

## **03. TECHNICAL SPECIFICATIONS**

# 1 TECHNICAL SPECIFICATIONS

## SPECIFICATIONS OF THE CONSIGNMENT SEALS & SEALING WIRES

The bidder shall indicate whether the required specifications are met by them by marking (Yes) if it meets the requirements/comply and (No) if it is not, in front of each requirement/specification in the right-hand corner of each item. Variations and/or deviations from specification, if any, shall be illustrated clearly in detail. Complete technical specification details shall also provide together with following.

### CONSIGNMENT SEALS

No.	Item	Specification/Description	Compliance	
			Yes	No
1	Locking Body	Petroleum Resistant Plastic or any other Petroleum Resistant material		
2	Color	Blue, Orange, Yellow, Dark Green, Red, Grey, Brown, Black, White (separate seals)		
3	Locking Mechanism	1. Self-locking. rotation locking or twist locking mechanism shall be used		
		2. Locking action and the 100% locking of the seal shall be easily recognized		
4	Identification	Conspicuous 5-character customization (CPSTL) and 6 digit easily readable non-repetitive sequential numbering shall be printed ( <b>minimum height of characters and digits shall be 3mm</b> )		
5	Sealing	By hand without using any tool		
6	Special Requirements	1. Shall be user friendly with the galvanized sealing wire of which total diameter of wire range from 0.45mm to 0.50mm. It is preferred two holes to insert the sealing wire shall available in the locking body in vertical position		
		2. Shall be designed for a single use		
		3. Shall be packed in transparent polythene. 10 seals shall be packed in one small pack, 10 such small packs shall be packed in one medium pack (100 seal pack), 10 such medium packs shall be packed in one large pack (1000 seal pack), 5 such large packs shall be packed in a corrugated box. Corrugated boxes shall be palletized according to the sequence of serial numbers for easy handling by forklift.		
		4. Should be resistant to refined petroleum products, sunlight/heat, boiling water		
7	Requirements of Documentation	1. Original of internationally published manufacturer's brochures with company details and technical catalogues should be provided along with the bid		
		2. Since there is a greater possibility of the consignment seals getting in contact with refined petroleum products/sunlight/heat, <b>Certificate of Compliance</b> should be submitted along with the bid to the effect that the original properties of the sealing material do not get affected and the seal identification characters and numbers do not get erased/defaced by petroleum products, direct sunlight and heat		
8	Requirements of sample	10 nos. of samples seals from each color, printed with characters & nos. (numbered from 000001 to 000100)		

Signature of the Bidder: ..... Date:.....

(Common Company Seal)

### SEALING WIRES

No.	Item	Specification/Description	Compliance	
			Yes	No
1	Dimensional properties	1. Diameter: total diameter of wire ranges from 0.45mm to 0.50mm.		
		2. Length in a spool (roll) shall be 1000 feet.		
2	Special Requirements	1. Shall be able to be used galvanized sealing wire of different lengths (or the sealing wire recommended by the supplier).		
		2. Sealing wire has to be presented in a bobbin.		
		3. Shall be designed for a single use.		
		4. Shall be supplied 50 nos. of spools in a corrugated box.		
		5. Shall be resistant to refined petroleum products, sunlight & heat.		
		6. Supplier has to quote for supplying galvanized iron sealing wire, or any other sealing wire suitable for the particular seal in use - Sample could be inspected.		
		7. The bid shall have the following information with regard to the sealing wire.		
		I. Materials		
		II. Price per spool		
		III. Length per kg		
3	Requirement of Documentation	Manufacturer details along with company details and technical catalogues shall be provided along with the bid.		
4	Requirement of sample	One (01) meter long sample		

Signature of the Bidder: ..... Date:.....

**(Common Company Seal)**