C.G Markfed, Cap Cover GeM Tender No – GEM/2024/B/5252170 Year- 2024 Amendment Details-

1. Bidder has to submit the EMD of Rs- 18,50,000 (Eighteen lakhs Fifteen thousand Rupees) through Demand Draft/RTGS as per tender documents details. (Exemption **NOT** allowed).

2. Cap cover Technical Specification-

Item Name: Black Polythene (LDPE) Cap Cover ISI Marked	
Film Material: ISI Marked, Black coloured Low Density Polyethylene Film conforming to IS 2508:2016 (Reaffirmed 2022)	
Item Description: Black polythene cap covers fabricated out of ISI Marked Black LDPE Film conforming to IS: 2508/1984 with up to date amendments, Black Polythene Cover dimension 9.8 x 6.4 x 5.2 meters of 1000 gauge low density black polythene film of high impact resistance manufacture from heavy duty raw material (granules) grade 22FA002 or equivalent grade having two funnels on each length side and one funnel on each width side The funnel should of cylindrical tube and shall be of size approx 30cm length and approx 20 cm diameter. Length side funnels shall be fixed at a distance of approx. 90cm from the top and side joint while the funnels on the width side shall be fixed in the centre of each side at a distance of 90 cm from the top joint and shall be welded both from inside as well as outside. The film shall be of grade 030 Eyelets shall be provided at a distance of about 2.0 meters from each other and at a height of about 3 cm form the bottom edge. Each cover shall have only two seams/joints one at the corner running from top to bottom and the other joint all round at the top to give the cover a rectangular shape. The joint of film in all cases shall be overlapped 6.35 cms. (2.5") wide and seams triple heat-sealed. The bottom edge should be folded 6.5 cm. in width and triple heat-sealed. The seams shall be guaranteed against giving way for a minimum period of one year in all cases. The film shall be uniform in colour, texture and finish. The material shall be substantially free from pinholes, undispensed raw material, streaks and particles of foreign matter. These shall be no other visible defects, such as holes, tears or blisters. The edges shall be free from nicks and cuts visible to unaided eve.	
Weight	None of the covers should weigh less than 54 kg. Each cover shall be supplied with one role of pressurized plastic self adhesive tape free of cost. The adhesive tape roll shall be 10 meter in length and 2 cm in width
Other Technical Specifications of LDPE film used for Cap Cover	
Density	0.922 to 0.937 gm/ml at 27 °C or 0.924 to 0.939 gm/ml at 23 °C
Thickness Tolerance	Tolerance on Nominal thickness at any given point of film shall be 250 microns 10%
Carbon Black	The percentage of Carbon Black in the material shall be 2.5 + 0.5% by mass as provided in 2.2.1 of IS 2530 when tested as per Para 10 of IS 2530. Dispersion of the Carbon Black shall be satisfactory when tested as per Para 16 of IS 2530
MFI (Melt Flow Index)	The LDPE film shall have MFI not more than 0.10 to I5.0 gm/10 min. when tested by the method given under Para 7 of IS: 2530
Tensile Strength at break	1. In Lengthwise direction minimum 140 kgf/cm 2 in crosswise direction minimum 110 kgf/cm²
Elongation at Break	1 Lengthwise-200% minimum. 2. Cross-wise-400% minimum
Impact Resistance	The film shall be of high impact resistance. The test limpact failure minimum) load 425 gf. shall be carried out in accordance with the procedure laid down in the BIS specification No. 15 2508:2016 with up to date amendments. Value obtained from impact shall be compared with the thickness of the fum for indicating conformity

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Tear strength	The film shall have minimum tear strength of 70 N/mm or above as desired by the Consignee as per IS (2508 : 2016) with up to date Amendments.
Marking:	The supplier at his expense shall paste a block of the Stencil on the **top and all side of the cap cover,** which should be painted with white oil color thereafter supplier shall indicate CG Markfed & year, name & address of supplier for the purpose of identification. Further, a block of the Stencil should also be **pasted on the top and all side** of the cap cover to protect to the it from dust, heat, water etc. All marking shall be carried out with such a material as may be found satisfactory as regards quickness of drawing, fastness and indelibility.