

Item Specification: : BRASS ROD TO SPECIFICATION EN 12164 CW614N R430 TO SIZE : 16MM DIS +/-
0.05 MM INJ STRAIGHT LENGTH OF 02-03 METERS **Item Code:** 0712102017

PRE-QUALIFICATION CRITERIA:

A. Manufacturing Facility capable to manufacture the store as per specified drawing.

ESSENTIAL FACILITIES :

- a) Induction Furnace 5 MT (Min).
- b) Metal Refining Facility.
- c) Casting Facility.
- d) Billet Heating Furnace of requisite capacity.
- e) Extrusion Press.
- f) Cold Draw Facility.
- g) Straightening Machine.
- h) Cutting Machine.
- i) Universal Tensile.
- j) Hardness Testing Machine.
- k) Metallurgical Microscope.

DESIRABLE FACILITIES:

- a) Ultrasonic Testing Facility.
- b) Spectrometer for Chemical Analysis.
- c) Eddy Current Testing Machine.
- d) Conductivity meter.
- e) Suitable Heat Treatment Facility if Applicable.

B. Other standard terms and conditions will be as under.

- 1) Firm will arrange the required desirable facilities from reputed source, if the same is not available with firm. The firm has to enclose MOU / Tie-up letter of the reputed source for outsourcing desirable facilities along with the technical bid offered.
- 2) Firm has to arrange the inspection facilities and requisite test certificates from Govt. approved /NABL Lab. Firm must confirm the same in technical bid.
- 3) All the facilities, whether in-house or outsourced should be capable and suitable for producing the component as per quality requirement projected in the monitoring instruction/ drawings /Specifications. Firm must confirm the same in their technical Bid & submit the available plant & Machinery list and Inspection facilities in detail along with self declaration of capability of firm and its sub vendors.
- 4) Registration of the participating firms is essential/ mandatory. Firm must confirm the same in technical bid.
- 5) The firm has to arrange appropriate identification on each package & rod with suitable marking, indicating the name of manufacturer, alloy designation, condition of the material, Cast Heat core & rod size etc. Firm has to arrange for suitable packing of the stores to protect the store damage during storage & transit deterioration, if firm gets the order. Firm must confirm the same in their technical bid.
- 6) The firm shall have supplied category of items to other firms. Firm shall provide the details for similar category of items manufactured & supplied to the other firms in last three year with details of purchaser.