

QUALITY COST BASED SYSTEM

Illustration

STAGE 1: TECHNICAL BIDS EVALUATION

Bidder details	Technical Mark Obtained
Bidder1	92
Bidder2	85
Bidder3	55
Bidder4	75

QCBS Grading System

Grade	Range	Marks
Outstanding	91-100	100
Excellent	81-90	90
Very Good	71-80	80
Good	61-70	70
Very Fair	51-60	60
Fair	41-50	50
Average	31-40	40
Below Average	21-30	30
Poor	11-20	20
Very Poor	1-10	10
Zero	0	0

STAGE 2: Conversion of Technical Marks to Technical Score

Bidder details	Technical Score based on Grading System
Bidder1	100
Bidder2	90
Bidder3	Rejected *
Bidder4	80

*Since the eligible technical score should be 70 & above, bidder 3 is rejected

STAGE 3: FINANCIAL BID EVALUATION

Bidder details	Financial Bid Amount
Bidder1	1,30,000
Bidder2	1,20,000
Bidder4	1,00,000

Stage 4: Conversion of financial bid amount to score

Bidder Details	Financial Bid Amount	Financial Score (LFB/F*100)
Bidder1	1,30,000	$100000/130000*100=76.92$
Bidder2	1,20,000	$100000/120000*100= 83.33$
Bidder4	1,00,000	100

LFB = Lowest Financial Bid, F = Quoted Amount

Consolidated Technical & Financial Score

Bidder Details	Technical Score	Financial Score
Bidder 1	100	76.92
Bidder 2	90	83.33
Bidder 4	80	100

**Stage 5: Combined Technical and Financial Score (CTFS)
With Weightage 70:30**

Bidder Details	Applying weights for the Technical Score & Financial Score	CTFS	Rank of the Bidder
Bidder1	$100*(70/100) + 76.92*(30/100)$	93.07 (70+23.7)	L1
Bidder2	$90*(70/100) + 83.33*(30/100)$	87.99 (63+24.99)	L2
Bidder4	$80*(70/100) + 100*(30/100)$	86 (56+30)	L3