


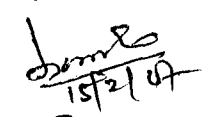
MODEL ESTIMATE FOR POND OF SIZE 50'x50'x15'

<u>S.No.</u>	<u>ITEMS OF WORK</u>	<u>Labour (Mandays)</u>	<u>Amount</u>
1	<u>Calculation of E/W</u>		
	$\frac{50'x50'+35'x35'x15'0''}{2} = 27937.50 \text{ cft}$		
	(a) Ordinary soil 50% = 13968.75 cft @ 100 cft/ M.D = 139.6875 say 140 Nos M.D.	140	
	(b) Hard soil 50% = 13968.75 cft @ 90 cft/M.D.	155	
2	Extra for E/W for each subsequent lift of (1.0m) over the initial lift of (1.5 m)		
	1st lift $\frac{45'x45'+42'x42' x3.28'}{2} = 6213.96 \text{ cft}$ @ 1000cft /M.D. = 6.213 M.D say 6 M.D	6	
	2nd lift $\frac{42'x42'+39'x39'x3.28'}{2} = 5387.4 \text{ cft}$ @1000cft/2M.D. = 10.77M.D say 11M.D.	11	
	3rd lift $\frac{39'x39'+35'x35'x3.44'}{2} = 4723.12 \text{ cft}$ @1000cft/3M.D = 14.16 say 14M.D	14	
	Add for clod breaking ,levelling and dressing of bank of the pond @ 1000cft/M.D $\frac{=27937.50}{1000} = 27.9375 \text{ say } 28\text{M.D.}$	28	
		354	
	@76.68/M.D. Rs.		27144.72
	Add 1% contingency (+) Rs.		271.45
			27416.17
	Say Rs.		27,400.00


J.E
R.D.S.D., Gumla.


A.E
R.D.S.D., Gumla.

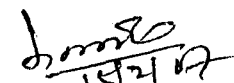
Technically sanctioned for Rs 27,400/- (Rupees twenty seven thousand and four hundred) only


15/2/07
E.E

MODEL ESTIMATE FOR POND OF SIZE 90'x70'x15'

<u>S.No.</u>	<u>ITEMS OF WORK</u>	<u>Labour (Mandays)</u>	<u>Amount</u>
1	<u>Calculation of E/W</u>		
	$\frac{90' \times 70' + 75' \times 55' \times 15'0''}{2} = 78187.50 \text{ cft}$		
	(a) Ordinary soil 50% $\frac{78187.50 \text{ cft}}{2} = 39093.75 \text{ cft}$ @ 100 cft/ M.D = 390.9375 M.D. say 391 M.D.	391	
	(b) Hard soil 50% of $\frac{39093.75 \text{ cft}}{90} = 434.375 \text{ M.D.}$ Say 434 M.D.	434	
2	Extra for E/W for each subsequent lift of (1.0m) over the initial lift of (1.5 m)		
	1st lift $\frac{85' \times 65' + 82' \times 62' \times 3.28'}{2} = 17398.76 \text{ cft}$ @ 1000cft /M.D. = 17.398 M.D say 17 M.D	17	
	2nd lift $\frac{82' \times 62' + 79' \times 59' \times 3.28'}{2} = 15981.8 \text{ cft}$ @ 1000cft/2M.D. = 31.96 M.D say 32 M.D.	32	
	3rd lift $\frac{79' \times 59' + 75' \times 56' \times 3.28'}{2} = 14623.88 \text{ cft}$ @ 1000cft/3M.D = 43.87 say 44 M.D	44	
	4th lift $\frac{76' \times 56' + 75' \times 55' \times 0.16'}{2} = 670.48 \text{ cft}$ @ 1000cft/4M.D = 2.68 say 3 M.D	3	
	Add for clod breaking ,levelling and dressing of the berm all around the embakement or bank of the pond @ 1000cft/M.D $\frac{78187.50}{1000} = 78.1875 \text{ say } 78 \text{ M.D.}$	78	
		999 M.D.	
		@76.68/M.D. Rs.	76603.00
	Add 1% contigency (+) Rs.		766.00
			77369.00
	Say Rs.		77,400.00
	J.E R.D.S.D., Gumla.	 A.E R.D.S.D., Gumla.	

Technically sanctioned for Rs. 77,400/- (Rupees seventy seven thousand four hundred only).



R.A.
15/2/07

MODEL ESTIMATE FOR POND OF SIZE 90'x90'x15'

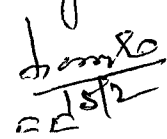
<u>S.No.</u>	<u>ITEMS OF WORK</u>	<u>Labour (Mandays)</u>	<u>Amount</u>
1	<u>Calculation of E/W</u>		
	$\frac{90'x90'+75'x75'x15'0"}{2} = 102937.50 \text{ cft}$		
	(a) Ordinary soil 50% $102937.50 = 51468.75 \text{ cft}$ @ 100 cft/ M.D = 514.68 say 515 Nos M.D.	515	
	(b) Hard soil 50% of 102937.50 cft = 51468.75 cft @ 90 cft/M.D.	572	
2	Extra for E/W for each subsequent lift of (1.0m) over the initial lift of (1.5 m)		
	1st lift $\frac{85'x85'+82'x82'}{2} x3.28' = 22876.36 \text{ cft}$ @ 1000cft /M.D. = 22.87 M.D say 23 M.D	23	
	2nd lift $\frac{82'x82'+79'x79'}{2} x3.28' = 12965 \text{ cft}$ @1000cft/2M.D. = 25.93M.D say 26 M.D.	26	
	3rd lift $\frac{79'x79'+75'x75'}{2} x3.28' = 11866 \text{ cft}$ @1000cft/3M.D = 35.598 say 36M.D	36	
	Add for clod breaking ,levelling and dressing of bank of the pond @ 1000cft/M.D $\frac{=102937.50}{1000} = 102.93 \text{ say } 103 \text{ M.D.}$	<u>103</u>	
		1275M.D	
		@76.68/M.D. Rs.	97767.00
	Add 1% contingency (+) Rs.		978.00
			98745.00

Say Rs. 98,7,50.00

J.E
R.D.S.D
Gumla


A.E
R.D.S.D
Gumla


Technically sanctioned for Rs 98,750/- (Rupees ninety eight thousand seven hundred fifty) only.


A.E


MODEL ESTIMATE FOR POND OF SIZE 100'x100'x15'

<u>S.No.</u>	<u>ITEMS OF WORK</u>	<u>Labour (Mandays)</u>	<u>Amount</u>
1	<u>Calculation of E/W</u>		
	$\frac{100' \times 100' + 85' \times 85' \times 15' 0''}{2} = 129187.50 \text{ cft}$		
	(a) Ordinary soil 50% $129187.50 = 64593.75 \text{ cft}$ @ 100 cft/ M.D = 645.93 say 646 Nos M.D.	646	
	(b) Hard soil 50% of 129187.50 cft = 64593.75 cft @ 90 cft/M.D. = 717.70 M.D. Say 718 M.D.	718	
2	Extra for E/W for each subsequent lift of (1.0m) over the initial lift of (1.5 m)		
	1st lift $\frac{95' \times 95' + 92' \times 92' \times 3.28'}{2} = 28681.96 \text{ cft}$ @ 1000cft /M.D. = 28.68 M.D say 29 M.D	29	
	2nd lift $\frac{92' \times 92' + 89' \times 89' \times 3.28'}{2} = 26871.40 \text{ cft}$ @ 1000cft/2M.D. = 53.74 M.D say 54 M.D.	54	
	3rd lift $\frac{89' \times 89' + 85' \times 85' \times 3.44'}{2} = 26051.12 \text{ cft}$ @ 1000cft/3M.D = 78 M.D	78	
	Add for clod breaking ,levelling and dressing of bank of the pond @ 1000cft/M.D $\frac{= 129187.50}{1000} = 129.1875 \text{ say } 129 \text{ M.D.}$	129	
			1654 M.D.
		@76.68/M.D. Rs.	126829.00
	Add 1% contingency (+) Rs.		1268.00
			128097.00
	Say Rs.		1,28,100.00

J.E
R.D.S.D., Gumla.


A.E
R.D.S.D., Gumla.

Technically sanctioned for Rs. 1,28,100/- (Rupees one lakh twenty eight thousand and one hundred only).


15/2/07
R.D.