Government of India  
Bhabha Atomic Research Centre  
Applied Physics Division  

ENQUIRY

Ref: APD/CB/MF/19/MDK/365/OPA-199081 Date: - 23/10/2019


Due Date: -6/11/2019

Dear Sirs,

1. Quotations are invited for the minor fabrication job, as per the enclosed specifications and drawings.
2. Bidder shall quote for fabrication of these components with material.
3. Bidder shall take out an insurance policy in favor of BARC for any free issue material supplied.
4. Taxes shall be quoted separately. Form H shall be provided where necessary.
5. The quotations must reach, Head, Applied Physics Division on or before the due date referred above and must be sent in a sealed envelope supercribed with the above reference number and due date by speed post only.
6. The address on the envelope should read:
   The Head, 
   Applied Physics Division, PURNIMA LABS, 
   Bhabha Atomic Research Centre 
   Trombay, Mumbai - 400 085. 
   Attn:- Mr. Mahesh D. Kale
7. The fabrication work shall be subject to inspection by our representative. The finished components shall not be dispatched prior to approval by our representative at the bidder's works. Necessary inspection facilities should be provided to our engineers during fabrication at bidder's premises.
8. The bidder shall deliver the finished components after approval by our representative, **within one month from the date of the firm purchase order issued to the bidder.** The finished components shall be delivered by the bidder at Applied Physics Division, Purnima Laboratory, (Near Plutonium Plant), Bhabha Atomic Research Centre, Trombay, Mumbai-400 085.
9. Head, Applied Physics Division, BARC, reserves the right to accept/reject any or all quotations without assigning any reason.
10. Payment will be made only after satisfactory completion of work on production of bill, delivery challan and advance stamped receipt. It may be noted that IT @ 2% and surcharge on tax at 15% shall be deducted from your bills.
11. Job will be guaranteed against material and manufacturing defects for 1 year from the date of supply.
12. GST will be paid @5%; GST rate exemption Certificate will be provided by us.

(Mr. Mahesh D. Kale)  
For and on behalf of. 
Head, Applied Physics Division
MATERIAL- DELRIN
QTY-100 NOS
Dimensions are in mm.
MATERIAL - PERSPEX
QTY - 5 NOS.

Dimensions are in mm.
DRAWING OF HOW THE ASSEMBLY WILL LOOK INSIDE THE HOLDER

LEFT VIEW

SECTION Sectional-Sectional
SCALE 1 : 2

RIGHT VIEW

ISOMETRIC VIEW
ASSEMBLY COVER/HOLDER

MATERIAL: UHMW

QTY= 3 NOS.

SECTIONAL VIEW OF LEFT VIEW

SCALE 1 : 2

SECTION F-F

ALL DIMENSIONS ARE IN mm
PART 1: SPARK GAP ASSEMBLY (LEFT SIDE) CONTAINING TRIGGER ELECTRODE

MATERIAL: SS QTY= 3 NOS.

ALL DIMENSIONS ARE IN mm
PART 2: SPARK GAP ELECTRODE
RIGHT SIDE.

MATERIAL : SS
QTY= 3 NOS.

THREADING TO MATCH WITH THAT OF THE HOLDER

ALL DIMENSIONS ARE IN mm

M6 COUNTERSINK HOLES

R10

TOP VIEW

LEFT VIEW

FRONT VIEW

RIGHT VIEW

ISOMETRIC VIEW

QTY = 3 NOS.
PART 3: INSULATION BETWEEN SPARK GAP ELECTRODE (LEFT SIDE) AND TRIGGER ELECTRODE

MATERIAL: UHMW
QTY= 3 NOS.

ALL DIMENSIONS ARE IN mm
PART 4: TRIGGER ELECTRODE

MATERIAL: SS
QTY = 3 NOS.

TOP VIEW

THREADING FOR M6 NUTS

LEFT VIEW

RIGHT VIEW

ISOMETRIC VIEW

FRONT VIEW

ALL DIMENSIONS ARE IN mm
Custom Made Litz Wire Specifications

1. No. Of Strands = 28
2. Strand Diameter = 0.213mm (i.e. 35 SWG OR 32 AWG)
3. Strand Material = Elektrisola enamelled copper wire
4. Coating Material = Polyimide (Kapton)
5. Coating Thickness = 0.3 to 0.5mm.
6. Quantity = 850 meters