

Integrated Surface Water Management for Climate Change Adaptation in U.T. of Puducherry

**Estimates for rejuvenation of 39 village ponds in Puducherry region under
National Adaptation Fund for Climate Change**

Volume - III

Prepared by

Agriculture Department and

Local Administration Department

Puducherry



Government of Puducherry

Department of Science, Technology and Environment

Contents

Abstract on cost estimates for 39 Village Ponds	1
Estimate of 4 ponds completed by Agriculture Department in already approved 32 Village Ponds	5
Pond 1: Rejuvenation of the Sudukadu kulam at Thiruvandarkoil village in Mannadipet Commune Panchayat.....	6
Pond 2: Rejuvenation of the Ayyanarkoil kulam at Embalam Revenue Village in Nettapakkam Commune Panchayat	7
Pond 3: Rejuvenation of the Ural kulam (Near Burial ground) at Maducarai village in Nettapakkam Commune Panchayat	8
Pond 4: Rejuvenation of the Iyyanarkoil kulam at Sanniyasikuppam village in Mannadipet Commune Panchayat.....	9
Estimate of 25 ponds taken by Commune Panchayats of LAD in already approved 32 Village Ponds	10
Pond 1: Rejuvenation of the Iyyanarkoil kulam at Kunichempet village.....	11
Pond 2: Rejuvenation of the Mangkulam at Andiarpalayam village.....	16
Pond 3: Rejuvenation of the Gingee kulam at Manalipet village	20
Pond 4: Rejuvenation of the Sudukadu kulam at Thiruvandarkoil village.....	25
Pond 5: Rejuvenation of the Ayyanarkoil Kulam at Embalam Revenue village.....	29
Pond 6: Rejuvenation of the Pidari kulam at Maducarai Village in Nettapakkam Commune	33
Pond 7: Rejuvenation of the Ural Kulam (near burial ground) at Maducarai Village.....	37
Pond 8: Rejuvenation of the Kulam at Sembiapalayam Village	43
Pond 9: Rejuvenation of the Vella Kulam at Embalam Revenue Village.....	48
Pond 10: Rejuvenation of the Kannimar Kulam at karickalampakkam Village.....	53
Pond 11: Rejuvenation of the Thirukanchi Kulam at Villanur Commune	57
Pond 12: Rejuvenation of the Eswaran Kulam at Seliamedu in Bahour Commune.....	59
Pond 13: Rejuvenation of the Thangal Kulam at Kudiyirupallayam in Bahour Commune.	62
Pond14: Rejuvenation of the Oral kulam, Pillaiyarkuppam village, Embalam Constituency.....	65
Pond 15: Rejuvenation of the Uthu kulam at Kunichempet village	68
Pond 16: Rejuvenation of the Velan kulam at Kunichempet village.....	75
Pond 17: Rejuvenation of the Aripkan kulam at Sorapet village	84
Pond 18: Rejuvenation of the Kalkatti kulam at Sompert village.....	89
Pond 19: Rejuvenation of the Ayyanarkoil kulam at Sompert village	95
Pond 20: Rejuvenation of the Theertha kulam at Vadhanur village.....	105
Pond 21: Construction of bathing ghat and desilting the Thamarai kulam (Muthal Kulam) at Bahour..	111
Pond 22 : Rejuvenation of the Attaikulam in Kuruvinatham	116
Pond 23: Rejuvenation and deepening of Andhamozhi Iyyanarpan Kulam at Nirnayapet	121
Pond 24: Rejuvenation and deepening of Vinayagarkoil kulam at Pinnatchikuppam.....	126
Pond 25: Rejuvenation and deepening of Thamarai Kulam at Aranganur	131

Estimate of Newly proposed 13 Village Ponds taken by Commune Panchayats of LAD	134
Pond1: Rejuvenation of the Sevithu Ural Kuttai at Thirubuvanai village (Phase-I)	134
Pond 2: Rejuvenation of the Panamattai kulam at Vinayagampet.....	136
Pond 3: Rejuvenation of the Perumal koil Kuttai at Suthukeny village	137
Pond 4: Rejuvenation of the Kanagan Kuttai at Kunichempet village.....	139
Pond 5: Rejuvenation of the Kannia kulam at Suthukeny village	141
Pond 6: Rejuvenation of (Pana Kuzhi pallam) Oral Kulam at Pillayarkuppam	143
Pond 7: Rejuvenation of Iyyanar Kulam at Vambupet Village.....	145
Pond 8: Rejuvenation of the Iyyanar Kulam at Kaduvanur.....	147
Pond 9: Rejuvenation of the Iyyanarkoil Kulam in Kuruvinatham.	149
Pond 10: Rejuvenation of the Kuttai (R.S.No. 85/5) at Nettapakkam.....	150
Pond 11: Rejuvenation of Pidari kulam (R.S.No. 92/4) at Nettapakkam	152
Pond 12: Rejuvenation of Retti kulam Pond at Veerampattinam in Ariyankuppam Commune	154
Pond 13: Rejuvenation of Krishnamachariyar kulam at Abishegapakkam in Ariyankuppam Commune	156

Abstract on cost estimates for 39 Village Ponds

Sl. No.	Name of tanks	Existing/ New Pond	Completed / In Progress/ To be Taken up	Executing Entities	Revised Estimate amount (in Rupees)
1.	Rejuvenation of the Iyyanarkoil kulam at Kunichempet village in Mannadipet Commune Panchayat	Existing Pond	Completed	Commune Panchayat	1,28,020/-
2.	Rejuvenation of the Mangkulam at K.Andiarpalayam village in Mannadipet Commune Panchayat	Existing Pond	Completed	Commune Panchayat	82,156/-
3.	Rejuvenation of the Gingee kulam at Manalipet village in Mannadipet Commune Panchayat	Existing Pond	Completed	Commune Panchayat	1,11,000/-
4.	Rejuvenation of the Sudukadu kulam at Thiruvandarkoil village in Mannadipet Commune Panchayat	Existing Pond	Completed	Agriculture Dept. & Commune Panchayat	8,78,705/-
5.	Rejuvenation of the Ayyanarkoil kulam at Embalam Revenue Village in Nettapakkam Commune Panchayat	Existing Pond	Completed	Agriculture Dept. & Commune Panchayat	12,71,939/-
6.	Rejuvenation of the Pidari kulam at Maducarai village in Nettapakkam Commune Panchayat	Existing Pond	Completed	Commune Panchayat	1,26,600/-
7.	Rejuvenation of the Ural kulam (Near Burial ground) at Maducarai village in Nettapakkam Commune Panchayat	Existing Pond	Completed	Agriculture Dept. & Commune Panchayat	12,64,845/-
8.	Rejuvenation of the kulam at Sembiapalayam in Embalam Revenue Village in Nettapakkam Commune Panchayat	Existing Pond	Completed	Commune Panchayat	13,64,017/-
9.	Rejuvenation of the Vella kulam in Embalam Revenue Village in Nettapakkam Commune Panchayat	Existing Pond	Completed	Commune Panchayat	14,33,086/-
10.	Rejuvenation of the Kannimar kulam at Karickalampakkam Revenue Village in Nettapakkam Commune Panchayat	Existing Pond	Completed	Commune Panchayat	1,47,360/-
11.	Rejuvenation of the Thirukanchi kulam at Thirukanchi in Villianur Commune Panchayat	Existing Pond	Completed	Commune Panchayat	3,53,568/-
12.	Rejuvenation of the Eswaran kulam at Seliamedu in Bahour Commune Panchayat	Existing Pond	Completed	Commune Panchayat	58,800/-
13.	Rejuvenation of the Thangal kulam at Kudiyiruppupalayam in Bahour Commune Panchayat	Existing Pond	Completed	Commune Panchayat	11,62,048/-

14.	Construction of Revetment for Oral Kulam Vaikkal and attending repair work around the pond at Oral kulam Pillayarkuppam Puducherry Embalam constituency.	Existing Pond	Completed	Commune Panchayat	2,79,828/-
15.	Rejuvenation of the Iyyanarkoil kulam at Sanniyasikuppam village in Mannadipet Commune Panchayat	Existing Pond	Completed	Agriculture Dept.	1,41,418/-
16.	Rejuvenation of the Uthu kulam at Kunichempet village in Mannadipet Commune Panchayat	Existing Pond	In Progress	Commune Panchayat	3,25,700/-
17.	Rejuvenation of the Velan kulam at Kunichempet village in Mannadipet Commune Panchayat	Existing Pond	In Progress	Commune Panchayat	6,32,600/-
18.	Rejuvenation of the Aripkan kulam at Sorapet village in Mannadipet Commune Panchayat	Existing Pond	In Progress	Commune Panchayat	1,83,100/-
19.	Rejuvenation of the Kalkatti kulam at Sompet village in Mannadipet Commune Panchayat	Existing Pond	In Progress	Commune Panchayat	3,42,600/-
20.	Rejuvenation of the Iyyarnarkoil kulam at Sompet village in Mannadipet Commune Panchayat	Existing Pond	In Progress	Commune Panchayat	6,58,700/-
21.	Rejuvenation of the Theertha kulam at Vadhanur village in Mannadipet Commune Panchayat	Existing Pond	In Progress	Commune Panchayat	4,30,900/-
22.	Construction of Bathing ghat and revetment to the Thamarai kulam (Muthal kulam) pond at Bahour in Bahour Commune Panchayat	Existing Pond	In Progress	Commune Panchayat	5,74,100/-
23.	Rejuvenation of the Attaikulam at Kuruvinatham in Bahour Commune Panchayat	Existing Pond	In Progress	Commune Panchayat	3,05,400/-
24.	Rejuvenation of the Andhamozhi Iyyanarpan Kulam at Nirnayapet in Bahour Commune Panchayat	Existing Pond	In Progress	Commune Panchayat	5,49,600/-
25.	Rejuvenation of the Vinayagarkoil kulam at Pinnatchikuppam in Bahour Commune Panchayat	Existing Pond	In Progress	Commune Panchayat	2,60,200/-
26.	Rejuvenation of the Thamarai kulam at Aranganur in Bahour Commune Panchayat	Existing Pond	In Progress	Commune Panchayat	4,46,700/-
27.	Rejuvenation of the Sevithu Ural Kuttai at Thirubuvanai	New Pond	To be Taken up	Commune Panchayat	5,66,402/-
28.	Rejuvenation of the Pana mattai Kuttai at Vinayagampet	New Pond	To be Taken up	Commune Panchayat	1,99,600/-
29.	Rejuvenation of the Perumal koil Kuttai at Suthukeny	New Pond	To be Taken up	Commune Panchayat	2,86,600/-
30.	Rejuvenation of the Kanagan Kuttai at Kunichempet	New Pond	To be Taken up	Commune Panchayat	2,22,300/-
31.	Rejuvenation of the Kannia kulam at Suthukeny	New Pond	To be Taken up	Commune Panchayat	1,97,000/-

32.	Rejuvenation of the Ural kulam (Panakuzhi Pallam) at Pillaiyarkuppam	New Pond	To be Taken up	Commune Panchayat	307200/-
33.	Rejuvenation of the Iyyanarkoil kulam at Vambupet	New Pond	To be Taken up	Commune Panchayat	3,20,600/-
34.	Rejuvenation of the Iyyanar kulam at Kaduvanur	New Pond	To be Taken up	Commune Panchayat	349700/-
35.	Rejuvenation of the Deepening of Iyyanarkoil kulam at Kuruvintham	New Pond	To be Taken up	Commune Panchayat	549000/-
36.	Rejuvenation of the Kuttai at Nettapakkam	New Pond	To be Taken up	Commune Panchayat	1,26,000/-
37.	Rejuvenation of the Pidari kulam at Nettapakkam	New Pond	To be Taken up	Commune Panchayat	4,68,000/-
38.	Rejuvenation of the Retti kulam at Veerampattinam	New Pond	To be Taken up	Commune Panchayat	1,71,400/-
39.	Rejuvenation of the Krishnamachariyar kulam at Abishegapakkam	New Pond	To be Taken up	Commune Panchayat	4,88,000/-
Total project cost (Rs)					1,77,64,792/-

List of 6 nos. of dropped Ponds:

Sl. No	Name of the ponds	Approved Estimate Cost
1	Rejuvenation of the Thamarai kulam at Kunichempet village in Mannadipet Commune Panchayat	14,95,000/-
2	Rejuvenation of the Sethi kulam Thirubuvanai Village in Mannadipet Commune Panchayat	14,95,000/-
3	Rejuvenation of the Kaliyatha Kuttai at Sanniyasikuppam village in Mannadipet Commune Panchayat	11,50,000/-
4	Rejuvenation of the Pandri Kuttai kulam at Manamedu in Bahour Commune Panchayat	15,00,000/-
5	Rejuvenation of the Thamarai kulam at Adhingapet in Bahour Commune Panchayat	15,00,000/-
6	Rejuvenation of the Oral Kulam at Kirumampakkam village in Bahour Commune Panchayat	15,00,000/-
	Total	86,40,000/-

Overall Abstract of Project Cost:

Project Components	Approved DPR cost	Cost involved for the completed 15 nos. of Ponds	Revised estimate amount for 11 nos. of already approved Ponds	Amount required for the Alternate / New 13 nos. of Ponds	Revised DPR Cost (4+5+6)	Total savings available in sanctioned amount (3-7)
2	3	4	5	6	7	8
Rejuvenation of Village Ponds	4,80,00,000	88,03,390	47,09,600	42,51,802	1,77,64,792	3,02,35,208

REVISED PROJECT COST - Rs.1,77,64,792/-

**Estimate of 4 ponds completed by Agriculture Department in already
approved 32 Village Ponds**

Pond 1: Rejuvenation of the Sudukadu kulam at Thiruvandarkoil village in Mannadipet Commune Panchayat

Sl. no.	Description of item	Revised proposal / Estimate				
		Qty	Unit	Rate	Per	Amount
1	Code No:2.31: Clearing jungle including uprooting of rank vegetation, grass, brushwood, trees and saplings of girth upto 30cm measured at a height of 1m above ground level and removal of rubbish upto a distance of 50m outside the periphery of the area cleared.	3050.00	m ²	5.389	1m ²	16436
2	Code No:30.5: Earth work in rough excavation and dressing up in embankment by using machinery for roads, flood banks, marginal banks and guide banks or filling up ground depression within a initial lead of 50m and lift upto 6.0m in all kinds of soil(Payment shall be made based on levels).	1003.84	m ³	34.67	1 m ³	34803
3	Code No: 19.6.5: Providing and laying non-pressure NP2 class (light duty) RCC pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement: 2 fine sand) including testing of joints etc, complete-450mm dia RCC pipe.	26.00	Rmt.	1184.467	1 Rmt.	30796
	Sub Total					82035
4	Add V.A.T @ 0.70%					575
5	Add Service Charges @ 12.50%					10326
	Total					92937

Pond 2: Rejuvenation of the Ayyanarkoil kulam at Embalam Revenue Village in Nettapakkam Commune Panchayat

Sl. no.	Description of item	Revised proposal / Estimate				
		Qty	Unit	Rate	Per	Amount
1	Code No:2.31: Clearing jungle including uprooting of rank vegetation, grass, brushwood, trees and saplings of girth upto 30cm measured at a height of 1m above ground level and removal of rubbish upto a distance of 50m outside the periphery of the area cleared.	4050.00	m ²	4.44	1m ²	17982
2	Code No:30.5: Earth work in rough excavation and dressing up in embankment by using machinery for roads, flood banks, marginal banks and guide banks or filling up ground depression within a initial lead of 50m and lift upto 6.0m in all kinds of soil(Payment shall be made based on levels).	2321.69	m ³	28.55	1 m ³	66284
3	Code No: 19.6.5: Providing and laying non-pressure NP2 class (light duty) RCC pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1cement: 2 fine sand) including testing of joints etc, complete-450mm dia RCC pipe.	32	Rmt.	975.44	1 Rmt.	31214
	Sub Total					115480
4	Add V.A.T @ 0.70%					808
5	Add Service Charges @ 12.50%					14536
	Total					130824

Pond 3: Rejuvenation of the Ural kulam (Near Burial ground) at Maducarai village in Nettapakkam Commune Panchayat

Sl. no.	Description of item	Revised proposal / Estimate				
		Qty	Unit	Rate	Per	Amount
1	Code No:2.31: Clearing jungle including uprooting of rank vegetation, grass, brushwood, trees and saplings of girth upto 30cm measured at a height of 1m above ground level and removal of rubbish upto a distance of 50m outside the periphery of the area cleared.	4945.00	m ²	4.438	1m ²	21946
2	Code No:30.5: Earth work in rough excavation and dressing up in embankment by using machinery for roads, flood banks, marginal banks and guide banks or filling up ground depression within a initial lead of 50m and lift upto 6.0m in all kinds of soil(Payment shall be made based on levels).	2156.32	m ³	28.553	1 m ³	61569
	Sub Total					83515
3	Add V.A.T @ 0.70%					585
4	Add Service Charges @ 12.50%					10513
	Total					94613

Pond 4: Rejuvenation of the Iyyanarkoil kulam at Sanniyasikuppam village in Mannadipet Commune Panchayat

Sl. no.	Description of item	Revised proposal / Estimate				
		Qty	Unit	Rate	Per	Amount
1	Code No:2.31: Clearing jungle including uprooting of rank vegetation, grass, brushwood, trees and saplings of girth upto 30cm measured at a height of 1m above ground level and removal of rubbish upto a distance of 50m outside the periphery of the area cleared.	2520.00	m ²	4.439	1m ²	11186
2	Code No:30.5: Earth work in rough excavation and dressing up in embankment by using machinery for roads, flood banks, marginal banks and guide banks or filling up ground depression within a initial lead of 50m and lift upto 6.0m in all kinds of soil(Payment shall be made based on levels).	3297.00	m ³	28.552	1 m ³	94136
3	Code No: 19.6.5: Providing and laying non-pressure NP2 class (light duty) RCC pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement: 2 fine sand) including testing of joints etc, complete-450mm dia RCC pipe.	20.00	Rmt.	975.44	1 Rmt.	19509
	Sub Total					124831
4	Add V.A.T @ 0.70%					874
5	Add Service Charges @ 12.50%					15713
	Total					141418

**Estimate of 25 ponds taken by Commune Panchayats of LAD in
already approved 32 Village Ponds**

Pond 1: Rejuvenation of the Iyyanarkoil kulam at Kunichempet village

Sl. No.	Sub heads and Item of work	As per existing DPR					Revised Proposal / Estimate					Difference	Remarks
		Qty	Unit	Rate	Per	Amount	Qty	Unit	Rate	Per	Amount		
1.	Code No:2.31: Clearing jungle including uprooting of rank Vegetation, grass, brushwood, trees and saplings of girth upto 30cm measured at a height of 1m above ground level and removal of rubbish upto a distance of 50m outside the periphery of the area cleared.	3880.00	m ²	6.34	1m ²	24599	3880.00	m ²	5.00	1m ²	15520	-9079	work completed
2.	Code No:30.5: Earth work in rough excavation and dressing up in embankment by using machinery for roads, flood banks, marginal banks and guide banks or filling up ground depression within a initial lead of 50m and lift upto 6.0m in all kinds of soil (Payment shall be made based on levels).	2250.00	m ³	40.79	1m ³	107074	2250.00	m ³	30.00	1m ³	67500	-24278	work completed
3.	Code: No:14.23: Pumping out water caused by springs, tidal or river seepage, brocken water mains or drains and the like.	300.00	Kl	103.80	1Kl	31140	300.00	Kl	50.00	1Kl	15000	-16140	work completed
4.	Code No:2.8.1: Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan)including dressing of sides and ramming of bottoms, lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed , within a lead of 50m -All kinds of soil.	133.00	m ³	226.87	1 m ³	30174	0.00	-	0.00	-	0.00	-30174	Work dropped
5.	Code No:2.27: Supplying and filling in plinth with sand under floors including, watering, ramming consolidating and dressing complete.	1.00	m ³	1,603.96	1 m ³	1604	0.00	-	0.00	-	0.00	-1604	Work dropped

6.	Code No: 4.1.10: Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering.- All work upto plinth level - 1:5:10 (1 cement:5coarse sand : 10 graded stone aggregate 40mm nominal size)	22.00	m ³	3,856.18	1 m ³	84836	0.00	-	0.00	-	0.00	-84836	Work dropped
7.	Code No: 4.1.3: Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering.- All work upto plinth level - 1:2:4 (1 cement: 2 coarse sand : 4 graded stone aggregate 20mm nominal size)	2.00	m ³	5,533.67	1 m ³	11067	0.00	-	0.00	-	0.00	-11067	Work dropped
8.	Code No: 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:3coarse sand : 6 graded stone aggregate 20mm nominal size)	180.00	m ³	4,809.83	1 m ³	865769	0.00	-	0.00	-	0.00	-865769	Work dropped
9.	Code No: 4.3.1: Centring and shuttering, including strutting propping etc and removal of formwork for foundations, footings, bases of columns:- Using steel sheet with M.S frames.	684.00	m ²	271.80	1 m ²	185911	0.00	-	0.00	-	0.00	-185911	Work dropped
10.	Code No: 33.27.1.1: Drilling of borewell anywhere in Pondicherry including transportation in alluvial soil, sedimentary strata of clay, sand stone, shale, pebbles, boulders, etc. by first taking a pilot bore of 140mm/150mm/200mm and then enlarging to required dia by direct or reverse rotary mud circulation method, including fuel, labour for drilling, bentonite mud, water required for drilling at the site, construction of mud pit (water available within a lead of 1.5Km) using rotary rig. -Upto 60 mts depth ending below ground level.	24.00	m	747.70	1m	17945	0.00	-	0.00	-	0	-17945	Work dropped
11.	Code No: 33.27.3.1: Reaming from 200 mm dia pilot bore to 350mm dia bore. Upto 60 mts depth ending below ground	24.00	m	211.10	1m	5066	0.00	-	0.00	-	0	-5066	Work dropped

	level												
12.	Code No: 30.29: Supplying and lowering of UPVC 150mm dia Plain casing pipe confirming to IS. 12818-1992 with relevant amendments with class designation CM and with minimum wall thickness of 7.5mm as per I.S.Code into the bore well with proper vertical alignments etc. Including the cost of materials, but excluding the cost of labour for positioning the assembly for lowering purpose using contractor's rig.	24.00	Rmt	1,001.49	1Rmt	24036	0.00	-	0.00	-	0.00	-24036	Work dropped
13.	Code No: 30.30: Extra for providing 3mm slots in 150mm dia. UPVC casing pipes.	24.00	Rmt	54.26	1Rmt	1302	0.00	-	0.00	-	0.00	-1302	Work dropped
14.	Code No: 30.28: Providing and fixing UPVC top cover suitable for 150mm dia pipe. The rate to include the cost of cover, transportation to site and fixing in position.	1.00	Nos	249.38	1No	249	0.00	-	0.00	-	0.00	-249	Work dropped
15.	Code No: 33.27.11: Supplying transportation and packing of 8mm size down gauge-graded pebbles including filling the annular space gradually complete. The pebbles disintegrated pieces should be free from any disintegrated pieces.	4.00	m ³	2,965.39	1 m ³	11862	0.00	-	0.00	-	0.00	-11862	Work dropped
16.	Code No: 33.27.5: Charges for developing the borewells with air compressor of 600 CFM capacity (minimum 8 hours) including transportation labour and fuel charges for compressor and conducting yield test by "V" Notch methods.	8.00	hrs	1,101.10	1 hrs	8809	0.00	-	0.00	-	0.00	-8809	Work dropped
17.	Code No: 30.8: Providing and fixing 110mm dia PVC pipe (4kg/cm ²) in weep holes including cement concrete 1:5:10 (1 cement: 5 coarse sand:10 graded stone aggregate) and filling of pebbles etc., as directed by the Engineer-in-charge.	170.00	m	207.28	1m	35238	0.00	-	0.00	-	0.00	-35238	Work dropped
18.	Code No: 30.27A: Providing and fixing cement concrete rings of 900mm dia,300mm height and 40mm thick in	5.00	Nos	285.84	1No	1429	0.00	-	0.00	-	0.00	-1429	Work dropped

	1:2:4 (one cement, two sand and four 12mm HBG metal) and provided with nominal reinforcement. The rate to include the cost of cement concrete rings, transportation to site, labour for erection, fixing with cement mortar 1:3 (one cement and three sand) all complete.												
19.	Non PSR Item: Providing and fixing cement concrete rings of 1200mm dia,300mm height and 50mm wall thickness in C.C 1:2:4 (one cement, two sand and four 12mm HBG metal) with or without slots in the walls and provided with nominal reinforcement. The rate to include the cost of cement concrete rings, transportation to site, labour and erection, fixing with cement mortar 1:3 (one cement: three sand) all complete (Rate approved by SE Vide Ltr.No.: 5973/PWS/SE-II/A6,dt: 06.10.2009)	5.00	Nos	750.00	1No	3750	0.00	-	0.00	-	0.00	-3750	Work dropped
20.	Code No: 31.161.1G: Providing, laying and jointing UPVC pipes (Finolex/Jain) (0.6 Mpa) conforming to IS specification 4985 and ISI marked including transportation to the site, lowering to the trenches, laying to proper grade and alignment, testing of joints with required testing equipment, including cost of solvent cement, excluding UPVC specials such as bends, tees, threaded pieces, couplers, reducer, endcaps etc., complete all as per IS and CPWD specification. - 140mm dia.	2.00	m	529.70	1m	1059	0.00	-	0.00	-	0	-1,059	Item dropped
21.	Code No: 31.171.1J: Providing and fixing in position UPVC moulded endcap (Finolex/Jain) (0.6 Mpa) conforming to IS 7834 part II and ISI Marked,including labour charges for jointing, jointing materials etc, complete - 140mm dia	1.00	Nos	197.13	1No	197	0.00	-	0.00	-	0	-197	Item dropped

22.	Code No: 30.32: Providing and fixing netlon mesh	1.00	m ²	339.80	1 m ²	340	0.00	-	0.00	-	0.00	-340	Work dropped	
23.	Code No: 19.6.5: Providing and laying non-pressure NP2 class (light duty) RCC pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement: 2 fine sand) including testing of joints etc, complete-450mm dia RCC pipe.	20.00	m	1,393.49	1m	27870	20.00	m	1500.00	1rmt	30000	2130	work to be executed	
						Total	1466030					128020	-1338010	
24.	Add V.A.T @ 0.70%						10262					-	-10262	
25.	Contingencies @ 0.50%						8708					-	-8708	
						Grand Amount	1485000					128020	-1356980	

Pond 2: Rejuvenation of the Mangkulam at Andiarpalayam village

Sl. no.	Description of item	As per existing DPR					Revised proposal / Estimate					Difference	Remarks
		Qty	Unit	Rate	Per	Amount	Qty	Unit	Rate	Per	Amount		
1	Code No: 2.8.1: Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50m -All kinds of soil.	144.00	m ³	226.87	1 m ³	32669	0.00	-	0.00	-	0	-32,669	Item dropped
2	Code No: 2.27: Supplying and filling in plinth with sand under floors including, watering, ramming consolidating and dressing complete.	0.20	m ³	1,603.96	1 m ³	321	0.00	-	0.00	-	0	-321	Item dropped
3	Code No: 4.1.3: Providing and laying in position cement concrete of specified grade excluding the cost of cantering and shuttering.- All work upto plinth level -1:2:4 (1 cement: 2 coarse sand : 4 graded stone aggregate 20mm nominal size)	2.00	m ³	5,533.67	1 m ³	11067	0.00	-	0.00	-	0	-11,067	Item dropped
4	Code No: 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 20mm nominal)	195.00	m ³	4,809.83	1 m ³	937917	0.00	-	0.00	-	0	-9,37,917	Item dropped
5	Code No: 4.1.10: Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering.- All work upto plinth level -1:5:10 (1 cement:5coarse sand : 10 graded stone aggregate 40mm nominal size)	24.00	m ³	3,856.18	1 m ³	92548	0.00	-	0.00	-	0	-92,548	Item dropped
6	Code No: 4.3.1: Centring and shuttering, including strutting propping etc and removal of Formwork for foundations, footings, bases of columns: - Using steel sheet with M.S frames.	741.00	m ²	271.80	1 m ³	201404	0.00	-	0.00	-	0	-2,01,404	Item dropped

7	Code No:30.5: Earth work in rough excavation and dressing up in embankment by using machinery for roads, flood banks, marginal banks and guide banks or filling up ground depression within a initial lead of 50m and lift upto 6.0m in all kinds of soil (Payment shall be made based on levels).	2162.00	m ³	40.79	1m ³	88188	2162.00	m ³	38.00	1m ³	82156	-6,032	Work completed
8	Code No: 30.8: Providing and fixing 110mm dia PVC pipe (4kg/cm ²) in weep holes including cement concrete 1:5:10 (1 cement : 5 coarse sand:10 graded stone aggregate) and filling of pebbles etc., as directed by the Engineer-in-charge.	194.00	m	207.28	1m	40212	0.00	-	0.00	-	0	-40,212	Item dropped
9	Code No: 30.27A: Providing and fixing cement concrete rings of 900mm dia,300mm height and 40mm thick in 1:2:4 (one cement, two sand and four 12mm HBG metal) and provided with nominal reinforcement. The rate to include the cost of cement concrete rings, transportation to site, labour for erection, fixing with cement mortar 1:3 (one cement and threesand) all complete.	5.00	Nos	285.84	1No	1429	0.00	-	0.00	-	0	-1,429	Item dropped
10	Code No: 30.28: Providing and fixing UPVC top cover suitable for 150mm dia pipe. The rate to include the cost of cover, transportation to site and fixing in position.	1.00	Nos	249.38	1No	249	0.00	-	0.00	-	0	-249	Item dropped
11	Code No: 30.29: Supplying and lowering of UPVC 150mm dia Plain casing pipe conforming to IS. 12818-1992 with relevant amendments with class designation CM and with minimum wall thickness of 7.5mm as per I.S.Code into the bore well with proper vertical alignments etc. Including the cost of materials, but excluding the cost of labour for positioning the assembly for lowering purpose using contractor's rig.	24.00	Rmt	1,001.41	1Rmt	24034	0.00	-	0.00	-	0	-24,034	Item dropped
12	Code No: 30.30: Extra for providing 3mm slots in 150mm dia. UPVC casing pipes.	24.00	Rmt	54.26	1Rmt	1302	0.00	-	0.00	-	0	-1,302	Item dropped
13	Code No: 30.32: Providing and fixing netlon mesh	1.00	m ²	339.80	1 m ²	340	0.00	-	0.00	-	0	-340	Item dropped

14	Code No: 31.161.1G: Providing, laying and jointing UPVC pipes (Finolex/Jain) (0.6 Mpa) conforming to IS specification 4985 and ISI marked including transportation to the site, lowering to the trenches, laying to proper grade and alignment, testing of joints with required testing equipment, including cost of solvent cement, excluding UPVC specials such as bends, tees, threaded pieces, couplers, reducer, endcaps etc., complete all as per IS and CPWD specification. - 140mm dia.	2.00	m	529.70	1m	1059	0.00	-	0.00	-	0	-1,059	Item dropped
15	Code No: 31.171.1J: Providing and fixing in position UPVC moulded endcap (Finolex/Jain) (0.6 Mpa) conforming to IS 7834 part II and ISI Marked,including labour charges for jointing, jointing materials etc, complete - 140mm dia	1.00	Nos	197.13	1No	197	0.00	-	0.00	-	0	-197	Item dropped
16	Code No: 33.27.1.1: Drilling of borewell anywhere in Pondicherry including transportation in alluvial soil, sedimentary strata of clay, sand stone, shale, pebbles, boulders, etc. by first taking a pilot bore of 140mm/150mm/200mm and then enlarging to required dia by direct or reverse rotary mud circulation method, including fuel, labour for drilling, bentonite mud, water required for drilling at the site, construction of mud pit (water available within a lead of 1.5Km) using rotary rig. -Upto 60 mts depth ending below ground level.	24.00	m	747.70	1m	17945	0.00	-	0.00	-	0	-17,945	Item dropped
17	Code No: 33.27.3.1: Reaming from 200 mm dia pilot bore to 350mm dia bore. Upto 60 mts depth ending below ground level	24.00	m	211.10	1m	5066	0.00	-	0.00	-	0	-5,066	Item dropped
18	Code No: 33.27.5: Charges for developing the borewells with air compressor of 600 CFM capacity (minimum 8 hours) including transportation labour and fuel charges for compressor and conducting yield test by "V" Notch methods.	8.00	hrs	1,101.10	1hrs	8809	0.00	-	0.00	-	0	-8,809	Item dropped

19	Code No: 33.27.11: Supplying transportation and packing of 8mm size down gauge-graded pebbles including filling the annular space gradually complete. The pebbles disintegrated pieces should be free from any disintegrated pieces.	3.50	m ³	2,965.39	1 m3	10379	0.00	-	0.00	-	0	-10,379	Item dropped
20	Non PSR Item: Providing and fixing cement concrete rings of 1200mm dia,300mm height and 50mm wall thickness in C.C 1:2:4 (one cement, two sand and four 12mm HBG metal) with or without slots in the walls and provided with nominal reinforcement. The rate to include the cost of cement concrete rings, transportation to site, labour and erection, fixing with cement mortar 1:3 (one cement: three sand) all complete. Rate approved by SE videLtr.No.5973/PWS/SE-II/A6,dt:06.10.2009	5.00	Nos	750.00	1No	3750	0.00	-	0.00	-	0	-3,750	Item dropped
						Total	14,78,887				82156	-13,96,731	
21	Add V.A.T @ 0.70%						10,352				-	-10,352	
22	Contingencies @ 0.50%						7,761				-	-7,761	
						Grand Amount	14,97,000				82156	-14,14,844	

Pond 3: Rejuvenation of the Gingee kulam at Manalipet village

Sl. No.	Sub heads and Item of work	As per existing DPR					Revised Proposal / Estimate					Difference	Remarks
		Qty	Unit	Rate	Per	Amount	Qty	Unit	Rate	Per	Amount		
1	Code No:30.5: Earth work in rough excavation and dressing up in embankment by using machinery for roads, flood banks, marginal banks and guide banks or filling up ground depression within a initial lead of 50m and lift upto 6.0m in all kinds of soil (Payment shall be made based on levels).	2700.00	m ³	40.79	1m ³	110133	2700.00	m ³	30.00	1m ³	81000	-29133	Work completed
2	Code No: 2.8.1: Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50m -All kinds of soil.	140.00	m ³	226.87	1 m ³	31762	0.00	-	0.00	-	0	-31762	Item dropped
3	Code No: 2.27: Supplying and filling in plinth with sand under floors including, watering, ramming consolidating and dressing complete.	1.00	m ³	1,603.96	1 m ³	1604	0.00	-	0.00	-	0	-1604	Item dropped
4	Code No: 4.1.10: Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level - 1:5:10 (1 cement:5 coarse sand: 10 graded stone aggregate 40mm nominal size)	23.00	m ³	3,856.18	1 m ³	88692	0.00	-	0.00	-	0	-88692	Item dropped
5	Code No: 4.1.3: Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering.- All work upto plinth level - 1:2:4 (1 cement:2coarse sand: 4 graded	2.00	m ³	5,533.67	1 m ³	11067	0.00	-	0.00	-	0	-11067	Item dropped

	stone aggregate 20mm nominal size)												
6	Code No: 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:3coarse sand: 6 graded stone aggregate 20mm nominal size)	185.00	m ³	4,809.83	1 m ³	889819	0.00	-	0.00	-	0	-889819	Item dropped
7	Code No: 4.3.1: Centring and shuttering, including strutting propping etc and removal of formwork for foundations, footings, bases of columns: - Using steel sheet with M.S frames.	703.00	m ²	271.80	1 m ³	191075	0.00	-	0.00	-	0	-191075	Item dropped
8	Code No: 33.27.1.1: Drilling of borewell anywhere in Pondicherry including transportation in alluvial soil, sedimentary strata of clay, sand stone, shale, pebbles, boulders etc. by first taking a pilot bore of 140mm/150mm /200mm and then enlarging to required dia by direct or reverse rotary mud circulation method, including fuel, labour for drilling, bentonite mud, water required for drilling at the site, construction of mud pit (water available within a lead of 1.5Km) using rotary rig. -Upto 60 mts depth ending below ground level.	24.00	m	747.70	1m	17945	0.00	-	0.00	-	0	-17945	Item dropped
9	Code No: 33.27.3.1: Reaming from 200 mm dia pilot bore to 350mm dia bore. Upto 60 mts depth ending below ground level.	24.00	m	211.10	1m	5066	0.00	-	0.00	-	0	-5066	Item dropped
10	Code No: 30.29: Supplying and lowering of UPVC 150mm dia Plain casing pipe conforming to IS. 12818-1992 with relevant amendments with class designation CM and with minimum wall thickness of 7.5mm as per I.S.Code into the bore well with proper vertical alignments etc. Including the cost of materials, but excluding the	24.00	Rmt	1,001.49	1Rmt	24036	0.00	-	0.00	-	0	-24036	Item dropped

	cost of labour for positioning the assembly for lowering purpose using contractor's rig.												
11	Code No: 30.30: Extra for providing 3mm slots in 150mm dia. UPVC casing pipes.	24.00	Rmt	54.26	1Rmt	1302	0.00	-	0.00	-	0	-1302	Item dropped
12	Code No: 30.28: Providing and fixing UPVC top cover suitable for 150mm dia pipe. The rate to include the cost of cover, transportation to site and fixing in position.	1.00	Nos	249.38	1No	249	0.00	-	0.00	-	0	-249	Item dropped
13	Code No: 33.27.11: Supplying transportation and packing of 8mm size down gauge-graded pebbles including filling the annular space gradually complete. The pebbles disintegrated pieces should be free from any disintegrated pieces.	4.00	m ³	2,965.39	1 m ³	11862	0.00	-	0.00	-	0	-11862	Item dropped
14	Code No: 33.27.5: Charges for developing the borewells with air compressor of 600 CFM capacity (min 8 hrs) including transportation labour and fuel charges for compressor and conducting yield test by "V" Notch methods.	8.00	hrs	1,101.10	1 hrs	8809	0.00	-	0.00	-	0	-8809	Item dropped
15	Code No: 30.8: Providing and fixing 110mm dia PVC pipe (4kg/cm ²) in weep holes including cement concrete 1:5:10 (1 cement: 5 coarse sand:10 graded stone aggregate) and filling of pebbles etc., as directed by the Engineer-in-charge.	170.00	m	207.28	1m	35238	0.00	-	0.00	-	0	-35238	Item dropped
16	Code No: 30.27A: Providing and fixing cement concrete rings of 900mm dia,300mm height and 40mm thick in 1:2:4 (one cement, two sand and four 12mm HBG metal) and provided with nominal reinforcement. The rate to include the cost of cement concrete rings, transportation to site, labour for	5.00	Nos	285.84	1No	1429	0.00	-	0.00	-	0	-1429	Item dropped

	erection, fixing with cement mortar 1:3 (one cement and three sand) all complete.												
17	Non PSR Item: Providing and fixing cement concrete rings of 1200mm dia,300mm height and 50mm wall thickness in C.C 1:2:4 (one cement, two sand and four 12mm HBG metal) with or without slots in the walls and provided with nominal reinforcement. The rate to include the cost of cement concrete rings,transportation to site, labour and erection, fixing with cement mortar 1:3 (one cement:three sand) all complete (Rate approved by SE Vide Ltr.No.5973/PWS/SE-II/A6, dt:06.10.2009)	5.00	Nos	750.00	1No	3750	0.00	-	0.00	-	0	-3750	Item dropped
18	Code No: 31.161.1G: Providing, laying and jointing UPVC pipes (Finolex/Jain) (0.6 Mpa) conforming to IS specification 4985 and ISI marked including transportation to the site, lowering to the trenches, laying to proper grade and alignment, testing of joints with required testing equipment, including cost of solvent cement, excluding UPVC specials such as bends, tees, threaded pieces, couplers, reducer, endcaps etc., complete all as per IS and CPWD specification. - 140mm dia.	2.00	m	529.70	1m	1059	0.00	-	0.00	-	0	-1059	Item dropped
19	Code No: 31.171.1J: Providing and fixing in position UPVC moulded endcap (Finolex/Jain) (0.6 Mpa) conforming to IS 7834 part II and ISI Marked,including labour charges for jointing, jointing materials etc, complete - 140mm dia	1.00	Nos	197.13	1No	197	0.00	-	0.00	-	0	-197	Item dropped
20	Code No: 30.32: Providing and fixing netlon mesh	1.00	m ²	339.80	1 m ²	340	0.00	-	0.00	-	0	-340	Item dropped

21	Code No: 19.6.5: Providing and laying non pressure NP2 class (light duty) RCC pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement: 2 fine sand) including testing of joints etc complete - 450mm dia RCC pipe.	20.00	m	1,393.49	1Rmt	27870	20.00	m	1,500.00	1Rmt	30000	2130	Item to be executed
						Total	14,633,04				111000	-1352304	
22	Add V.A.T @ 0.70%						10,243				-	-10243	
23	Contingencies @ 0.50%						6,453				-	-6453	
						Grand Amount	14,80,000				111000	-1369000	

Pond 4: Rejuvenation of the Sudukadu kulam at Thiruvandarkoil village

Sl. no.	Description of item	As per existing DPR					Revised proposal / Estimate					Difference	Remarks
		Qty	Unit	Rate	Per	Amount	Qty	Unit	Rate	Per	Amount		
1	Code No: 2.31: Clearing jungle including uprooting of rank vegetation, grass, brushwood, trees and saplings of girth upto 30cm measured at a height of 1m above ground level and removal of rubbish upto a distance of 50m outside the periphery of the area cleared.	225.00	m ²	6.34	1m ²	1427	225.00	m ²	5.00	1m ²	1125	-302	Work completed
2	Code No: 2.8.1: Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50m -All kinds of soil.	109.00	m ³	226.87	1 m ³	24729	108.90	m ³	100.00	1 m ³	10890	-13839	Work completed
3	Code No: 2.27: Supplying and filling in plinth with sand under floors including, watering, ramming consolidating and dressing complete.	0.20	m ³	1,603.96	1 m ³	321	0.00	0.00	0.00	0.00	0	-321	Item dropped
4	Code No: 4.1.3: Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering.- All work upto plinth level - 1:2:4 (1 cement:2coarse sand: 4 graded stone aggregate 20mm nominal size)	2.00	m ³	5,533.67	1 m ³	11067	0.00	0.00	0.00	0.00	0	-11067	Item dropped
5	Code No: 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:3coarse sand : 6 graded stone aggregate 20mm nominal size)	146.00	m ³	4,809.83	1 m ³	702235	113.89	m ³	5,600.00	1 m ³	637784	-64451	Work completed
6	Code No: 4.1.10: Providing and laying in position cement concrete of specified grade	18.00	m ³	3,856.18	1 m ³	69411	14.81	m ³	3,500.00	1 m ³	51835	-17576	Work completed

	excluding the cost of centring and shuttering.- All work upto plinth level - 1:5:10 (1 cement:5coarse sand: 10 graded stone aggregate 40mm nominal size)												
7	Code No: 4.3.1: Centring and shuttering, including strutting propping etc and removal of formwork for foundations, footings, bases of columns: - Using steel sheet with M.S frames.	555.00	m ²	271.80	1 m ³	150849	420.67	m ²	200.00	1 m ³	84134	-66715	Work completed
8	Code No: 30.8: Providing and fixing 110mm dia PVC pipe (4kg/cm ²) in weep holes including cement concrete 1:5:10 (1 cement : 5 coarse sand:10 graded stone aggregate) and filling of pebbles etc., as directed by the Engineer-in-charge.	122.00	m	207.28	1m	25288	0.00	0.00	0.00	0.00	0	-25288	Item dropped
9	Code No: 30.27A: Providing and fixing cement concrete rings of 900mm dia,300mm height and 40mm thick in 1:2:4 (one cement, two sand and four 12mm HBG metal) and provided with nominal reinforcement. The rate to include the cost of cement concrete rings, transportation to site, labour for erection, fixing with cement mortar 1:3 (one cement and three sand) all complete.	5.00	Nos	285.84	1No	1429	0.00	0.00	0.00	0.00	0	-1429	Item dropped
10	Code No: 30.28: Providing and fixing UPVC top cover suitable for 150mm dia pipe. The rate to include the cost of cover, transportation to site and fixing in position.	1.00	Nos	249.38	1No	249	0.00	0.00	0.00	0.00	0	-249	Item dropped
11	Code No: 30.29: Supplying and lowering of UPVC 150mm dia Plain casing pipe conforming to IS. 12818-1992 with relevant amendments with class designation CM and with minimum wall thickness of 7.5mm as per I.S.Code into the bore well with proper vertical alignments etc. Including the cost of materials, but excluding the cost of labour for positioning the assembly for lowering purpose using contractor's rig.	24.00	Rmt	1,001.41	1Rmt	24034	0.00	0.00	0.00	0.00	0	-24034	Item dropped

12	Code No: 30.30: Extra for providing 3mm slots in 150mm dia. UPVC casing pipes.	24.00	Rmt	54.26	1Rmt	1302	0.00	0.00	0.00	0.00	0	-1302	Item dropped
13	Code No: 30.32: Providing and fixing netlon mesh	1.00	m ²	339.80	1 m ²	340	0.00	0.00	0.00	0.00	0	-340	Item dropped
14	Code No: 31.161.1G: Providing, laying and jointing UPVC pipes(Finolex/Jain) (0.6 Mpa) conforming to IS specification 4985 and ISI marked including transportation to the site, lowering to the trenches, laying to proper grade and alignment, testing of joints with required testing equipment, including cost of solvent cement, excluding UPVC specials such as bends, tees, threaded pieces, couplers, reducer, endcaps etc., complete all as per IS and CPWD specification. - 140mm dia.	2.00	m	529.70	1m	1059	0.00	0.00	0.00	0.00	0	-1059	Item dropped
15	Code No: 31.171.1J: Providing and fixing in position UPVC moulded endcap (Finolex/Jain) (0.6 Mpa) conforming to IS 7834 part II and ISI Marked,including labour charges for jointing, jointing materials etc, complete - 140mm dia	1.00	Nos	197.13	1No	197	0.00	0.00	0.00	0.00	0	-197	Item dropped
16	Code No: 33.27.1.1: Drilling of borewell anywhere in Pondicherry including transportation in alluvial soil, sedimentary strata of clay, sandstone, shale, pebbles, boulders etc. by first taking a pilot bore of 140mm/150mm/ 200mm and then enlarging to required dia by direct or reverse rotary mud circulation method, including fuel, labour for drilling, bentonite mud, water required for drilling at the site, construction of mud pit (water available within a lead of 1.5Km) using rotary rig. -Upto 60 mts depth ending below ground level.	24.00	m	747.70	1m	17945	0.00	0.00	0.00	0.00	0	-17945	Item dropped
17	Code No: 33.27.3.1: Reaming from 200 mm dia pilot bore to 350mm dia bore. Upto 60 mts depth ending below ground level	24.00	m	211.10	1m	5066	0.00	0.00	0.00	0.00	0	-5066	Item dropped
18	Code No: 33.27.5: Charges for developing the borewells with air compressor of 600	8.00	hrs	1,101.10	1 m3	8809	0.00	0.00	0.00	0.00	0	-8809	Item dropped

	CFM capacity (minimum 8 hours) including transportation labour and fuel charges for compressor and conducting yield test by "V" Notch methods.												
19	Code No: 33.27.11: Supplying transportation and packing of 8mm size down gauge-graded pebbles including filling the annular space gradually complete. The pebbles disintegrated pieces should be free from any disintegrated pieces.	3.50	m ³	2,965.39	1 m3	10379	0.00	0.00	0.00	0.00	0	-10379	Item dropped
20	Non PSR Item : Providing and fixing cement concrete rings of 1200mm dia, 300mm height and 50mm wall thickness in C.C 1:2:4 (one cement, two sand and four 12mm HBG metal) with or without slots in the walls and provided with nominal reinforcement. The rate to include the cost of cement concrete rings, transportation to site, labour and erection, fixing with cement mortar 1:3 (one cement:three sand) all complete (Rate approved by SE Vide Ltr.No.5973/PWS/SE-II/A6,dt:06.10.2009)	5.00	Nos	750.00	1No	3750	0.00	0.00	0.00	0.00	0	-3750	Item dropped
						Total	10,59,887				785768	-2,74,119	
21	Add V.A.T @ 0.70%						7419				-	-7,419	
22	Contingencies @ 0.50%						5694				0	-5.694	
						Grand Amount	1073000				785768	-2,87,232	

Pond 5: Rejuvenation of the Ayyanarkoil Kulam at Embalam Revenue village

Sl. No	Activity	As Per existing DPR				Revised Proposal / estimate				Difference (+)excess/ (-)savings)	Reason for Difference
		Qty	Rate	Unit	Amount	Qty	Rate	Unit	Amount		
1	Code: No: 33.27.1.1: Drilling of borewell anywhere in Pondicherry including transportation in alluvial soil, sedimentary strata of clay, sand stone, shale, pebbles, boulders etc. by first taking a pilot bore of 140mm / 150mm / 200mm and then enlarging to required dia by direct or reverse rotary mud circulation method, including fuel, labour for drilling, bentonite mud, water required for drilling at the site, construction of mud pit (water available within a lead of 1.5Km) using rotary rig. -Upto 60 mts depth ending below ground level.	50.00	747.70	Rmt	37385.00	48.00	747.00	Rmt	35856.00	-1529.00	As per the executed qty
2	Code: No: 33.27.3.1: Reaming from 200 mm dia pilot bore to 350mm dia bore. Upto 60 mts depth ending below ground level	50.00	211.10	mts	10555.00	48.00	211.00	mts	10128.00	-427.00	As per the executed qty
3	Code: No: 30.29: Supplying and lowering of UPVC 150mm dia Plain casing pipe confirming to IS. 12818-1992 with relevant amendments with class designation CM and with minimum wall thickness of 7.5mm as per I.S.Code into the bore well with proper vertical alignments etc. Including the cost of materials, but excluding the cost of labour for positioning the assembly for lowering purpose using contractor's rig.	50.00	1001.49	Rmt	50075.00	48.00	1001.00	Rmt	48048.00	-2027.00	As per the executed qty
4	Code No: 30.3: Extra for providing 3mm slots in 150mm dia. UPVC casing pipes.	50.00	54.26	Rmt	2713.00	42.00	54.00	Rmt	2268.00	-445.00	As per the executed qty
5	Code No: 30.28: Providing and fixing UPVC top cover suitable for 150mm dia pipe. The rate to include the cost of cover, transportation to site and fixing in position.	2.00	249.38	each	499.00	2.00	249.00	each	498.00	-1.00	As per the executed qty
6	Code No: Supplying transportation and packing of 8mm size down gauge-graded pebbles including filling the annular space	7.00	2965.39	cum	20758.00	4.90	2965.00	cum	14529.00	-6229.00	As per the executed qty

	gradually complete. The pebbles disintegrated pieces should be free from any disintegrated pieces.										
7	Code No :33.27.5: Charges for developing the borewells with air compressor of 600 CFM capacity (minimum 8 hours) including transportation labour and fuel charges for compressor and conducting yield test by "V" Notch methods.	20.00	1101.10	Rmt	22022.00	20.00	1101.00	Rmt	22020.00	-2.00	As per the executed qty
8	Code No :30.8: Providing and fixing 110mm dia PVC pipe (4kg/cm ²) in weep holes including cement concrete 1:5:10 (1 cement: 5 coarse sand:10 graded stone aggregate) and filling of pebbles etc., as directed by the Engineer-in-charge.	141.50	207.28	Rmt	29330.00	0.00	0.00	Rmt	0.00	-29330.00	As per the executed qty
9	Code No :30.27A: Providing and fixing cement concrete rings of 900mm dia,300mm height and 40mm thick in 1:2:4 (one cement, two sand and four 12mm HBG metal) and provided with nominal reinforcement. The rate to include the cost of cement concrete rings, transportation to site, labour for erection, fixing with cement mortar 1:3 (one cement and three sand) all complete.	10.00	285.84	Nos	2858.00	10.00	285.00	Nos	2850.00	-8.00	As per the executed qty
10	Code No: Providing and fixing cement concrete rings of 1200mm dia, 300mm height and 50mm wall thickness in C.C 1:2:4 (one cement, two sand and four 12mm HBG metal) with or without slots in the walls and provided with nominal reinforcement. The rate to include the cost of cement concrete rings, transportation to site, labour and erection, fixing with cement mortar 1:3 (one cement: three sand) all complete (Rate approved by SE Vide Ltr.No.5973/PWS/SE-II/A6,dt:06.10.2009)	10.00	750.00	Nos	7500.00	10.00	750.00	Nos	7500.00	0.00	As per the executed qty
11	Code No: 31.161.1G: Providing, laying and jointing UPVC pipes (Finolex/Jain) (0.6 Mpa) conforming to IS specification 4985 and ISI marked including transportation to	4.00	529.70	Rmt	2119.00	3.00	529.00	Rmt	1587.00	-532.00	As per the executed qty

	the site, lowering to the trenches, laying to proper grade and alignment, testing of joints with required testing equipment, including cost of solvent cement, excluding UPVC specials such as bends, tees, threaded eces, couplers, reducer, endcaps etc., complete all as per IS and CPWD specification. - 140mm dia.										
12	Code No :31.171.1J: Providing and fixing in position UPVC moulded endcap (Finolex/Jain) (0.6 Mpa) conforming to IS 7834 part II and ISI Marked, including labour charges for jointing, jointing materials etc, complete-140mm dia	2.00	197.13	Nos	394.00	2.00	197.00	Nos	394.00	0.00	As per the executed qty
13	Code No :30.32: Providing and fixing netlon mesh	2.00	339.80	sqm	680.00	1.06	339.00	sqm	359.00	-321.00	As per the executed qty
14	Code No :19.6.5: Providing and laying non pressure NP2 class (light duty) RCC pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement: 2 fine sand) including testing of joints etc, complete - 450mm dia RCC pipe.	20.00	1393.49	Rmt	27870.00	0.00	0.00	Rmt	0.00	-27870.00	As per the executed qty
15	Code No: 2.8.1: Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50m - All kinds of soil.	94.24	226.87	Cum	21380.00	89.90	226.00	Cum	20317.00	-1063.00	As per the executed qty
16	Code No:4.1.10: Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering.- All work upto plinth level - 1:5:10 (1 cement: 5coarse sand : 10 graded stone aggregate 40mm nominal size)	15.04	3856.18	Cum	57997.00	14.79	4100.00	Cum	0060639.	2642.00	As per the executed qty
17	Code No:4.1.5: Providing and laying in position cement concrete of specified grade excluding the cost of centring and	122.02	4809.83	Cum	586895.00	120.58	5300.00	Cum	639074.00	52179.00	As per the executed qty

	shuttering.- All work upto plinth level -1:3:6 (1 cement:3coarse sand : 6 graded stone aggregate 20mm nominal size)										
18	Code No:4.1.3: Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering.- All work upto plinth level -1:2:4 (1 cement:2coarse sand : 4 graded stone aggregate 20mm nominal size)	3.50	5533.67	Cum	19368.00	0.94	5700.00	Cum	5369.00	-13999.00	As per the executed qty
19	Code No: Centring and shuttering, including strutting propping etc and removal of formwork for foundations, footings, bases of columns: - Using steel sheet with M.S frames.	464.60	444.15	Sqm	206352.00	460.62	450.00	Sqm	207279.00	927	As per the executed qty
20	Code No: 14.23: Pumping out water caused by springs, tidal or river seepage, broken water mains or drains and the like.	700.00	103.88	Kl	72716.00	600.00	104.00	Kl	62400.00	10316	As per the executed qty
					11,79,466.00				11,41,115.00	-38,351.00	
21	Add addl. VAT @0.70%				8,256.00				0.00	-8256.00	
22	PS and contingencies L.S				2,278.00				0.00	-2278.00	
					11,90,000.00				11,41,115.00	-48,885.00	

Pond 6: Rejuvenation of the Pidari kulam at Maducarai Village in Nettapakkam Commune

Sl. No.	Activity	As Per existing DPR				Revised Proposal / Estimate				Difference (+)excess/ (-)savings)	Reason for Difference
		Qty	Rate	Unit	Amount	Qty	Rate	Unit	Amount		
1	Code :No: 30.5: Earth work in rough excavation and dressing up in embankment by using machinery for roads, flood banks, marginal banks and guide banks or filling up ground depression within an initial lead of 50m and lift upto 6.0m in all kinds of soil (Payment shall be made based on levels).	1690.00	40.79	Cum	68935.00	2532.00	50.00	sqm	126600.00	57665	As per the executed qty
2	Non-PSR: Boring of specified diameter using approved drilling method to the required depth on ordinary soil /Loose soil / Sandy soil /silt of clay pocket from natural formed riverbed level including bentonite mud circulation of approved specific gravity. The Cost shall include removal of waste bore mud from the silt with all lead and lift upto 1000m as directed by the Engineer -in Charge . The rate shall also includes all machineries required for boring genset., skilled a labour etc., bore Diameter - 1200 mm (Rate as approved by SE vide letter. no. 5973/PW/SE.II/A6/ date 06.10.2009	45.00	5405.06	metre	243228.00	-	-	-	0.00	-243228.00	Item Dropped
3	Code :No: 33.27.7: Supplying of UPVC plain casing pipe for borewells (FINOLEX / JAIN) conforming to I.S. 12818 -1992 with relevant amendments with class designation 'CM' and with minimum wall thickness 10mm including transportation and stocking at site -200mm	27.00	1790.37	metre	48340.00	-	-	-	0.00	-48340.00	Item Dropped
4	Code :No: 33.27.8: Supplying of UPVC ribbed screen slotted pipe for borewells (FINOLEX / JAIN) conforming to IS 12818 - 1992 with relevant amendments with class designation 'RS' and with minimum wall thickness 10mm including transportation and stocking at site - 200mm dia	18.00	2130.36	metre	38346.00	-	-	-	0.00	-38346.00	Item Dropped
5	Code :No: 30.27.10: Lowering of UPVC plain casing pipe/ribbed screen slotted pipes	45.00	73.54	mts	3309.00	-	-	-	0.00	-3309.00	Item Dropped

	into the borewell including cost of cleaning material, fixing of M.S centring guide size of 25mm x 3mm thick suitable for 200mm dia UPVC pipe, including cost of labour for positioning of assembly for lowering purpose using rig.										
6	Code: No: 33.27.13: Providing and fixing M.S. top cover suitable for UPVC pipes including the cost of materials etc.	2.00	409.92	Nos	820.00	-	-	-	0.00	-820.00	Item Dropped
7	Code: No: 33.27.13: Providing and fixing of UPVC End Cap embedded in M.S. Cone suitable for UPVC casing pipe including the cost of materials and labour for jointing.	2.00	1073.02	Nos	2146.00	-	-	-	0.00	-2146.00	Item Dropped
8	Code: No:30.27.11: Supplying transportation and packing of 8mm size down gauge-graded pebbles including filling the annular space gradually complete. The pebbles should be free from any disintegrated pieces.	54.00	2965.39	cum	160131.00	-	-	-	0.00	-160131.00	Item Dropped
9	Code: No:33.27.5: Charges for developing the borewells with air compressor of 600 CFM capacity (minimum 8 hours) including transportation labour and fuel charges for compressor and conducting yield test by “V” Notch methods.	10.00	1101.10	Hrs	11011.00	-	-	-	0.00	-11011.00	Item Dropped
10	Providing and fixing cement concrete rings of 1800mm dia , 300mm height and 50mm wall thickness in cc 1:2:4 (one cement, two sand, and four 12mm HBG metal) with or without slots in the walls and provided with nominal reinforcement. The rate to include the cost of cement concrete rings, transportation to site, labour and erection, fixing with cement mortar 1:3 (one cement and three sand) all complete (Rate as per data)	6.00	1065.00	Nos	6390.00	-	-	-	0.00	-6390.00	Item Dropped
11	Code: No:2.8.1: Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5m, including	108.50	226.87	Cum	24615.00	-	-	-	0.00	-24615.00	Item Dropped

	getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50m - All kinds of soil.										
12	Code : No:4.1.10: Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering.- All work upto plinth level -1:5:10 (1 cement:5coarse sand : 10 graded stone aggregate 40mm nominal size)	36.00	3856.18	Cum	138822.00	-	-	-	0.00	-138822.00	Item Dropped
13	Code : No: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:3coarse sand : 6 graded stone aggregate 20mm nominal size)	63.00	4809.83	Cum	303019.00	-	-	-	0.00	-303019.00	Item Dropped
14	Code : No:4.1.3: Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering.- All work upto plinth level -1:2:4 (1 cement:2coarse sand : 4 graded stone aggregate 20mm nominal size)	12.00	5533.67	Cum	66404.00	-	-	-	0.00	-66404.00	Item Dropped
15	Code: No:4.3.2: Centring shuttering including strutting, propping etc. and removal of formwork for: Retaining walls, return walls, walls including attached pilasters, buttresses plinth and string courses fillets etc.- Using steel sheet with M.S. frames (any thickness)	400.00	444.15	Sqm	177660.00	-	-	-	0.00	-177660.00	Item Dropped
16	Code: No:13.1.1: 12mm cement plaster of mix : cement motor 1:4 (one cement : 4 fine sand	220.00	181.19	Sqm	39862.00	-	-	-	0.00	-39862.00	Item Dropped
17	Code: No:7.1.1: Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand: 12 graded stone aggregate 20mm nominal size) at plinth level with cement mortar1:6 (1 cement: 6 coarse sand).	12.50	3771.04	Cum	47138.00	-	-	-	0.00	-47138.00	Item Dropped
18	Code: No:33.24: Supplying and stacking of hard stone (for stone pitching) 22.5 cm thick at site.	30.50	1205.64	Cum	36772.00	-	-	-	0.00	-36772.00	Item Dropped

19	Code: No:33.25A: Dry stone pitching 22.5 cm thick laid in courses and required profile with hammer dressed stones having no side less than 15 cm, with minimum depth of 20 cm including preparing the bedding surface etc. all complete. (Excluding cost of stone)	135.00	275.84	Sqm	37238.00	-	-	-	0.00	-37238.00	Item Dropped
20	Code: No: 33.26.1: 75mm thick back filling for pitching including supplying of required materials etc. complete with moorum.	135.00	47.46	Sqm	6407.00	-	-	-	0.00	-6407.00	Item Dropped
Total					1460593.00				126600.00	-1333993.00	
21	Add addl VAT @0.70%				10224.00				0.00	-10224.00	
22	Add for testing charges				10000.00				0.00	-10000.00	
23	PS and contingencies. L.S				9183.00				0.00	-9183.00	
Grand Total					1490000.00				126600.00	-1363400.00	

Pond 7: Rejuvenation of the Ural Kulam (near burial ground) at Maducarai Village.

Sl. No.	Activity	As per existing DPR				Revised Proposal / Estimate				Difference (+)excess/ (-)savings)	Reason for Difference
		Qty	Rate	Unit	Amount	Qty	Rate	Unit	Amount		
1	Code :No: 30.5: Earth work in rough excavation and dressing up in embankment by using machinery for roads, flood banks, marginal banks and guide banks or filling up ground depression with in a initial lead of 50m and lift upto 6.0m in all kinds of soil (Payment shall be made based on levels).	130.0	40.79	Cum	5303.00	730.0	30.0	Cum	21900.0	-16597.00	As per the executed qty
2	Non-PSR: Boring of specified diameter using approved drilling method to the required depth on ordinary soil /Loose soil / Sandy soil /silt of clay pocket from natural formed riverbed level including bentonite mud circulation of approved specific gravity. The Cost shall include removal of waste bore mud from the site with all lead and lift upto 1000m as directed by the Engineer -in Charge . The rate shall also includes all machineries required for boring genset ., skilled labour etc., bore Diameter - 1200 mm (Rate as approved by SE/ vide letter. no. 5973/PW/SE.II/A6/ date 06.10.2009	22.50	5405.06	metre	121614.00	-	-	-	0.00	-121614.00	Item Dropped
3	Code :No: 33.27.7 : Supplying of UPVC plain casing pipe for borewells (FINOLEX / JAIN) conforming to I.S. 12818 -1992 with relevant amendments with class designation 'CM' and with minimum wall thickness 10mm including transportation and stocking at site - 200mm	13.50	1790.37	metre	24170.00	-	-	-	0.00	-24170.00	Item Dropped
4	Code :No: 33.27.8 : Supplying of UPVC ribbed screen slotted pipe for borewells (FINOLEX / JAIN) conforming to IS 12818 -1992 with relevant amendments	9.00	2130.36	metre	19173.00	-	-	-	0.00	-19173.00	Item Dropped

	with class designation 'RS' and with minimum wall thickness 10mm including transportation and stocking at site - 200mm dia										
5	Code :No: 30.27.10 : Lowering of UPVC plain casing pipe/ribbed screen slotted pipes into the borewell including cost of cleaning material, fixing of M.S centring guide size of 25mm x 3mm thick suitable for 200mm dia UPVC pipe, including cost of labour for positioning of assembly for lowering purpose using rig.	9.00	73.54	mts	662.00	-	-	-	0.00	-662.00	Item Dropped
6	Code: No: 33.27.13: Providing and fixing M.S. top cover suitable for UPVC pipes including the cost of materials etc.	1.00	409.92	Nos	410.00	-	-	-	0.00	-410.00	Item Dropped
7	Code: No: 33.27.13: Providing and fixing of UPVC End Cap embedded in M.S. Cone suitable for UPVC casing pipe including the cost of materials and labour for jointing.	1.00	1073.02	Nos	1073.00	-	-	-	0.00	-1073.00	Item Dropped
8	Code: No: 30.27.11: Supplying transportation and packing of 8mm size down gauge-graded pebbles including filling the annular space gradually complete. The pebbles disintegrated pieces. Should be free from any disintegrated pieces.	27.00	2965.39	cum	80066.00	5.30	3000.00	cum	15900.00	-64166.00	As per the executed qty
9	Code : No:33.27.5: Charges for developing the borewells with air compressor of 600 CFM capacity (minimum 8 hours) including transportation labour and fuel charges for compressor and conducting yield test by "V" Notch methods.	5.00	1101.10	Hrs	5506.00	16.00	1200.00	Hrs	19200.00	13694.00	As per the executed qty
10	Providing and fixing cement concrete rings of 1800mm dia , 300mm height and 50mm wall thickness in cc 1:2:4 (one cement, two sand, and four 12mm HBG metal) with or without slots in the walls and provided with nominal reinforcement.	3.00	1065.00	Nos	3195.00	-	-	-	0.00	-3195.00	As per the executed qty

	The rate to include the cost of cement concrete rings, transportation to site, labour and erection, fixing with cement motor 1:3 (one cement and three sand) all complete (Rate as per data)										
11	Code: No: 2.8.1: Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50m -All kinds of soil.	122.00	226.87	Cum	27678.00	124.65	200.00	Cum	24930.00	-2748.00	As per the executed qty
12	Code : No:4.1.10: Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering.- All work upto plinth level - 1:5:10 (1 cement:5coarse sand : 10 graded stone aggregate 40mm nominal size)	35.00	3856.18	Cum	134966.00	36.73	4500.00	Cum	165285.00	30319.00	As per the executed qty
13	Code : No: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:3coarse sand : 6 graded stone aggregate 20mm nominal size)	90.50	4809.83	Cum	435290.00	90.92	5500.00	Cum	500060.00	64770.00	As per the executed qty
14	Code : No:4.1.3: Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering.- All work upto plinth level - 1:2:4 (1 cement:2coarse sand : 4 graded stone aggregate 20mm nominal size)	6.00	5533.67	Cum	33202.00	7.20	6000.00	Cum	43200.00	9998.00	As per the executed qty
15	Code: No:4.3.2: Centring shuttering including strutting, propping etc. and removal of formwork for: Retaining walls, return walls, walls including attached pilasters, buttresses plinth and string courses fillets etc.- Using steel	525.00	444.15	Sqm	233179.00	529.97	390.00	Sqm	206688.00	-26491.00	As per the executed qty

	sheet with M.S.frames(any thickness)										
16	Code : No:13.1.1: 12mm cement plaster of mix : cement motor 1:4 (one cement : 4 fine sand	241.00	181.19	Sqm	43667.00	266.24	200.00	Sqm	53248.00	9581.00	As per the executed qty
17	Code: No: 33.27.1.1 Drilling of borewell anywhere in Pondicherry including transportation in alluvial soil, sedimentary strata of clay, sand stone, shale, pebbles, boulders etc. by first taking a pilot bore of 140mm / 150mm / 200mm and then enlarging to required dia by direct or reverse rotary mud circulation method, including fuel, labour for drilling, bentonite mud, water required for drilling at the site, construction of mud pit (water available within a lead of 1.5Km) using rotary rig. -Upto 60 mts depth ending below ground level.	-	-	-	0.00	48.0	800.0	Rmt	38400.0	38400.00	As per the executed qty
18	Code: No: 33.27.3.1 Reaming from 200 mm dia pilot bore to 350mm dia bore. Upto 60 mts depth ending below ground level	-	-	-	0.00	48.0	220.0	mts	10560.0	10560.00	As per the executed qty
19	Code: No: 30.29: Supplying and lowering of UPVC 150mm dia Plain casing pipe confirming to IS. 12818-1992 with relevant amendments with class designation CM and with minimum wall thickness of 7.5mm as per I.S.Code into the bore well with proper vertical alignments etc. Including the cost of materials, but excluding the cost of labour for positioning the assembly for lowering purpose using contractor's rig.	-	-	-	0.00	48.0	1100.0	Rmt	52800.0	52800.00	As per the executed qty
20	Code: No: 30.3 Extra for providing 3mm slots in 150mm dia. UPVC casing pipes.	-	-	-	0.00	48.0	50.0	Rmt	2400.0	2400.00	As per the executed qty
21	Code: No: 30.28: Providing and fixing UPVC top cover suitable for 150mm dia pipe. The rate to include the cost of cover, transportation to site and fixing in position.	-	-	-	0.00	2.0	300.0	each	600.0	600.00	As per the executed qty

22	Code : No:30.27A :Providing and fixing cement concrete rings of 900mm dia,300mm height and 40mm thick in 1:2:4 (one cement, two sand and four 12mm HBG metal) and provided with nominal reinforcement. The rate to include the cost of cement concrete rings, transportation to site, labour for erection, fixing with cement mortar 1:3 (one cement and three sand) all complete.	-	-	-	0.00	10.0	300.0	Nos	3000.0	3000.00	As per the executed qty
23	Code : No:NPSR :Providing and fixing cement concrete rings of 1200mm dia,300mm height and 50mm wall thickness in C.C 1:2:4 (one cement, two sand and four 12mm HBG metal) with or without slots in the walls and provided with nominal reinforcement. The rate to include the cost of cement concrete rings, transportation to site, labour and erection, fixing with cement mortar 1:3 (one cement: three sand) all complete (Rate approved by SE Vide Ltr.No.5973/PWS/SE-II/A6,dt:06.10.2009)	-	-	-	0.00	10.0	500.0	Nos	5000.0	5000.00	As per the executed qty
24	Code: No: 31.161.1G Providing, laying and jointing UPVC pipes (Finolex/Jain) (0.6 Mpa) conforming to IS specification 4985 and ISI marked including transportation to the site, lowering to the trenches, laying to proper grade and alignment, testing of joints with required testing equipment, including cost of solvent cement, excluding UPVC specials such as bends, tees, threaded eces, couplers, reducer, endcapsetc., complete all as per IS and CPWD specification. - 140mm dia.	-	-	-	0.00	2.4	550.0	Rmt	1320.0	1320.00	As per the executed qty
25	Code : No:31.171.1J Providing and fixing in position UPVC moulded endcap (Finolex/Jain)(0.6 Mpa) conforming to IS 7834 part II and ISI Marked, including	-	-	-	0.00	6.0	220.0	Nos	1320.0	1320.00	As per the executed qty

	labour charges for jointing, jointing materials etc., complete -140mm dia										
26	Code : No:30.32 Providing and fixing netlon mesh	-	-	-	0.00	1.10	350.0	sqm	385.0	385.00	As per the executed qty
27	Code : No:19.6.5: Providing and laying non pressure NP2 class (light duty) RCC pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc, complete - 450mm dia RCC pipe.	-	-	-	0.00	0.0	0.0	Rmt	0.0	0.00	As per the executed qty
	Total				1169154.00				1166196.00	-2958.00	
28	Add addl VAT @0.70%				8184.00				0.00	-8184.00	
29	Add for testing charges				10000.00				4036.00	-5964.00	
30	PS and contingencies. L.S				5662.00				0	-5662.00	
	Grand Total				1193000.00				1170232.00	-22768.00	

Pond 8: Rejuvenation of the Kulam at Sembiapalayam Village

Sl. No	Activity	As Per existing DPR				Revised Proposal/Estimate				Difference (+)excess/ (-)savings)	Reason for Difference
		Qty	Rate	Unit	Amount	Qty	Rate	Unit	Amount		
1	Code No: 2.31: Clearing jungle including uprooting of rank Vegetation, grass, brushwood, trees and saplings of girth upto 30cm measured at a height of 1m above ground level and removal of rubbish upto a distance of 50m outside the periphery of the area cleared.	1500.00	6.34	sqm	9510.00	1396.00	6.00	sqm	8376.00	-1134.00	As per the executed qty
2	Code No:30.1: Earth work in rough excavation and dressing up in embankment by using machinery for roads, flood banks, marginal banks and guide banks or filling up ground depression within a initial lead of 50m and lift upto 6.0m in all kinds of soil(Payment shall be made based on levels).	1265.0	40.79	Cum	51599.00	1181.10	40.00	Cum	47244.00	-4355.00	As per the executed qty
3	Code No: 33.27.1.1: Drilling of borewell anywhere in Pondicherry including transportation in alluvial soil, sedimentary strata of clay, sand stone, shale, pebbles, boulders etc. by first taking a pilot bore of 140mm / 150mm / 200mm and then enlarging to required dia by direct or reverse rotary mud circulation method, including fuel, labour for drilling, bentonite mud, water required for drilling at the site, construction of mud pit (water available within a lead of 1.5Km) using rotary rig. - Upto 60 mts depth ending below ground level.	50.00	747.70	Rmt	37385.00	48.00	747.00	Rmt	35856.00	-1529.00	As per the executed qty
4	Code No: 33.27.3.1: Reaming from 200 mm dia pilot bore to 350mm dia bore. Upto 60 mts depth ending below ground level	50.00	211.1	mts	10555.00	48.00	210.00	mts	10080.00	-475.00	As per the executed qty

5	Code No: 30.29: Supplying and lowering of UPVC 150mm dia Plain casing pipe confirming to IS. 12818-1992 with relevant amendments with class designation CM and with minimum wall thickness of 7.5mm as per I.S.Code into the bore well with proper vertical alignments etc. Including the cost of materials, but excluding the cost of labour for positioning the assembly for lowering purpose using contractor's rig.	50.00	1001.49	Rmt	50075.00	48.00	1003.00	Rmt	48144.00	-1931.00	As per the executed qty
6	Code No: 30.3: Extra for providing 3mm slots in 150mm dia. UPVC casing pipes.	50.00	54.26	Rmt	2713.00	42.00	54.00	Rmt	2268.00	-445.00	As per the executed qty
7	Code: No: 30.28: Providing and fixing UPVC top cover suitable for 150mm dia pipe. The rate to include the cost of cover, transportation to site and fixing in position.	2.00	249.38	each	499.00	2.00	220.00	each	440.00	-59.00	As per the executed qty
8	Code: No: 33.274.11: Supplying transportation and packing of 8mm size down gauge-graded pebbles including filling the annular space gradually complete. The pebbles disintegrated pieces should be free from any disintegrated pieces.	7.00	2965.39	cum	20758.00	4.90	2965.00	cum	14529.00	-6229.00	As per the executed qty
9	Code: No :33.27.5: Charges for developing the borewells with air compressor of 600 CFM capacity (minimum 8 hours) including transportation labour and fuel charges for compressor and conducting yield test by "V" Notch methods.	20.00	1101.1	Rmt	22022.00	20.00	1100.00	Rmt	22000.00	-22.00	As per the executed qty
10	Code No:30.8: Providing and fixing 110mm dia PVC pipe (4kg/cm ²) in weep holes including cement concrete 1:5:10 (1 cement : 5 coarse sand:10 graded stone aggregate) and filling of pebbles etc., as directed by the Engineer-in-charge.	141.50	207.28	Rmt	29330.00	0.00	200.00	Rmt	0.00	-29330.00	As per the executed qty
11	Code No:30.27A: Providing and fixing cement concrete rings of 900mm	10.00	285.84	Nos	2858.00	10.00	300.00	Nos	3000.00	142.00	As per the executed

	dia,300mm height and 40mm thick in 1:2:4 (one cement, two sand and four 12mm HBG metal) and provided with nominal reinforcement. The rate to include the cost of cement concrete rings, transportation to site, labour for erection, fixing with cement mortar 1:3 (one cement and three sand) all complete.										qty
12	Code No:non PSR: Providing and fixing cement concrete rings of 1200mm dia,300mm height and 50mm wall thickness in C.C 1:2:4 (one cement, two sand and four 12mm HBG metal) with or without slots in the walls and provided with nominal reinforcement. The rate to include the cost of cement concrete rings, transportation to site, labour and erection, fixing with cement mortar 1:3 (one cement:three sand) all complete (Rate approved by SE Vide Ltr.No.5973/PWS/SE-II/A6,dt:06.10.2009)	10.00	750	Nos	7500.00	10.00	700.00	Nos	7000.00	-500.00	As per the executed qty
13	Code: No:31.161.1G: Providing, laying and jointing UPVC pipes(Finolex/Jain) (0.6 Mpa)conforming to IS specification 4985 and ISI marked including transportation to the site, lowering to the trenches, laying to proper grade and alignment, testing of joints with required testing equipment,including cost of solvent cement,excluding UPVC specials such as bends, tees, threaded eces, couplers, reducer,endcapsetc.,complete all as per IS and CPWD specification. - 140mm dia.	4.00	529.7	Rmt	2119.00	2.60	500.00	Rmt	1300.00	-819.00	As per the executed qty
14	Code No:31.171.1J: Providing and fixing in position UPVC moulded endcap (Finolex/Jain)(0.6 Mpa) conforming to IS 7834 part II and ISI Marked, including labour charges for jointing, jointing materials etc.,complete - 140mm dia	2.00	197.13	Nos	394.00	2.00	200.00	Nos	400.00	6.00	As per the executed qty

15	Code No:30.32: Providing and fixing netlon mesh	2.00	339.8	sqm	680.00	1.06	350.00	sqm	371.00	-309.00	As per the executed qty
16	Code No:19.6.5: Providing and laying non pressure NP2 class (light duty) RCC pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc, complete - 450mm dia RCC pipe.	20.00	1393.49	Rmt	27870.00	10.00	1300.00	Rmt	13000.00	-14870.00	As per the executed qty
17	Code No:2.8.1: Earth work in excavation by mechanical means (Hydraulic excavator)/manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50m -All kinds of soil.	114.40	226.87	Cum	25954.00	71.00	226.00	Cum	16046.00	-9908.00	As per the executed qty
18	Code No:4.1.10: Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering.- All work upto plinth level - 1:5:10 (1 cement:5coarse sand : 10 graded stone aggregate 40mm nominal size)	18.40	3856.18	Cum	70954.00	14.89	4200.00	Cum	62538.00	-8416.00	As per the executed qty
19	Code No: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:3coarse sand : 6 graded stone aggregate 20mm nominal size)	149.95	4809.83	Cum	721234.00	141.35	5300.00	Cum	749155.00	27921.00	As per the executed qty
20	Code No:4.1.3: Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering.- All work upto plinth level - 1:2:4 (1 cement:2coarse sand : 4 graded stone aggregate 20mm nominal size)	3.50	5533.67	Cum	19368.00	0.942	5500.00	Cum	5181.00	-14187.00	As per the executed qty

21	Code No:4.3.1: Centring and shuttering, including strutting propping etc and removal of formwork for foundations, footings, bases of columns:- Using steel sheet with M.S frames.	576.00	444.15	Sqm	255830.00	536.87	450.00	Sqm	241592.00	-14238.00	As per the executed qty
22	Code No:14.23: Pumping out water caused by springs, tidal or river seepage, brocken water mains or drains and the like.	700.00	103.88	Kl	72716.00	686.34	110.00	Kl	75497.00	2781.00	As per the executed qty
	Total				1441923.00				1364017.00	-77906.00	
22	Add addl VAT @0.70%				10093.00				0.000	-10093.00	
23	PS and contingencies. L.S				6984.00				0.000	-6984.00	
	Grand Total				1459000.00				1364017.00	-94983.00	

Pond 9: Rejuvenation of the Vella Kulam at Embalam Revenue Village.

Sl. No	Activity	As Per Original Proposal /Estimate				As Per Revised Proposal				Difference (+)excess/ (-)savings)	Reason for Difference
		Qty	Rate	Unit	Amount	Qty	Rate	Unit	Amount		
1	Code: No: 2.31: Clearing jungle including uprooting of rank Vegetation, grass, brushwood, trees and saplings of girth upto 30cm measured at a height of 1m above ground level and removal of rubbish upto a distance of 50m outside the periphery of the area cleared.	3225.00	6.34	sqm	20447.00	2120.00	14.00	sqm	29680.00	9233.00	As per the executed qty
2	Code : No: 30.5: Earth work in rough excavation and dressing up in embankment by using machinery for roads, flood banks, marginal banks and guide banks or filling up ground depression within a initial lead of 50m and lift upto 6.0m in all kinds of soil (Payment shall be made based on levels).	1800.0	40.79	Cum	73422.00	1681.13	40.00	Cum	67245.00	-6177.00	As per the executed qty
3	Code : No: 33.27.1.1: Drilling of borewell anywhere in Pondicherry including transportation in alluvial soil, sedimentary strata of clay,sand stone, shale, pebbles, boulders etc. by first taking a pilot bore of 140mm / 150mm / 200mm and then enlarging to required dia by direct or reverse rotary mud circulation method, including fuel, labour for drilling, bentonite mud, water required for drilling at the site, construction of mud pit (water available within a lead of 1.5Km) using rotary rig. -Upto 60 mts depth ending below ground level.	50.00	747.70	Rmt	37385.00	48.00	750.00	Rmt	36000.00	-1385.00	As per the executed qty
4	Code: No: 33.27.3.1: Reaming from 200 mm dia pilot bore to 350mm dia bore. Upto 60 mts depth ending below ground level	50.00	211.10	mts	10555.00	48.00	210.00	mts	10080.00	-475.00	As per the executed qty
5	Code: No: 30.29: Supplying and lowering of UPVC 150mm dia Plain	50.00	1001.49	Rmt	50075.00	48.00	1000.00	Rmt	48000.00	-2075.00	As per the executed qty

	casing pipe conforming to IS. 12818-1992 with relevant amendments with class designation CM and with minimum wall thickness of 7.5mm as per I.S.Code into the bore well with proper vertical alignments etc. Including the cost of materials, but excluding the cost of labour for positioning the assembly for lowering purpose using contractor's rig.										
6	Code : No: 30.3: Extra for providing 3mm slots in 150mm dia. UPVC casing pipes.	50.00	54.26	Rmt	2713.00	50.00	54.00	Rmt	2700.00	-13.00	As per the executed qty
7	Code: No: 30.28: Providing and fixing UPVC top cover suitable for 150mm dia pipe. The rate to include the cost of cover, transportation to site and fixing in position.	2.00	249.38	each	499.00	2.00	250.00	each	500.00	1.00	As per the executed qty
8	Code:No:33.274.11: Supplying transportation and packing of 8mm size down gauge-graded pebbles including filling the annular space gradually complete. The pebbles disintegrated pieces should be free from any disintegrated pieces.	7.00	2965.39	cum	20758.00	4.90	3000.00	cum	14700.00	-6058.00	As per the executed qty
9	Code : No: 33.27.5: Charges for developing the borewells with air compressor of 600 CFM capacity (minimum 8 hours) including transportation labour and fuel charges for compressor and conducting yield test by "V" Notch methods.	20.00	1101.10	Rmt	22022.00	20.00	1100.00	Rmt	22000.00	-22.00	As per the executed qty
10	Code : No: 30.8: Providing and fixing 110mm dia PVC pipe (4kg/cm ²) in weep holes including cement concrete 1:5:10 (1 cement : 5 coarse sand:10 graded stone aggregate) and filling of pebbles etc., as directed by the Engineer-in-charge.	141.50	207.28	Rmt	29330.00	0.00	210.00	Rmt	0.00	-29330.00	As per the executed qty
11	Code : No: 30.27A: Providing and fixing cement concrete rings of 900mm dia,300mm height and 40mm thick in	10.00	285.84	Nos	2858.00	10.00	280.00	Nos	2800.00	-58.00	As per the executed qty

	1:2:4 (one cement, two sand and four 12mm HBG metal) and provided with nominal reinforcement. The rate to include the cost of cement concrete rings, transportation to site, labour for erection, fixing with cement mortar 1:3 (one cement and three sand) all complete.										
12	Code : No: Non PSR: Providing and fixing cement concrete rings of 1200mm dia, 300mm height and 50mm wall thickness in C.C 1:2:4 (one cement, two sand and four 12mm HBG metal) with or without slots in the walls and provided with nominal reinforcement. The rate to include the cost of cement concrete rings, transportation to site, labour and erection, fixing with cement mortar 1:3 (one cement: three sand) all complete (Rate approved by SE Vide Ltr.No.5973/PWS/SE-II/A6,dt:06.10.2009)	10.00	750.00	Nos	7500.00	10.00	750.00	Nos	7500.00	0.00	As per the executed qty
13	Code : No: 31.161.1G: Providing, laying and jointing UPVC pipes (Finolex/Jain) (0.6 Mpa) conforming to IS specification 4985 and ISI marked including transportation to the site, lowering to the trenches, laying to proper grade and alignment, testing of joints with required testing equipment, including cost of solvent cement, excluding UPVC specials such as bends, tees, threaded ces, couplers, reducer, endcap etc., complete all as per IS and CPWD specification. - 140mm dia.	4.00	529.70	Rmt	2119.00	3.00	500.00	Rmt	1500.00	-619.00	As per the executed qty
14	Code : No: 31.171.1J: Providing and fixing in position UPVC moulded endcap (Finolex/Jain) (0.6 Mpa) conforming to IS 7834 part II and ISI Marked, including labour charges for jointing, jointing materials etc., complete - 140mm dia	2.00	197.13	Nos	394.00	2.00	250.00	Nos	500.00	106.00	As per the executed qty
15	Code : No: 30.32: Providing and fixing netlon mesh	2.00	339.80	sqm	680.00	1.06	300.00	sqm	318.00	-362.00	As per the executed qty

16	Code : No: 19.6.5: Providing and laying non pressure NP2 class (light duty) RCC pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc, complete - 450mm dia RCC pipe.	20.00	1393.49	Rmt	27870.00	0.00	0.00	Rmt	0.00	-27870.00	As per the executed qty
17	Code : No: 2.8.1: Earth work in excavation by mechanical means (Hydraulic excavator)/manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms , lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50m -All kinds of soil.	121.80	226.87	Cum	27633.00	106.21	250.00	Cum	26553.00	-1080.00	As per the executed qty
18	Code : No: 4.1.10: Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering.- All work upto plinth level - 1:5:10 (1 cement:5coarse sand : 10 graded stone aggregate 40mm nominal size)	19.80	3856.18	Cum	76352.00	16.84	4200.00	Cum	70728.00	-5624.00	As per the executed qty
19	Code : No: 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:3coarse sand : 6 graded stone aggregate 20mm nominal size)	160.15	4809.83	Cum	770294.00	159.51	5100.00	Cum	813501.00	43207.00	As per the executed qty
20	Code : No: 4.1.3 Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering.- All work upto plinth level - 1:2:4 (1 cement:2coarse sand : 4 graded stone aggregate 20mm nominal size)	3.50	5533.67	Cum	19368.00	0.942	5500.00	Cum	5181.00	-14187.00	As per the executed qty

21	Code:No:4.3.1 Centring and shuttering, including strutting propping etc and removal of formwork for foundations, footings, bases of columns:- Using steel sheet with M.S frames.	612.00	444.15	Sqm	271820.00	608.00	450.00	Sqm	273600.00	1780.00	As per the executed qty
				Total	1474094.00				1433086.00	-41008.00	
22	Add addl VAT @0.70%				10319.00				0.000	-10319.00	
23	PS and contingencies. L.S				5587.00				0.000	-5587.00	
				Grand Total	1490000.00				1433086.00	-56914.00	

Pond 10: Rejuvenation of the Kannimar Kulam at karickalampakkam Village

Sl. No.	Activity	As Per existing DPR				Revised Proposal/Estimate				Difference (+)excess/(-)savings)	Reason for Difference
		Qty	Rate	Unit	Amount	Qty	Rate	Unit	Amount		
1	Code : No: 2.31: Clearing jungle including uprooting of rank Vegetation, grass, brushwood, trees and saplings of girth upto 30cm measured at a height of 1m above ground level and removal of rubbish upto a distance of 50m outside the periphery of the area cleared.	3000.00	6.34	sqm	19020.00	3000.00	1.00	sqm	3000.00	-16020.00	As per the executed qty
2	Code :No: 30.5 Earth work in rough excavation and dressing up in embankment by using machinery for roads, flood banks, marginal banks and guide banks or filling up ground depression within a initial lead of 50m and lift upto 6.0m in all kinds of soil(Payment shall be made based on levels).	3609.50	40.79	Cum	147232.00	3609.00	40.00	Cum	144360.00	-2872.00	
3	Code :No: 33.27.1.1 Drilling of borewell anywhere in Pondicherry including transportation in alluvial soil, sedimentary strata of clay,sand stone, shale, pebbles, boulders etc. by first taking a pilot bore of 140mm / 150mm / 200mm and then enlarging to required dia by direct or reverse rotary mud circulation method, including fuel, labour for drilling, bentonite mud, water required for drilling at the site, construction of mud pit (water available within a lead of 1.5Km) using rotary rig. -Upto 60 mts depth ending below ground level.	50.00	747.70	Rmt	37385.00	-	-	-	0.00	-37385.00	As per the advice of the steering committee balance work dropped
4	Code :No: 33.27.3.1 Reaming from 200 mm dia pilot bore to 350mm dia bore. Upto 60 mts depth ending below ground level	50.00	211.1	Rmt	10555.00	-	-	-	0.00	-10555.00	
5	Code :No:30.29: Supplying and lowering of UPVC 150mm dia Plain casing pipe conforming to IS. 12818-1992 with relevant amendments with class designation CM and with minimum wall thickness of 7.5mm as	50.00	1001.49	Rmt	50075.00	-	-	-	0.00	-50075.00	

	per I.S.Code into the bore well with proper vertical alignments etc. Including the cost of materials, but excluding the cost of labour for positioning the assembly for lowering purpose using contractor's rig.										As per the advice of the steering committee balance work dropped
6	Code :No:30.3 Extra for providing 3mm slots in 150mm dia. UPVC casing pipes.	50.00	54.26	Rmt	2713.00	-	-	-	0.00	-2713.00	
7	Code : No:30.28 :: Providing and fixing UPVC top cover suitable for 150mm dia pipe. The rate to include the cost of cover, transportation to site and fixing in position.	2.00	249.38	Nos	499.00	-	-	-	0.00	-499.00	
8	Code: No:33.27.11 :Supplying transportation and packing of 8mm size down gauge-graded pebbles including filling the annular space gradually complete. The pebbles disintegrated pieces should be free from any disintegrated pieces.	7.00	2965.39	cum	20758.00	-	-	-	0.00	-20758.00	
9	Code : No:33.27.5: Charges for developing the borewells with air compressor of 600 CFM capacity (minimum 8 hours) including transportation labour and fuel charges for compressor and conducting yield test by “V” Notch methods.	20.00	1101.1	Hours	22022.00	-	-	-	0.00	-22022.00	As per the advice of the steering committee balance work dropped
10	Code : No:30.8 :Providing and fixing 110mm dia PVC pipe (4kg/cm2) in weep holes including cement concrete 1:5:10 (1 cement : 5 coarse sand:10 graded stone aggregate) and filling of pebbles etc., as directed by the Engineer-in-charge.	141.50	207.28	Rmt	29330.00	-	-	-	0.00	-29330.00	
11	Code : No:30.27A :Providing and fixing cement concrete rings of 900mm dia,300mm height and 40mm thick in 1:2:4 (one cement, two sand and four 12mm HBG metal) and provided with nominal reinforcement. The rate to include the cost of cement concrete rings, transportation to site, labour for erection, fixing with cement mortar 1:3 (one cement and three sand) all complete.	10.00	285.84	Nos	2858.00	-	-	-	0.00	-2858.00	
12	Code: No:NPSR: Providing and fixing cement concrete rings of 1200mm dia,300mm	10.00	750	Nos	7500.00	-	-	-	0.00	-7500.00	

	height and 50mm wall thickness in C.C 1:2:4 (one cement, two sand and four 12mm HBG metal) with or without slots in the walls and provided with nominal reinforcement. The rate to include the cost of cement concrete rings, transportation to site, labour and erection, fixing with cement mortar 1:3 (one cement: three sand) all complete										
13	Code : No:31.161.1G Providing, laying and jointing UPVC pipes(Finolex/Jain) (0.6 Mpa)conforming to IS specification 4985 and ISI marked including transportation to the site, lowering to the trenches, laying to proper grade and alignment, testing of joints with required testing equipment, including cost of solvent cement, excluding UPVC specials such as bends, tees, threaded eces,couplers, reducer,endcapsetc.,complete all as per IS and CPWD specification. - 140mm dia.	4.00	529.7	Rmt	2119.00	-	-	-	0.00	-2119.00	As per the advice of the steering committee balance work dropped
14	Code : No:31.171.1J Providing and fixing in position UPVC moulded endcap (Finolex/Jain)(0.6 Mpa) conforming to IS 7834 part II and ISI Marked, including labour charges for jointing, jointing materials etc.,complete -140mm dia	2.00	197.13	Nos	394.00	-	-	-	0.00	-394.00	
15	Code : No:30.32 Providing and fixing netlon mesh	2.00	339.80	sqm	680.00	-	-	-	0.00	-680.00	
16	Code : No:19.6.5 Providing and laying non pressure NP2 class (light duty) RCC pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc, complete - 450mm dia RCC pipe.	20.00	1393.49	Rmt	27870.00	-	-	-	0.00	-27870.00	
17	Code : No:2.8.1 Earth work in excavation by mechanical means (Hydraulic excavator)/manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms , lift upto	114.20	226.87	Cum	25909.00	-	-	-	0.00	-25909.00	

	1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed , within a lead of 50m -All kinds of soil.										
18	Code : No:4.1.10: Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering.- All work upto plinth level -1:5:10 (1 cement:5coarse sand : 10 graded stone aggregate 40mm nominal size)	18.20	3856.18	Cum	70182.00	-	-	-	0.00	-70182.00	As per the advice of the steering committee balance work dropped
19	Code : No: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:3coarse sand : 6 graded stone aggregate 20mm nominal size)	149.98	4809.83	Cum	721378.00	-	-	-	0.00	-721378.00	
20	Code : No:4.1.3 Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering.- All work upto plinth level -1:2:4 (1 cement:2coarse sand : 4 graded stone aggregate 20mm nominal size)	3.50	5533.67	Cum	19368.00	-	-	-	0.00	-19368.00	
21	Code : No:4.3.2: Centring shuttering including strutting, propping etc. and removal of formwork for : Retaining walls , return walls, walls (any thickness) including attached pilasters, buttresses plinth and string courses fillets etc.- Using steel sheet with M.S.frames	573.00	444.15	Sqm	254498.00	-	-	-	0.00	-254498.00	
	Total				1472345.00				147360.00	-1324985.00	
22	Add addl VAT @0.70%				10306.00				0.000	-10306.00	
23	PS and contingencies. L.S				7349.00				0.000	-7349.00	
	Grand Total				1490000.00				147360.00	-1342640.00	

Pond 11: Rejuvenation of the Thirukanchi Kulam at Villanur Commune

Sl. No.	Activity	As Per existing DPR				Revised Proposal/Estimate				Difference (+)excess/ (-)savings)	Reason for Difference
		Qty	Rate	Unit	Amount	Qty	Rate	Unit	Amount		
1	Code :No: 30.5: Earth work in rough excavation and dressing up in embankment by using machinery for roads, flood banks, marginal banks and guide banks or filling up ground depression within a initial lead of 50m and lift upto 6.0m in all kinds of soil(Payment shall be made based on levels).	12255.00	40.79	Cum	499881.00	12192.00	29.00	Cum	353568.00	-146313.00	Work Completed
2	Code No: 2.8.1: Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m - All kinds of soil.	70.00	226.87	m ³	15881.00	0.00	0.00	0.00	0.00	-15881.00	Item dropped
3	Code No: 30.7: Supplying of Quarry rubbish including stacking to departmental gauge for premeasurement and spreading required thickness as directed by the Engineer-in-Charge	7.00	633.11	m ³	4432.00	0.00	0.00	0.00	0.00	-4432.00	Item dropped
4	Code No: 4.1.10: Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering. All work upto plinth level - 1:5:10 (1 Cement: 5 Coarse sand: 10 graded stone aggregate 40 mm nominal size)	7.00	3,856.18	m ³	26993.00	0.00	0.00	0.00	0.00	-26993.00	Item dropped
5	Code No: 4.1.5: Providing and laying in position cement concrete of specified grade excluding the cost of centring and	77.00	4,809.83	1 m ³	370357.00	0.00	0.00	0.00	0.00	370357.00	Item dropped

	shuttering.- All work upto plinth level - 1:3:6 (1 cement:3coarse sand : 6 graded stone aggregate 20mm nominal size)										
6	Code No: 4.3.1: Centring and shuttering, including strutting propping etc and removal of formwork for foundations, footings, bases of columns:- Using steel sheet with M.S frames.	280.00	271.80	1 m ²	76104.00	0.00	0.00	0.00	0.00	76104.00	Item dropped
					Total					993648.00	
7	Add addl VAT @0.70%				6352					0.000	-6352.00
					Grand Total					353568.00	-646432.00

Pond 12: Rejuvenation of the Eswaran Kulam at Seliamedu in Bahour Commune.

Sl. No.	Activity	As Per existing DPR				Revised Proposal/Estimate				Difference (+)excess/ (-)savings)	Reason for Difference
		Qty	Rate	Unit	Amount	Qty	Rate	Unit	Amount		
1	Code No:2.8.1: Earth work in excavation by mechanical means (Hydraulic excavator)/manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan)including dressing of sides and ramming of bottoms , lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed , within a lead of 50m -All kinds of soil.	86.00	226.87	m ³	19511	-	-	-	-	-19511	Item dropped
2	Code No:2.31: Clearing jungle including uprooting of rank Vegetation, grass, brushwood, trees and saplings of girth upto 30cm measured at a height of 1m above ground level and removal of rubbish upto a distance of 50m outside the periphery of the area cleared.	6000.00	6.34	m ²	38040	6000.00	1.00	m ²	6000	-32040	Work completed
3	Code No: 4.1.3: Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering.- All work upto plinth level - 1:2:4 (1 cement:2coarse sand : 4 graded stone aggregate 20mm nominal size)	10.00	320.00	m ³	3200	-	-	-	-	-3200	Item dropped
4	Code No: 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:3coarse sand : 6 graded stone aggregate 20mm nominal size)	34.00	4,809.83	m ³	163534	-	-	-	-	-163534	Item dropped
5	Code No: 4.1.10: Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering.- All work upto plinth level - 1:5:10 (1 cement:5coarse sand : 10	19.00	3,856.18	m ³	73267	-	-	-	-	-73267	Item dropped

	graded stone aggregate 40mm nominal size)										
6	Code No: 4.3.1: Centring and shuttering, including strutting propping etc and removal of formwork for foundations, footings, bases of columns:- Using steel sheet with M.S frames.	269.00	271.80	m ²	73114	-	-	-	-	-73114	Item dropped
7	Code No: 7.1.1: Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1cement : 6 coarse sand : 12 graded stone aggregate 20mm nominal size) upto plinth level with - cement mortar 1:6 (1 cement : 6 coarse sand)	34.00	3,771.04	m ³	128215	-	-	-	-	-128215	Item dropped
8	Code No: 13.33.1: Pointing on stone work with cement mortar 1:3 (1 cement : 3 fine sand)-Flush/Ruled pointing	1049.00	158.01	m ²	165752	-	-	-	-	-165752	Item dropped
9	Code No. 30.14: Dry stone pitching on slopes to required thickness and profile with hammer dressed granite stones having no side less than 15 cum for revetment works , preparing surface etc., complete as directed by the Engineer-in-charge	189.00	2,431.62	m ³	459576	-	-	-	-	-459576	Item dropped
10	Code No:30.5: Earth work in rough excavation and dressing up in embankment by using machinery for roads, flood banks, marginal banks and guide banks or filling up ground depression within a initial lead of 50m and lift upto 6.0m in all kinds of soil(Payment shall be made based on levels).	84.00	40.79	m ³	3426	1320.00	40.00	m ³	52800	49374	Work completed
11	Code No: 30.37: Desilting the canal by removing silt, slush cum and debris from the bed of the drain removing the grass , buses etc., complete in unhygienic and foul condition including	1,320.00	232.52	m ³	306926	-	-	-	-	-306926	Item dropped

	disposal of the same within an average lead of 1KM without polluting the environment by mechanical means										
12	Code No: 33.26.1: 75 mm thick back filling for pitching including supplying of required materials etc. complete with moorum.	1,049.00	47.46	m ²	49786	-	-	-	-	-49786	Item dropped
					Total				58800	-1425547	
13	Add addl VAT @0.70%				10390				-	-10390	
14	Testing Charges				5263				-	-5263	
					Grand Total				58800	-1441200	

Pond 13: Rejuvenation of the Thangal Kulam at Kudiyirupallayam in Bahour Commune.

Sl. no.	Sub heads and Item of work	As per Existing DPR				Revised Proposal / Estimate				Differences	Remarks		
		Qty	Rate	Per	Amount	Qty	Rate	Per	Amount				
1	Code No:2.8.1: Earth work in excavation by mechanical means (Hydraulic excavator)/manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan)including dressing of sides and ramming of bottoms , lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed , within a lead of 50m -All kinds of soil.	137.00	m ³	226.87	1 m ³	31081	124.78	m ³	100.00	1 m ³	12478.00	-18603	Work completed
2	Code No:2.31: Clearing jungle including uprooting of rank Vegetation, grass, brushwood, trees and saplings of girth upto 30cm measured at a height of 1m above ground level and removal of rubbish upto a distance of 50m outside the periphery of the area cleared.	805.00	m ²	6.34	1m ²	5104	805.00	m ²	1.00	1m ²	805	-4299	Work completed
3	Code No: 4.1.3: Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering.- All work upto plinth level - 1:2:4 (1 cement:2coarse sand : 4 graded stone aggregate 20mm nominal size)	67.00	m ³	5,533.67	1 m ³	370756	65.36	m ³	5500.00	1 m ³	359480	-11276	Work completed
4	Code No: 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:3coarse sand : 6 graded stone aggregate 20mm nominal size)	35.00	m ³	4,809.83	1 m ³	168344	16.41	m ³	4500.00	1 m ³	73845	-94499	Work completed
5	Code No: 4.1.10: Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering.- All work upto plinth level - 1:5:10 (1 cement:5coarse sand : 10 graded stone aggregate 40mm nominal	23.50	m ³	3,856.18	1 m ³	90620	19.78	m ³	3500.00	1 m ³	69230	-21390	Work completed

	size)												
6	Code No: 4.3.1: Centring and shuttering, including strutting propping etc and removal of formwork for foundations, footings, bases of columns:- Using steel sheet with M.S frames.	536.00	m ²	271.80	1 m ²	145685	372.26	m ²	150.00	1 m ²	55839	-89846	Work completed
7	Code No: 7.1.1: Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1cement : 6 coarse sand : 12 graded stone aggregate 20mm nominal size) upto plinth level with - cement mortar 1:6 (1 cement : 6 coarse sand)	41.00	m ³	3,771.04	1 m ³	154613	39.34	m ²	5000.00	1 m ³	196700	42087	Work completed
8	Code No: 13.33.1: Pointing on stone work with cement mortar 1:3 (1 cement : 3 fine sand)-Flush/Ruled pointing	306.00	m ²	158.01	1 m ²	48351	298.00	m ²	50.00	1 m ²	14900	-33451	Work completed
9	Code No. 30.14: Dry stone pitching on slopes to required thickness and profile with hammer dressed granite stones having no side less than 15 cum for revetment works , preparing surface etc., complete as directed by the Engineer-in-charge	56.00	m ³	2,431.62	1 m ³	136171	58.42	m ²	4500.00	1 m ³	262890	126719	Work completed
10	Code No:30.5: Earth work in rough excavation and dressing up in embankment by using machinery for roads, flood banks, marginal banks and guide banks or filling up ground depression within a initial lead of 50m and lift upto 6.0m in all kinds of soil(Payment shall be made based on levels).	227.00	m ³	40.79	1m ³	9259	1337.82	m ³	40.79	1m ³	54570	45310	Work completed
11	Code No: 30.8: Providing and fixing 110mm dia PVC pipe (4kg/cm ²) in weep holes including cement concrete 1:5:10 (1 cement : 5 coarse sand:10 graded stone aggregate) and filling of pebbles etc., as directed by the Engineer-in-charge.	15.00	m	207.28	1m	3109	-	-		-	-	-3109	Item dropped

12	Code No: 30.37: Desilting the canal by removing silt, slush cum and debris from the bed of the drain removing the grass , buses etc., complete in unhygienic and foul condition including disposal of the same within an average lead of 1KM without polluting the environment by mechanical means	1,337.00	m ³	232.52	1m ³	310879	-	-		-	-	-310879	Item dropped
13	Code No: 33.26.1: 75 mm thick back filling for pitching including supplying of required materials etc. complete with moorum.	306.00	m ²	47.46	1m ²	14523	298.73	m	20.00	1m ²	5975	-8548	Work completed
		Total				1488495					1106712	-381783	
14	Add V.A.T @ 0.70%					10419					-	-10419	
15	Testing Charges					1086					-	-1086	
16	Contingences @ 5%										55336	55336	
		Grand Amount				1500000					1162048	-337952	

Pond14: Rejuvenation of the Oral kulam, Pillaiyarkuppam village, Embalam Constituency.

Sl. No.	Sub heads and Item of work	As per Existing DPR				Revised Proposal / Estimate				Differences	Remarks		
		Qty		Rate	Per	Amount	Qty		Rate			Per	Amount
1	Code No:30.5: Earth work in rough excavation and dressing up in embankment by using machinery for roads, flood banks, marginal banks and guide banks or filling up ground depression within a initial lead of 50m and lift upto 6.0m in all kinds of soil(Payment shall be made based on levels).	982.00	m ³	40.79	m ³	40056	82.60	m ³	45.00	m ³	3717	-36339	Item executed
2	Code No: 2.8.1: Earth work in excavation by mechanical means (Hydraulic excavator)/manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed , within a lead of 50m -All kinds of soil.	67.50	m ³	226.87	1m ³	15314	1.43	1m ³	199.00	1m ³	285	-15029	Item executed
3	Code No:2.31: Clearing jungle including uprooting of rank vegetation, grass, brushwood, 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.	885.00	m ²	6.34	1m ²	5611	834.00	1m ²	2.00	1m ²	1668	-3943	Item executed
4	Code No:4.1.3: Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering.- All work upto plinth level - 1:2:4 (1 cement:2coarse sand : 4 graded stone aggregate 20mm nominal size)	4.60	m ³	5,533.67	1 m ³	25455	0.00	1 m ³	5,533.67	1 m ³	0.00	-25455	Item dropped
5	Code No:4.1.5: Providing and laying in position cement concrete of specified grade excluding the cost of centring and	24.10	m ³	4,809.83	1 m ³	115917	1.33	1 m ³	4,999.00	1 m ³	6649	-109268	Item excited

	shuttering - all work upto plinth level 1:3:6(1 cement : 3 sand : 6 graded stone aggregate 20mm nominal size).												
6	Code No: 4.1.10: Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level 1:5:10 (1 cement: 5 sand: 5 graded stone aggregate 40mm nominal size).	50.00	m ³	3,856.18	1 m ³	192809	28.57	1 m ³	3,599.00	1 m ³	102823	-89986	Item executed
7	Code No: 4.1.3: Centring shuttering including strutting, propping etc. and removal of formwork for foundations, footings , bases for columns.- Using steel sheet with M.S.frames	192.00	m ²	271.80	1m ²	52186	13.30	1m ²	199.00	1m ²	2647	-49539	Item executed
8	Code No: 7.1.1: Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand: 12 graded stone aggregate 20mm nominal size) at plinth level with cement mortar 1:6 (1 cement: 6 coarse sand).	32.50	m ³	3,771.04	1 m ³	122559	0.00	1 m ³	3,771.04	1 m ³	0.00	-122559	Item dropped
9	Code No: 13.33.1: Pointing on stonework with cement mortar 1:3 (1 cement: 3 fine sand) - Flush /Ruled pointing.	655.80	m ²	158.01	1 m ²	103623	0.00	1 m ²	158.01	1 m ²	0.00	-103623	Item dropped
10	Code No: 16.68: Providing and laying 60mm thick factory made cement concrete interlocking paver block of M-30 grade made by block making machine with strong vibratory compaction and of approved size and design /shape laid in required colour and pattern over and including 50mm thick compacted bed of course sand, filling the joints with coarse sand etc.filling the joints with coarse sand etc.all complete	280.00	m ²	583.80	1m ²	163464	279.86	1m ²	579.00	1m ²	162039	-1425	Item executed
11	Code No: 30.8: Providing and fixing 110mm dia PVC pipe(4kg/cm ²) in weep holes including cement concrete 1:5:10(one cement 5 sand and 10 graded stone	20.00	met	207.28	met	4146	0.00	met	207.28	met	0.00	-4146	Item dropped

	aggregate) and filling of pebbles etc., as directed by the Engineer-in-charge.												
12	Code No.30.14: Dry stone pitching on slopes to required thickness and profile with hammer dressed granite stones having no side less than 15cum for revetment works, preparing surface etc., complete as directed by the Engineer-in-charge.	118.80	m ²	2,431.62	1m ²	288876	0.00	1m ²	2,431.62	1m ²	0.00	-288876	Item dropped
13	Code No.33.26.1: 75 mm thick back filling for pitching including supplying of required materials etc. complete with moorum.	973.10	m ²	47.46	1m ²	46183	0.00	1m ²	47.46	1m ²	0.00	-46183	Item dropped
14	Code No.30.37: Desilting the canal by removing silt, slush and debris from the bed of the drain removing the grass, buses etc., complete in unhygienic and foul condition including disposal of the same within an average lead of 1km without polluting the environment as directed by the Engineer-in-charge- by mechanical means	1,338.00	m ³	232.52	1m ³	311112	0.00	1m ³	232.52	1m ³	0.00	-311112	Item dropped
					Total	1487311					279828	-1207483	
15	Add V.A.T @ 0.70%					10411						-10411	
16	Quality Control					2278						-2278	
					Grand Amount	1500000					279828	-1220172	

Pond 15: Rejuvenation of the Uthu kulam at Kunichempet village

Sl. No.	Sub heads and Item of work	As per existing DPR					Revised Proposal / Estimate					Difference	Remarks
		Qty	Unit	Rate	Per	Amount	Qty	Unit	Rate	Per	Amount		
1	Code No:2.31: Clearing jungle including uprooting of rank Vegetation, grass, brushwood, trees and saplings of girth upto 30cm measured at a height of 1m above ground level and removal of rubbish upto a distance of 50m outside the periphery of the area cleared.	1470.00	m ²	6.34	m ²	9320	1470.00	m ²	6.00		8820	-500	Item to be executed
2	Code No:30.5: Earth work in rough excavation and dressing up in embankment by using machinery for roads, flood banks, marginal banks and guide banks or filling up ground depression within a initial lead of 50m and lift upto 6.0m in all kinds of soil (Payment shall be made based on levels).	1495.00	m ²	40.79	1m ³	60981	1495.00	m ²	50.00	1m ³	74750	13769	Item to be executed
3	Code No:14.23: Pumping out water caused by springs, tidal or river seepage, brocken water mains or drains and the like.	333.00	kl	103.80	1kl	34565	333.00	kl	100.00	1kl	33300	-1265	Item to be executed
4	Code No:2.8.1: Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms , lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed , within a lead of 50m -All kinds of soil.	129.00	m ³	226.87	1 m ³	29266	0.00	-	0.00	-	0.00	-29266	Item dropped
5	Code No: 2.27: Supplying and filling in plinth with sand under	1.00	m ³	1,603.96	1 m ³	1604	0.00	-	0.00	-	0.00	-1604	Item dropped

	floors including, watering, ramming consolidating and dressing complete.												
6	Code No: 4.1.10: Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering.- All work upto plinth level -1:5:10 (1 cement:5coarse sand : 10 graded stone aggregate 40mm nominal size)	21.00	m ³	3,856.18	1 m ³	80980	0.00	-	0.00	-	0.00	-80980	Item dropped
7	Code No: 4.1.3: Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering.- All work upto plinth level -1:2:4 (1 cement: 2 coarse sand : 4 graded stone aggregate 20mm nominal size)	4.00	m ³	5,533.67	1 m ³	22135	0.00	-	0.00	-	0.00	-22135	Item dropped
8	Code No: 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:3coarse sand : 6 graded stone aggregate 20mm nominal size)	170.00	m ³	4,809.83	1 m ³	817671	0.00	-	0.00	-	0.00	-817671	Item dropped
9	Code No: 4.3.1: Centring and shuttering, including strutting propping etc and removal of formwork for foundations, footings, bases of columns:- Using steel sheet with M.S frames.	646.00	m ²	271.80	1 m ³	175583	0.00	-	0.00	-	0.00	-175583	Item dropped
10	Code No: 33.27.1.1: Drilling of borewell anywhere in Pondicherry including transportation in alluvial soil, sedimentary strata of clay, sand stone, shale, pebbles, boulders etc. by first taking a pilot bore of 140mm /150mm / 200mm and then enlarging to required dia by direct or reverse rotary mud circulation method, including fuel, labour for	47.00	m	747.70	1m	35142	0.00	-	0.00	-	0.00	-35142	Item dropped

	drilling, bentonite mud, water required for drilling at the site, construction of mud pit (water available within a lead of 1.5Km) using rotary rig. -Upto 60 mts depth ending below ground level.												
11	Code No: 33.27.3.1: Reaming from 200 mm dia pilot bore to 350mm dia bore. Upto 60 mts depth ending below ground level.	47.00	m	211.10	1m	9922	0.00	-	0.00	-	0.00	-9922	Item dropped
12	Code No: 30.29: Supplying and lowering of UPVC 150mm dia Plain casing pipe conforming to IS. 12818-1992 with relevant amendments with class designation CM and with minimum wall thickness of 7.5mm as per I.S.Code into the bore well with proper vertical alignments etc. Including the cost of materials, but excluding the cost of labour for positioning the assembly for lowering purpose using contractor's rig.	48.00	Rmt	1,001.49	1Rmt	48072	0.00	-	0.00	-	0.00	-48072	Item dropped
13	Code No: 30.30: Extra for providing 3mm slots in 150mm dia. UPVC casing pipes.	48.00	Rmt	54.26	1Rmt	2604	0.00	-	0.00	-	0.00	-2604	Item dropped
14	Code No: 30.28: Providing and fixing UPVC top cover suitable for 150mm dia pipe. The rate to include the cost of cover, transportation to site and fixing in position.	2.00	Nos	249.38	1No	499	0.00	-	0.00	-	0.00	-499	Item dropped
15	Code No: 33.27.11: Supplying transportation and packing of 8mm size down gauge-graded pebbles including filling the annular space gradually complete. The pebbles disintegrated pieces. should be free from any disintegrated pieces.	7.00	m ³	2,965.39	1 m ³	20758	0.00	-	0.00	-	0.00	-20758	Item dropped
16	Code No: 33.27.5: Charges for developing the borewells with air	16.00	hrs	1,101.10	1 hrs	17618	0.00	-	0.00	-	0.00	-17618	Item dropped

	compressor of 600 CFM capacity (minimum 8 hours) including transportation labour and fuel charges for compressor and conducting yield test by “V” Notch methods.												
17	Code No.30.8: Providing and fixing 110mm dia PVC pipe (4kg/cm ²) in weep holes including cement concrete 1:5:10 (1 cement : 5 coarse sand:10 graded stone aggregate) and filling of pebbles etc., as directed by the Engineer-in-charge.	170.00	m	207.28	1m	35238	0.00	-	0.00	-	0.00	-35238	Item dropped
18	Code No.30.27A : Providing and fixing cement concrete rings of 900mm dia,300mm height and 40mm thick in 1:2:4 (one cement, two sand and four 12mm HBG metal) and provided with nominal reinforcement. The rate to include the cost of cement concrete rings, transportation to site, labour for erection, fixing with cement mortar 1:3 (one cement and three sand) all complete.	10.00	Nos	285.84	1No	2858	0.00	-	0.00	-	0.00	-2858	Item dropped
19	Non PSR Item: Providing and fixing cement concrete rings of 1200mm dia,300mm height and 50mm wall thickness in C.C 1:2:4 (one cement, two sand and four 12mm HBG metal) with or without slots in the walls and provided with nominal reinforcement. The rate to include the cost of cement concrete rings, transportation to site, labour and erection, fixing with cement mortar 1:3 (one cement: three sand) all complete (Rate approved by SE VideLtr.No.5973/PWS/SE-II/A6,dt:06.10.2009)	10.00	Nos	750.00	1No	7500	0.00	-	0.00	-	0.00	-7500	Item dropped

20	Code No: 31.161.1G: Providing, laying and jointing UPVC pipes (Finolex/Jain) (0.6 Mpa) conforming to IS specification 4985 and ISI marked including transportation to the site, lowering to the trenches, laying to proper grade and alignment, testing of joints with required testing equipment, including cost of solvent cement, excluding UPVC specials such as bends, tees, threaded pieces, couplers, reducer, endcaps etc., complete all as per IS and CPWD specification. - 140mm dia.	4.00	m	529.70	1m	2119	0.00	-	0.00	-	0.00	-2119	Item dropped
21	Code No: 31.171.1J: Providing and fixing in position UPVC moulded endcap (Finolex/Jain)(0.6 Mpa) conforming to IS 7834 part II and ISI Marked, including labour charges for jointing, jointing materials etc, complete -140mm dia	2.00	Nos	197.13	1No	394	0.00	-	0.00	-	0.00	-394	Item dropped
22	Code No: 30.32: Providing and fixing netlon mesh	2.00	m ²	339.80	1 m ²	680	0.00	-	0.00	-	0.00	-680	Item dropped
23	Code No: 19.6.5: Providing and laying non pressure NP2 class (light duty) RCC pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc complete - 450mm dia RCC pipe.	20.00	m	1,393.49	1Rmt	27870	20.00	m	1,420.00	1rmt	28400	530	Item to be executed
24	Code No: 30.4: Banking available earth in layers not exceeding 20cm in depth breaking clods, watering , rolling each layers with 1/2 tonne roller or wooden or steel rammers and dressing up in embankments for roads flood banks , marginal banks and guide banks etc and lift upto 1.5m in all kinds of soil. The	0.00	0.00	0.00	0.00	0	1,495.00	m ³	101.39	1m ³	151578	151578	For strengthening of bunds, the item is necessary and it is not included in the previous DPR.

	quantity of the fill shall be calculated based on levels and then reduced by 10% for the purpose of payment												
		Total				14,43,377					2,96,848	-11,46,529	
25	Add V.A.T @ 0.70%				10,103					0		-10,103	
26	Advertisement charges				0					5,000		5,000	
27	Lumpsum charges for fixing name board				0					15,000		15,000	
28	Contingencies @ 3%				6,520					8,852		-2,337	
		Grand Amount				14,60,000					3,25,700	-11,28,400	

Details of Estimate of the Rejuvenation of the Uthu kulam at Kunichempet village

Sl. No.	Details of works	Number	Measurements in metres			Area of Contents
			Length	Breadth	Depth	
1	Code No:2.31					
	Clearing jungles					
	Pond bund all-round	1x1	294.00	5.00		1470.00
						say1470m²
2	Code No:30.5					
	Rough Earthwork Excavation	1x1	85.00	15.00	0.45	573.75
		1x1	62.00	33.00	0.45	920.7
						1494.45
						say1495m³
3	Code No:14.23					
	Pumping out water	1x1	85.00	15.00	0.20	127.50
		1x1	62.00	33.00	0.20	204.6
						332.10
						say333kl
4	Code No.30.4					
	Banking available Earth	1x1	same Qty as per item No.2			1495 m³
5	Code No.19.6.5					
	NP2 R.C.C pipes	1x1	20			20
						say20m

Pond 16: Rejuvenation of the Velan kulam at Kunichempet village

Sl. No.	Sub heads and Item of work	As per Existing /1st Revised Estimate				2nd Revised Proposal / Estimate				Differences	Remarks		
		Qty	Rate	Per	Amount	Qty	Rate	Per	Amount				
1	Code No:2.31: Clearing jungle including uprooting of rank Vegetation, grass, brushwood, trees and saplings of girth upto 30cm measured at a height of 1m above ground level and removal of rubbish upto a distance of 50m outside the periphery of the area cleared.	4775.00	m ²	6.34	1m ²	30274	4775.00	m ²	6.00	1m ²	28650	-1624	Work completed
2	Code No:30.5: Earth work in rough excavation and dressing up in embankment by using machinery for roads, flood banks, marginal banks and guide banks or filling up ground depression within a initial lead of 50m and lift upto 6.0m in all kinds of soil(Payment shall be made based on levels).	2682.00	m ³	40.79	1m ³	109399	2682.00	m ³	35.00	1m ³	93870	-15529	Desilting to be started
3	Code No:2.6.1: Earthwork in excavation by mechanical means (Hydraulic excavator / manual means each areas exceeding 30cm in depth 1.5m in width as well as 10sqm on plan including disposal of excavated earth upto 50m and lift upto 1.5m, disposed soil to be levelled and neatly dressed - All kinds of soil.	47.00	m ³	223.25	1m ³	10493	47.00	m ³	200.00	1m ³	9400	-1093	item to be executed
4	Code No:2.8.1: Earth work in excavation by mechanical means (Hydraulic excavator)/manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan)including dressing of sides and ramming of bottoms , lift upto 1.5m, including getting out the	112.00	m ³	226.87	1 m ³	25409	0.00	-	0.00	-	0.00	-25409	Item dropped

	excavated soil and disposal of surplus excavated soil as directed , within a lead of 50m -All kinds of soil.												
5	Code No:2.27: Supplying and filling in plinth with sand under floors including, watering, ramming consolidating and dressing complete.	4.00	m ³	1,603.96	1 m ³	6416	3.24	m ³	2000.00	1 m ³	6480	64	item to be executed
6	Code No: 4.1.10: Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering.- All work upto plinth level -1:5:10 (1 cement:5coarse sand : 10 graded stone aggregate 40mm nominal size)	25.00	m ³	3,856.18	1 m ³	96405	5.86	m ³	4000.00	1m ³	23440	-72965	item to be executed
7	Code No: 4.1.3: Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering.- All work upto plinth level -1:2:4 (1 cement:2coarse sand : 4 graded stone aggregate 20mm nominal size)	2.00	m ³	5,533.67	1 m ³	11067	0.00	-	0.00	-	0.00	-11067	Item dropped
8	Code No: 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:3coarse sand : 6 graded stone aggregate 20mm nominal size)	150.00	m ³	4,809.83	1 m ³	721475	0.00	-	0.00	-	0.00	-721475	Item dropped
9	Code No: 4.3.1: Centring and shuttering, including strutting propping etc and removal of formwork for foundations, footings, bases of columns:- Using steel sheet with M.S frames.	570.00	m ²	271.80	1 m ²	154926	0.00	-	0.00	-	0.00	-154926	Item dropped
10	Code No: 4.3.2: Centring and shuttering, including strutting propping etc and removal of formwork for: Retaining wall, return walls, (any thickness) including	9.00	m ²	444.15	1m ²	3997	9.00	m ²	400.00	1m ²	3600	-397	item to be executed

	attached pilasters, buttresses plinth and string courses fillets etc: - Using steel sheet with M.S frames.												
11	Code No: 17.2: Random rubble masonry (course) in cement sand mortar 1:3 in foundation upto a depth of 1.50 metres and 1.50 above ground / bed level.	19.00	m ³	5,090.42	1 m ³	96718	19.00	m ³	500.00	m ³	9500	-87218	item to be executed
12	Code No: 5.3.1: Reinforced cement concrete work in beams, suspended floors, roofs having slope upto 15 degree landings, balconies, shelvers, chajjas, lintels, bands, plain window sills, staircases and spiral staircases upto floor five level excluding the cost of centring, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand :3 graded stone aggregate 20mm nominal size.)	1.50	m ³	7,120.05	1 m ³	10680	1.50	m ³	7120.00	m ³	10680	0	item to be executed
13	Code No: 7.6D: Steel reinforcement for R.C.C works including bending, binding and placing in position - Thermo Mechanical Treated Bars (ISI brand approved make) Including placing the M30 grade Athees make cover block @ 60cm centre to centre.	0.23	MT	61,914.24	1MT	14240	0.23	M T	7000.00	MT	1610	-12630	item to be executed
14	Code No: 9.134.1: Providing and fixing of 65mm godrej nav tal lock of 6 leavers etc complete.	2.00	No	434.03	1No	868	2.00	No	500.00	1 No	1000	132	item to be executed
15	Code No: 10.27: Supplying and fixing of steel grill work of m.s angles, flats, squares and pipes including cost of welding charges, fixing in position in masonry walls with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5mm nominal size) Including one coat of priming	765.00	kg	81.33	1kg	62217	765.00	kg	90.00	kg	68850	6633	item to be executed

	coat etc., complete.												
16	Code No: 13.50.3: Applying priming coat: with ready mixed red oxide zing chromate primer of approved brand and manufacture on steel galvanised / iron works	51.00	m ²	35.37	1m ²	1804	51.00	m ²	40.00	m ²	2040	236	item to be executed
17	Non PSR item Code No: 0118: Supplying and filling with 45mm HBG metal to the work site including cost of loading, unloading and filling etc.,	5.00	m ³	939.20	1 m ³	4696	5.00	m ³	1000.00	m ³	5000	304	item to be executed
18	Non-PSR item Code No: 0114: Supplying and filling with 26.50mm HBG metal to the work site including cost of loading, unloading and filling etc., complete.	5.00	m ³	1,229.58	1 m ³	6148	5.00	m ³	1500.00	m ³	7500	1352	item to be executed
19	Code No: 33.27.1.1: Drilling of borewell anywhere in Pondicherry including transportation in alluvial soil, sedimentary strata of clay, sand stone, shale, pebbles, boulders etc. by first taking a pilot bore of 140mm / 150mm / 200mm and then enlarging to required dia by direct or reverse rotary mud circulation method, including fuel, labour for drilling, bentonite mud, water required for drilling at the site, construction of mud pit (water available within a lead of 1.5Km) using rotary rig. -Upto 60 mts depth ending below ground level.	24.00	m	747.70	1m	17945	0.00	-	0.00	-	0.00	-17945	Item dropped
20	Code No: 33.27.3.1: Reaming from 200 mm dia pilot bore to 350mm dia bore. Upto 60 mts depth ending below ground level	24.00	m	211.10	1m	5066	0.00	-	0.00	-	0.00	-5066	Item dropped

21	Code No: 30.29: Supplying and lowering of UPVC 150mm dia Plain casing pipe conforming to IS. 12818-1992 with relevant amendments with class designation CM and with minimum wall thickness of 7.5mm as per I.S.Code into the bore well with proper vertical alignments etc. Including the cost of materials, but excluding the cost of labour for positioning the assembly for lowering purpose using contractor's rig.	24.00	Rmt	1,001.49	1Rmt	24036	0.00	-	0.00	-	0.00	-24036	Item dropped
22	Code No: 30.30: Extra for providing 3mm slots in 150mm dia. UPVC casing pipes.	24.00	Rmt	54.26	1Rmt	1302	0.00	-	0.00	-	0.00	-1302	Item dropped
23	Code No: 30.28: Providing and fixing UPVC top cover suitable for 150mm dia pipe. The rate to include the cost of cover, transportation to site and fixing in position.	1.00	Nos	249.38	1No	249	0.00	-	0.00	-	0.00	-249	Item dropped
24	Code No: 33.27.11: Supplying transportation and packing of 8mm size down gauge-graded pebbles including filling the annular space gradually complete. The pebbles disintegrated pieces. should be free from any disintegrated pieces.	4.00	m ³	2,965.39	1 hrs	11862	0.00	-	0.00	-	0.00	-11862	Item dropped
25	Code No: 33.27.5: Charges for developing the borewells with air compressor of 600 CFM capacity (minimum 8 hours) including transportation labour and fuel charges for compressor and conducting yield test by "V" Notch methods.	8.00	hrs	1,101.10	1 m ³	8809	0.00	-	0.00	-	0.00	-8809	Item dropped
26	Code No: 30.8: Providing and fixing 110mm dia PVC pipe (4kg/cm ²) in weep holes including cement	68.00	m	207.28	1m	14095	0.00	-	0.00	-	0.00	-14095	Item dropped

	concrete 1:5:10 (1 cement : 5 coarse sand:10 graded stone aggregate) and filling of pebbles etc., as directed by the Engineer-in-charge.												
27	Code No: 30.27A: Providing and fixing cement concrete rings of 900mm dia,300mm height and 40mm thick in 1:2:4 (one cement, two sand and four 12mm HBG metal) and provided with nominal reinforcement. The rate to include the cost of cement concrete rings, transportation to site, labour for erection, fixing with cement mortar 1:3 (one cement and three sand) all complete.	5.00	Nos	285.84	1No	1429	0.00	-	0.00	-	0.00	-1429	Item dropped
28	Non PSR Item: Providing and fixing cement concrete rings of 1200mm dia,300mm height and 50mm wall thickness in C.C 1:2:4 (one cement, two sand and four 12mm HBG metal) with or without slots in the walls and provided with nominal reinforcement. The rate to include the cost of cement concrete rings, transportation to site, labour and erection, fixing with cement mortar 1:3 (one cement: three sand) all complete (Rate approved by SE Vide Ltr.No.5973/PWS/SE-II/A6,dt:06.10.2009)	5.00	Nos	750.00	1No	3750	0.00	-	0.00	-	0.00	-3750	Item dropped
29	Code No: 31.161.1G: Providing, laying and jointing UPVC pipes (Finolex/Jain) (0.6 Mpa) conforming to IS specification 4985 and ISI marked including transportation to the site, lowering to the trenches, laying to proper grade and alignment, testing of joints with required testing equipment, including cost of solvent cement,	2.00	m	529.70	1m	1059	0.00	-	0.00	-	0.00	-1059	Item dropped

	excluding UPVC specials such as bends, tees, threaded pieces, couplers, reducer, endcaps etc., complete all as per IS and CPWD specification. - 140mm dia.												
30	Code No: 31.171.1J: Providing and fixing in position UPVC moulded endcap (Finolex/Jain)(0.6 Mpa) conforming to IS 7834 part II and ISI Marked, including labour charges for jointing, jointing materials etc, complete - 140mm dia	1.00	Nos	197.13	1No	197	0.00	-	0.00	-	0.00	-197	Item dropped
31	Code No: 30.32: Providing and fixing netlon mesh	1.00	m ²	339.80	1 m ²	340	0.00	-	0.00	-	0.00	-340	Item dropped
32	Code No: 19.6.5: Providing and laying non pressure NP2 class (light duty) RCC pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc, complete - 450mm dia RCC pipe.	20.00	m	1,393.49	1m	27870	20.00	m	1500.00	1m	30000.00	2130	work to be carried out
33	Code No: 30.4: Banking available earth in layers not exceeding 20cm in depth breaking clods, watering , rolling each layers with 1/2 tonne roller or wooden or steel rammers and dressing up in embankments for roads flood banks , marginal banks and guide banks etc and lift upto 1.5m in all kinds of soil. The quantity of the fill shall be calculated based on levels and then reduced by 10% for the purpose of payment	0.00	0.0	0.00	0.00	0	2682.00	m ³	109.31	1m ³	293169.00	293169	For strengthening of bunds the item is necessary and it is not included in this in the existing DPR
						Total	1485241				594789	-890451	
34	Add V.A.T @ 0.70%						10397				-	-10397	
35	Advertisement charges						0				5000	5000	
36	Lumpsum charges for fixing name board						0				15000	15000	
37	Contingencies @ 3%						4362				17811	13449	
						Grand Amount	1500000				632600	-867400	

Details of Estimate of the Rejuvenation of the Velan Kulam at Kunichempet Village.

SI NO	Details of works	Number	Measurements in metres			Area of Contents
			Length	Breadth	Depth	
1	Code No:2.31					
	Clearing Jungle including uprooting					
	Bund all-round	1x1	240.00	5.00		1200.00
	Inside pond	1x1	65.00	55.00		3575.00
						4775.00
						say4775m²
2	Code No:30.5					
	Rough Earthwork Excavation	1x1	65.00	55.00	0.75	2681.25
						say 2682m³
3	Code No.2.6.1					
	Earthwork in excavation					
	Infiltration Tank	1x1	8.55	3.000	1.800	46.17
						say47m³
4	Code No.2.27					
	S/F River sand					
	Infiltration tank	1x4	1.50	1.800	0.300	3.240
						say 3.24 m³
5	Code No.4.1.10					
	P/L P.C.C 1:5:10					
	Infiltration tank inside	1x1	8.50	3.000	0.230	5.860
						Say5.86 m³
6	Code No.4.3.2					
	Centring and shuttering					
	Infiltration tank lintel beam	1x3	1.8		1.05	8.510
						say9.0m²
7	Code No.7.12					
	R.R Masonry					
	All-round Infiltration tank	1x1	20.1	0.45	1.50	13.560
	Cross wall	1x3	1.8	0.45	1.5	3.650
	Chamber	1x1	3.15	0.45	0.90	1.270
						18.480
						say19.0m³

8	Code No.5.3.1					
	R.C.C Roof lintel					
	Infiltration Tank	1x2	2.70	0.45	0.30	1.090
						1.090
						say1.50m³
9	Code No.7.6D					
	Steel (Infiltration Tank)					
	Lintel	1x1	1.5	150 kg/m ³		225kg
						say0.23MT
10	Code No.9.134.1					
	Godrej Nav tal lock					
		1x2				2.00
						say2.00Nos
11	Code No.10.27					
	Grill work					
		1x1	8.500	3.000	30	765.00
						say765kg
12	Code No.13.50.3					
	Applying priming coat					
		11x	8.500	3.000	2.000	51.00
						say51m²
13	Non PSR Item					
	Supplying and filling 45mm HBG Metal					
	Infiltration tank inside	1x4	1.500	1.800	0.450	4.860
						say5.0m³
14	Non PSR Item					
	Supplying and filling 26.50mm HBG Metal					
	Infiltration tank inside	1x4	1.500	1.800	0.450	4.860
						say5.0m³
15	Code No.19.6.5					
	NP2 RCC pipe					
		1x2	10.00			20.00
						say 20 m
16	Code No. 30.4					
	Banking of available excavated earth	1x1	same Qty as item No.2			say 2682 m³

Pond 17: Rejuvenation of the Arippan kulam at Sorapet village

Sl. No.	Sub heads and Item of work	As per existing DPR				Revised proposal / Estimate				Difference	Remarks
		Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount		
1	Code No:1.1.1: Carriage of excavated surplus by mechanical transport including loading, unloading as directed by the Engineer-in-charge with a lead of 2 Kms	1,080.00	m ³	142.29	153673	1,080.00	m ³	80.00	86400	-67,273.20	Work completed
2	Code No:2.8.1: Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms , lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed , within a lead of 50m -All kinds of soil.	110.00	m ³	226.87	24956	0.00	0.0	0.00	0.00	-24,955.70	Item dropped
3	Code No: 2.27: Supplying and filling in plinth with sand under floors including, watering, ramming consolidating and dressing complete.	1.00	m ³	1,603.96	1604	0.00	-	0.00	-	-1,603.96	Item dropped
4	Code No: 4.1.3: Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering.- All work upto plinth level - 1:2:4 (1 cement:2coarse sand : 4 graded stone aggregate 20mm nominal size)	7.00	m ³	5,533.67	38736	0.00	-	0.00	-	-38,735.69	Item dropped
5	Code No: 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:3coarse sand : 6 graded stone aggregate 20mm nominal size)	135.00	m ³	4,809.83	649327	0.00	-	0.00	-	-6,49,327.05	Item dropped
6	Code No: 4.1.10: Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering.- All work upto plinth level - 1:5:10 (1 cement:5coarse sand : 10 graded	17.00	m ³	3,856.18	65555	0.00	-	0.00	-	-65,555.06	Item dropped

	stone aggregate 40mm nominal size)													
7	Code No: 4.3.1: Centring and shuttering, including strutting propping etc and removal of formwork for foundations, footings, bases of columns:- Using steel sheet with M.S frames.	513.00	m ²	271.80	1 m ³	139433	0.00	-	0.00	-	0	-	1,39,433.40	Item dropped
8	Code No:30.5: Earth work in rough excavation and dressing up in embankment by using machinery for roads, flood banks, marginal banks and guide banks or filling up ground depression within a initial lead of 50m and lift upto 6.0m in all kinds of soil(Payment shall be made based on levels).	1800.00	m ³	40.79	1m ³	73422	1,800.00	0.0	40.00	0.00	72000	-1,422.00		Work completed
9	Code No: 30.8: Providing and fixing 110mm dia PVC pipe (4kg/cm2) in weep holes including cement concrete 1:5:10 (1 cement : 5 coarse sand:10 graded stone aggregate) and filling of pebbles etc., as directed by the Engineer-in-charge.	105.00	m	207.28	1m	21764	0.00	-	0.00	-	0	-21,764.40		Item dropped
10	Code No: 30.27A: Providing and fixing cement concrete rings of 900mm dia,300mm height and 40mm thick in 1:2:4 (one cement, two sand and four 12mm HBG metal) and provided with nominal reinforcement. The rate to include the cost of cement concrete rings, transportation to site, labour for erection, fixing with cement mortar 1:3 (one cement and three sand) all complete.	20.00	Nos	285.84	1No	5717	0.00	-	0.00	-	0	-5,716.80		Item dropped
11	Code No: 30.28: Providing and fixing UPVC top cover suitable for 150mm dia pipe. The rate to include the cost of cover, transportation to site and fixing in position.	4.00	Nos	249.38	1No	998	0.00	-	0.00	-	0	-997.52		Item dropped
12	Code No: 30.29: Supplying and lowering of UPVC 150mm dia Plain casing pipe conforming to IS. 12818-1992 with relevant amendments with class designation CM and with minimum wall thickness of 7.5mm as per I.S.Code into	96.00	Rmt	1,001.41	1Rmt	96135	0.00	-	0.00	-	0	-96,135.36		Item dropped

	the bore well with proper vertical alignments etc. Including the cost of materials, but excluding the cost of labour for positioning the assembly for lowering purpose using contractor's rig.												
13	Code No: 30.30: Extra for providing 3mm slots in 150mm dia. UPVC casing pipes.	96.00	Rmt	54.26	1Rmt	5209	0.00	-	0.00	-	0	-5,208.96	Item dropped
14	Code No: 30.32: Providing and fixing netlon mesh	3.00	m ²	339.80	1 m ²	1019	0.00	-	0.00	-	0	-1,019.40	Item dropped
15	Code No: 31.161.1G: Providing, laying and jointing UPVC pipes (Finolex/Jain) (0.6 Mpa) conforming to IS specification 4985 and ISI marked including transportation to the site, lowering to the trenches, laying to proper grade and alignment, testing of joints with required testing equipment, including cost of solvent cement, excluding UPVC specials such as bends, tees, threaded pieces, couplers, reducer, endcaps etc., complete all as per IS and CPWD specification. - 140mm dia.	7.50	m	529.70	1m	3973	0.00	-	0.00	-	0	-3,972.75	Item dropped
16	Code No: 31.171.1J: Providing and fixing in position UPVC moulded endcap (Finolex/Jain) (0.6 Mpa) conforming to IS 7834 part II and ISI Marked, including labour charges for jointing, jointing materials etc.,complete - 140mm dia	4.00	Nos	197.13	1No	789	0.00	-	0.00	-	0	-788.52	Item dropped
17	Code No: 33.27.1.1: Drilling of borewell anywhere in Pondicherry including transportation in alluvial soil, sedimentary strata of clay, sand stone, shale, pebbles, boulders etc. by first taking a pilot bore of 140mm / 150mm / 200mm and then enlarging to required dia by direct or reverse rotary mud circulation method, including fuel, labour for drilling, bentonite mud, water required for drilling at the site, construction of mud pit (water available within a lead of 1.5Km) using	94.00	m	747.70	1m	70284	0.00	-	0.00	-	0	-70,283.80	Item dropped

	rotary rig. -Upto 60 mts depth ending below ground level.												
18	Code No: 33.27.3.1: Reaming from 200 mm dia pilot bore to 350mm dia bore. Upto 60 mts depth ending below ground level.	94.00	m	211.10	1m	19843	0.00	-	0.00	-	0	-19,843.40	Item dropped
19	Code No: 33.27.5: Charges for developing the borewells with air compressor of 600 CFM capacity (minimum 8 hours) including transportation labour and fuel charges for compressor and conducting yield test by "V" Notch methods.	32.00	hrs	1,101.10	1hrs	35235	0.00	-	0.00	-	0	-35,235.20	Item dropped
20	Code No: 33.27.11: Supplying transportation and packing of 8mm size down gauge-graded pebbles including filling the annular space gradually complete. The pebbles disintegrated pieces should be free from any disintegrated pieces.	13.00	m ³	2,965.39	1 m ³	38550	0.00	-	0.00	-	0	-38,550.07	Item dropped
21	Non PSR Item: Providing and fixing cement concrete rings of 1200mm dia,300mm height and 50mm wall thickness in C.C 1:2:4 (one cement, two sand and four 12mm HBG metal) with or without slots in the walls and provided with nominal reinforcement. The rate to include the cost of cement concrete rings, transportation to site, labour and erection, fixing with cement mortar 1:3 (one cement: three sand) all complete (Rate approved by SE Vide Ltr.No.5973/PWS/SE-II/A6,dt:06.10.2009)	20.00	Nos	750.00	1No	15000	0.00	-	0.00	-	0	-15,000.00	Item dropped
						Total	1461222					158400	-1302822
22	Add V.A.T @ 0.70%						10229					-	-10,229
23	Advertisement charges						0					5000	5,000
24	Lumpsum charges for fixing name board						0					15000	15,000
25	Contingencies @ 3%						8549					4700	3,849
						Grand Amount	1480000					183100	-12,96,900

Details of Estimate of the Rejuvenation of the Arippan kulam at Sorapet

SI NO	Details of works	Number	Measurements in metres			Area of Contents
			Length	Breadth	Depth	
1	Code No:1.1.1					
	Carriage of excavated earth					
	Bund all-round	1x1	60.00	40.00	0.450	1080.00
						say 1080m³
2	Code No:30.5					
	Earthwork in rough excavation					
		1x1	60.00	40.00	0.75	1800.00
						say 1800m³

Pond 18: Rejuvenation of the Kalkatti kulam at Sompert village

Sl. No.	Sub heads and Item of work	As per existing DPR					Revised proposal / Estimate					Difference	Remarks
		Qty		Rate	Per	Amount	Qty		Rate	Per	Amount		
1	Code No:2.31: Clearing jungle including uprooting of rank vegetation, grass, brushwood, trees and saplings of girth upto 30cm measured at a height of 1m above ground level and removal of rubbish upto a distance of 50m outside the periphery of the area cleared.	1000.00	m ²	6.34		6340	1000.00	m ²	5.00		5000	-1340	Work completed
2	Code No:30.5: Earth work in rough excavation and dressing up in embankment by using machinery for roads, flood banks, marginal banks and guide banks or filling up ground depression within a initial lead of 50m and lift upto 6.0m in all kinds of soil (Payment shall be made based on levels).	2118.00	m ³	40.79	1m ³	86393	2118.00	m ³	30.00	1m ³	63540	-22853	work to be executed
3	Code No: 2.8.1: Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50m -All kinds of soil.	143.00	m ³	226.87	1 m ³	32442	0.00	-	0.00	-	0.00	-32442	Item dropped
4	Code No: 2.27: Supplying and filling in plinth with sand under floors including, watering, ramming consolidating and dressing complete.	1.00	m ³	1,603.96	1 m ³	1604	0.00	-	0.00	-	0.00	-1604	Item dropped
5	Code No: 4.1.10: Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering.- All work upto plinth level - 1:5:10 (1 cement:5coarse sand : 10 graded stone aggregate 40mm nominal size)	23.00	m ³	3,856.18	1 m ³	88692	0.00	-	0.00	-	0.00	-88692	Item dropped
6	Code No: 4.1.3: Providing and laying in position cement concrete of specified grade	2.00	m ³	5,533.67	1 m ³	11067	0.00	-	0.00	-	0.00	-11067	Item dropped

	excluding the cost of centring and shuttering.- All work upto plinth level - 1:2:4 (1 cement:2coarse sand : 4 graded stone aggregate 20mm nominal size)												
7	Code No: 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:3coarse sand : 6 graded stone aggregate 20mm nominal size)	190.00	m ³	4,809.83	1 m ³	913868	0.00	-	0.00	-	0.00	-913868	Item dropped
8	Code No: 4.3.1: Centring and shuttering, including strutting propping etc and removal of formwork for foundations, footings, bases of columns:- Using steel sheet with M.S frames.	722.00	m ²	271.80	1 m ³	196240	0.00	-	0.00	-	0.00	-196240	Item dropped
9	Code No: 33.27.1.1: Drilling of borewell anywhere in Pondicherry including transportation in alluvial soil, sedimentary strata of clay, sandstone, shale, pebbles, boulders etc. by first taking a pilot bore of 140mm/150mm/200mm and then enlarging to required dia by direct or reverse rotary mud circulation method, including fuel, labour for drilling, bentonite mud, water required for drilling at the site, construction of mud pit (water available within a lead of 1.5Km) using rotary rig. -Upto 60 mts depth ending below ground level.	24.00	m	747.70	1m	17945	0.00	-	0.00	-	0.00	-17945	Item dropped
10	Code No: 33.27.3.1: Reaming from 200 mm dia pilot bore to 350mm dia bore. Upto 60 mts depth ending below ground level	24.00	m	211.10	1m	5066	0.00	-	0.00	-	0.00	-5066	Item dropped
11	Code No: 30.29: Supplying and lowering of UPVC 150mm dia Plain casing pipe conforming to IS. 12818-1992 with relevant amendments with class designation CM and with minimum wall thickness of 7.5mm as per I.S.Code into the bore well with proper vertical alignments etc. Including the cost of materials, but excluding the cost of labour for	24.00	Rmt	1,001.49	1Rmt	24036	0.00	-	0.00	-	0.00	-24036	Item dropped

	positioning the assembly for lowering purpose using contractor's rig.												
12	Code No: 30.30: Extra for providing 3mm slots in 150mm dia. UPVC casing pipes.	24.00	Rmt	54.26	1Rmt	1302	0.00	-	0.00	-	0.00	-1302	Item dropped
13	Code No: 30.28: Providing and fixing UPVC top cover suitable for 150mm dia pipe. The rate to include the cost of cover, transportation to site and fixing in position.	1.00	Nos	249.38	1No	249	0.00	-	0.00	-	0.00	-249	Item dropped
14	Code No: 33.27.11: Supplying transportation and packing of 8mm size down gauge-graded pebbles including filling the annular space gradually complete. The pebbles disintegrated pieces. should be free from any disintegrated pieces.	4.00	m ³	2,965.39	1 m ³	11862	0.00	-	0.00	-	0.00	-11862	Item dropped
15	Code No: 33.27.5: Charges for developing the borewells with air compressor of 600 CFM capacity (minimum 8 hours) including transportation labour and fuel charges for compressor and conducting yield test by "V" Notch methods.	8.00	hrs	1,101.10	1 hrs	8809	0.00	-	0.00	-	0.00	-8809	Item dropped
16	Code No: 30.8: Providing and fixing 110mm dia PVC pipe (4kg/cm ²) in weep holes including cement concrete 1:5:10 (1 cement : 5 coarse sand:10 graded stone aggregate) and filling of pebbles etc., as directed by the Engineer-in-charge.	209.00	m	207.28	1m	43322	0.00	-	0.00	-	0.00	-43322	Item dropped
17	Code No: 30.27A: Providing and fixing cement concrete rings of 900mm dia,300mm height and 40mm thick in 1:2:4 (one cement, two sand and four 12mm HBG metal) and provided with nominal reinforcement. The rate to include the cost of cement concrete rings, transportation to site, labour for erection, fixing with cement mortar 1:3 (one cement and three sand) all complete.	5.00	Nos	285.84	1No	1429	0.00	-	0.00	-	0.00	-1429	Item dropped
18	Non PSR Item: Providing and fixing cement concrete rings of 1200mm dia,300mm height and 50mm wall	5.00	Nos	750.00	1No	3750	0.00	-	0.00	-	0.00	-3750	Item dropped

	thickness in C.C 1:2:4 (one cement, two sand and four 12mm HBG metal) with or without slots in the walls and provided with nominal reinforcement. The rate to include the cost of cement concrete rings, transportation to site, labour and erection, fixing with cement mortar 1:3 (one cement: three sand) all complete (Rate approved by SE Vide Ltr.No.5973/PWS/SE-II/A6,dt:06.10.2009)												
19	Code No: 31.161.1G: Providing, laying and jointing UPVC pipes (Finolex/Jain) (0.6 Mpa) conforming to IS specification 4985 and ISI marked including transportation to the site, lowering to the trenches, laying to proper grade and alignment, testing of joints with required testing equipment, including cost of solvent cement, excluding UPVC specials such as bends, tees, threaded pieces, couplers, reducer, endcaps etc., complete all as per IS and CPWD specification. - 140mm dia.	2.00	m	529.70	1m	1059	0.00	-	0.00	-	0.00	-1059	Item dropped
20	Code No: 31.171.1J : Providing and fixing in position UPVC moulded endcap (Finolex/Jain)(0.6 Mpa) conforming to IS 7834 part II and ISI Marked, including labour charges for jointing, jointing materials etc.,complete - 140mm dia	1.00	Nos	197.13	1No	197	0.00	-	0.00	-	0.00	-197	Item dropped
21	Code No: 30.32: Providing and fixing netlon mesh	1.00	m ²	339.80	1 m ²	340	0.00	-	0.00	-	0.00	-340	Item dropped
22	Code No: 19.6.5: Providing and laying non pressure NP2 class (light duty) RCC pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc complete - 450mm dia RCC pipe.	20.00	m	1,393.49	1Rmt	27870	20.00	m	1,500.00	1rmt	30000	2130	work to be executed
23	Code No: 30.4: Banking available earth in layers not exceeding 20cm in depth breaking clods, watering , rolling each layers with 1/2 tonne roller or wooden or	0.00	0.00	0.00	0.00	0	2118.00	m ³	101.39	1m3	214744	214744	For strengthening of bunds the item is

Details of estimate of the Rejuvenation of the Kalkatti kulam at Sompet village.

SI NO	Details of works	Number	Measurements in metres			Area of Contents
			Length	Breadth	Depth	
1	Code No:2.31					
	Clearing jungle including uprooting of rank					
	Bund all-round	1x1	250.00		4.000	1000.00
						1000.00
						say1000m²
2	Code No:30.5					
	Rough Earthwork Excavation					
		1x1	70.00	55.00	0.55	2117.50
						say2118m³
3	Code No.19.6.5					
	NP2 R.C.C pipes					
	inlet pipe	1x1	20			20.00
						say20m
4	Code 30.4					
	Banking of available excavated earth	1x1	Same Qty as item no.2			say 2118 m³

Pond 19: Rejuvenation of the Ayyanarkoil kulam at Sompeta village

Sl. No.	Sub heads and Item of work	As per existing DPR				Revised Proposal / Estimate				Difference	Remarks		
		Qty		Rate	Per	Amount	Qty		Rate			Per	Amount
1	Code No:2.31: Clearing jungle including uprooting of rank Vegetation, grass, brushwood, trees and saplings of girth upto 30cm measured at a height of 1m above ground level and removal of rubbish upto a distance of 50m outside the periphery of the area cleared.	3280.00	m ²	6.34	1m ²	20795	3280.00	m ²	5.00	1m ²	16400	-4395.20	work completed
2	Code No:30.5: Earth work in rough excavation and dressing up in embankment by using machinery for roads, flood banks, marginal banks and guide banks or filling up ground depression within a initial lead of 50m and lift upto 6.0m in all kinds of soil(Payment shall be made based on levels).	2625.00	m ³	40.79	1m ³	107074	2625.00	m ³	30.00	1m ³	78750	-28323.75	work to be executed
3	Code No:2.6.1: Earthwork in excavation by mechanical means (Hydraulic excavator / manual means each areas exceeding 30cm in depth 1.5m in width as well as 10sqm on plan including disposal of excavated earth upto 50m and lift upto 1.5m, disposed soil to be levelled and neatly dressed - All kinds of soil.	47.00	m ³	223.25	1m ³	10493	47.00	m ³	175.00	1m ³	8225.00	-2267.75	work to be executed
4	Code No:2.8.1: Earth work in excavation by mechanical means (Hydraulic excavator)/manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan)including dressing of sides and ramming of bottoms , lift upto 1.5m, including getting out the excavated soil and	112.00	m ³	226.87	1 m ³	25409	0.00	-	0.00	-	0.00	-25409.44	Work dropped

	disposal of surplus excavated soil as directed , within a lead of 50m -All kinds of soil.												
5	Code No:2.27: Supplying and filling in plinth with sand under floors including, watering, ramming consolidating and dressing complete.	4.00	m ³	1,603.96	1 m ³	6416	3.24	m ³	2000.00	1m ³	6480.00	64.16	work to be executed
6	Code No: 4.1.10: Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering.- All work upto plinth level -1:5:10 (1 cement:5coarse sand : 10 graded stone aggregate 40mm nominal size)	25.00	m ³	3,856.18	1 m ³	96405	5.86	m ³	4100.00	1m ³	23440.00	-72964.50	work to be executed
7	Code No: 4.1.3: Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering.- All work upto plinth level -1:2:4 (1 cement:2coarse sand : 4 graded stone aggregate 20mm nominal size)	2.00	m ³	5,533.67	1 m ³	11067	0.00	-	0.00	-	0.00	-11067.34	work to be executed
8	Code No: 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:3coarse sand : 6 graded stone aggregate 20mm nominal size)	150.00	m ³	4,809.83	1 m ³	721475	0.00	-	0.00	-	0.00	-721474.50	Work dropped
9	Code No: 4.3.1: Centring and shuttering, including strutting propping etc and removal of formwork for foundations, footings, bases of columns:- Using steel sheet with M.S frames.	570.00	m ²	271.80	1 m ²	154926	0.00	-	0.00	-	0.00	-154926.00	Work dropped
10	Code No: 4.3.2: Centring and shuttering, including strutting propping etc and removal of formwork for: Retaining wall, return walls, (any thickness) including	9.00	m ²	444.15	1m ²	3997	9.00	m ²	300.00	1m ²	2700.00	-1297.35	work to be executed

	attached pilasters, buttresses plinth and string courses fillets etc: - Using steel sheet with M.S frames.												
11	Code No: 17.2: Random rubble masonry (course) in cement sand mortar 1:3 in foundation upto a depth of 1.50 metres and 1.50 above ground / bed level.	19.00	m ³	5,090.42	1 m ³	96718	19.00	m ³	3820.00	1m ³	72580.00	-24137.98	work to be executed
12	Code No: 5.3.1: Reinforced cement concrete work in beams, suspended floors, roofs having slope upto 15 degree landings, balconies, shelvers, chajjas, lintels, bands, plain window sills, staircases and spiral staircases upto floor five level excluding the cost of centring, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand :3 graded stone aggregate 20mm nominal size.)	1.50	m ³	7,120.05	1 m ³	10680	1.50	m ³	7200.00	1m ³	10800.00	119.92	work to be executed
13	Code No: 7.6D: Steel reinforcement for R.C.C works including bending, binding and placing in position - Thermo Mechanical Treated Bars (ISI brand approved make) Including placing the M30 grade Athees make cover block @ 60cm centre to centre.	0.23	MT	61,914.24	1MT	14240	0.23	m ³	7000.00	MT	16100.00	1859.72	work to be executed
14	Code No: 9.134.1: Providing and fixing of 65mm godrej nav tal lock of 6 leavers etc complete.	2.00	No	434.03	1No	868	2.00	No	450.00	1No	900.00	31.94	work to be executed
15	Code No: 10.27: Supplying and fixing of steel grill work of m.s angles, flats, squares and pipes including cost of welding charges, fixing in position in masonry walls with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5mm nominal size) Including one coat of priming	765.00	kg	81.33	1kg	62217	765.00	kg	90.00	1kg	68850.00	6632.55	work to be executed

	coat etc., complete.												
16	Code No: 13.50.3: Applying priming coat: with ready mixed red oxide zing chromate primer of approved brand and manufacture on steel galvanised / iron works	51.00	m ²	35.37	1m ²	1804	51.00	m ²	45.00	1m ²	2292.00	488.13	work to be executed
17	Non PSR item Code No: 0118: Supplying and filling with 45mm HBG metal to the work site including cost of loading, unloading and filling etc.,	5.00	m ³	939.20	1 m ³	4696	5.00	m ³	1500.00	1m ³	7500.00	2804.00	work to be executed
18	Non-PSR item Code No: 0114: Supplying and filling with 26.50mm HBG metal to the work site including cost of loading, unloading and filling etc., complete.	5.00	m ³	1,229.58	1 m ³	6148	5.00	m ³	1800.00	1m ³	9000.00	2852.10	work to be executed
19	Code No: 33.27.1.1: Drilling of borewell anywhere in Pondicherry including transportation in alluvial soil, sedimentary strata of clay, sand stone, shale, pebbles, boulders etc. by first taking a pilot bore of 140mm / 150mm / 200mm and then enlarging to required dia by direct or reverse rotary mud circulation method, including fuel, labour for drilling, bentonite mud, water required for drilling at the site, construction of mud pit (water available within a lead of 1.5Km) using rotary rig. -Upto 60 mts depth ending below ground level.	24.00	m	747.70	1m	17945						-17944.80	Work dropped
20	Code No: 33.27.3.1: Reaming from 200 mm dia pilot bore to 350mm dia bore. Upto 60 mts depth ending below ground level	24.00	m	211.10	1m	5066	0.00	-	0.00	-	0.00	-5066.40	Work dropped
21	Code No: 30.29: Supplying and lowering of UPVC 150mm dia Plain casing pipe conforming to IS. 12818-1992 with relevant amendments	24.00	Rmt	1,001.49	1Rmt	24036	0.00	-	0.00	-	0.00	-24035.76	Work dropped

	with class designation CM and with minimum wall thickness of 7.5mm as per I.S.Code into the bore well with proper vertical alignments etc. Including the cost of materials, but excluding the cost of labour for positioning the assembly for lowering purpose using contractor's rig.												
22	Code No: 30.30: Extra for providing 3mm slots in 150mm dia. UPVC casing pipes.	24.00	Rmt	54.26	1Rmt	1302	0.00	-	0.00	-	0.00	-1302.24	Work dropped
23	Code No: 30.28: Providing and fixing UPVC top cover suitable for 150mm dia pipe. The rate to include the cost of cover, transportation to site and fixing in position.	1.00	Nos	249.38	1No	249	0.00	-	0.00	-	0.00	-249.38	Work dropped
24	Code No: 33.27.11: Supplying transportation and packing of 8mm size down gauge-graded pebbles including filling the annular space gradually complete. The pebbles disintegrated pieces. should be free from any disintegrated pieces.	4.00	m ³	2,965.39	1 m ³	11862	0.00	-	0.00	-	0.00	-11861.56	Work dropped
25	Code No: 33.27.5: Charges for developing the borewells with air compressor of 600 CFM capacity (minimum 8 hours) including transportation labour and fuel charges for compressor and conducting yield test by "V" Notch methods.	8.00	hrs	1,101.10	1 hrs	8809	0.00	-	0.00	-	0.00	-8808.80	Work dropped
26	Code No: 30.8: Providing and fixing 110mm dia PVC pipe (4kg/cm ²) in weep holes including cement concrete 1:5:10 (1 cement : 5 coarse sand:10 graded stone aggregate) and filling of pebbles etc., as directed by the Engineer-in-	68.00	m	207.28	1m	14095	0.00	-	0.00	-	0.00	-14095.04	Work dropped

	charge.												
27	Code No: 30.27A : Providing and fixing cement concrete rings of 900mm dia,300mm height and 40mm thick in 1:2:4 (one cement, two sand and four 12mm HBG metal) and provided with nominal reinforcement. The rate to include the cost of cement concrete rings, transportation to site, labour for erection, fixing with cement mortar 1:3 (one cement and three sand) all complete.	5.00	Nos	285.84	1No	1429	0.00	-	0.00	-	0.00	-1429.20	Work dropped
28	Non PSR Item: Providing and fixing cement concrete rings of 1200mm dia,300mm height and 50mm wall thickness in C.C 1:2:4 (one cement, two sand and four 12mm HBG metal) with or without slots in the walls and provided with nominal reinforcement. The rate to include the cost of cement concrete rings, transportation to site, labour and erection, fixing with cement mortar 1:3 (one cement: three sand) all complete (Rate approved by SE Vide Ltr.No.5973/PWS/SE-II/A6,dt:06.10.2009)	5.00	Nos	750.00	1No	3750	0.00	-	0.00	-	0.00	-3750.00	Work dropped
29	Code No: 31.161.1G: Providing, laying and jointing UPVC pipes (Finolex/Jain) (0.6 Mpa) conforming to IS specification 4985 and ISI marked including transportation to the site, lowering to the trenches, laying to proper grade and alignment, testing of joints with required testing equipment, including cost of solvent cement, excluding UPVC specials such as bends, tees, threaded pieces, couplers, reducer, endcaps etc.,	2.00	m	529.70	1m	1059	0.00	-	0.00	-	0.00	-1059.40	Work dropped

	complete all as per IS and CPWD specification. - 140mm dia.												
30	Code No: 31.171.1J : Providing and fixing in position UPVC moulded endcap (Finolex/Jain) (0.6 Mpa) conforming to IS 7834 part II and ISI Marked, including labour charges for jointing, jointing materials etc.,complete -140mm dia	1.00	Nos	197.13	1No	197	0.00	-	0.00	-	0.00	-197.13	Work dropped
31	Code No: 30.32: Providing and fixing netlon mesh	1.00	m ²	339.80	1 m ²	340	0.00	-	0.00	-	0.00	-339.80	Work dropped
32	Code No: 19.6.5: Providing and laying non pressure NP2 class (light duty) RCC pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc, complete - 450mm dia RCC pipe.	20.00	m	1,393.49	1m	27870	20.00	m	1500.00	1rmt	30000	2130.20	work to be executed
33	Code No: 30.4: Banking available earth in layers not exceeding 20cm in depth breaking clods, watering , rolling each layers with 1/2 tonne roller or wooden or steel rammers and dressing up in embankments for roads flood banks , marginal banks and guide banks etc and lift upto 1.5m in all kinds of soil. The quantity of the fill shall be calculated based on levels and then reduced by 10% for the purpose of payment	0.00	0.00	0.00	0.00	0	2625.00	m ³	101.39	1m ³	266149	266148.75	For strengthening of bunds the item is necessary and it is not included in the existing DPR
						Total	1473438				620166	-853272	
34	Add V.A.T @ 0.70%						10314					-	-10314
35	Advertisement charges						0				5000	5000	
36	Lumpsum charges for fixing name board						0				15000	15000	
37	Contingencies @ 0.50%						8248				18534	-10286	
						Grand Amount	1492000				658700	-833300	

Details of Estimate of the Rejuvenation of the Ayyanarkoil kulam at Sompet village.

SI NO	Details of works	Number	Measurements in metres			Area of Contents
			Length	Breadth	Depth	
1	Code No:2.31					
	Clearing Jungle including uprooting					
	Bund all-round	1x1	240.00	7.00		1680.00
	Inside pond	1x1	40.00	40.00		1600.00
						3280.00
						say3280m²
2	Code No:30.5					
	Rough Earthwork Excavation					
		1x1	70.00	50.00	0.75	2625.00
						say 2625m³
3	Code No.2.6.1					
	Earthwork in excavation					
	Infiltration Tank	1x1	8.55	3.000	1.800	46.17
						say47m³
4	Code No.2.27					
	S/F River sand					
	Infiltration tank	1x4	1.50	1.800	0.300	3.240
						say 3.24 m³
5	Code No.4.1.10					
	P/L P.C.C 1:5:10					
	Infiltration tank inside	1x1	8.50	3.000	0.230	5.860
						Say5.86 m³
6	Code No.4.3.2					
	Centring and shuttering					
	Infiltration tank lintel beam	1x3	1.8		1.05	8.510
						say9.0m²

7	Code No.7.12					
	R.R Masonry					
	All-round Infiltration tank	1x1	20.1	0.45	1.50	13.560
	Cross wall	1x3	1.8	0.45	1.5	3.650
	Chamber	1x1	3.15	0.45	0.90	1.270
						18.480
						say19.0m³
8	Code No.5.3.1					
	R.C.C Roof lintel					
	Infiltration Tank	1x2	2.70	0.45	0.30	1.090
						1.090
						say1.50m³
9	Code No.7.6D					
	Steel (Infiltration Tank)					
	Lintel	1x1	1.5	150 kg/m ³		225kg
						say0.23MT
10	Code No.9.134.1					
	Godrej Nav tal lock					
		1x2				2.00
						say2.00Nos
11	Code No.10.27					
	Grill work					
		1x1	8.500	3.000	30	765.00
						say765kg
12	Code No.13.50.3					
	Applying priming coat					

		11x	8.500	3.000	2.000	51.00
						say 51m²
13	Non PSR Item					
	Supplying and filling 45mm HBG Metal					
	Infiltration tank inside	1x4	1.500	1.800	0.450	4.860
						say 5.0m³
14	Non PSR Item					
	Supplying and filling 26.50mm HBG Metal					
	Infiltration tank inside	1x4	1.500	1.800	0.450	4.860
						say 5.0m³
15	Code No.19.6.5					
	NP2 RCC pipe					
		1x2	10.00			20.00
						say 20 m
16	Code No. 30.4					
	Banking of available excavated earth	1x1	same Qty as item No.2			say 2625 m³

Pond 20: Rejuvenation of the Theertha kulam at Vadhanur village

Sl. No.	Sub heads and Item of work	As per existing DPR					Revised Proposal /Estimate					Difference	Remarks
		Qty		Rate	Per	Amount	Qty		Rate	Per	Amount		
1	Code No:2.31: Clearing jungle including uprooting of rank vegetation, grass, brushwood, trees and saplings of girth upto 30cm measured at a height of 1m above ground level and removal of rubbish upto a distance of 50m outside the periphery of the area cleared.	2100.00	m ²	6.34	m ²	13314	2100.00	m ²	7.35		15435	2121	work to be executed
2	Code No:30.5: Earth work in rough excavation and dressing up in embankment by using machinery for roads, flood banks, marginal banks and guide banks or filling up ground depression within a initial lead of 50m and lift upto 6.0m in all kinds of soil (Payment shall be made based on levels).	2860.00	m ³	40.79	1m ³	116659	2860.00	m ³	25.60	1m ³	73216	-43443	work to be executed
3	Code No:2.8.1: Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms , lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed , within a lead of 50m -All kinds of soil.	129.00	m ³	226.87	1 m ³	29226	0.00	-	0.00	-	0.00	-29226	Work dropped
4	Code No: 2.27: Supplying and filling in plinth with sand under floors including, watering, ramming consolidating and dressing complete.	1.00	m ³	1,603.96	1 m ³	1604	0.00	-	0.00	-	0.00	-1604	Work dropped
5	Code No: 4.1.10: Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering.- All work upto plinth level - 1:5:10 (1 cement:5coarse sand : 10 graded stone aggregate 40mm nominal size)	21.00	m ³	3,856.18	1 m ³	80980	0.00	-	0.00	-	0.00	-80980	Work dropped

6	Code No: 4.1.3: Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering.- All work upto plinth level - 1:2:4 (1 cement:2coarse sand : 4 graded stone aggregate 20mm nominal size)	4.00	m ³	5,533.67	1 m ³	22135	0.00	-	0.00	-	0.00	-22135	Work dropped
7	Code No: 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:3coarse sand : 6 graded stone aggregate 20mm nominal size)	170.00	m ³	4,809.83	1 m ³	817671	0.00	-	0.00	-	0.00	-817671	Work dropped
8	Code No: 4.3.1: Centring and shuttering, including strutting propping etc and removal of formwork for foundations, footings, bases of columns:- Using steel sheet with M.S frames.	646.00	m ²	271.80	1 m ³	175583	0.00	-	0.00	-	0.00	-175583	Work dropped
9	Code No: 33.27.1.1: Drilling of borewell anywhere in Pondicherry including transportation in alluvial soil, sedimentary strata of clay, sandstone, shale, pebbles, boulders etc. by first taking a pilot bore of 140mm / 150mm / 200mm and then enlarging to required dia by direct or reverse rotary mud circulation method, including fuel, labour for drilling, bentonite mud, water required for drilling at the site, construction of mud pit (water available within a lead of 1.5Km) using rotary rig. - Upto 60 mts depth ending below ground level.	47.00	m	747.70	1m	35142	0.00	-	0.00	-	0.00	-35142	Work dropped
10	Code No: 33.27.3.1: Reaming from 200 mm dia pilot bore to 350mm dia bore. Upto 60 mts depth ending below ground level	47.00	m	211.10	1m	9922	0.00	-	0.00	-	0.00	-9922	Work dropped
11	Code No: 30.29: Supplying and lowering of UPVC 150mm dia Plain casing pipe conforming to IS. 12818-1992 with relevant amendments with class	48.00	Rmt	1,001.49	1Rmt	48072	0.00	-	0.00	-	0.00	-48072	Work dropped

	designation CM and with minimum wall thickness of 7.5mm as per I.S.Code into the bore well with proper vertical alignments etc. Including the cost of materials, but excluding the cost of labour for positioning the assembly for lowering purpose using contractor's rig.												
12	Code No: 30.30: Extra for providing 3mm slots in 150mm dia. UPVC casing pipes.	48.00	Rmt	54.26	1Rmt	2604	0.00	-	0.00	-	0.00	-2604	Work dropped
13	Code No: 30.28: Providing and fixing UPVC top cover suitable for 150mm dia pipe. The rate to include the cost of cover, transportation to site and fixing in position.	2.00	Nos	249.38	1No	499	0.00	-	0.00	-	0.00	-499	Work dropped
14	Code No: 33.27.11: Supplying transportation and packing of 8mm size down gauge-graded pebbles including filling the annular space gradually complete. The pebbles disintegrated pieces should be free from any disintegrated pieces.	7.00	m ³	2,965.39	1 m ³	20758	0.00	-	0.00	-	0.00	-20758	Work dropped
15	Code No: 33.27.5: Charges for developing the borewells with air compressor of 600 CFM capacity (minimum 8 hours) including transportation labour and fuel charges for compressor and conducting yield test by "V" Notch methods.	16.00	hrs	1,101.10	1 m ³	17618	0.00	-	0.00	-	0.00	-17618	Work dropped
16	Code No: 30.8: Providing and fixing 110mm dia PVC pipe (4kg/cm ²) in weep holes including cement concrete 1:5:10 (1 cement : 5 coarse sand:10 graded stone aggregate) and filling of pebbles etc., as directed by the Engineer-in-charge.	120.00	m	207.28	1m	24874	0.00	-	0.00	-	0.00	-24874	Work dropped
17	Code No: 30.27A: Providing and fixing cement concrete rings of 900mm dia,300mm height and 40mm thick in 1:2:4 (one cement, two sand and four 12mm HBG metal) and provided with	10.00	Nos	285.84	1No	2858	0.00	-	0.00	-	0.00	-2858	Work dropped

	nominal reinforcement. The rate to include the cost of cement concrete rings, transportation to site, labour for erection, fixing with cement mortar 1:3 (one cement and three sand) all complete.												
18	Non PSR Item: Providing and fixing cement concrete rings of 1200mm dia,300mm height and 50mm wall thickness in C.C 1:2:4 (one cement, two sand and four 12mm HBG metal) with or without slots in the walls and provided with nominal reinforcement. The rate to include the cost of cement concrete rings, transportation to site, labour and erection, fixing with cement mortar 1:3 (one cement: three sand) all complete (Rate approved by SE Vide Ltr.No.5973/PWS/SE-II/A6,dt:06.10.2009)	10.00	Nos	750.00	1No	7500	0.00	-	0.00	-	0.00	-7500	Work dropped
19	Code No: 31.161.1G: Providing, laying and jointing UPVC pipes (Finolex/Jain) (0.6 Mpa) conforming to IS specification 4985 and ISI marked including transportation to the site, lowering to the trenches, laying to proper grade and alignment, testing of joints with required testing equipment, including cost of solvent cement, excluding UPVC specials such as bends, tees, threaded pieces, couplers, reducer, endcaps etc., complete all as per IS and CPWD specification. - 140mm dia.	4.00	m	529.70	1m	2119	0.00	-	0.00	-	0.00	-2119	Work dropped
20	Code No: 31.171.1J: Providing and fixing in position UPVC moulded endcap (Finolex/Jain)(0.6 Mpa) conforming to IS 7834 part II and ISI Marked, including labour charges for jointing, jointing materials etc.,complete - 140mm dia	2.00	Nos	197.13	1No	394	0.00	-	0.00	-	0.00	-394	Work dropped
21	Code No: 30.32: Providing and fixing netlon mesh	2.00	m ²	339.80	1 m ²	680	0.00	-	0.00	-	0.00	-680	Work dropped

22	Code No: 19.6.5: Providing and laying non pressure NP2 class (light duty) RCC pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc complete - 450mm dia RCC pipe.	20.00	m	1,393.49	1Rmt	27870	20.00	m	1,018.36	1Rmt	20367	-7503	work to be executed
23	Code No: 30.4: Banking available earth in layers not exceeding 20cm in depth breaking clods, watering , rolling each layers with 1/2 tonne roller or wooden or steel rammers and dressing up in embankments for roads flood banks, marginal banks and guide banks etc and lift upto 1.5m in all kinds of soil. The quantity of the fill shall be calculated based on levels and then reduced by 10% for the purpose of payment	0.00	0.00	0.00	0.00	0	2,860.00	m ³	101.39	1m3	289975	289975	For strengthening of bunds the item is necessary and it is not included in the existing DPR
						Total	1458120				398994	-1059127	
24	Add GST @ 9.20%						10207					-	-10207
25	Advertisement charges						0				5000	5000	
26	Lumpsum Provision for fixing name board						0				15000	15000	
27	Contingencies @ 3%						6673				11906	-5233	
						Grand Amount	1475000				430900	-1044101	

Details of Estimate of the Rejuvenation of the Theertha kulam at Vadhanur village.

Sl. No.	Details of works	Number	Measurements in metres			Area of Contents
			Length	Breadth	Depth	
1	Code No:2.31					
	Clearing jungle including uprooting of rank					
	Pond inner	1x1	30.00	30.00		900.00
	Bund all-round	1x1	240.00		5.000	1200.00
						2100.00
						say2100m²
2	Code No:30.5					
	Rough Earthwork Excavation					
		1x1	60.00	55.00	0.800	2860.00
						2860.00
						say2860m³
3	Code No.30.4					
	Banking available Earth					
		1x1	same qty as per item no.2			2860.00
						say 2860 m³
22	Code No.19.6.5					
	NP2 R.C.C pipes					
	inlet pipe	1x1	20			20.00
						say20m

Pond 21: Construction of bathing ghat and desilting the Thamarai kulam (Muthal Kulam) at Bahour

Sl. no.	Sub heads and Item of work	As per Existing DPR				Revised Proposal / Estimate				Differences	Remarks		
		Qty		Rate	Per	Amount	Qty		Rate			Per	Amount
1	Code No:2.8.1: Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan)including dressing of sides and ramming of bottoms , lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50m -All kinds of soil.	138.00	m ³	226.87	1 m ³	31308	9.00	m ³	123.27	1 m ³	1109	-30199	Work to be taken up
2	Code No:2.31: Clearing jungle including uprooting of rank Vegetation, grass, brushwood, trees and saplings of girth upto 30cm measured at a height of 1m above ground level and removal of rubbish upto a distance of 50m outside the periphery of the area cleared.	2676.00	m ²	6.34	1m ²	16966	15134.00	m ²	7.35	1m ²	111235	94269	Work to be taken up
3	Code No: 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:3coarse sand : 6 graded stone aggregate 20mm nominal size)	48.00	m ³	4,809.83	1 m ³	230872	-	-	-	-	-	-230872	Item dropped
4	Code No: 4.1.10: Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering.- All work upto plinth level - 1:5:10 (1 cement:5coarse sand : 10 graded stone aggregate 40mm nominal size)	37.00	m ³	3,856.18	1 m ³	142679	2.00	m ³	3483.49	1 m ³	6967	-135712	Item dropped
5	Code No: 4.3.1: Centring and shuttering, including strutting propping etc and removal of formwork for foundations, footings, bases of columns:- Using steel sheet with M.S frames.	168.00	m ²	271.80	1 m ²	45662		-	-	-	-	-45662	Item dropped
6	Code No: 7.1.1: Random rubble masonry with hard stone in foundation and plinth	133.00	m ³	3,771.04	1 m ³	501548	21.00	m ³	3605.16	1 m ³	75708	-425840	Work to be taken up

	including levelling up with cement concrete 1:6:12 (1cement : 6 coarse sand : 12 graded stone aggregate 20mm nominal size) upto plinth level with - cement mortar 1:6 (1 cement : 6 coarse sand)												
7	Code No: 13.33.1: Pointing on stone work with cement mortar 1:3 (1 cement : 3 fine sand)-Flush/Ruled pointing	630.00	m ²	158.01	1 m ²	99546		-	-	-	-	-99546	Item dropped
8	Code No:30.5: Earth work in rough excavation and dressing up in embankment by using machinery for roads, flood banks, marginal banks and guide banks or filling up ground depression within a initial lead of 50m and lift upto 6.0m in all kinds of soil(Payment shall be made based on levels).	3435.00	m ³	40.79	1m ³	140114	9009.00	m ³	25.60	1m ³	230630	90516	Work to be taken up
9	Code No. 30.14: Dry stone pitching on slopes to required thickness and profile with hammer dressed granite stones having no side less than 15 cum for revetment works, preparing surface etc., complete as directed by the Engineer-in-charge.	103.00	m ³	2,431.62	1 m ³	250457		-	-	-	-	-250457	Item dropped
10	Code No: 33.26.1: 75 mm thick back filling for pitching including supplying of required materials etc. complete with moorum.	630.00	m ²	47.46	1m ²	29900		-	-	-	-	-29900	Item dropped
11	Code No: 30.4: Banking available earth in layers not exceeding 20cm in depth breaking clods, watering , rolling each layers with 1/2 tonne roller or wooden or steel rammers and dressing up in embankments for roads flood banks , marginal banks and guide banks etc and lift upto 1.5m in all kinds of soil. The quantity of the fill shall be calculated based on levels and then reduced by 10% for the purpose of payment		-	-	-	-	937.00	m ³	101.39	1m ³	95002	95002	Work to be taken up

12	Code No: 19.6.5: Providing and laying non - pressure class (light duty) R.C.C pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete - 450 mm dia R.C.C. pipe		-	-	-	-	20.00	Mtr	1018.36	1mtr	20367	20367	Work to be taken up
					Total	14,89,052					5,41,018	9,48,034	
13	Add V.A.T @ 0.70%					10448					-	-10,448	
14	Contingencies @ 3%										16151	16151	
15	Provision for Name BoardLS					-					15000	15000	
16	Testing Charges / Quality Control					-					1931	1931	
					Grand Amount	14,99,500					574100	-925400	

Detailed estimate of the Construction of bathing ghat and desilting the Thamarai Kulam (Muthal Kulam) at Bahour.

Sl. No.		No's	Length	Breadth	Depth	Quantity
1	<u>Code No. 2.8.1</u>					
	Earthwork excavation...					
	Bathing ghat toe wall	1x1	5.90	0.60	0.75	2.66
	Bathing ghat side wall	1x2	4.00	0.60	0.75	3.60
	Top end wall	1x1	5.90	0.60	0.75	2.66
Sundries					0.09	
				Total		9.00 Cum
2	<u>Code No.2.31</u>					
	Clearing jungle...					
	All-round the periphery of the pond	1x1	446.00	7.00	—	3122.00
Inside the pond bed level	1x1	132.00	91.00	—	12012.00	
				Total		15134.00 Sqm
4	<u>Code No. 4.1.10</u>					
	Providing and laying PCC 1:5:10					
	Bathing ghat toe wall	1x1	5.90	0.60	0.15	0.53
	Bathing ghat side wall	1x2	4.50	0.60	0.15	0.81
	Top end wall	1x1	5.90	0.60	0.15	0.53
Sundries					0.13	
				Total		2.00 Cum
6	<u>Code No. 7.1.1</u>					
	Random rubble masonry with hard stone is foundation.....					
	Bathing ghat toe wall	1x1	5.90	0.45	0.90	2.39
	Bathing ghat side wall	1x2	4.50	0.45	0.90	3.65
	Top end wall	1x1	5.90	0.45	0.90	2.39
	Steps	1x15	5.00	0.80	0.20	12.00
Sundries					0.58	
				Total		21.00 Cum

8	Code No. 30.5 Earthwork rough excavation... All-round the periphery of the pond	1x1	132.00	91.00	0.75	9009.00
				Total		9009.00 Cum
11	Code No.30.4 Banking of available earth... Disposing on bund Sundries	1x1	446.00	7.00	0.30	936.60 0.40
				Total		937.00 Cum
12	Code No. 19.6.5 NP2class RCC pipe- 450mm dia... inlet pipe	1x2	10.00	-	-	20.00
				Total		20.00 Metre
13	Contingencies @ 3%					LS
14	Provision for Name board					LS
15	Quality Control charges					LS

Pond 22 : Rejuvenation of the Attaikulam in Kuruvinatham

Sl. no.	Sub heads and Item of work	As per Existing DPR				Revised Proposal / Estimate				Differences	Remarks		
		Qty		Rate	Per	Amount	Qty		Rate			Per	Amount
1	Code No:2.8.1: Earth work in excavation by mechanical means (Hydraulic excavator)/manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan)including dressing of sides and ramming of bottoms , lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50m -All kinds of soil.	76.00	m ³	226.87	1 m ³	17242	9.00	m ³	123.27	1 m ³	1109	-16133	Work to be taken up
2	Code No:2.31: Clearing jungle including uprooting of rank Vegetation, grass, brushwood, trees and saplings of girth upto 30cm measured at a height of 1m above ground level and removal of rubbish upto a distance of 50m outside the periphery of the area cleared.	730.00	m ²	6.34	1m ²	4628	730.00	m ²	7.35	1m ²	5366	737	Work to be taken up
3	Code No: 4.1.3: Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering.- All work upto plinth level -1:2:4 (1 cement:2coarse sand : 4 graded stone aggregate 20mm nominal size)	39.10	m ³	5,533.67	1 m ³	216366	-	-	-	-	-	-216366	Item dropped
4	Code No: 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:3coarse sand : 6 graded stone aggregate 20mm nominal size)	16.00	m ³	4,809.83	1 m ³	76957	-	-	-	-	-	-76957	Item dropped
5	Code No: 4.1.10: Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering.- All work upto plinth level -1:5:10 (1 cement:5coarse sand : 10 graded stone aggregate 40mm nominal size)	21.50	m ³	3,856.18	1 m ³	82908	3.00	m ³	3483.49	1 m ³	10450	-72457	Work to be taken up

6	Code No: 4.3.1: Centring and shuttering, including strutting propping etc and removal of formwork for foundations, footings, bases of columns:- Using steel sheet with M.S frames.	296.00	m ²	271.80	1 m ²	80453	-	-	-	-	-	-80453	Item dropped
7	Code No: 7.1.1: Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20mm nominal size) upto plinth level with - cement mortar 1:6 (1 cement : 6 coarse sand)	71.00	m ³	3,771.04	1 m ³	267744	34.00	m ³	3605.16	1 m ³	122575	-145168	Work to be taken up
8	Code No: 13.33.1: Pointing on stone work with cement mortar 1:3 (1 cement : 3 fine sand)-Flush/Ruled pointing	963.00	m ²	158.01	1 m ²	152164	-	-	-	-	-	-152164	Item dropped
9	Code No: 30.37: Desilting the canal by removing silt, slush cum and debris from the bed of the drain removing the grass , buses etc., complete in unhygienic and foul condition including disposal of the same within an average lead of 1KM without polluting the environment by mechanical means	506.00	m ³	232.52	1m ³	117655	-	-	-	-	-	-117655	Item dropped
10	Code No. 30.14: Dry stone pitching on slopes to required thickness and profile with hammer dressed granite stones having no side less than 15 cum for revetment works , preparing surface etc., complete as directed by the Engineer-in-charge	174.00	m ³	2,431.62	1 m ³	423102	-	-	-	-	-	-423102	Item dropped
11	Code No:30.5: Earth work in rough excavation and dressing up in embankment by using machinery for roads, flood banks, marginal banks and guide banks or filling up ground depression within a initial lead of 50m and lift upto 6.0m in all kinds of soil(Payment shall be made based on levels).	610.00	m ³	40.79	1m ³	24882	863.00	m ³	25.60	1m ³	22093	-2789	Work to be taken up
12	Code No: 30.8: Providing and fixing 110mm dia PVC pipe (4kg/cm ²) in weep holes including cement concrete 1:5:10 (1 cement : 5 coarse sand:10 graded stone aggregate)	14.00	m	207.28	1m	2902	-	-	-	-	-	-2902	Item dropped

	and filling of pebbles etc., as directed by the Engineer-in-charge.												
13	Code No: 33.26.1: 75 mm thick back filling for pitching including supplying of required materials etc. complete with moorum.	963.00	m ²	47.46	1m ²	45704	-	-	-	-	-	-45704	Item dropped
14	Code No: 30.4: Banking available earth in layers not exceeding 20cm in depth breaking clods, watering , rolling each layers with 1/2 tonne roller or wooden or steel rammers and dressing up in embankments for roads flood banks , marginal banks and guide banks etc and lift upto 1.5m in all kinds of soil. The quantity of the fill shall be calculated based on levels and then reduced by 10% for the purpose of payment	-	-	-	-	-	863.00	m ³	101.39	1m ³	87500	87500	Work to be taken up
15	Code No: 19.6.5: Providing and laying non - pressure class (light duty) R.C.C pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc.,complete - 450 mm dia R.C.C. pipe	-	-	-	-	-	30.00	Mtr	1018.36	1mtr	30551	30551	Work to be taken up
					Total	14,88,391					2,79,644	-1208747	
16	Add V.A.T @ 0.70%					10419						-10419	
17	Contingencies @ 3%					3,718					8,382	8382	
18	Provision for Name BoardLS					-					15000	15000	
19	Testing charges/Quality Control					1,190					2374	1184	
					Grand Amount	15,00,000					3,05,400	-1194600	

Detailed Estimate of the Rejuvenation and deepening of Attaikulam in Kuruvinatham

Sl. No.		No's	Length	Breadth	Depth	Quantity
1	Code No. 2.8.1					
	Earthwork excavation...					
	Bathing ghat toe wall	1x1	5.90	0.60	0.75	2.66
	Bathing ghat side wall	1x2	4.00	0.60	0.75	3.60
	Top end wall	1x1	5.90	0.60	0.75	2.66
Sundries					0.09	
Total						9.00 Cum
2	Code No.2.31					
	Clearing jungle... Around the pond	1x1	146.00	5.00	-	730.00
Total						730.00 Sqm
5	Code No. 4.1.10					
	Providing and laying PCC 1:5:10					
	Bathing ghat toe wall	1x1	5.90	0.60	0.15	0.53
	Bathing ghat side wall	1x2	7.55	0.60	0.15	1.36
	Top end wall	1x1	5.90	0.60	0.15	0.53
Sundries					0.58	
Total						3.00 Cum
7	Code No. 7.1.1					
	Random rubble masonry with hard stone is foundation...					
	Bathing ghat toe wall	1x1	5.90	0.45	0.90	2.39
	Bathing ghat side wall	1x2	4.50	0.45	0.90	3.65
	Top end wall	1x1	5.90	0.45	0.90	2.39
	Landing	1x1	5.00	1.00	0.20	1.00
	Steps	1x2x15	5.00	0.80	0.20	24.00
Sundries					0.57	
Total						34.00 Cum

11	<u>Code No. 30.5</u> Earthwork rough excavation... In pond Sundries	1x1	50.00	23.00	0.75	862.50
	0.50					
Total						863.00 Cum
14	<u>Code No.30.4</u> Banking of available earth... As per item no. 3					863.00
	Total					
15	<u>Code No. 19.6.5</u> NP2class RCC pipe- 450mm dia... inlet pipe	1x2	15.00	-	-	30.00
	Total					
16	Contingencies @ 3%					LS
17	Provision for Name Board		-	-	-	LS
18	Testing Charges/Quality Control		-	-	-	LS

Pond 23: Rejuvenation and deepening of Andhamozhi Iyyanarpan Kulam at Nirnayapet

Sl. No.	Sub heads and Item of work	As per Existing DPR				Revised Proposal / Estimate					Differences	Remarks	
		Qty	Per	Rate	Amount	Qty	Per	Rate	Amount				
1	Code No:2.8.1: Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan)including dressing of sides and ramming of bottoms , lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed , within a lead of 50m -All kinds of soil.	116.00	m ³	226.87	1 m ³	26317	9.00	m ³	123.27	1 m ³	1109	-25207	Work to be taken up
2	Code No:2.31: Clearing jungle including uprooting of rank Vegetation, grass, brushwood, trees and saplings of girth upto 30cm measured at a height of 1m above ground level and removal of rubbish upto a distance of 50m outside the periphery of the area cleared.	7700.00	m ²	6.34	1m ²	48818	1700.00	m ²	7.35	1m ²	12495	-36323	Work to be taken up
3	Code No: 4.1.3: Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering.- All work upto plinth level -1:2:4 (1 cement:2coarse sand : 4 graded stone aggregate 20mm nominal size)	89.00	m ³	5,533.67	1 m ³	492497		-	-	-	-	-492497	Item dropped
4	Code No: 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:3coarse sand : 6 graded stone aggregate 20mm nominal size)	17.00	m ³	4,809.83	1 m ³	81767		-	-	-	-	-81767	Item dropped
5	Code No: 4.1.10: Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering.- All work upto plinth level - 1:5:10 (1 cement:5coarse sand : 10 graded stone aggregate 40mm nominal size)	25.50	m ³	3,856.18	1 m ³	98333	2.00	m ³	3483.49	1 m ³	6967	-91366	Work to be taken up
6	Code No: 4.3.1: Centring and shuttering, including strutting propping etc and removal	528.00	m ²	271.80	1 m ²	143510		-	-	-	-	-143510	Item dropped

	of formwork for foundations, footings, bases of columns:- Using steel sheet with M.S frames.												
7	Code No: 7.1.1: Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1cement : 6 coarse sand : 12 graded stone aggregate 20mm nominal size) upto plinth level with - cement mortar 1:6 (1 cement : 6 coarse sand)	32.00	m ³	3,771.04	1 m ³	120673	21.00	m ³	3605.16	1 m ³	75708	-44965	Work to be taken up
8	Code No: 13.33.1: Pointing on stone work with cement mortar 1:3 (1 cement : 3 fine sand)-Flush/Ruled pointing	417.00	m ²	158.01	1 m ²	65890		-	-	-	-	-65890	Item dropped
9	Code No. 30.14: Dry stone pitching on slopes to required thickness and profile with hammer dressed granite stones having no side less than 15 cum for revetment works , preparing surface etc., complete as directed by the Engineer-in-charge	76.00	m ³	2,431.62	1 m ³	184803		-	-	-	-	-184803	Item dropped
10	Code No:30.5: Earth work in rough excavation and dressing up in embankment by using machinery for roads, flood banks, marginal banks and guide banks or filling up ground depression within a initial lead of 50m and lift upto 6.0m in all kinds of soil(Payment shall be made based on levels).	312.00	m ³	40.79	1m ³	12726	3840.00	m ³	25.60	1m ³	98304	85578	Work to be taken up
11	Code No: 30.8: Providing and fixing 110mm dia PVC pipe (4kg/cm ²) in weep holes including cement concrete 1:5:10 (1 cement : 5 coarse sand:10 graded stone aggregate) and filling of pebbles etc., as directed by the Engineer-in-charge.	20.00	m	207.28	1m	4146		-	-	-	-	-4146	Item dropped
12	Code No: 30.37: Desilting the canal by removing silt, slush cum and debris from the bed of the drain removing the grass , buses etc., complete in unhygienic and foul condition including disposal of the same within an average lead of 1KM without polluting the environment by mechanical means	810.00	m ³	232.52	1m ³	188341		-	-	-	-	-188341	Item dropped

13	Code No: 33.26.1: 75 mm thick back filling for pitching including supplying of required materials etc. complete with moorum.	417.00	m ²	47.46	1m ²	19791		-	-	-	-	-19791	Item dropped
14	Code No: 30.4: Banking available earth in layers not exceeding 20cm in depth breaking clods, watering , rolling each layers with 1/2 tonne roller or wooden or steel rammers and dressing up in embankments for roads flood banks , marginal banks and guide banks etc and lift upto 1.5m in all kinds of soil. The quantity of the fill shall be calculated based on levels and then reduced by 10% for the purpose of payment		-	-	-	-	2880.00	m ³	101.39	1m ³	292003	292003	Work to be taken up
15	Code No: 19.6.5: Providing and laying non - pressure class (light duty) R.C.C pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc.,complete - 450 mm dia R.C.C. pipe		-	-	-	-	30.00	Mtr	1018.36	1mtr	30551	30551	Work to be taken up
	Total					14,87,612					5,17,138	-9,70,474	
16	Add V.A.T @ 0.70%					10413						-10,413	
17	Contingencies @ 3%										15457	15457	
18	Provision for Name BoardLS					-					15000	15000	
19	Testing Charges/Quality Control					1,975.00					2005	30	
	Grand Amount					15,00,000					5,49,600	-9,40,000	

Detailed Estimate of the Rejuvenation and deepening of Attaikulam in Kuruvinatham

Sl. No.		No's	Length	Breadth	Depth	Quantity
1	Code No. 2.8.1					
	Earthwork excavation...					
	Bathing ghat toe wall	1x1	5.90	0.60	0.75	2.66
	Bathing ghat side wall	1x2	4.00	0.60	0.75	3.60
	Top end wall	1x1	5.90	0.60	0.75	2.66
	Sundries					0.09
			Total			9.00 Cum
2	Code No.2.31					
	Clearing jungle...					
	Around the pond	1x1	146.00	5.00		730.00
			Total			730.00 Sqm
5	Code No. 4.1.10					
	Providing and laying PCC 1:5:10					
	Bathing ghat toe wall	1x1	5.90	0.60	0.15	0.53
	Bathing ghat side wall	1x2	7.55	0.60	0.15	1.36
	Top end wall	1x1	5.90	0.60	0.15	0.53
Sundries					0.58	
			Total			3.00 Cum
7	Code No. 7.1.1					
	Random rubble masonry with hard stone is foundation...					
	Bathing ghat toe wall	1x1	5.90	0.45	0.90	2.39
	Bathing ghat side wall	1x2	4.50	0.45	0.90	3.65
	Top end wall	1x1	5.90	0.45	0.90	2.39
	Landing	1x1	5.00	1.00	0.20	1.00
	Steps	1x2x15	5.00	0.80	0.20	24.00
Sundries					0.57	
			Total			34.00 Cum

11	Code No. 30.5					
	Earthwork rough excavation...					
	In pond	1x1	50.00	23.00	0.75	862.50
	Sundries					0.50
			Total			863.00 Cum
14	Code No.30.4					
	Banking of available earth...					
	As per item no. 3					863.00
			Total			863.00 Cum
15	Code No. 19.6.5					
	NP2class RCC pipe- 450mm dia...					
	inlet pipe	1x2	15.00			30.00
			Total			30.00 Metre
16	Contingencies @ 3%					LS
17	Provision for Name Board					LS
18	Testing Charges/Quality Control					LS

Pond 24: Rejuvenation and deepening of Vinayagarkoil kulam at Pinnatchikuppam

Sl. no.	Sub heads and Item of work	As per Existing DPR				Revised Proposal / Estimate					Differences	Remarks	
		Qty		Rate	Per	Amount	Qty		Rate	Per			Amount
1	Code No:2.8.1: Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan)including dressing of sides and ramming of bottoms , lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed , within a lead of 50m -All kinds of soil.	121.05	m ³	226.87	1 m ³	27463	9.00	m ³	123.27	1 m ³	1109	-26342	Work to be taken up
2	Code No:2.31: Clearing jungle including uprooting of rank Vegetation, grass, brushwood, trees and saplings of girth upto 30cm measured at a height of 1m above ground level and removal of rubbish upto a distance of 50m outside the periphery of the area cleared.	700.00	m ²	6.34	1m ²	4438	700.00	m ²	7.35	1m ²	5145	707	Work to be taken up
3	Code No: 4.1.3: Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering.- All work upto plinth level -1:2:4 (1 cement:2coarse sand : 4 graded stone aggregate 20mm nominal size)	56.50	m ³	5,533.67	1 m ³	312652	-	-	-	-	-	-312652	Item dropped
4	Code No: 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:3coarse sand : 6 graded stone aggregate 20mm nominal size)	47.00	m ³	4,809.83	1 m ³	226062	-	-	-	-	-	-226062	Item dropped
5	Code No: 4.1.10: Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering.- All work upto plinth level -1:5:10 (1 cement:5coarse sand : 10 graded stone aggregate 40mm nominal size)	20.50	m ³	3,856.18	1 m ³	79052	2.00	m ³	3483.49	1 m ³	6967	-72085	Work to be taken up
6	Code No: 4.3.1: Centring and shuttering, including strutting propping etc and removal	576.00	m ²	271.80	1 m ²	156557	-	-	-	-	-	-156557	Item dropped

	of formwork for foundations, footings, bases of columns:- Using steel sheet with M.S frames.												
7	Code No: 7.1.1: Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1cement : 6 coarse sand : 12 graded stone aggregate 20mm nominal size) upto plinth level with - cement mortar 1:6 (1 cement : 6 coarse sand)	36.00	m ³	3,771.04	1 m ³	135757	21.00	m ³	3605.16	1 m ³	75708	-60049	Work to be taken up
8	Code No: 13.33.1: Pointing on stone work with cement mortar 1:3 (1 cement : 3 fine sand)-Flush/Ruled pointing	488.00	m ²	158.01	1 m ²	77109	-	-	-	-	-	-77109	Item dropped
9	Code No. 30.14: Dry stone pitching on slopes to required thickness and profile with hammer dressed granite stones having no side less than 15 cum for revetment works , preparing surface etc., complete as directed by the Engineer-in-charge	88.00	m ³	2,431.62	1 m ³	213983	-	-	-	-	-	-213983	Item dropped
10	Code No:30.5: Earth work in rough excavation and dressing up in embankment by using machinery for roads, flood banks, marginal banks and guide banks or filling up ground depression within a initial lead of 50m and lift upto 6.0m in all kinds of soil(Payment shall be made based on levels).	340.00	m ³	40.79	1m ³	13869	919.00	m ³	25.60	1m ³	23526	9658	Work to be taken up
11	Code No: 33.26.1: 75 mm thick back filling for pitching including supplying of required materials etc. complete with moorum.	488.00	m ²	47.46	1m ²	23160	-	-	-	-	-	-23160	Item dropped
12	Code No: 30.8: Providing and fixing 110mm dia PVC pipe (4kg/cm ²) in weep holes including cement concrete 1:5:10 (1 cement : 5 coarse sand:10 graded stone aggregate) and filling of pebbles etc., as directed by the Engineer-in-charge.	13.00	m	207.28	1m	2695	-	-	-	-	-	-2695	Item dropped
13	Code No: 30.37: Desilting the canal by removing silt, slush cum and debris from the bed of the drain removing the grass , buses etc., complete in unhygienic and foul condition including disposal of the same	919.00	m ³	232.52	1m ³	213686	-	-	-	-	-	-213686	Item dropped

	within an average lead of 1KM without polluting the environment by mechanical means												
14	Code No: 30.4: Banking available earth in layers not exceeding 20cm in depth breaking clods, watering , rolling each layers with 1/2 tonne roller or wooden or steel rammers and dressing up in embankments for roads flood banks , marginal banks and guide banks etc and lift upto 1.5m in all kinds of soil. The quantity of the fill shall be calculated based on levels and then reduced by 10% for the purpose of payment		-	-	-	-	919.00	m ³	101.39	1m ³	93177	93177	Work to be taken up
15	Code No: 19.6.5: Providing and laying non - pressure class (light duty) R.C.C pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc.,complete - 450 mm dia R.C.C. pipe		-	-	-	-	30.00	Mtr	1018.36	1mtr	30551	30551	Work to be taken up
						Total	14,86,483				236183	-1250300	
16	Add V.A.T @ 0.70%						10405				-	-10405	
17	Contingencies @ 3%										7011	7011	
18	Provision for Name BoardLS						-				15000	15000	
19	Testing Charges / Quality Control						3112				2006	-1106	
						Grand Amount	15,00,000				260200	-1239800	

Detailed Estimate of the Rejuvenation and deepening of Vinayagarkoil kulam at Pinnatchikuppam.

Sl. No.		No's	Length	Breadth	Depth	Quantity
1	Code No. 2.8.1					
	Earthwork excavation...					
	Bathing ghat toe wall	1x1	5.90	0.60	0.75	2.66
	Bathing ghat side wall	1x2	4.00	0.60	0.75	3.60
	Top end wall	1x1	5.90	0.60	0.75	2.66
Sundries					0.09	
				Total		9.00 Cum
2	Code No.2.31					
	Clearing jungle... Around the pond	1x1	140.00	5.00	-	700.00
				Total		700.00 Sqm
5	Code No. 4.1.10					
	Providing and laying PCC 1:5:10					
	Bathing ghat toe wall	1x1	5.90	0.60	0.15	0.53
	Bathing ghat side wall	1x2	4.50	0.60	0.15	0.81
	Top end wall	1x1	5.90	0.60	0.15	0.53
Sundries					0.13	
				Total		2.00 Cum
7	Code No. 7.1.1					
	Random rubble masonry with hard stone is foundation...					
	Bathing ghat toe wall	1x1	5.90	0.45	0.90	2.39
	Bathing ghat side wall	1x2	4.50	0.45	0.90	3.65
	Top end wall	1x1	5.90	0.45	0.90	2.39
	Steps	1x15	5.00	0.80	0.20	12.00
Sundries					0.58	
				Total		21.00 Cum

10	Code No. 30.5 Earthwork rough excavation... In pond Sundries	1x1	35.00	35.00	0.75	918.75 0.25
	Total					919.00 Cum
14	Code No.30.4 Banking of available earth... As per item no 10					919.00
	Total					919.00 Cum
15	Code No. 19.6.5 NP2class RCC pipe- 450mm dia... inlet pipe	1x2	15.00	_	_	30.00
	Total					30.00 Metre
16	Contingencies @ 3%					LS
17	Provision for Name Board		_	_	_	LS
18	Testing Charges / Quality Control					LS

Pond 25: Rejuvenation and deepening of Thamarai Kulam at Aranganur

Sl. No.	Sub heads and Item of work	As per Existing DPR				Revised Proposal / Estimate				Differences	Remarks		
		Qty		Rate	Per	Amount	Qty		Rate			Per	Amount
1	Code No:2.8.1: Earth work in excavation by mechanical means (Hydraulic excavator)/manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan)including dressing of sides and ramming of bottoms, lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed , within a lead of 50m -All kinds of soil.	137.00	m ³	226.87	1 m ³	31081	9.00	m ³	123.27	1 m ³	1109	-29972	Work to be taken up
2	Code No:2.31: Clearing jungle including uprooting of rank Vegetation, grass, brushwood, trees and saplings of girth upto 30cm measured at a height of 1m above ground level and removal of rubbish upto a distance of 50m outside the periphery of the area cleared.	3464.00	m ²	6.34	1m ²	21962	3464.00	m ²	7.35	1m ²	25460	3499	Work to be taken up
3	Code No: 4.1.3: Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering.- All work upto plinth level - 1:2:4 (1 cement:2coarse sand : 4 graded stone aggregate 20mm nominal size)	81.00	m ³	5,533.67	1 m ³	448227	-	-	-	-	-	-448227	Item dropped
4	Code No: 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:3coarse sand : 6 graded stone aggregate 20mm nominal size)	42.00	m ³	4809.83	1 m ³	202013	-	-	-	-	-	-202013	Item dropped
5	Code No: 4.1.10: Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering.- All work upto plinth level - 1:5:10 (1 cement:5coarse sand : 10	29.00	m ³	3856.18	1 m ³	111829	2.00	m ³	3483.49	1 m ³	6967	-104862	Work to be taken up

	graded stone aggregate 40mm nominal size)												
6	Code No: 4.3.1: Centring and shuttering, including strutting propping etc and removal of formwork for foundations, footings, bases of columns:- Using steel sheet with M.S frames.	259.00	m ²	271.80	1 m ²	70396		-	-	-	-	-70396	Item dropped
7	Code No: 7.1.1: Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1cement : 6 coarse sand : 12 graded stone aggregate 20mm nominal size) upto plinth level with - cement mortar 1:6 (1 cement : 6 coarse sand)	34.00	m ³	3771.04	1 m ³	128215	21.00	m ³	3605.16	1 m ³	75708	-52507	Work to be taken up
8	Code No: 13.33.1: Pointing on stone work with cement mortar 1:3 (1 cement : 3 fine sand)-Flush/Ruled pointing	340.00	m ²	158.01	1 m ²	53723		-	-	-	-	-53723	Item dropped
9	Code No. 30.14: Dry stone pitching on slopes to required thickness and profile with hammer dressed granite stones having no side less than 15 cum for revetment works, preparing surface etc., complete as directed by the Engineer-in-charge	62.00	m ³	2431.62	1 m ³	150760		-	-	-	-	-150760	Item dropped
	Code No:30.5: Earth work in rough excavation and dressing up in embankment by using machinery for roads, flood banks, marginal banks and guide banks or filling up ground depression within a initial lead of 50m and lift upto 6.0m in all kinds of soil(Payment shall be made based on levels).	525.00	m ³	40.79	1m ³	21415	2186.00	m ³	25.60	1m ³	55962	34547	Work to be taken up
10	Code No: 30.8: Providing and fixing 110mm dia PVC pipe (4kg/cm ²) in weep holes including cement concrete 1:5:10 (1 cement : 5 coarse sand:10 graded stone aggregate) and filling of pebbles etc., as directed by the Engineer-in-	18.00	m	207.28	1m	3731		-	-	-	-	-3731	Item dropped

	charge.												
11	Code No: 30.37: Desilting the canal by removing silt, slush cum and debris from the bed of the drain removing the grass, bushes etc., complete in unhygienic and foul condition including disposal of the same within an average lead of 1KM without polluting the environment by mechanical means	981.18	m ³	232.52	1m ³	228144		-	-	-	-	-228144	Item dropped
12	Code No: 33.26.1: 75 mm thick back filling for pitching including supplying of required materials etc. complete with moorum.	341.00	m ²	47.46	1m ²	16136		-	-	-	-	-16136	Item dropped
13	Code No: 30.4: Banking available earth in layers not exceeding 20cm in depth breaking clods, watering , rolling each layers with 1/2 tonne roller or wooden or steel rammers and dressing up in embankments for roads flood banks , marginal banks and guide banks etc and lift upto 1.5m in all kinds of soil. The quantity of the fill shall be calculated based on levels and then reduced by 10% for the purpose of payment		-	-	-	-	2186.00	m ³	101.39	1m ³	221639	221639	Work to be taken up
14	Code No: 19.6.5: Providing and laying non - pressure class (light duty) R.C.C pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc.,complete - 450 mm dia R.C.C. pipe		-	-	-	-	30.00	Mtr	1018.36	1mtr	30551	30551	Work to be taken up
						Sub Total	14,87,633				4,17,396	-10,70,374	
15	Add V.A.T @ 0.70%					10413					-	-10413	
16	Contingencies @ 3%										12488	12488	
17	Provision for Name BoardLS					-					15000	15000	
18	Testing Charges / Quality Control					1954					1816	138	
						Grand Amount	15,00,000				446700	-1053300	

Estimate of Newly proposed 13 Village Ponds taken by Commune Panchayats of LAD

Pond1: Rejuvenation of the Sevithu Ural Kuttai at Thirubuvanai village (Phase-I)

Sl. No.	Sub heads and Item of work	Qty	Rate	Per	Amount
1	Code No:2.31: Clearing jungle including uprooting of rank vegetation, grass, brushwood, trees and saplings of girth upto 30cm measured at a height of 1m above ground level and removal of rubbish upto a distance of 50m outside the periphery of the area cleared.	1300.00 m ²	7.35	1 m ²	9555
2	Code No:30.5: Earth work in rough excavation and dressing up in embankment by using machinery for roads, flood banks, marginal banks and guide banks or filling up ground depression within a initial lead of 50m and lift upto 6.0m in all kinds of soil(Payment shall be made based on levels).	2900.00 m ³	25.60	1m ³	74240
3	Code No:30.4: Banking available earth in layers not exceeding 20cm in depth breaking clods, watering, rolling each layers with 1/2 tonne roller or wooden or steel rammers and dressing up in embankments for roads flood banks, marginal banks and guide banks etc and lift upto 1.5m in all kinds of soil. The quantity of the fill shall be calculated based on levels and then reduced by 10% for the purpose of payment.	2,900.00 m ³	101.39	1 m ³	294031
4	Code No: 19.6.5: Providing and laying non pressure NP2 class (light duty) RCC pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc complete - 450mm dia RCC pipe.	150.00 m	1,018.36	1Rmt	152754
					530580
5				Lumpsum provision for fixing name board	15000
6				Advertisement charges	5000
7				Contingencies @ 3.00%	15822
				Grand Amount	566402

Details of Estimate of Rejuvenation of the Sevithu Ural Kuttai at Thirubuvanai Village (Phase-I)

Sl. No.	Details of works	Number	Measurements in metres			Area of Contents
			Length	Breadth	Depth	
1	Code No:2.31 Clearing jungle including uprooting of rank vegetation					
	Bund all-round - west portion	1x1	190.00	3.00		570.00
	Bund all-round - east portion	1x1	290.00	2.50		725.00
				say 1300m³		1295.00
2	Code No:30.5 Rough Earthwork Excavation					
	Desilting of pond (west portion)	1x1	80.00	45.00	0.45	1620.00
	Desilting of pond (east portion)	1x1	85.00	25.00	0.60	1275.00
				say 2900m³		2895.00
3	Code No.30.4 Banking of available earth					
	Disposing on bunds(west portion)	1x1	Same qty as per item no.2			2900.00
	Disposing on bunds(east portion)					
				Say 2900m³		2900.00
4	Code No.19.6.5 NP2 class R.C.C pipes - 450 mm dia.					
	inlet pipe(west portion)	1x6	12.50			75.00
	inlet pipe(east portion)	1x6	12.50			75.00
				say 150m		150.00

Pond 2: Rejuvenation of the Panamattai kulam at Vinayagampet.

Sl. No.	Sub heads and Item of work	Qty	Rate	Per	Amount
1	Code No:2.31: Clearing jungle including uprooting of rank vegetation, grass, brushwood, trees and saplings of girth upto 30cm measured at a height of 1m above ground level and removal of rubbish upto a distance of 50m outside the periphery of the area cleared.	660.00 m ²	7.35	1 m ²	4851
2	Code No:30.5: Earth work in rough excavation and dressing up in embankment by using machinery for roads, flood banks, marginal banks and guide banks or filling up ground depression within a initial lead of 50m and lift upto 6.0m in all kinds of soil(Payment shall be made based on levels).	1095.00 m ³	25.60	1m ³	28032
3	Code No:30.4: Banking available earth in layers not exceeding 20cm in depth breaking clods, watering , rolling each layers with 1/2 tonne roller or wooden or steel rammers and dressing up in embankments for roads flood banks , marginal banks and guide banks etc and lift upto 1.5m in all kinds of soil. The quantity of the fill shall be calculated based on levels and then reduced by 10% for the purpose of payment.	1095.00 m ³	101.39	1 m ³	111022
4	Code No: 19.6.5: Providing and laying non pressure NP2 class (light duty) RCC pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc complete - 450mm dia RCC pipe.	30.00 m	1,018.36	1Rmt	30551
				Total	174456
	Lumpsum provision for fixing name board				15000
	Advertisement charges				5000
	Contingencies @ 3.00%				5144
				Grand Amount	199600

Pond 3: Rejuvenation of the Perumal koil Kuttai at Suthukeny village

Sl. No.	Sub heads and Item of work	Qty	Rate	Per	Amount
1	Code No:2.31: Clearing jungle including uprooting of rank vegetation, grass, brushwood, trees and saplings of girth upto 30cm measured at a height of 1m above ground level and removal of rubbish upto a distance of 50m outside the periphery of the area cleared.	750.00 m ²	7.35	1 m ²	5513
2	Code No:30.5: Earth work in rough excavation and dressing up in embankment by using machinery for roads, flood banks, marginal banks and guide banks or filling up ground depression within a initial lead of 50m and lift upto 6.0m in all kinds of soil(Payment shall be made based on levels).	1755.00 m ³	25.60	1m ³	44928
3	Code No:30.4: Banking available earth in layers not exceeding 20cm in depth breaking clods, watering , rolling each layers with 1/2 tonne roller or wooden or steel rammers and dressing up in embankments for roads flood banks , marginal banks and guide banks etc and lift upto 1.5m in all kinds of soil. The quantity of the fill shall be calculated based on levels and then reduced by 10% for the purpose of payment	1755.00 m ³	101.39	1 m ³	177939
4	Code No: 19.6.5: Providing and laying non pressure NP2 class (light duty) RCC pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc complete - 450mm dia RCC pipe.	30.00 m	1,018.36	1Rmt	30551
				Total	258931
5	Lumpsum provision for fixing name board				15000
6	Advertisement charges				5000
7	Contingencies @ 3.00%				7669
				Grand Amount	286600

Details of Estimate of Rejuvenation of the Perumal koil Kuttai at Suthukeny Village

SI NO	Details of works	Number	Measurements in metres			Area of Contents
			Length	Breadth	Depth	
1	Code No:2.31 Clearing jungle including uprooting of rank vegetation					
2	Bund all-round Code No:30.5 Rough Earthwork Excavation	1x1	250.00	3.00		750.00
	Desilting of pond	1x1	65.00	60.00	0.45	1755.00 say 1755m³
3	Code No.30.4 Banking of available earth					
	Disposing on bunds	1x1	Same qty as per item no.2			1755.00 Say 1755m³
4	Code No.19.6.5 NP2 class R.C.C pipes - 450 mm dia.					
	inlet pipe	1x2	15.00			30.00 say 30m

Pond 4: Rejuvenation of the Kanagan Kuttai at Kunichempet village

Sl. No.	Sub heads and Item of work	Qty	Rate	Per	Amount
1	Code No:2.31: Clearing jungle including uprooting of rank vegetation, grass, brushwood, trees and saplings of girth upto 30cm measured at a height of 1m above ground level and removal of rubbish upto a distance of 50m outside the periphery of the area cleared.	684.00 m ²	7.35	1 m ²	5027
2	Code No:30.5: Earth work in rough excavation and dressing up in embankment by using machinery for roads, flood banks, marginal banks and guide banks or filling up ground depression within a initial lead of 50m and lift upto 6.0m in all kinds of soil(Payment shall be made based on levels).	1267.00 m ³	25.60	1m ³	32435
3	Code No:30.4: Banking available earth in layers not exceeding 20cm in depth breaking clods, watering , rolling each layers with 1/2 tonne roller or wooden or steel rammers and dressing up in embankments for roads flood banks , marginal banks and guide banks etc and lift upto 1.5m in all kinds of soil. The quantity of the fill shall be calculated based on levels and then reduced by 10% for the purpose of payment	1267.00 m ³	101.39	1 m ³	128461
4	Code No: 19.6.5: Providing and laying non pressure NP2 class (light duty) RCC pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc complete - 450mm dia RCC pipe.	30.00 m	1,018.36	1Rmt	30551
				Total	196474
5	Lumpsum provision for fixing name board				15000
6	Advertisement charges				5000
7	Contingencies @ 3.00%				5826
				Grand Amount	222300

Details of Estimate of Rejuvenation of the Kanagan Kuttai at Kunichempet Village

Sl. No.	Details of works	Number	Measurements in metres			Area of Contents
			Length	Breadth	Depth	
1	Code No:2.31 Clearing jungle including uprooting of rank vegetation					
	Bund all-round	1x1	228.00	3.00		684.00 684.00m²
2	Code No:30.5 Rough Earthwork Excavation					
	Desilting of pond	1x1	80+53/2=67	51+34/2 =42	0.45	1266.30 say 1267m³
3	Code No.30.4 Banking of available earth					
	Disposing on bunds	1x1	Same qty as per item No.2			1267.00 Say 1267m³
4	Code No.19.6.5 NP2 class R.C.C pipes - 450 mm dia. inlet pipe					
		1x2	15.00			30.00 say 30m

Pond 5: Rejuvenation of the Kannia kulam at Suthukeny village

Sl. No.	Sub heads and Item of work	Qty	Rate	Per	Amount
1	Code No:2.31: Clearing jungle including uprooting of rank vegetation, grass, brushwood, trees and saplings of girth upto 30cm measured at a height of 1m above ground level and removal of rubbish upto a distance of 50m outside the periphery of the area cleared.	600.00 m ²	7.35	1 m ²	4410
2	Code No:30.5: Earth work in rough excavation and dressing up in embankment by using machinery for roads, flood banks, marginal banks and guide banks or filling up ground depression within a initial lead of 50m and lift upto 6.0m in all kinds of soil(Payment shall be made based on levels).	1080.00 m ³	25.60	1m ³	27648
3	Code No:30.4: Banking available earth in layers not exceeding 20cm in depth breaking clods, watering , rolling each layers with 1/2 tonne roller or wooden or steel rammers and dressing up in embankments for roads flood banks , marginal banks and guide banks etc and lift upto 1.5m in all kinds of soil. The quantity of the fill shall be calculated based on levels and then reduced by 10% for the purpose of payment	1,080.00 m ³	101.39	1 m ³	109501
4	Code No: 19.6.5: Providing and laying non pressure NP2 class (light duty) RCC pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc complete - 450mm dia RCC pipe.	30.00 m	1,018.36	1Rmt	30551
	Total				172110
5	Lumpsum provision for fixing name board				15000
6	Advertisement charges				5000
7	Contingencies @ 5.00%				4890
	Grand Amount				197000

Details of Estimate of Rejuvenation of the Kannia kulam at Suthukeny Village

SI NO	Details of works	Number	Measurements in metres			Area of Contents
			Length	Breadth	Depth	
1	Code No:2.31 Clearing jungle including uprooting of rank vegetation					
	Bund all-round	1x1	200.00	3.00		600.00
2	Code No:30.5 Rough Earthwork Excavation Desilting of pond	1x1	60.00	40.00	0.45	1080.00 say 1080m³
3	Code No.30.4 Banking of available earth Disposing on bunds	1x1	Same qty as per item no.2			1080.00 Say 1080m³
4	Code No.19.6.5 NP2 class R.C.C pipes - 450 mm dia. inlet pipe	1x2	15.00			30.00 say 30m

Pond 6: Rejuvenation of (Pana Kuzhi pallam) Oral Kulam at Pillayarkuppam

Sl. No.	Sub heads and Item of work	Qty		Rate	Per	Amount
1	Code No:2.31: Clearing jungle including uprooting of rank vegetation, grass, brushwood, 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.	738.00	1m ²	7.35	1m ²	5424
2	Code No:30.5: Earth work in rough excavation and dressing up in embankment by using machinery for roads, flood banks, marginal banks and guide banks or filling up ground depression within a initial lead of 50m and lift upto 6.0m in all kinds of soil(Payment shall be made based on levels).	1913.00	m ³	25.60	m ³	48973
3	Code No: 30.4: Banking available earth in layers not exceeding 20cm in depth breaking clods, watering , rolling each layers with 1/2 tonne roller or wooden or steel rammers and dressing up in embankments for roads flood banks , marginal banks and guide banks etc and lift upto 1.5m in all kinds of soil. The quantity of the fill shall be calculated based on levels and then reduced by 10% for the purpose of payment	1913.00	m ³	101.39	1m ³	193959
4	Code No: 19.6.5: Providing and laying non - pressure class (light duty) R.C.C pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc.,complete - 450 mm dia R.C.C. pipe	30.00	Mtr	1018.36	1mtr	30551
	Sub Total					278907
5	Contingencies @ 3%					8293
6	Provision for Name BoardLS					15000
7	Advertisement charges					5000
	Grand Amount					307200

Detailed Estimate of Rejuvenation of (Pana Kuzhi Pallam) Oral Kulam at Pillayarkuppam Village, Embalam Constituency

Sl. No.		No's	Length	Breadth	Depth	Quantity
1	<u>Code No.2.31</u>					
	Clearing jungle...					
	At the app to oral kulam	1x1	246.00	3.00	=	738.00
			Total			738.00 Sqm
2	<u>Code No. 30.5</u>					
	Earth work rough excavation.....					
	For desilting	1x1	(30+25)/2	60.00	0.75	1237.50
	Sundries	1x1	30.00	30.00	0.75	675.00
						0.50
			Total			1913.00 Cum
3	<u>Code No.30.4</u>					
	Banking of available earth.....					
	Qty as per Item .No. 2	1x1				1913.00
			Total			1913 cum
4	<u>Code No. 19.6.5</u>					
	NP2class RCC pipe- 450mm dia.....					
	inlet pipe	1x2	15.00	=	=	30.00
			Total			30.00 Metre
5	Contingencies @ 3 %					LS
6	Testing Charges					LS
7	Advertisement charges					LS

Pond 7: Rejuvenation of Iyyanar Kulam at Vambupet Village

Sl. No.	Sub heads and Item of work	Qty		Rate	Per	Amount
1	Code No:2.31: Clearing jungle including uprooting of rank vegetation, grass, brushwood, 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.	930.00	1m ²	7.35	1m ²	6836
2	Code No:30.5: Earth work in rough excavation and dressing up in embankment by using machinery for roads, flood banks, marginal banks and guide banks or filling up ground depression within a initial lead of 50m and lift upto 6.0m in all kinds of soil(Payment shall be made based on levels).	2004.00	m ³	25.60	m ³	51302
3	Code No: 30.4: Banking available earth in layers not exceeding 20cm in depth breaking clods, watering, rolling each layers with 1/2 tonne roller or wooden or steel rammers and dressing up in embankments for roads flood banks , marginal banks and guide banks etc and lift upto 1.5m in all kinds of soil. The quantity of the fill shall be calculated based on levels and then reduced by 10% for the purpose of payment	2004.00	m ³	101.39	1m ³	203186
4	Code No: 19.6.5: Providing and laying non - pressure class (light duty) R.C.C pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc.,complete - 450 mm dia R.C.C. pipe	30.00	Mtr	1018.36	1mtr	30551
	Sub Total					291874
5	Provision for Name BoardLS					15000
6	Advertisement Charges					5000
7	Contingencies @ 3%					8726
	Grand Amount					320600

Detailed Estimate of Rejuvenation of Iyyanar Kulam at Vambupet Village

Sl. No.		No's	Length	Breadth	Depth	Quantity
1	<u>Code No.2.31</u>					
	Clearing jungle.....					
	Bund around	1x1	310.00	3.00	—	930.00
2	<u>Code No. 30.5</u>					
	Earth work rough excavation.....					
	Desilting of pond	1x1	84.00	53.00	0.45	2003.40
			Total			say 2004.00 Cum
3	<u>Code No.30.4</u>					
	Banking of available earth.....					
	Disposing on bunds	1x1	84.00	53.00	0.45	2003.40
			Total			say 2004.00 Cum
4	<u>Code No. 19.6.5</u>					
	NP2class RCC pipe- 450mm dia.....					
	inlet pipe	1x2	15.00			30.00
			Total			30.00 Metre

Pond 8: Rejuvenation of the Iyyanar Kulam at Kaduvanur

Sl. No.	Sub heads and Item of work	Qty		Rate	Per	Amount
1	Code No:2.31: Clearing jungle including uprooting of rank vegetation, grass, brushwood, 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.	2930.00	1m ²	7.35	1m ²	21536
2	Code No:30.5: Earth work in rough excavation and dressing up in embankment by using machinery for roads, flood banks, marginal banks and guide banks or filling up ground depression within a initial lead of 50m and lift upto 6.0m in all kinds of soil(Payment shall be made based on levels).	2111.00	m ³	25.60	m ³	54042
3	Code No: 30.4: Banking available earth in layers not exceeding 20cm in depth breaking clods, watering, rolling each layers with 1/2 tonne roller or wooden or steel rammers and dressing up in embankments for roads flood banks , marginal banks and guide banks etc and lift upto 1.5m in all kinds of soil. The quantity of the fill shall be calculated based on levels and then reduced by 10% for the purpose of payment	2111.00	m ³	101.39	1m ³	214034
4	Code No: 19.6.5: Providing and laying non - pressure class (light duty) R.C.C pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc.,complete - 450 mm dia R.C.C. pipe	30.00	Mtr	1018.36	1mtr	30551
	Sub Total					320163
5	Contingencies @ 3%					9537
6	Provision for Name BoardLS					15000
7	Advertisement charges					5000
	Grand Amount					349700

Detailed Estimate of Rejuvenation of the Iyyanar Kulam at Kaduvanur

Sl. No.		No's	Length	Breadth	Depth	Quantity
1	<u>Code No.2.31</u>					
	Clearing jungle.....					
	Around the pond	1x1	180.20	5.00	—	901.00
	Inside the pond	1x1	46.00	(48.20+40.00)/2	—	2028.60
						0.40
		Total				2930.00 Sqm
2	<u>Code No. 30.5</u>					
	Earth work rough excavation.....					
	In pond	1x1	54.00	(56.20+48.00)/2	0.75	2110.05
	Sundries					0.95
		Total				2111.00 Cum
3	<u>Code No.30.4</u>					
	Banking of available earth.....					
	Qty as per Item No. 2					2111.00
		Total				2111.00 Cum
4	<u>Code No. 19.6.5</u>					
	NP2class RCC pipe- 450mm dia.....					
	inlet pipe	1x2	15.00	—	—	30.00
		Total				30.00 Metre
5	Contingencies @ 3%					LS
6	Provision for Name Board		-	-	-	LS
7	Advertisement charges		-	-	-	LS

Pond 9: Rejuvenation of the Iyyanarkoil Kulam in Kuruvinatham.

Sl. No.	Sub heads and Item of work	Qty		Rate	Per	Amount
1	Code No:2.31: Clearing jungle including uprooting of rank vegetation, grass, brushwood, 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.	5720.00	1m ²	7.35	1m ²	42042
2	Code No:30.5: Earth work in rough excavation and dressing up in embankment by using machinery for roads, flood banks, marginal banks and guide banks or filling up ground depression within a initial lead of 50m and lift upto 6.0m in all kinds of soil(Payment shall be made based on levels).	3473.00	m ³	25.60	m ³	88909
3	Code No: 30.4: Banking available earth in layers not exceeding 20cm in depth breaking clods, watering, rolling each layers with 1/2 tonne roller or wooden or steel rammers and dressing up in embankments for roads flood banks, marginal banks and guide banks etc and lift upto 1.5m in all kinds of soil. The quantity of the fill shall be calculated based on levels and then reduced by 10% for the purpose of payment	3473.00	m ³	101.39	1m ³	352127
4	Code No: 19.6.5: Providing and laying non - pressure class (light duty) R.C.C pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc.,complete - 450 mm dia R.C.C. pipe	30.00	Mtr	1018.36	1mtr	30551
	Sub Total					513629
5	Contingencies @ 3%					15371
6	Provision for Name BoardLS					15000
7	Advertisement charges					5000
	Grand Amount					549000

Pond 10: Rejuvenation of the Kuttai (R.S.No. 85/5) at Nettapakkam

Item No.	Code.No.	Item of Work	Quantity		Rate	Per	Amount
1	30.5	Earth work in rough excavation and dressing up in embankment by using machinery for roads, flood banks, marginal banks and guide banks or filling up ground depression within a initial lead of 50m and lift upto 6.0m in all kinds of soil(Payment shall be made based on levels).	650.0	Cum	25.60	Cum	16640.00
2	30.4	Banking available earth in layers not exceeding 20cm in depth breaking clods, watering , rolling each layers with 1/2 tonne roller or wooden or steel rammers and dressing up in embankments for roads flood banks , marginal banks and guide banks etc and lift upto 1.5m in all kinds of soil. The quantity of the fill shall be calculated based on levels and then reduced by 10% for the purpose of payment	650.0	Cum	101.39	Cum	65904.00
3	19.6.5	Providing and laying non pressure NP2 class (light duty) RCC pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc, complete - 450mm dia RCC pipe.	20.00	Rmt	1018.36	Rmt	20367.00
		Total					102911.00
4		Lumpsum provision for fixing Name Board					15000.00
5		Advertisement charges					5000.00
6		P.S. & Contingent charges'					3089.00
						Grand Total	126000.00

Detailed Estimate of the Rejuvenation of Kuttai (R.S.No. 85/5) at Nettapakkam

SL NO	DESCRIPTION OF WORK	NO			MEASUREMENTS IN METRES			QTY (OR) NUMBER	
					av	av	Av		
1	Earth work in rough excavation...								
	For deepening of Kulam	1	X	1	21.50	20.00	1.50	645.00	
					Sundries			5.00	
								650.00	cum
2	Banking of available earth								
	As per item above							650.00	
					Sundries			0.00	
								650.00	Cum
3	Code No.19.6.5							-	-
	NP2 RCC pipe							-	-
		1	X	2	10.00	-	-	20.00	
					Sundries			0.00	
								20.00	Mts
4	Lumpsum provision for fixing Name Board								
5	Advertisement charges								
6	P.S. & Contingent charges'								

Pond 11: Rejuvenation of Pidari kulam (R.S.No. 92/4) at Nettapakkam

Item No.	Code No.	Item of Work	Quantity		Rate	Per	Amount
1	2.31	Clearing jungle including uprooting of rank Vegetation, grass, brushwood, trees and saplings of girth upto 30cm measured at a height of 1m above ground level and removal of rubbish upto a distance of 50m outside the periphery of the area cleared.	4430.00	sqm	7.35	sqm	32561.00
2	30.5	Earth work in rough excavation and dressing up in embankment by using machinery for roads, flood banks, marginal banks and guide banks or filling up ground depression within a initial lead of 50m and lift upto 6.0m in all kinds of soil(Payment shall be made based on levels).	2935.0	Cum	25.6	Cum	75136.00
3	30.4	Banking available earth in layers not exceeding 20cm in depth breaking clods, watering , rolling each layers with 1/2 tonne roller or wooden or steel rammers and dressing up in embankments for roads flood banks, marginal banks and guide banks etc and lift upto 1.5m in all kinds of soil. The quantity of the fill shall be calculated based on levels and then reduced by 10% for the purpose of payment	2935.0	Cum	101.39	Cum	297580.00
4	19.6.5	Providing and laying non pressure NP2 class (light duty) RCC pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc, complete - 450mm dia RCC pipe.	30.00	Rmt	1018.36	Rmt	30551.00
		Sub Total					435828.00
5		Lumpsum provision for fixing Name Board					15000.00
6		Advertisement charges					5000.00
7		Add for P.S & Contingent charges					12172.00
		Grand Total					468000.00

Detailed Estimate of the Rejuvenation of Pidari kulam (R.S.No. 92/4) at Nettapakkam

Sl. NO	DESCRIPTION OF WORK	NO			MEASUREMENTS IN METRES			QTY (OR) NUMBER	
					av	av	av		
1	Clearing Jungle				av	av	av		
	All-round the pond	1	X	1	82.00	54.00	-	4428.00	
					Sundries			2.00	
								4430.00	sqm
2	Earth work in rough excavation...				av	av	av		
	For deepening of Kulam	1	X	1	58.00	31.00	2.50	4495.00	
	deduct existing pond	-1	X	1	25.00	25.00	2.50	-1562.50	
					Sundries			2.50	
								2935.00	cum
3	Banking of available earth								
	As above							2935.00	
					Sundries			0.00	
								2935.00	Cum
4	Code No.19.6.5							-	-
	NP2 RCC pipe							-	-
		1	X	2	15.00	-	-	30.00	
					Sundries			0.00	
								30.00	Mts

Pond 12: Rejuvenation of Retti kulam Pond at Veerampattinam in Ariyankuppam Commune

Sl No	Code No	ITEM	Qty	unit	Rate	Amount
1	2.31	Clearing jungle including uprooting of rank vegetation, grass, brushwood, trees and saplings of girth upto 30cm measured at a height of 1m above ground level and removal of rubbish upto a distance of 50 m outside the periphery of the area cleared.	380.00	Sqm	7.35	2,793.00
2	30.5	Earth work in rough excavation and dressing in embankment by using machinery for roads , flood banks, marginal banks and guide banks or filling up ground depression within a initial lead of 50m and lift upto 6m in all kinds of soil (Payment shall be made based on levels)	1230.00	cum	25.60	31,488.00
3	30.4	Banking available earth in layers not exceeding 20cm in depth breaking clods, watering , rolling each layers with 1/2 tonne roller or wooden or steel rammers and dressing up in embankments for roads flood banks , marginal banks and guide banks etc and lift upto 1.5m in all kinds of soil. The quantity of the fill shall be calculated based on levels and then reduced by 10% for the purpose of payment	1230.00	cum	101.39	1,24,710.00
		Sub Total				1,58,991.00
4		Contingencies @ 3%				4,707.00
5		Lumpsum provision for fixing Name Board				7702.00
					Grand Total	1,71,400.00

Details of Estimate of the Rejuvenation of Retti kulam Pond at Veerampattinam in Ariyankuppam Commune Panchayat

SI No	Code No	Item of Work	No.	length	Breadth	Depth	Quantity
1	2.31	Clearing jungle including uprooting of rank vegetation, grass, brushwood, trees and... on bunds	1 x 1	185.00	2.00	sundries	370.00 10.00 380.00
2	30.5	Earth work in rough excavation and dressing Deeping of the pond	1 x 1	70.00 (avg)	35.00 (avg)	0.50 sundries	1225.00 5.00 1230.00 cum
3	30.4	Banking available earth in layers not Qty as per item no 2 above					1230.00 Cum

Pond 13: Rejuvenation of Krishnamachariyar kulam at Abishegapakkam in Ariyankuppam Commune

Sl No	Code No	Item of work	Qty	unit	Rate	Amount
1	30.5	Earth work in rough excavation and dressing up in embankment by using machinery for roads, flood banks, marginal banks and guide banks or filling up ground depression within a initial lead of 50m and lift upto 6m in all kinds of soil (Payment shall be made based on levels)	3500.00	cum	25.60	89,600.00
2	30.4	Banking available earth in layers not exceeding 20cm in depth breaking clods, watering, rolling each layers with 1/2 tonne roller or wooden or steel rammers and dressing up in embankments for roads flood banks , marginal banks and guide banks etc and lift upto 1.5m in all kinds of soil. The quantity of the fill shall be calculated based on levels and then reduced by 10% for the purpose of payment.	3500.00	cum	101.39	3,54,865.00
3	19.6.7	Providing and laying non - pressure NP2 class (light duty) R.C.C pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc.,complete - 600 mm dia R.C.C. pipe	12.00	Mt	1636.03	19,632.00
		Sub Total				4,64,097.00
4		Contingencies 3%				13,903.00
5		Lumpsum provision for fixing Name Board				10,000.00
					Total	4,88,000.00

Details of Estimate of the Rejuvenation of Krishnamachariyar kulam at Abishegapakkam in Ariyankuppam Commune Panchayat

<i>Sl No</i>	<i>Code No</i>	<i>Item</i>	<i>No.</i>	<i>Length</i>	<i>Breadth</i>	<i>Depth</i>	<i>Quantity</i>
1	30.5	Earth work in rough excavation and dressing	1 x 1	80.00 (avg)	85.00 (avg)	0.50 Sundries	3400.00 100.00 3500.00 Cum
2	30.4	Banking available earth in layers not Qty as per item No. 1 above					3500.00 Cum
3	19.6.7	Providing and laying non - pressure NP2	1 x 2	6.00			12.00 12.00 Mt