

Example Force Account Construction Method Cost Analysis

<sup>1</sup>Estimate of Competitively Bid Construction

Item	Cost
<b>Mobilization</b>	<b>\$ 1,000.00</b>
<b>Pavement Markings - Paint (11,000 lf @ \$0.50/lf)</b>	<b>\$ 5,500.00</b>
<b>Traffic Control</b>	<b>\$ 1,000.00</b>
 Total Cost	 \$ 7,500.00

Estimate of NCDOT Force Account Construction

Item	Cost
<sup>2</sup> <b>Labor</b>	<b>\$ 675.00</b>
<sup>3</sup> <b>Equipment</b>	<b>\$ 573.50</b>
<sup>4</sup> <b>Materials</b>	<b>\$ 2,125.30</b>
 Total Cost	 \$ 3,373.80

Difference in Estimated Cost	\$ 4,126.20
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Notes

1. When preparing the Estimate of Bid Construction, use contract prices if work is performed on an existing contract and the items are available. Otherwise use bid averages or independent estimate performed by the Division Contract Officer.
2. Labor should be calculated using current Activity Rates for the cost center. These can be found using transaction KSBT in SAP.
3. Use the Department’s actual equipment rental rate for the cost center. This is found using ZPSR15 in SAP. If the equipment is under rental agreement, use the quoted or invoiced price and include as an attachment.
4. Include an itemized list of materials with supplier quotes.
5. Include documentation if prior attempts to bid the work resulted in high bids or lack of bids.