

Technical Specification for Black Leather Shoes PSS/PCC

[The Technical specifications may be provided in the following format. The bidder shall fill the columns 6 and 7. Bidder's failure to provide the information requested in the columns 6 and 7 may be a reason for the rejection of the Bid. If any discrepancy is observed between the information provided by the bidder in the column 6 and 7 and the other technical information attached to the bid, the information provided herein shall take precedence]

(1)	(2)	(3)	(4)	(5)	(6)	(7)			
<i>Line Item No</i>	<i>Description of goods or related service</i>	<i>Sub Component</i>	<i>Technical Specification sans standards</i>						
			<i>Purchaser's Requirements</i>		<i>Bidder's Offer</i>				
			<i>Detail</i>		<i>Priority</i>	<i>Yes (Y) / No (N)</i>	<i>Remarks</i>		
1.	Leather Shoes PSS/PCC	1. Brand Name	To be specified by the bidder						
		2. Year of manufacture	To be specified by the bidder						
		3. Is it of current Manufacturer	To be specified by the bidder						
		4. Design							
		4.1 Style	As Per the diagram (see figure 1) low cut leather shoe with toe cap and lace to match. the padded collar shall be lined with a leather of minimum 1.3 mm thickness.						
		4.2 Colour	Black						
		4.3 Size	5 to 12 (English) shall be marked on the shoe						
		4.4 Shoe Weight (g) Maximum	1200 g, per pair (for UK size 9 to 10)						
		4.5 Back height,	65 ± 5 mm						
		05. Upper materials & components							
		5.1 Upper Material	Chrome tanned leather, free from objectionable defects. the leather shall be plain and the colour & finish of the leather shall be matched with the requirement. Leather shall be well finished with shining effect						
		5.2 Thickness of the leather,	2.0 ± 0.2 mm (ISO 2589)						
		5.3 Shape of the back counter	As per the diagram (see figure 1)						
		5.4 Upper reinforcement	Toe cuff shall be reinforced with plastic impregnated fabric or solvent softening bonded fiber						
		06. Lining Material							
		6.1 Type of the Lining Material	Lining Material shall be of leather						
		6.2 Thickness of the Lining Material	1.3 ± 0.2 mm (ISO 2589)						

07. Eyelets				
7.1 Style	Eyelets shall be of the visible setting and made out of brass Eyelets in black colour			
7.2 No. of eyelets	Three pairs (3)			
7.3 Internal diameter	4.0 mm (minimum)			
08. Stitching				
Upper stitching with nylon or other synthetic thread with quarter lining. Stitch density shall be 8-10 stiches per 25 mm.				
09. Laces				
9.1 Laces material	Laces shall be made of polyester/cotton blend of 65% \pm 5% polyester and 35% \pm 5% cotton, tubular in shape and of braided construction laces shall be uniform in colour and finish. Ends shall be secured with a non-corrosive tips, which shall be made out of material and shall not be loosen when pulled.			
9.2 Length of laces.	80 \pm 5 cm			
9.3 Breaking strength, N. min	400 (SLS 1290)			
10. Threads				
10.1 Thread type	The threads used for attaching the various upper components shall be polyamide (nylon) The thread shall not be finer than ticket number 40. The colour of the threads shall match to the surrounding material, unless a contrasting colour is part of the design.			
10.2 Thread type				
10.2.1 Toe cap closing	Heavy duty stitching. there shall be three rows of lock stitching. Stitch density shall be 7-8 stitches per 25 mm.			
10.2.2 Quarter to vamp	There shall be two rows of lock stitching. Stitch density shall be 8-10 stitches per 25 mm			
10.2.3 All other areas	Stitch density shall be 8-10 lock stitches per 25 mm			
11. Bottom material & Components				
11.1 Insole	Insole shall be made of leather board by avoiding metal tacks.			
11.2 Thickness of the Insole	3.5 \pm 0.5 mm (ISO 2589)			
11.3 In sock	in sock shall be of leather with cushion effect (EVA / PU/ rubber)			
11.4 Thickness of the Leather Layer of In Sock	1.0 \pm 0.1 mm minimum			

12. Outsole				
12.1 Material	Outsole shall be of natural rubber, blend of natural rubber of synthetic rubber.			
12.2 Thickness of the outer sole (with cleats)	12 + 1 mm (ISO 20344:2021)			
12.3 Thickness of the heel (with cleats)	30 ± 2 mm (ISO 20344:2021)			
12.4 Cleat height				
11.4.1 Sole area	4+1 mm (ISO 20344:2021)			
11.4.2 Heel area	4+1 mm			
12.5 Abrasion resistance mm ³ maximum	200 (see note 1) (ISO 4649:2017)			
12.6 Hardness shoe type A	65 ± 5 (ISO 48 - 2:2018)			
12.7 Whole shoe flexing resistance	No visible cracks or no delamination of parts at the bottom or upper of the shoe after 150000 cycles. (SATRA TM 465 - whole sole flexing tester)			
13. Shank				
13.1 Material	Shall be made of metal with noncorrosive finish			
13.2 Width, mm. min	10			
13.3 Thickness, mm. min	1.0			
14. Construction				
14.1 Type	Direct vulcanized			
14.2 Bond strength, N, min				
14.2.1 Toes	200 (SATRA TM 404:1992)			
14.2.2 Heels	400			
14.3 Peeling strength, N/cm. mm	30 (SATRA TM 404:1992)			
15. Packing				
	Each pair of shoes shall be packed individually in Boxes Made by suitable packing material that with protect it from damage			

			during normal storage, handing and transportation.			
		16. Warranty	Manufacture' s warranty			
		17. Warranty Period	01 year			
		18. Drawing	Attached			

Name of Bidder:
[Insert complete name of Bidder]

Signature of Bidder:
[Signature of person signing the Bid]

Date:
(Insert Date) 06.11.2023 kalu

Leather Shoes PSS/PCC

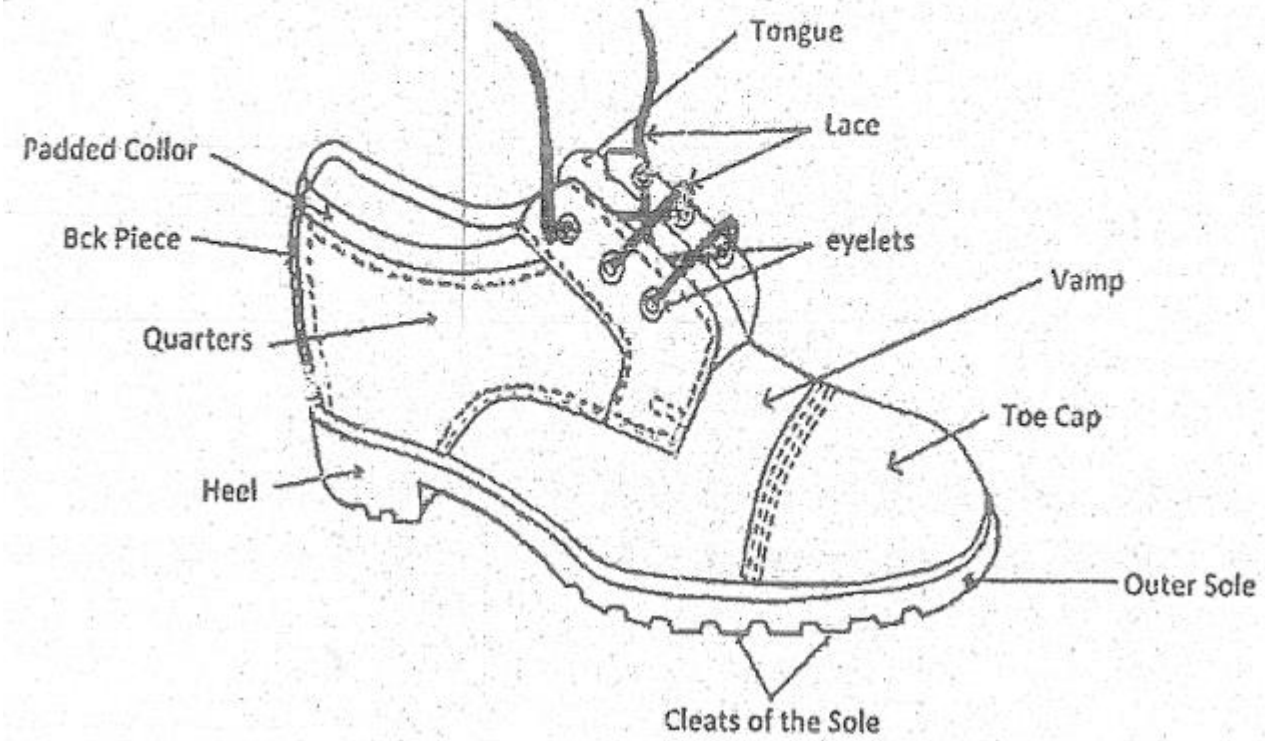


Figure 1