

**SECTION III: PRODUCT'S TECHNICAL****SPECIFICATIONS****i. SAMPLES**

- The bid for each bidder must be accompanied by two identical samples of the bags that the bidder is offering to supply to NCPB. The samples must be an accurate representation of what the bidder intends to supply if awarded the contract.
- Each sample must be clearly marked with the bidder's name and the tender number and submitted with the bid before the closing date of the tender.
- Any bid not accompanied by the samples shall be disqualified

ii. *The jute bags shall be of the following minimum specifications and must conform to the samples submitted by the Supplier and as agreed by the parties as detailed hereafter:-*

**Type:** *New B. Twill Standard Jute Gunny Bags 6 x 8 porters and shot, hemmed at mouth, overhead dry sewn / Heracles sewn. The quality must conform to the **Indian Standard IS12650: 2003 or better.***

**Markings:** *3 Blue stripes marked in the centre of the bag, from mouth (top) to the bottom on both sides.*

**Packaging:** *500 bags folded, per iron bound bale.*

**Size:** *Length 94cm plus tolerance of plus4cm, minus 2*

**Width:** *57cm plus a tolerance of plus 4cm, minus 2 with capacity to bag 50kgs of grains or pulses.*

**Weight:** *665gmstolerance plus 10 percent, minus 7.5 percent.*

**Ends:** *76 tolerance plus 4, minus 2*

**Picks:** *28 plus 2, minus 1*

NO.	CHARACTERISTICS	REQUIREMENT 50KG CAPACITY	TOLERANCE	METHOD
a)	Dimensions			
i)	Outside length, cm	94	+4 cm	
ii)	Outside width, cm	57	-2	
b)	Ends per dm	76	+4 cm -2	
c)	Picks per dm	28	+2 cm -1	
d)	Minimum mass per bag, g	665	+10 % -7.5%	
e)	Average breaking strength of sacking (ravelled strip method, 10cm x20cm), Min, N (Kgf)			
i)	Warp way	1570 (160)	-	
ii)	Weft way	1420 (145)		
f)	Average seam strength (5cm x 20cm ravelled strip), Min. N (kgf)	490 (50)	-	
g)	Moisture regain, percent, Max	22	-	
i)	Oil content on dry de-oiled material basis, Max	8	-	

### **iii. GENERAL CONDITIONS OF THE BAGS**

The supplier warrants that the bags shall be free from defects arising from any act or omission of the suppliers or arising from design, materials and workmanship under normal use in the conditions prevailing in the country of final destination. Upon receipt of notice of defects, the supplier shall expeditiously replace the defective bags at no cost to the purchaser.

### **iii. QUANTITY**

The quantity to be supplied and delivered is 800,000 (eight hundred thousand) bags.

### **iv. CONTAINERIZATION**

- a. The iron bound bales shall be stuffed in 20-foot-long intermodal containers.
- b. The containers should be clean, water tight and free from contamination. Pallets may constitute part of the water damage risk minimization technique.