

# Contractor's Simple Acceleration Calculation

Acceleration  
cc-1) 4

ACZ  
X

## EXAMPLE FOR CALCULATING ACCELERATION PAYMENT

Extension of time granted by Architect	:	14 days
Contract commencement date	:	24/1/80
Contract completion date	:	23/2/82
Extended completion date	:	9/3/82
Whole project accelerated to	:	23/11/81
Acceleration required	:	106 days
Total value of the works (approx.) (builders works + M+E installation + Variations)	=	\$71.8 M
Labour content 55% > 1/2	=	\$25,130,000
Contract period plus extension of time granted	=	776 days
Average 'labour' per day	=	\$32,384
'Labour' for 106 days	=	\$3,432,700

(1) Night work extra cost : based on double pay rates	\$3,432,700
(2) Inefficiency for carry- ing out work at night 15% x \$3,432,700	\$514,900
(3) Adjustment for fluctua- tion in wages on (1) & (2) (Based on Govern- ment wage index: increase 20% x \$3,947,600)	789,500
Sub-total	4,737,100
(4) Extra management charge and supervision 5% x \$4,737,100	236,900
Acceleration Payment	\$4,974,000

wage only.

Rate per 10 per day acceleration =  $\$ \frac{4,974,000}{17,286 \times 105} = \$2.72$