$$Z = C^{T}x = \left(C_{1}^{4}, C_{1}^{4}\right) \begin{pmatrix} x_{1} \\ x_{1} \end{pmatrix} = C_{1}^{4} \left(B^{-1}b - B^{-1}Fx_{2}\right) + C_{1}^{4} x_{1}^{4}$$

$$= C_{1}^{4} B^{-1}b + \left(C_{1}^{4} - C_{1}^{4} B^{-1}F\right) x_{2} = C_{1}^{4} B^{-1}b + C_{2}^{4} x_{2}^{4}$$

s.t.
$$3x_1 + 2x_2 + x_3 = 15$$

 $2x_1 + 3x_2 + x_4 = 15$

$$(2301)$$
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