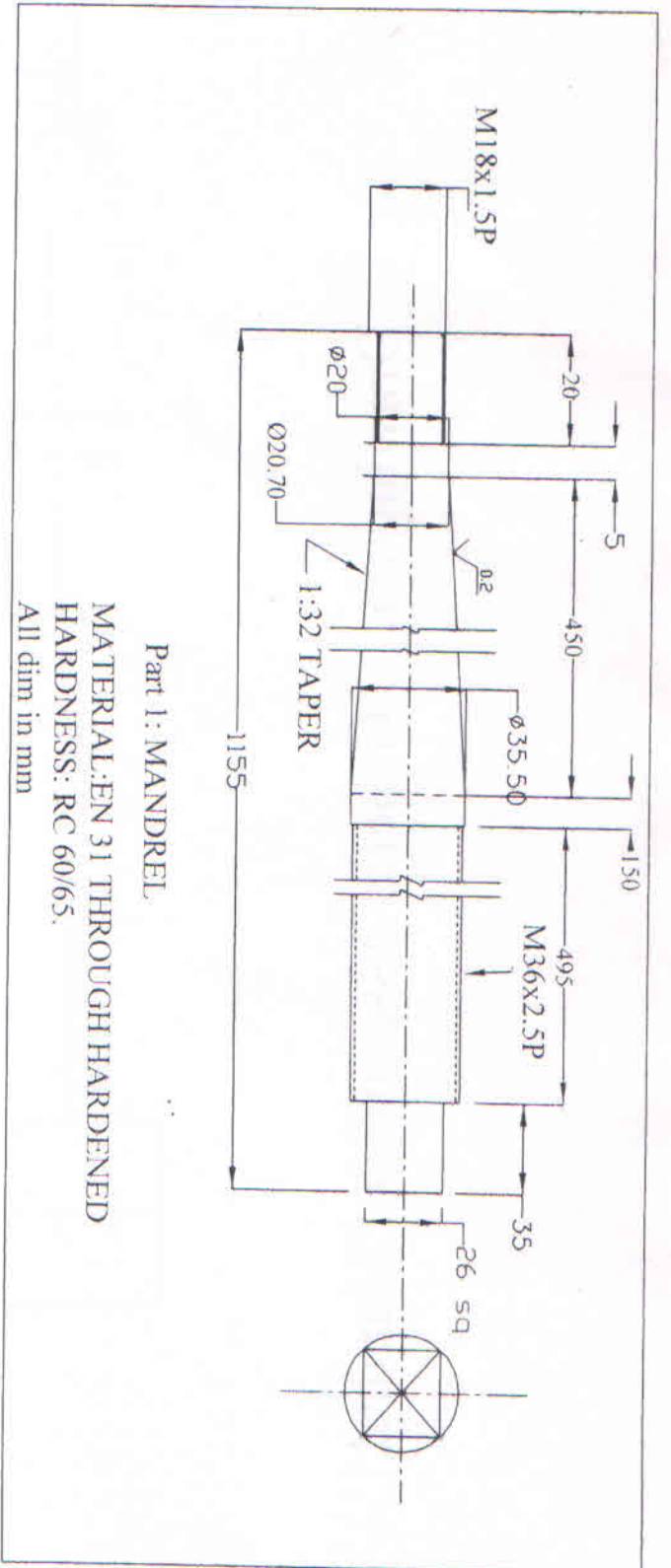
For and on behalf of the President of India
(The Purchaser)

Enclosure:

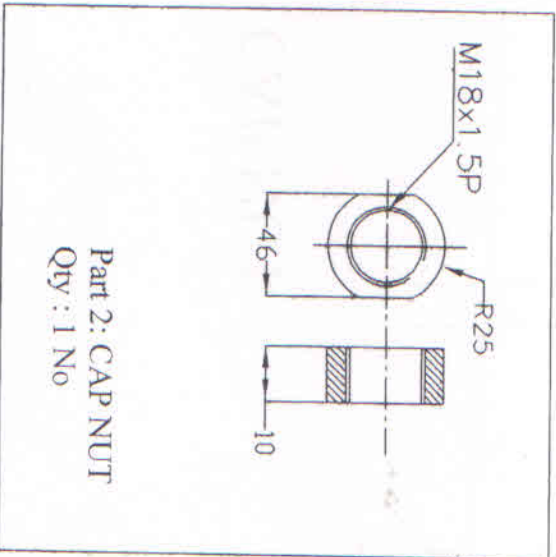
- 1) Specification of mandrel assembly (HVS/RJTM 20151004)



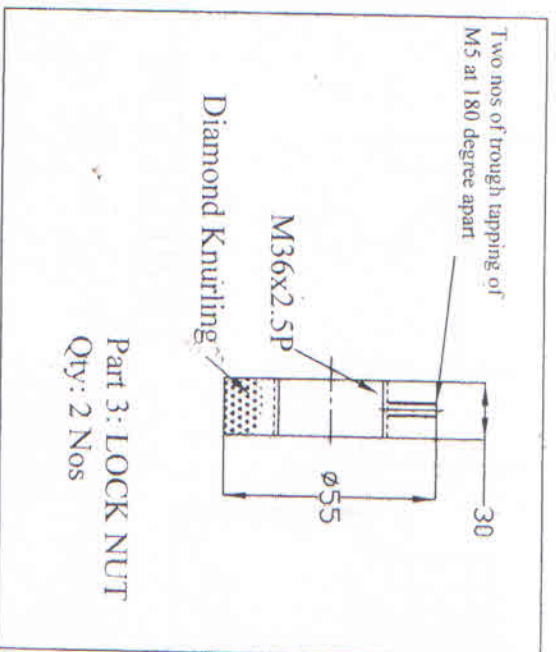
Drawing no. 1 : General Assembly of Mandrel



Part 1: MANDREL
 MATERIAL: EN 31 THROUGH HARDENED
 HARDNESS: RC 60/65.
 All dim in mm



Part 2: CAP NUT
 Qty: 1 No



Part 3: LOCK NUT
 Qty: 2 Nos

SPECIFICATION OF MANDREL ASSEMBLY

1.0 SCOPE: Procurement of raw materials, testing, heat treatment, fabrication, inspection and supply of the mandrel assembly as per shown in drawing nos. 1 & 2; meeting the technical specification and general requirements mentioned in sections 2 and 3 respectively of this specification.

Mandrel Assembly: Quantity: 1 No

2.0 TECHNICAL SPECIFICATION:

The general arrangement of the mandrel assembly is shown in Drawing no. 1. It consists of a mandrel, a lock nut at one side and cap nut at other end. The detailed dimensions of mandrel, lock nut, and cap nut are given in drawing no. 2.

3.0 GENERAL REQUIRMENT:

Material: Material of the mandrel is given in drawing.

Testing and Inspection: Material shall be tested for chemical composition and mechanical properties. Testing charges shall be borne by the bidder. Testing will be witnessed by the representative of the purchaser.

Hardness testing of the mandrel has to be carried out after heat treatment. Two test coupons of OD: 50 mm x length 50 mm and 110 mm shall also be heat treated along with the mandrel. Hardness of test coupons and mandrels will be verified in testing laboratory and will be in the presence of the representative of purchaser. Mandrel should have uniform hardness across the section as per the requirement.

Non Destructive Test: The finished mandrel shall be thoroughly cleaned by acetone or any other suitable cleaning agent. The mandrel shall be subjected to DP test for surface defects, magnetic particle test for sub-surface defects and ultrasonic test.

4.0 NOTE TO BIDDERS.

Access to Premises: Necessary access shall be provided to the premises of the bidder and the sub-contractor if any; for inspection and other requirements pertaining to this work.

Sub-Contracting: No part of the job shall be sub-contracted without prior approval of the purchaser.

Shipping Clearance: The job shall be inspected and necessary clearance shall be given by the purchaser or his representative. No part of the job shall be transported to the purchaser's premises before obtaining the clearance.

The purchaser has the right to accept / reject the items without assigning any specific reason.