

The Base of the container is defined as
Width x Length so,

$$\begin{aligned} \text{Base} &= 1.651 \times 3.302 = 5.451602 \text{ m}^2 \times \$10/\text{m}^2 \\ &= \$54.52 \text{ for base} \end{aligned}$$

The sides are defined as $2(WH) + 2(LH)$

$$\begin{aligned} \text{So sides} &= 2(1.651 \cdot 1.8343) + 2(3.302 \cdot 1.8343) \\ &= 2(3.0284) + 2(6.056859) \\ &= 6.056859 + 12.1137172 \\ &= 18.17057620 \text{ m}^2 \times \$6/\text{m}^2 \\ &= \$109.02 \text{ for sides} \end{aligned}$$

$$\text{Total price} = \$109.02 + \$54.52$$

$= \$163.54$ for cheapest
container