

BOQ		
वार्ड सं0-20 में लभकी पोखर का सौन्दर्यीकरण।		
Abstract of Cost		
Sr.No.	Description	Amount
		724,887.00
1	Campus Development	384,827.00
2	Ghat Electrification	7,034,374.00
3	Ghat Construction	8,144,088.00
	Total Cost	

Sahni
15/2/26
APD, Son

Rabher
15/2/26
DPD, Son

St
15.02.26
PD, Son

BOQ approved accorded from serial no. 1 to 3 for Rs- 81,44,088.00
(ie, Rupees Eighty one lakhs forty four thousand and eighty eight
only.)

Shrisha
2.4.26
DPD

Shrisha
PD

Shrisha
GM

Detail Measurement:- Estimate for Pond/ Ghat Development

Sl.No	Ref No	ITEM OF WORK	Unit	Qty	Rate	Amount	Remarks
1	2.3	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth upto 30 cm measured at a height of 1 m above ground level and removal of rubbish upto a distance of 50 m outside the periphery of the area cleared.		3.04	697.40	2,120.10	100 SQm
2	2.25A	Excavating, supplying and filling of local earth (including royalty but excluding cairriage cost) by mechanical transport upto a lead of 3km also including ramming and watering of the earth in layers not exceeding 20 cm in trenches, plinth, sides of foundation etc. complete. If local earth is available at more than 3 km lead the actual lead must be approved by competent authority. cairralage of material will be paid seperately and calculated after deducting initial lead.					
		Backfilling					
				532.00	411.17	218,742.44	Cum
3	23.7	Fine dressing the ground	Ghat	3.04	208.80	634.75	100 SQm
4	20.3.1	Boring, Providing and installing cast in situ single under reamed piles of specified diametre and length, below pile cap in cement concrete piles with mix M-25 grade to carry a safe working load not less than specified, excluding the cost of steel reinforcement but including the cost of boring with bentonite solution and the length of the pile to be embedded in pile cap etc all complete. (Length of pile for payment shall be measured upto the bottom of pile cap).300 mm dia piles					
		Ghat Side		252.00	2334.40	588,268.80	Mtr
5	2.6.1	Earth work in excavation over areas (exceeding 30 cm in depth. 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m; disposed earth to be levelled and neatly dressed - All kinds of soil		49.63	314.90	15,629.12	Cum
6	2.25	Pumping out water caused by springs, tidal or river seepage, broken water mains or drains and the like.		1064.00	107.20	114,060.80	Kl
7	2.26	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth : consolidating Each deposited layer by ramming and watering lead.		21.12	123.90	2,616.77	
8	2.28	Supplying and Filling in plinth with local sand and under floors including, watering, ramming, consolidating and dressing complete.					
		filling for ghat	Cum	532.00			
				532.00	287.30	152,843.60	Cum
9	4.1.5	Providing and laying in position cement concrete of specified grade exluding the cost of centring and shuttering-all work upto plinth level - 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)					
		Ghat below		30.40	3434.00	104,393.60	Cum
10	5.33A	Providing and laying in position machine batched, machine mixed and machine vibrated design mix cement concrete of specified grade for reinforced cement concrete structural elements, excluding the cost of centring, shuttering finishing and reinforcement, M-25 grde reinforcd cement concrete					
11	5.33b.1	Providing M-25 grade R.C.C. instead of M-20 grade R.C.C.					
		Ghat Side		130.09	4921.40	640,234.77	Cum
12	5.9.6	Centering and shuttering including strutting, propping etc. and removal of form for Columns, pillars, piers, Abutments, Posts, Struts	Pile	Cum	0.00		
				0.00	494.40	-	Sqm
13	5.9.1	Centering and shuttering including strutting, propping etc. and removal of form for Foundaitons, footings, bases of columns, pile caps etc., for mass concrete.					
		PCC Shuttering for Ghat					

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		New Ghat Beam	Sqm	0.00			
		New Ghat Beam	Sqm	0.00			
				0.00	211.60	-	Sqm
14	5.9.2	Centering and shuttering including strutting, propping etc. and removal of form for Walls (any thickness) including attached pilasters. Butteresses, plinth and string courses etc.					
		Retaining wall					
				201.60	375.10	75,620.16	Sqm
15	5.9.5	Centering and shuttering including strutting, propping etc. and removal of form for Lintels, beams, plinth beams, girders, bressumers and cantillvers					
		New ghat beam					
				190.08	404.70	76,925.38	Sqm
16	5.9.7	Centering and shuttering including strutting, propping etc. and removal of form for Stairs, (excluding landings) except spiral staircases.					
		Ghat					
				99.04	439.90	43,567.70	Sqm
17	5.22.7A	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete - Thermo-Mechanically Treated bars TMTC-500 - 8mm dia.					
				2296.12	94.50	216,983.78	KG
18	5.22.7B	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete - Thermo-Mechanically Treated bars TMTC-500 - 10mm dia.					
				8890.42	92.60	823,252.64	KG
19	5.22.7C	Reinforcement for RCC work including straightening, cutting, bending, placing in position and binding all complete - Thermo-Mechanically Treated bars - TMTC-500 - 12mm dia					
		BBS Kg		12216.160			
				12216.16	90.80	1,109,227.33	KG
20	5.22.7D	Reinforcement for RCC work including straightening, cutting, bending, placing in position and binding all complete - Thermo-Mechanically Treated bars - TMT -500-16mm dia.					
		BBS Kg		3127.470			
				3127.47	91.70	286,789.04	KG
21	10.36	Providing and fixing stainless steel (Grade304) railing made of Hollow tubes,channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nut and bolts complete, i/c fixing therailing with necessary accessories &stainless steel dash fasteners , stainlesssteel boltsetc., of requiredsize, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-In-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts,fasteners etc.) @ 20kg/sqm	kg	1800.00	546.800	984,240.00	
22	11.3	40 mm thick fine dressed stone flooring over 20 mm (average) thick base with joint finished flush base 1:5 (1 cement : 5 coarse sand) - Red sand stone (size 600x300 mm)					
		Ghat Side					
		Tread	Sqm	360.00			
		Riser	Sqm	96.00			
				456.00			Sqm
23	11.30.1			273.60	849.20	232,341.12	60% Red Stone
24	11.30.2			182.40	878.60	160,256.64	40% White Stone
		Carriage of material					
	i	Local Sand	cum	638.40	310.47	198,203.51	
	ii	Coarse Sand	cum	81.29	2378.12	193,310.81	
	iii	Stone Chips	cum	139.15	2623.10	365,015.79	
	vi	Bricks	per 1000	0	1109.03	-	
		Difference cost of material					
	i	Cement	MT	55.15	967.20	53,341.08	

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ii	Bricks						
			per 1000	0	653.90	-	
		Total Cost of work					
		Total Cost with enhanced GST to 18 %				6,658,619.71	
		Seniorage Fees				7,015,331.00	
						19,042.90	
		Grand Total Cost				7,034,374.00	

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Campus Development						
S.No.	BCD 2022	Description of Items	Unit	Qty	Rate	Amount
1	2.3	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth upto 30 cm measured at a height of 1 m above ground level and removal of rubbish upto a distance of 50 m outside the periphery of the area cleared.				
		Clearing Jungle	Sqm	200.00		
				200.00		
				2.00	697.40	1,394.80
2	2.28	Supplying and Filling in plinth with local sand and under floors including, watering, ramming, consolidating and dressing complete.	Cum	20.00	287.3	5,746.00
3	11.72	Providing designation 100A one brick flat soling joints filled with local sand including cost of watering, taxes, royalty all complete as per building specification and direction of E/I.	Sqm	200.00	283.3	56,660.00
4	4.1.5	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering-all work upto plinth level 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	Cum	15.00	3434.00	51,510.00
5	5.33A	Providing and laying in position machine batched, machine mixed and machine vibrated design mix cement concrete of specified grade for reinforced cement concrete structural elements, excluding the cost of centring, shuttering finishing and reinforcement, M-25 grade reinforced cement concrete				
	5.33b.1	Providing M-25 grade R.C.C. instead of M-20 grade R.C.C.	Cum	20.00	4921.40	98,428.00
6	5.9.1	Centering and shuttering including strutting, propping etc. and removal of form for Foundations, footings, bases of columns, pile caps etc., for mass concrete.	sqm	20.00	211.6	4,232.00
7	11.26	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete. Base with 1:1:1 (1 lime : 1 surkhi : 1 coarse sand) / 1:4 (1 cement : 4 coarse sand)				
	11.26.1	20 to 25 mm thick -	sqm	200.00	1252.7	250,540.00
	BCD Horticulture 2022					
8	23.1	Trenching in ordinary soil upto a depth of 60 cm including removal and stacking of serviceable materials and then disposing of by spreading and neatly levelling within a lead of 50 m and making up the trenched area to proper levels by filling with earth or earth mixed with sludge of /and manure before and after flooding trench with water (including cost of imported earth, sludge or manure).	sqm	200.00	44.7	8,940.00
9	23.2	Supplying and stacking of good earth at site including royalty but excluding carriage (earth measured in stacks will be reduced by 20% for payment).	cum	60.00	143.5	8,610.00
10	23.3	Supplying and stacking Sludge at site including royalty and carriage (Sludge measured in stacks will be reduced by 8% for payment).	cum	60.00	282.6	16,956.00
11	23.6	Uprooting weeds from the trenched area after 10 to 15 days of its flooding with water including disposal of uprooted vegetation.	100 sqm	200.00	283.2	566.40
12	23.8	Spreading of sludge dump manure or /and good earth in required thickness (Cost of sludge, dump manure or /and good earth to be paid separately).	cum	60.00	30.1	1,806.00
13	23.1	Grassing with 'Doob' grass including watering and maintenance of the lawn for 30 days or more till the grass forms a thick lawn free from weeds and fit for mowing including supplying good earth if needed.				
	23.10.2	In rows 7.5 cm apart in either direction.	100 sqm	200.00	670.8	1,341.60
14	23.15	Half brick circular tree guard in 50 class designation bricks, internal diameter 1.25 metre and height 1.7 metre above ground and 0.20 m below ground bottom two courses laid dry and top three courses in lime mortar 1:2 (1 lime putty: 2 surkhi) or cement mortar 1:6 (1 cement: 6 fine sand) and the intermediate courses being in dry honey comb masonry as per design complete:				
	23.15.1	With F.P.S. Bricks	each	5	1647.6	8,238.00
15	23.19	Edging with bricks laid dry length wise including excavation, refilling, consolidating with hand packing and spreading neatly surplus earth within a lead of 50 m:				
	23.19.1	100A class designation.				
	23.19.1.1	F.P.S.Bricks	m	100.00	40.9	4,090.00

16	DSR Horti 2020 3.4	Providing and displaying of Aglaonema Dove variety Plant, having ht. 30 cm to 45 cm with 8 to 10 leaves, well developed, fresh and healthy in 25 cm size of Earthen pot/Plastic pot & as per direction of the officer-in-charge	Each	10.00	87.5	875.00
17	DSR Horti 2020 7.78	Providing and stacking of Pterospermum acerifolium (Kanak Champa) of height 150-165 cm. In big poly bags of size 25 cm as per direction of the officer-in-charge	Each	10.00	65	650.00
18	DSR Horti 2020 7.81	Providing and stacking of Schleichera trijuga (Kusum) of height 150-165 cm. In big poly bags of size 25 cm as per direction of the officer-in-charge.	Each	10.00	70	700.00
19	DSR Horti 2020 4.92	Providing and Displaying Creeper Rose variety 3 to 4 healthy branch 60 cm and above ht. well developed with one and above flowers in 25 cm Earthen Pot, as per direction of the officer-in charge.	Each	10.00	74	740.00
20	DSR Horti 2020 4.40	Providing and Displaying Marigold (Tagetes) Inca hybrid different colour having 30 cm and above ht., with 6 to 8 flowers in bloom & blooming condition, well developed pot should be fully covered with fresh and healthy, foliage and flowers in 20 cm Earthen Pot/Plastic Pot and as per direction of the officer-in-charge.	Each	10.00	63	630.00
21	DSR Horti 2020 4.38	Providing and Displaying Marigold Jaffri french orange/yellow/Russet colour well developed with fresh & healthy foliage with 60 to 75 flowers in bloom specimen plant 60 to 75 cm ht in 30 cm Earthen Pot/Plastic Pot and as per direction of the officer-in-charge.	Each	10.00	107.65	1,076.50
22		Carriage of material	Cum	23.00	310.47	7,140.79
		Local Sand	Cum	20.69	2378.12	49,193.83
		Coarse Sand	Cum	31.10	2623.10	81,578.50
		Stone Chips	Per 1000	6450	1109.03	7,153.23
		Bricks				-
		Difference Cost of Material	Per 1000	6450	653.90	4,217.66
		Bricks	MT	12.32	967.20	11,915.90
		Cement				
						519,058.80
		Total Cost of BCD Item				546,880.00
		Total Cost of BCD Items with enhanced GST (A)				4,671.50
		Total Cost of DSR Horticulture				5,567.49
		Total Cost of DSR horticulture with 18 % GST and 1 % Cess (B)				161,199.91
		Carriage Cost				169,840.23
		Carriage Cost with Enhanced GST C				2,599.03
		Seniorage Fees D				724,887.00
		Total Cost of work = (A+B+C+D)				

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