

Appendix – 1.1

Year-wise break up of outstanding Inspection Reports (IRs) as on 30 June 2016

(Reference : Paragraph 1.7.1 - Page : 8)

Year	Up to 2011-12	2012-13	2013-14	2014-15	2015-16	Total
PUBLIC WORKS (ROADS AND BRIDGES) DEPARTMENT						
Number of IRs	44	13	15	20	10	102
Number of paragraphs	205	99	98	233	130	765
Number of IRs for which initial reply has not been received (number of paragraphs)	NIL	NIL	NIL	2 (17)	7 (91)	9 (108)
WATER RESOURCES (IRRIGATION) DEPARTMENT						
Number of IRs	41	24	28	67	38	198
Number of paragraphs	122	48	70	260	195	695
Number of IRs for which initial reply has not been received (number of paragraphs)	NIL	NIL	NIL	4 (16)	10 (41)	14 (57)
AGRICULTURE DEVELOPMENT AND FARMERS' WELFARE DEPARTMENT						
Number of IRs	19	NIL	13	101	75	208
Number of paragraphs	36	NIL	26	279	218	559
Number of IRs for which initial reply has not been received (number of paragraphs)	NIL	NIL	NIL	3 (16)	NIL	3 (16)
FOREST AND WILDLIFE DEPARTMENT						
Number of IRs	19	3	20	50	26	118
Number of paragraphs	40	4	57	238	112	451
Number of IRs for which initial reply has not been received (number of paragraphs)	1 (1)	NIL	4 (7)	16 (100)	1 (1)	22 (109)

Appendix – 2.1

Instances of NOC granted for quarrying in Government land without auction

(Reference: Paragraph 2.7 - Page : 17)

Sl No	Name of NOC Holder	NOC issuing authority	Month and year of issue of NOC	Extent of land	Period (in years)
1	Shri. K.N. Madhusoodanan Managing Director, M/s Mavanal Granites Pvt. Ltd., Kalanjoor	District Collector, Pathanamthitta	August 2013	4.0469 ha	10
2	Shri. K.N.Madhusoodanan, Managing Partner, M/s Vajra Rock Mining Industries, Kalanjoor	District Collector, Pathanamthitta	February 2014	4.6785 ha	12
3	Seven NOCs- Three to Shri Reji Kuriakose, Two to Smt. Jeeva Reji and One each to Smt. Kumari Joy and Smt. Rema Rajiv	<i>Tahasildar,</i> Kothamangalam	2011-13	6.7291Acre	12
4	Shri. Sathyan, Kalathingal veedu, Kumbaleri P O	District Collector, Wayanad	July 2015	0.0808 ha	1
5	Shri George K. Vallamattom, Managing Director, Vallamattom Stone Aggregates, Arakuzha village	Additional <i>Tahasildar,</i> Muvattupuzha	February 2015	1.25 Acre	6

Appendix – 2.2

Details of violations of KMMC Rules identified during joint site verification of quarries

(Reference : Paragraph 2.14 - Page : 26)

Sl. No.	Quarry owned by	Violations of rules identified
1.	Shri. Thomas Mathai, Konnithazham Village, Pathanamthitta District	No display board containing details of quarrying permit and approach road not tarred.
2.	Shri.Baby Kutty Jacob, Konnithazham Village, Pathanamthitta District	No display board containing details of quarrying permit, no fencing around the quarry, demarcation was not properly done, access road not tarred, and no safety measures to labourers.
3.	Smt. Susamma John, M/s.Johnson Rocks Payyanamon, Konni, Pathanamthitta District.	No proper display board and no bench cutting in the quarrying area.
4.	Shri. Jobin Varghese, M/s. Pyramid Granites (P), Pathanamthitta District	No demarcation of area, no fencing and no display board. The entire quarrying area was part of a hill.
5.	Shri. Sudheer Sukumaran,MD., M/s.Aswothy Granites, Koodal Village, Pathanamthitta	No bench cutting and no proper fencing and demarcations.
6.	Abandoned quarry, Murinjakal, Pathanamthitta	No proper fencing and demarcation.
7.	Shri. PaulVarghese,M/s. Cement Bricks & Allied Industries, Choorakode, Vellangu (PO), Ernakulam District.	No bench cutting and no safety measures to the labourers. Number of trees cut and removed from the quarrying site was not available
8.	Shri. P.V.Santhosh, Ernakulam District.	Number of trees cut and removed from the quarrying site was not available. Explosive licence specifying quarrying areas at survey Nos.410/10 and 301/2-2 was not available. But licence to keep magazine at survey No.409/9 was produced.
9.	M/s.Cochin Granites, Pulickal Associates, North Mazhuvannoor, Ernakulam District.	Explosive licence for keeping explosive magazine at survey No.282/3-2 was available. However explosive licence specifying quarrying areas with survey Nos. was not available. In the consent of KSPCB (No/PCB/DO-EKM/IQR-204/08 dt.06.02.2016)survey No.284/1-3 was not specified. Bench cutting was not done, approach road to quarry was in damaged condition and display board was not available.
10.	Shri. V. R. Parameswaran, VRP Rock Sand, Mupliyam, Varandarappilly Village, Thrissur District	Display board not filled with statutory details and validity period of D&O licence (No.A1/237/15 dt.03.06.2015) had already been expired. No valid explosive licence, no proper fencing and there was no licensed person to supervise the blasting operations.

Sl. No.	Quarry owned by	Violations of rules identified
11.	Shri. T.T. Michael, Mupliyam, Varandarappilly Village, Thrissur District	Details of quarrying permit not shown in the display board, validity period of the permit had already expired; details of D&O licence and consent of KSPCB were not shown in the display board. Though validity of the permit expired the blasted markings on the rocks were very clear and prominent which indicated that the quarry was illegally operated. No benching in the quarried area and there was no demarcation to identify the area of permit.
12.	Shri. Haridasan A.V., Mupliyam, Varandarappilly Village, Thrissur District	Abandoned quarry. The display board was partially damaged, bench cutting was not done in the quarry and quarry area was not demarcated and properly fenced in.
13.	M/s. Victory Granites and Metal quarry, Mupliyam, Thrissur District	Abandoned quarry, located very close to forest area, approach road to quarry was in between forest area and 'junda' ¹ and the road was not tarred. Fencing was not provided around the quarry especially the water logged portion and the quarry was part of a hillock.
14.	Shri. Augustine Jose (Kalapurakkal Jose) Varandarappilly Village, Chalakudy Taluk, Thrissur Dist.	There was no statutory display board, no demarcation to identify the area of extraction and no bench cutting in the quarrying portion.
15.	M/s. Poabs Rock Products Pvt. Ltd., Nellikaparambil, Kozhikode	Lease areas (3 Nos. of leases) were not segregated though two leases were not registered under RMCU.
16.	Shri. AbdulRahman, Director, Marva Granites, Kodyathur Village, Kozhikode	Approach road to quarrying area was not tarred. The dealer's licence of the attached crusher unit had expired and the transit passes of the expired licence was used to move granite aggregates.
17.	Shri. C.P. Muhammed, Kodyathur Village, Kozhikode	No separate demarcation.
18.	Quarries in revenue land granted to 17 persons, Wayand District	The quarries were not fenced.
19.	M/s. CBM Enterprises, Kolagappara, Wayanad District.	Fencing was not provided around quarrying area and no demarcation. Approach road to quarry was not tarred.
20.	Shri. M.P. Kuriakose, Krishnagiri Village, Wayanad District.	Demarcation and fencing were not done; approach road to quarry was not tarred.
21.	Quarry of Shri. Renjith K. in Wayanad district.	Fencing was not provided. No separate water tank to keep the contaminated water. No mechanism to control dust, no bench cutting and no display board.

¹ 'junda' is a permanent conical structure of stones constructed to demarcate forest boundary.

Appendix – 2.3

Instances showing necessity of accurate measurement for assessing the quantity quarried

(Reference : Paragraph 2.15 - Page : 27)

Sl No	Details of quarry	Particulars showing the necessity for accurate measurement
1	Quarry owned by Shri. N. D. Joseph, Muvattupuzha taluk in Ernakulam district	The Geologist in Ernakulam district assessed the seigniorage payable for quarrying a quantity of 4,87,500 MT of GBS, based on which the <i>Tahasildar</i> , Muvattupuzha taluk in Ernakulam district directed (June 2014) the NOC holder to pay seigniorage for the quantity. However, on a request (August 2014) of the lease holder the quantity was re-assessed and the quantity on which seigniorage was payable was reduced (September 2014) to 2,02,608 MT only, citing the reasons that there were differences in the fixing of boundary of NOC land and the data regarding the period of quarrying of adjacent land was not available.
2	M/s United Metals, Palakuzha in Ernakulam district	The quarrying lease holder, quarried beyond their permitted area from the government land surrounded by their lease land which was detected (August 2015) by Revenue department. Consequent to the submission of mine plan, the Geologist, Ernakulam visited the quarry and found (August 2016) that the area was encroached up on and mined illegally beyond the permitted area, and ordered (September 2016) to remit an amount of ₹ 34.80 lakh towards royalty for 31,737 MT and fine for the violation. As per the report (November 2016) of <i>Tahasildar</i> , Muvattupuzha the assessed quantity would be more than what was arrived at so far and in order to arrive at the actual quantity, service of surveyors equipped with total station was sought for from the District Collector.
3	M/s Luxury Sand Kerala Private Limited, Elanji village, Ernakulam district	DMG found (June 2016) that the lease holder illegally quarried from the non lease government land surrounded by their quarrying lease land. As the Geologist could not ascertain the actual quantity extracted, the service of taluk surveyor of Muvattupuzha taluk was obtained for the purpose. As the surveyor's calculation was felt to be wrong, the Geologist, Ernakulam requested (November 2016) the District collector for revision of measurements with the observations that the surveyor excluded some portions.

Annexure – 2.4

Instances of public complaints on quarrying affecting availability of water

(Reference : Paragraph 2.16 - Page : 27)

SI No	Details about complainants	Nature of complaints
1	Inhabitants near to a laterite quarry located in Payanithradam Hill, Thalappilly taluk, Thrissur	Quarrying affected their drinking water sources adversely
2	Shri. K. R. Remanan, an inhabitant of Kannimangalam, Naduvattam PO, Ernakulam district	Working of a GBS quarry and crusher unit close to his residence reduced the water level in his well
3	Public complained Vengoor Panchayath authorities in Ernakulam District	Scarcity of water due to operation of quarry located at Munippara, Kombanad area
4	Priyadarsini Cultural Forum, Wayanad District Committee	Operating more than one GBS quarry located at Manimalakunnu in Thrikkaippatta village, caused reduction of spring water
5	Public in Kozhukkalloor village in Kozhikode district	Quarrying of laterite from nearby hill caused depletion of water level in their wells and they had to depend on far away sources for drinking water.

Appendix – 2.5

Instances of public complaints on quarrying causing vibrations/damages to residential buildings

(Reference : Paragraph 2.17 - Page : 28)

SI No	Details of complainants	Nature of complaints and further action
1	Inhabitants of Ayyampuzha village in Ernakulam district.	Public complaints against a quarry which caused damages to their houses due to blasting.
2	Complaints of inhabitants residing close to a quarry owned by M/s K. J. Vasudevan Nair, Thrissur district	Complaints were made regarding cracks to walls, roof tiles sliding down and vibration to house buildings due to the blasting in the quarry KSPCB was of the view that consent was given based on the distance criteria of 100 m from residential buildings and that cracks on buildings and vibrations did not come under their purview.
3	Public complaints against quarries which used heavy explosives (Arakkuzha, Ernakulam District)	Vibrations of the blast in the quarry were felt and flying pieces of rock caused damages to buildings and property and fear to the residents. As reported by the Revenue Divisional Officer, Muvattupuzha in Ernakulam district, residential buildings, store shed and cattle sheds located even 400 m away from two quarries (M/s St. Mary's quarries and a quarry owned by Shri. Babu Varkey at Arakkuzha) were found damaged.
4	Public complained against the functioning of a quarry located at Kabanigiri in Padichira village, in Wayanad district	Complaints were that blasting in the quarry caused vibrations and damages to the roof of residential buildings.
5	Public in Kodassery Village in Thrissur district complained about the functioning of a quarry	The quarry was causing nuisances such as dust, sound and vibration and damage to houses. The Additional <i>Tahasildar</i> , Mukundapuram reported that cracks were detected on the walls of residential buildings situated more than 200 m away from the quarry owned by M/s Edathadan Granites, Kodassery.
6	Shri. Viswanathan K., Choorakkodumala, Adoor Taluk	Quarry activity caused damage to a residential building. The District Geologist, Pathanamthitta stopped the operation of a GBS quarry owned by Shri. G. Rajeevan of Erathu village based on complaints from various corners.

Appendix – 2.6

Examples of repeat offenders

(Reference : Paragraph 2.18.2 - Page : 31)

Sl No	Name of repeat offender	Data collected from	Nature of offence	Number of times offence committed
1	Shri. T.T. Michael	District office of Mining and Geology, Thrissur	Illegal quarrying	2
2	Shri. Sojan. C.J	District office of Mining and Geology, Thrissur	Illegal transportation	3
3	Shri. Sunil	District office of Mining and Geology, Thrissur	Illegal transportation	2
4	Shri. M.P. Kuriakose	District office of Mining and Geology, Wayanad	Illegal quarrying	2
5	Shri. Binoj. K. Baby	District office of Mining and Geology, Wayanad	Illegal quarrying	2

Appendix – 3.1.1

Details of 42 Houseboats subjected to joint verification

(Reference : Paragraph 3.1.2 - Page : 39)

Sl. No	Name of Boat	Identification number ²	Sl. No	Name of Boat	Identification number	Sl. No	Name of Boat	Identification number
1	Syndicate	Nil ³	15	Anthem of Lake	Nil	29	Princess	Nil
2	Bhasura	1059	16	No name	1149/13	30	Nandhanam	0471/13
3	Holiday Home	Nil	17	Kerala Tours Backwaters, holiday	0033/10	31	Lakes and Lagoons No.9	532
4	ABC	0088/10	18	Kerala Tours Backwaters -2	Nil	32	Vinayaka Tours	Nil
5	Venice Tour	Nil	19	Kerala Backwaters No.2	Nil	33	Gloria	Nil
6	Maddonna	Nil	20	Kerala Backwaters No.4	Nil	34	Thejas	Nil
7	Venice	Nil	21	Kerala Backwaters No.6	Nil	35	Sreepadmam	Nil
8	Gouri	0090/10	22	Kerala Backwaters No.7	0892/11	36	Bamboo green	1306
9	Kerala Backwaters	Nil	23	Kerala Backwaters No.8	Nil	37	Ursala	1080/13
10	No name	0919/11	24	Kerala Backwaters No.9	Nil	38	Mayooram	Nil
11	Blue Jelly	Nil	25	Kerala Backwaters No.10	Nil	39	Sabhwereeshan	Nil
12	Ever Green Tours	99	26	No name	CIB 872	40	Golden Mist	366
13	No name	KIV 299	27	Maidhili	223/11	41	Summer breeze	543
14	Spice Coast-5	0174/10	28	No name	KIV 1105	42	Freedia waters	Nil

(Source: Joint Verification Report)

² KIV No. issued by Port authorities.³ 'Nil' mentioned in the table refers to unregistered HBs.

Appendix – 3.1.2

Position of survey, registration and distinguishing mark noticed during joint verification of 42 Houseboats

(Reference : Paragraph 3.1.3.1(i) / 3.1.3.2.(i) – Page : 40/43)

Unregistered HBs	Dry dock inspection not conducted so far	Not applied for dry dock inspection periodically (36 months)	Annual survey not conducted so far	Not applied for renewal of annual survey certificate	HBs without distinguishing mark
Syndicate	Syndicate		Syndicate		Syndicate
	Bhasura			Bhasura	Bhasura
Holiday Home	Holiday Home				
					ABC
Venice Tour	Venice Tour		Venice Tour		Venice Tour
Maddonna	Maddonna		Maddonna		Maddonna
Venice	Venice		Venice		Venice
	Gouri				Gouri
Kerala Backwaters	Kerala Backwaters		Kerala Backwaters		Kerala Backwaters
		No name/KIV 919	No name/KIV 919		No name/KIV 919
Blue Jelly	Blue Jelly		Blue Jelly		Blue Jelly
					Ever Green Tours
		No name/KIV 299		No name/KIV 299	No name/KIV 299
	Spice Coast-5		Spice Coast-5		Spice Coast-5
Anthem of Lake	Anthem of Lake		Anthem of Lake		Anthem of Lake
				No name/KIV 1149/13	No name/KIV 1149/13
					Kerala Tours Backwaters, holiday
Kerala Tours Backwaters -2	Kerala Tours Backwaters -2		Kerala Tours Backwaters -2		Kerala Tours Backwaters -2
Kerala Backwaters No.2	Kerala Backwaters No.2		Kerala Backwaters No.2		Kerala Backwaters No.2
Kerala Backwaters No.4	Kerala Backwaters No.4		Kerala Backwaters No.4		Kerala Backwaters No.4
Kerala Backwaters No.6	Kerala Backwaters No.6		Kerala Backwaters No.6		Kerala Backwaters No.6
		Kerala Backwaters No.7		Kerala Backwaters No.7	Kerala Backwaters No.7

Unregistered HBs	Dry dock inspection not conducted so far	Not applied for dry dock inspection periodically (36 months)	Annual survey not conducted so far	Not applied for renewal of annual survey certificate	HBs without distinguishing mark
Kerala Backwaters No.8	Kerala Backwaters No.8		Kerala Backwaters No.8		Kerala Backwaters No.8
Kerala Backwaters No.9	Kerala Backwaters No.9		Kerala Backwaters No.9		Kerala Backwaters No.9
Kerala Backwaters No.10	Kerala Backwaters No.10		Kerala Backwaters No.10		Kerala Backwaters No.10
CIB 872	CIB 872		CIB 872		CIB 872
	Maidhili			Maidhili	Maidhili
					No name/KIV 1105
Princess	Princess		Princess		Princess
		Nandhanam			Nandhanam
		Lakes and Lagoons No.9			Lakes and Lagoons No.9
Vinayaka Tours	Vinayaka Tours		Vinayaka Tours		Vinayaka Tours
	Gloria		Gloria		Gloria
Thejas	Thejas		Thejas		Thejas
Sreepadmam	Sreepadmam		Sreepadmam		Sreepadmam
	Bamboo green				Bamboo green
	Ursala				Ursala
Mayooram	Mayooram		Mayooram		Mayooram
Sabhwereeshan	Sabhwereeshan		Sabhwereeshan		Sabhwereeshan
	Golden Mist		Golden Mist		Golden Mist
			Summer breeze		Summer breeze
Freedia waters	Freedia waters		Freedia waters		Freedia waters
23 numbers	31 numbers	5 numbers	27 numbers	5 numbers	41 numbers

Appendix – 3.1.3

Details of survey fees forgone by the department

(Reference : Paragraph 3.1.3.2(i) – Page : 44)

Year	Total number of HBs registered each year	HBs not applied for renewal of annual survey as on 31.03. 2016	Annual survey not conducted so far	Total	Survey fees including fine due to be collected as on 31.03.2016 (in ₹)
2010-11	400	164	42	206	27,90,250
2011-12	81	31	17	48	5,83,250
2012-13	25	13	5	18	1,78,750
2013-14	123	55	8	63	5,69,500
2014-15	40	14	7	21	1,47,000
2015-16	65	27	6	33	1,76,750
Total	734	304	85	389	44,45,500

Appendix – 3.1.4**Details of Houseboats pending dry dock inspection****(Reference : Paragraph 3.1.3.2(ii) - Page : 44)**

Year of registration	No. of HBs registered	No. of HBs not applied for renewal of dry dock inspection	No. of HBs not applied for dry docking so far	Total
2010-11	400	161	78	239
2011-12	81	48	12	60
2012-13	25	16	13	29
2013-14	123	0	58	58
2014-15	40	0	34	34
2015-16	65	0	56	56
Total	734	225	251	476

Appendix – 3.1.5

Details of dry dock fees forgone by the department

(Reference : Paragraph 3.1.3.2(ii) - Page: 44)

Year of registration	No. of HBs registered	No. of HBs not applied for renewal of dry dock inspection	Fees pending due to non-renewal (₹)	No. of HBs not applied for dry docking so far	Amount of fees pending (₹)	Total amount due to Government (₹)
2010-11	400	161	6,00,000	78	2,85,000	8,85,000
2011-12	81	48	1,80,000	12	45,000	2,25,000
2012-13	25	16	60,000	13	48,750	1,08,750
2013-14	123	0	0	58	2,10,000	2,10,000
2014-15	40	0	0	34	1,27,500	1,27,500
2015-16	65	0	0	56	2,10,000	2,10,000
Total	734	225	8,40,000	251	9,26,250	17,66,250

Appendix – 3.1.6

Details of Houseboats not having with sufficient and competent crew out of the 42 jointly verified Houseboats

(Reference : Paragraph 3.1.3.3 - Page : 45)

Serang not holding valid licence	Driver not holding valid licence	Lascar not holding valid license	HBs operated by cook/helper	Validity of Competency Certificate expired	Sufficient numbers of crew not available
Syndicate	Syndicate	Syndicate			
	Bhasura	Bhasura			
	Holiday Home	Holiday Home			
	ABC	ABC			
Venice Tour	Venice Tour	Venice Tour			
Maddonna	Maddonna	Maddonna			
Venice	Venice	Venice			
	Gouri	Gouri			
Kerala Backwaters	Kerala Backwaters	Kerala Backwaters			
No name/KIV 919	No name/KIV 919	No name/KIV 919			
Blue Jelly	Blue Jelly	Blue Jelly			
	Ever Green Tours	Ever Green Tours			
No name/KIV 299					
Spice Coast-5	Spice Coast-5	Spice Coast-5			
Anthem of Lake	Anthem of Lake	Anthem of Lake			
No name/KIV 1149/13	No name/KIV 1149/13	No name/KIV 1149/13			
	Kerala Tours Backwaters, Holiday	Kerala Tours Backwaters, Holiday			
Kerala Tours Backwaters -2	Kerala Tours Backwaters -2	Kerala Tours Backwaters -2			
Kerala Backwaters No.2	Kerala Backwaters No.2	Kerala Backwaters No.2		Kerala Backwaters No.2	
Kerala Backwaters No.4	Kerala Backwaters No.4	Kerala Backwaters No.4		Kerala Backwaters No.4	
Kerala Backwaters No.6	Kerala Backwaters No.6	Kerala Backwaters No.6		Kerala Backwaters No.6	

Serang not holding valid licence	Driver not holding valid licence	Lascar not holding valid license	HBs operated by cook/helper	Validity of Competency Certificate expired	Sufficient numbers of crew not available
Kerala Backwaters No.8	Kerala Backwaters No.8	Kerala Backwaters No.8		Kerala Backwaters No.8	
Kerala Backwaters No.9	Kerala Backwaters No.9	Kerala Backwaters No.9		Kerala Backwaters No.9	
Kerala Backwaters No.10	Kerala Backwaters No.10	Kerala Backwaters No.10		Kerala Backwaters No.10	
CIB 872	CIB 872	CIB 872			
Maidhili	Maidhili	Maidhili			
	No name/KIV 1105	No name/KIV 1105			
Princess					Princess
					Nandhanam
					Lakes and Lagoons No.9
Vinayaka Tours	Vinayaka Tours		Vinayaka Tours		Vinayaka Tours
Gloria	Gloria				Gloria
			Thejas		Thejas
Sreepadmam	Sreepadmam				Sreepadmam
Bamboo green					Bamboo green
Ursala	Ursala	Ursala			
			Mayooram		Mayooram
Sabhwereeshan					Sabhwereeshan
Golden Mist					Golden Mist
			Summer breeze		Summer breeze
Freedia waters	Freedia waters				Freedia waters
29 numbers	31 numbers	27 numbers	4 numbers	6 numbers	13 numbers

Appendix – 3.1.7

Details of Houseboats not having sufficient life saving appliances out of the 42 jointly verified Houseboats

(Reference : Paragraph 3.1.3.4(i) – Page : 46)

HBs without adequate lifebuoys	HBs without any lifebuoys	HBs without any life jackets	HBs without adequate life jackets
			Syndicate
Bhasura			Bhasura
Holiday Home			Holiday Home
ABC			ABC
Venice Tour		Venice Tour	
Maddonna		Maddonna	
Venice			Venice
Gouri			Gouri
Kerala Backwaters			Kerala Backwaters
No name/KIV 299			No name/KIV 299
	No name/KIV 1149/13	No name/KIV 1149/13	
Kerala Tours Backwaters, Holiday			Kerala Tours Backwaters, Holiday
Kerala Tours Backwaters -2			Kerala Tours Backwaters -2
	Kerala Backwaters No.2		Kerala Backwaters No.2
Kerala Backwaters No.4			
Kerala Backwaters No.6			Kerala Backwaters No.6
	Kerala Backwaters No.7	Kerala Backwaters No.7	
Kerala Backwaters No.8			Kerala Backwaters No.8
Kerala Backwaters No.9			Kerala Backwaters No.9
Kerala Backwaters No.10			Kerala Backwaters No.10
	CIB 872	CIB 872	
		Maidhili	
No name/KIV 1105			No name/KIV 1105
Princess			Princess
	Nandhanam	Nandhanam	
			Lakes and Lagoons No.9
Vinayaka Tours			Vinayaka Tours
	Gloria	Gloria	
	Thejas	Thejas	

HBs without adequate lifebuoys	HBs without any lifebuoys	HBs without any life jackets	HBs without adequate life jackets
	Sreepadmam	Sreepadmam	
Bamboo green			Bamboo green
			Ursala
	Mayooram	Mayooram	
Sabhwereeshan			Sabhwereeshan
Golden Mist			Golden Mist
Summer breeze			
	Freedia waters		
23 numbers	10 numbers	11 numbers	23 numbers

Appendix – 3.1.8

Details of Houseboats not provided with sufficient firefighting equipment and valid ICO out of the 42 jointly verified Houseboats

(Reference : Paragraph 3.1.3.4.(i)/3.1.3.9(i) – Page : 46/52)

HBs not provided with fire extinguishers	HBs not fitted with fire and smoke alarm	HBs not fitted with fire pump	ICO not obtained so far	ICO not renewed
Syndicate	Syndicate	Syndicate	Syndicate	
	Bhasura	Bhasura	Bhasura	
	Holiday Home			
	ABC	ABC		
Venice Tour		Venice Tour	Venice Tour	
Maddonna	Maddonna	Maddonna		
Venice	Venice	Venice		
	Kerala Backwaters		Kerala Backwaters	
	No name/KIV 919			No name/KIV 919
	Blue Jelly		Blue Jelly	
	Ever Green Tours	Ever Green Tours		
	No name/KIV 299	No name/KIV 299		
No name/KIV 1149/13	No name/KIV 1149/13	No name/KIV 1149/13		No name/KIV 1149/13
	Kerala Tours Backwaters, holiday	Kerala Tours Backwaters, holiday		
	Kerala Tours Backwaters -2	Kerala Tours Backwaters -2	Kerala Tours Backwaters -2	
	Kerala Back waters No.2	Kerala Back waters No.2	Kerala Back waters No.2	
Kerala Backwaters No.4	Kerala Backwaters No.4	Kerala Backwaters No.4	Kerala Backwaters No.4	
	Kerala Backwaters No.6	Kerala Backwaters No.6	Kerala Backwaters No.6	
	Kerala Backwaters No.7		Kerala Backwaters No.7	
Kerala Backwaters No.8	Kerala Backwaters No.8	Kerala Backwaters No.8	Kerala Backwaters No.8	
Kerala Backwaters No.9	Kerala Backwaters No.9	Kerala Backwaters No.9	Kerala Backwaters No.9	
Kerala Backwaters No.10	Kerala Backwaters No.10	Kerala Backwaters No.10		
CIB 872	CIB 872	CIB 872	CIB 872	CIB 872
	Maidhili	Maidhili		

HBs not provided with fire extinguishers	HBs not fitted with fire and smoke alarm	HBs not fitted with fire pump	ICO not obtained so far	ICO not renewed
	No name/KIV 1105			
Princess	Princess	Princess		
Nandhanam	Nandhanam	Nandhanam		
Lakes and Lagoons No.9	Lakes and Lagoons No.9	Lakes and Lagoons No.9		
	Vinayaka Tours	Vinayaka Tours	Vinayaka Tours	
Gloria	Gloria	Gloria	Gloria	
Thejas	Thejas	Thejas	Thejas	
Sreepadmam	Sreepadmam	Sreepadmam	Sreepadmam	
	Bamboo green	Bamboo green		
	Ursala	Ursala		
Mayooram	Mayooram	Mayooram	Mayooram	
Sabhwereeshan	Sabhwereeshan	Sabhwereeshan	Sabhwereeshan	
	Golden Mist	Golden Mist	Golden Mist	
	Summer breeze	Summer breeze	Summer breeze	
Freedia waters	Freedia waters	Freedia waters	Freedia waters	
19 numbers	38 numbers	33 numbers	22 numbers	3 numbers

Appendix – 3.1.9

Details of surprise inspections conducted by Ports/Police departments during 2010-16

(Reference : Paragraph 3.1.3.6 – Page : 49)

Sl No	Date	Number of HBs inspected	Number of HBs penalised	Number of HBs which remitted the penalty	Number of HBs for which provisional detention order issued	Number of HBs not marked registration number	Number of HBs with no valid survey certificate/no survey certificate	Number of HBs with registration certificate on board	Number of HBs with no valid insurance	Number of HBs with no valid crew license	Number of HBs with insufficient crew	Number of unregistered HBs
1	06.12.2013	8	0	0	8	4	8	0	1	0	0	4
2	20.12.2013	12	6	0	6	0	0	0	0	0	0	0
3	16.01.2014	9	2	0	7	0	7	0	7	7	0	7
4	19.08.2014	22	22	7	17	0	0	0	0	0	0	18
5	03.09.2014	46	13	11	46	0	0	0	0	0	0	46
6	03.09.2014	37	10	10	37	0	0	0	0	0	0	37
7	29.10.2014	6	0	0	6	1	0	0	1	0	1	1
8	26.12.2014	8	2	0	6	2	1	0	1	1	0	0
9	20.05.2015	12	1	0	11	1	1	0	1	1	0	0
10	06.08.2015	8	1	0	7	0	1	0	1	0	0	0
11	01.09.2015	7	2	0	6	2	2	1	0	0	0	2
12	02.09.2015	5	4	0	0	1	4	0	3	1	0	0
13	14.10.2015	5	5	0	2	2	2	0	1	1	0	2
14	29.12.2015	16	16	0	0	9	13	5	10	6	4	0
15	12.03.2016	7	7	0	7	6	6	1	6	3	1	0
16	07.04.2016	12	12	0	0	8	11	0	10	11	0	0
17	23.04.2016	17	14	3	4	13	5	9	7	7	0	3
	Total	237	117	31	170	49	61	16	49	38	6	120

Appendix – 3.2.1

Transfers of industrial plots and related issues

(Reference : Paragraph 3.2.5 – Page : 58)

Sl. No.	Name of DIC	Name of Unit, DA / DP	Extent of land allotted	Date of allotment	Transfer details	Remarks
1	DIC, Palakkad	M/s Dhaan Ispat Pvt. Ltd./ DA Pudusserry	2322 cents	18.08.2004	On 22.12.2015 change of board of directors intimated to DIC.	In December 2015 a new director was appointed. Change in the constitution of ownership is transfer.
2	DIC, Ernakulam	M/s Nennmani Agro Mills / DA Aluva	150 cents	07.10.1996	Sub-lease of plant and machinery sanctioned on 23.12.2015 by Director.	Requested for sub-lease to M/s Elite retail ventures India LLP. This was approved by the Director in contravention to existing rules.
3	DIC, Ernakulam	M/s Penta Milk Products Pvt. Ltd / DP Aluva	100 cents	11.11.1997	Change of name to M/s Rhema Dairy Products India (P) Ltd was approved by Director on 26.08.2015.	Change in constitution of ownership is not allowed within five years of a previous change. Though change was approved on 26.08.2015, the Chairman resigned and his son was introduced in the Board of Directors on 09.05.2016, thus violating the conditions.
4	DIC, Thrissur	M/s Speed Lubes / DP Velakode	52 cents	03.03.2011	Transferred the land to M/s NCI Paints on 04.06.2016	The transfer was not as per the new lease rules. As the Government has enacted lease rule to overcome the defects of existing rules, transfers shall be done as per the lease rules.
5	DIC, Thrissur	M/s Promise Industries / DP Ayyankunnu	25 cents	13.05.2010	Party proposed to transfer the land to M/s Envirogreen Carrybags (India) Pvt. Ltd	The party mortgaged the land and defaulted on loan repayment. To overcome the financial problem, transfer was proposed. On joint verification it was found that the unit was being run by M/s Envirogreen Carrybags (India) Pvt. Ltd. without the permission of DIC.

Appendix – 3.2.2

List of industrial plots transferred/changes made in the constitution of Board of Directors without departmental permission

(Reference : Paragraph 3.2.5 - Page : 58)

Sl. No.	Name of unit	Name of DA/DP	District
1	L&J Rubber Reclaims Pvt. Ltd.	DP Kalamasserry	Ernakulam
2	Chakkiath Engineering works	DP Kalamasserry	Ernakulam
3	Babu Chand Controls	DP Kalamasserry	Ernakulam
4	DV Deo Industries	DP Kalamasserry	Ernakulam
5	Leetha Industries	DP Kalamasserry	Ernakulam
6	Glitter Paints and Chemicals	DP Kalamasserry	Ernakulam
7	Athullya Foods Pvt. Ltd.	DP Kalamasserry	Ernakulam
8	United FRP Industries	DP Kalamasserry	Ernakulam
9	Plants India Agro Machineries Pvt. Ltd.	DP Kalamasserry	Ernakulam
10	Vadakedath Tools	DP Kalamasserry	Ernakulam
11	OKAY Nitrous Pvt. Ltd.	DP Kalamasserry	Ernakulam
12	T-Gaurden	DP Kalamasserry	Ernakulam
13	Int-Decs	DP Kalamasserry	Ernakulam
14	Yes Vees Metal Finishers	DP Kalamasserry	Ernakulam
15	Polo cast	DP Kalamasserry	Ernakulam
16	RK Industries	DP Kalamasserry	Ernakulam
17	Bright Cartons	DP Kalamasserry	Ernakulam
18	Master Crafts Man India Pvt. Ltd.	DP Kalamasserry	Ernakulam
19	Cochin Nitrides	DP Kalamasserry	Ernakulam
20	Nino Brothers	DP Angamaly	Ernakulam
21	Neroth Agro foods	DP Angamaly	Ernakulam
22	Kodandaram Roller Flour Mills Pvt. Ltd.	DP Angamaly	Ernakulam
23	A-one Industries	DP Angamaly	Ernakulam
24	Sea Line Polymers Pvt. Ltd.	DA Vazhukulam	Ernakulam
25	Anaha Timber Industries	DA Vazhukulam	Ernakulam
26	Silpi Agro Tech	DA Vazhukulam	Ernakulam
27	Vajra Plastics	DA Vazhukulam	Ernakulam
28	Safa Polymers	DA Aluva	Ernakulam
29	Mideast Exports	DA Vazhukulam	Ernakulam
30	High-Tech Thermo coatings	DA Vazhukulam	Ernakulam
31	Intrans Electro Components	DA Vazhukulam	Ernakulam
32	Derry Foams	DA Vazhukulam	Ernakulam
33	Intimate Multi Plast	DA Vazhukulam	Ernakulam
34	Sree sastha Plywoods	DA Vazhukulam	Ernakulam
35	J&J Bio-Tech	DA Vazhukulam	Ernakulam

Sl. No.	Name of unit	Name of DA/DP	District
36	Prima Beverages	DA Vazhakulam	Ernakulam
37	Thripura fertilisers Pvt. Ltd.	DA Vazhakulam	Ernakulam
38	Green valley Specified Rubbers Pvt. Ltd.	DA Vazhakulam	Ernakulam
39	Falcon Elastomers Pvt. Ltd.	DA Vazhakulam	Ernakulam
40	Malabar Polymers	DA Vazhakulam	Ernakulam
41	AAK Fibers Pvt. Ltd.	DA Angamaly	Ernakulam
42	Elixir Exotic Foods and Allied Products Pvt. Ltd.	DA Angamaly	Ernakulam
43	Accellar Steels Pvt. Ltd.	DA Angamaly	Ernakulam
44	Three Star Engineering Company	DA Angamaly	Ernakulam
45	Kancor Flavors and Extracts Ltd.	DA Angamaly	Ernakulam
46	Sayeg paints	DA Angamaly	Ernakulam
47	Jayemjay Techno Foams	DA Angamaly	Ernakulam
48	Euro Polymers	DA Edayar	Ernakulam
49	Panagattu Polymers	DA Edayar	Ernakulam
50	Millennium Poly pack	DA Edayar	Ernakulam
51	Southern Composites Pvt. Ltd.	DA Edayar	Ernakulam
52	Marksmen Marine products	DA Edayar	Ernakulam
53	Ultra Tech Ready Mix	DA Edayar	Ernakulam
54	Nexa Condiments	DA Edayar	Ernakulam
55	Hi-Tech Engineering and Eco Solutions	DA Edayar	Ernakulam
56	Five star Industries	DA Edayar	Ernakulam
57	Madassery Industries	DA Edayar	Ernakulam
58	JBS Intermix & Rubber Products	DA Edayar	Ernakulam
59	Sunrise TSR Factory	DA Edayar	Ernakulam
60	Sherine Hi-Fabs	DA Edayar	Ernakulam
61	Vinayaka Industries	DA Edayar	Ernakulam
62	Ramand Elecro Coats	DA Edayar	Ernakulam
63	Five Star Industries	DA Edayar	Ernakulam
64	ETA Technologies	DA Edayar	Ernakulam
65	South Indian Fertilizers Pvt. Ltd.	DA Edayar	Ernakulam
66	Ellickal Enterprises	DA Edayar	Ernakulam
67	MKH Industries	DA Edayar	Ernakulam
68	Techno flex Cables Pvt. Ltd.	DA Edayar	Ernakulam
69	Koshy Chemiclas	DA Edayar	Ernakulam
70	KSOV Corporation	DA Edayar	Ernakulam
71	Deepak Glasses	DA Edayar	Ernakulam
72	K.J. Polymers	DA Edayar	Ernakulam

Appendix – 3.2.3

List of idling un-resumed industrial land

(Reference : Paragraph 3.2.6.4 (a) - Page : 62)

Sl. No.	Name of DIC	Name of Unit/DA,DP	Extent of land allotted	Date of allotment	Reason for resumption	Remarks
1	DIC, Palakkad	M/s Dhaan Ispat Pvt. Ltd./ DA Pudusserry	1432 cents	18.08.2004	Idling since allotment	Industrial land not utilised within the specified period shall be resumed and re-allotted to prospective entrepreneurs.
2	DIC, Palakkad	M/s Vira Constructions / DP Kàppur	41 cents	05.01.2006	Idling since allotment	Land kept idle, not resumed so far
3	DIC, Palakkad	M/s Kalpaka Biotech / DP Kàppur	123 cents	12.05.2010	Idling since allotment	Land kept idle, not resumed so far
4	DIC, Ernakulam	M/s Asiatic Products / DA Edayar	15 cents	28.01.1997	Idling since allotment	Land kept idle, not resumed so far
5	DIC, Ernakulam	M/s Geeyes Concrete Block / DA Edayar	75 cents	09.03.2010	Idling since allotment	Land kept idle, not resumed so far
6	DIC, Ernakulam	M/s Nelpurayil Rubbers Pvt. Ltd./ DP Kalamassery	36.5 cents	02.05.1970	Idling after 1983	Land kept idle even after transfer to legal heirs.
7	DIC, Ernakulam	M/s Malayalam Chemicals Ltd /DA Edayar	50 cents	18.05.2002	Idling after 2005	Electricity charge dues to KSEB ₹ 1,79,67,846 not paid, hence disconnected electricity supply and the firm became defunct since October 2005.
8	DIC, Ernakulam	M/s Cliff India Corporation / DP Angamaly	(10 + 17.5) 27.5 cents	21.02.1986 & 20.04.1988	Idling	Land kept idle, not resumed so far

Sl. No.	Name of DIC	Name of Unit/DA, DP	Extent of land allotted	Date of allotment	Reason for resumption	Remarks
9	DIC, Thrissur	M/s Tera Tile Consortium Pvt. Ltd./DP Velakode	400 cents	04.07.2005	Idling	Land idling due to lack of clay (raw material)
10	DIC, Thrissur	Diamond Complex & Training Institute/ DP Velakode	100 cents	07.12.2005	Idling since allotment	Land is not utilised for the purpose for which it is allotted.
11	DIC, Ernakulam	M/s Bhagavathy Beverages Pvt. Ltd./ DA Angamaly	330 cents	06.02.1986	Idling since 2004	Proposal for 'Logistic Park' was rejected by Director. But, Government (Industries Department) directed to grant permission on 06.06.2015.

Appendix – 3.2.4

Details showing delay in resumption of land

(Reference : Paragraph 3.2.6.4 (b) - Page : 62)

Sl. No.	Name of DIC	Name of Unit/DA,DP	Extent of land allotted in cents	Reason for resumption	Year from which the unit became defunct/idling	When Resumed	Delay in years
1	DIC, Palakkad	M/s Palakkad Industries/ DA Pudussery	930	Idling	2002	August 2010	8
2	DIC, Palakkad	M/s Sky Like/ NIDA Kanjikode	40	idling	2011	June 2014	2.5
3	DIC, Ernakulam	M/s Jinnees Enviochem / DA Edayar	177	idling	2000	2007	7
4	DIC, Ernakulam	M/s West Coast Concrete Products/ DA Angamaly	566	idling	September 2006	November 2014	8
5	DIC, Kozhikode	M/s Poyilakada Fisheries/ DP West hill	129	idling	2004	August 2014	10
6	DIC, Palakkad	M/s Walayar Cements/ NIDA Kanjikode	200	idling	September 2011	March 2015	3.5

Appendix – 3.2.5

Mortgage/auction and related cases

(Reference : Paragraph 3.2.6.5 - Page : 63)

Sl No	Name of DIC	Name of Unit/DA, DP	Extent of land allotted in cents	Date of allotment	Mortgage Permission granted or not	Remarks
1	DIC, Ernakulam	M/s Oasis Environmental/ DA Edayar	177	Old case. Not available	Land mortgaged to KFC without permission and defaulted the loan	M/s Jinnees Enviochem purchased on 05.06.2000 through auction from Kerala Financial Corporation and the land is idling since then.
2	DIC, Ernakulam	M/s JJ Roller Flour Mills/ DA Vazhakulam	75	19.03.1997 & assigned on 15.09.2006	Mortgage permission granted by GM, DIC on 20.01.1998 instead of Government (Industries Department).	Government has to accord sanction for mortgage permission to assigned land, instead of Director's ratification prior permission from Government is needed.
3	DIC, Ernakulam	M/s Kodandram Roller flour Mills (P) Ltd/ DA Angamaly	247	02.03.1987 & assigned on 11.12.1991	Mortgage permission granted by GM, DIC on 23.06.1997 instead of Government (Industries Department)	Government has to accord sanction for mortgage permission to assigned land. Instead of Director's ratification (02.12.1997) prior permission from Government is needed.
4	DIC, Ernakulam	M/s Ponilil Modern Rice Mills/ DA Aluva	125	16.02.1996	Mortgage permission granted by GM, DIC on 03.02.1998.	Land attached by Revenue Recovery as ₹ 3.22 crore loan due. Land auctioned on 09.10.2007.
5	DIC, Thrissur	M/s Promise Industries/ DP Ayyankunnu	25	13.05.2010	Mortgage permission granted by GM, DIC on 25.03.2011	Party mortgaged the land and defaulted on loan repayment. To clear the dues, land transfer is proposed by the party.
6	DIC, Ernakulam	M/s Kerala Acids & Chemicals Ltd/ DA Edayar	866	16.12.2004	Court ordered to windup the company by official liquidator as industrial land.	The successful auctioneer is using the land for godown and training centre which is not regularised by DIC.

Appendix – 4.3.1

Purchases made for the new building of the Directorate

(Reference : Paragraph 4.3.3 - Page : 75)

(₹ in lakh)

Sl. No.	Item purchased	Cost	Present condition	Remarks
1	Furnishings	53.94	Steel furniture in rusted condition	AS for ₹ 53.94 lakh was given (March 2012) for purchase of furniture from Forest Industries Travancore Ltd. (FIT) - a manufacturer of wooden furniture. But, on specific request from Port Directorate FIT procured and supplied proprietary steel items from M/s Godrej and Boyce which were not suited to the local climate. The Director had paid FIT only ₹ 43.15 lakh. The Director had also violated the provision of the Stores Purchase Manual regarding purchase of proprietary items; since such purchases could be made only where no alternative or substitute existed.
2	Computers and Accessories	53.28	Many non-functional	A joint physical verification found the computers and accessories damaged due to salinity dumped in a room.
3	Audio Visual system	25.82	Partially functioning	Not fully functional due to corrosive atmosphere and deposit of salt in the electronic gadgets.
4	Security Surveillance System	12.95	Malfunctioning	Malfunctioning attributed to saline environmental conditions of the coastal area.
Total		145.99		

(Source: Records of Directorate)

Appendix – 4.3.2

Status of solar power systems installed in Port Offices

(Reference : Paragraph 4.3.4.3 - Page : 77)

Sl. No.	Administrative sanction		Advance paid (₹)	Sanctioned amount for battery back up (₹)	Up to date expenditure (₹)	Status of the work
	Name of Port	Amount (₹ In lakh)				
(1)	(2)	(3)	(4)	(5)	6=(4) + (5)	(7)
1	Kasargode	11.00	5,23,540	--	5,23,540	Non-functional for want of net meter & inspection by Electrical Inspectorate
2	Azhikkal	11.00	5,23,540	--	5,23,540	--do--
3	Kannur	11.00	5,23,540	--	5,23,540	--do--
4	Thalassery	11.00	*	--	--	* Shifted to Alappuzha port, hence not considered
5	Badakara	11.00	5,23,540	--	5,23,540	Not considered for installation
6	Beypore	11.00	5,23,540	--	5,23,540	Non-functional for want of net meter & inspection by Electrical Inspectorate
7	SPC Office Beypore	11.00	5,23,540 *	3,51,222	8,74,762	Functional * Shifted from MEW Neendakara, Kollam.
8	MEW Beypore	11.00	5,23,540	--	5,23,540	Non-functional for want of net meter & inspection by Electrical Inspectorate
9	Ponnani	11.00	5,23,540	--	5,23,540	Non-functional- damaged
10	Kodungallur	11.00	5,23,540	--	5,23,540	Non-functional for want of net meter & inspection by Electrical Inspectorate
11	Alappuzha	11.00	5,23,540 *	3,51,222	8,74,762	Functional * Shifted from Thalassery.
12	MEW Kollam	11.00	*	--	--	* Shifted to SPC office Beypore
13	Kollam Thangassery	21.00	10,18,990	7,02,444	17,21,434	Non-functional. Require change of installation from godown to electrical control room
14	Kollam Asramam office	11.00	5,23,540	--	5,23,540	Non-functional for want of net meter & inspection by Electrical Inspectorate
Total		164.00	67,77,930	14,04,888	81,82,818	

(Source: Data furnished by Directorate)

Appendix – 4.4

Excess payment to contractors due to non-recovery of cost-index on the cost of bitumen reimbursed at market rate

(Reference : Paragraph 4.4 – Page : 78)

Sl. No	Name of Work, Agreement No. & Contractor	Division	Tender variation	Technical Sanction Authority	Type of bitumen	Rate of bitumen (including cost index) provided in the Estimate (for 1MT) (₹)	Rate of bitumen recovered from the work bills (for 1MT) (₹)	Balance to be recovered (₹)	Quantity of bitumen used (in MT)	Excess payment (₹)	Total (₹)	Excess payment after reckoning tender variation (₹)
1	2	3	4	5	6	7	8	9=(7-8)	10	11=(9 x10)	12	13={12 ± (12x4)}
1	Improvement to twelve roads leading to Games village and Karyavattom Stadium (108/SESC/2014-15 dt.12.01. 2015 Sreedhanya Construction Company	Thiruvananthapuram	10% above	Chief Engineer (R&B)	VG 10 VG 30 Emulsion Total	72,282 75,349 55,769	50,600 52,747 39,040	21,682 22,602 16,729	493.315 475.19 81.216	1,06,96,056 1,07,40,244 13,58,662		
2	Improvements to Thiruvallam Junction-Pachalloor-Vazhamuttom road ch 0/000-04/050 and Pachalloor-Poonkulam road from ch 0/000 to 2/200- Poonkulam Junction to Agricultural college Vellayani road from ch 0/000 to 01/200 and Agricultural college internal road upto Stadium at Vellayani (88/SESC/2014-15 dt.26.11.2014), Kerala State Construction Corporation Ltd	-do-	0.05 % below	-do-	VG 10 VG 30 Emulsion Total	71,852 71,852 55,437	50,600 52,747 39,040	21,252 19,105 16,397	144.104 230.73 21.668	30,62,498 44,08,097 3,55,290	78,25,885	78,21,972

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Sl. No	Name of Work, Agreement No. & Contractor	Division	Tender variation	Technical Sanction Authority	Type of bitumen	Rate of bitumen (including cost index) provided in the Estimate (for IMT) (₹)	Rate of bitumen recovered from the work bills (for IMT) (₹)	Balance to be recovered (₹)	Quantity of bitumen used (in MT)	Excess payment (₹)	Total (₹)	Excess payment after reckoning tender variation (₹)
1	2	3	4	5	6	7	8	9=(7-8)	10	11=(9 x10)	12	13={12 + (12x4)}
3	Maintenance of Fly-over including repairs of hand rail and Maintenance of Ring road from CSN Stadium Squash Court (91/SESC/2014-15 dated 27.11.2014), A.Thajudeen, Thoppil Constructions	-do-	7 % below	-do-	VG 10 VG 30 Emulsion Total	72,282 75,349 55,769	50,600 52,747 39,040	21,682 22,602 16,729	36.19 31.727 3.999	7,84,672 7,17,094 66,899	15,68,665	14,58,858
4	Improvements to Jawahar Balabhavan Junction- Swimming Pool and Vellayambalam road from ch 0/000 to 0/675 and Manaveeyam road from 0/000 to 0/325 (92/SESC/2014-15dated 27.11.2014), A Thajudeen, Thoppil Constructions	-do-	3.3% below	-do-	VG 10 VG 30 Emulsion Total	57,132 56,580 41,400	50,600 52,747 39,040	6,532 3,833 2,360	40.802 33.628 6.216	2,66,519 1,28,896 14,670	4,10,085	3,96,552
5	Improvements to the approach road to Shooting range in the CPT ground Vattiyoor kavu providing BM and BC to the leading road Sasthamangalam, Maruthankuzhy Vattiyoor kavu CPT road (86/SESC/2014-15 dated 22.11.2014), Revive Construction Company (India) Private Ltd	-do-	6.11% below	Superintending Engineer R&B South Circle	VG 10 VG 30 Emulsion Total	62,100 60,000 45,000	50,600 52,747 39,040	11,500 7,253 5,960	44.697 41.363 4.682	5,14,016 3,00,006 27,905	8,41,927	7,90,485

Sl. No	Name of Work, Agreement No. & Contractor	Division	Tender variation	Technical Sanction Authority	Type of bitumen	Rate of bitumen (including cost index) provided in the Estimate (for 1MT) (₹)	Rate of bitumen recovered from the work bills (for 1MT) (₹)	Balance to be recovered (₹)	Quantity of bitumen used (in MT)	Excess payment (₹)	Total (₹)	Excess payment after reckoning tender variation (₹)
1	2	3	4	5	6	7	8	9=(7-8)	10	11=(9 x10)	12	13={12 + (12x4)}
6	Improvements to the approach road to Shooting range in the CPT ground Vattiyoorkavu urgent maintenance to the balance portion to the leading road Sasthamangalam Maruthankuzhy Vattiyoorkavu CPT ch 0/000 to 2/500. (118/SESC/2014-15 dated 26.02.2015), AR Nasarudeen, Revive Construction Company (India) Private Ltd	-do-	Estimate rate	-do-	VG 10 VG 30 Emulsion Total	62,100 61,500 45,000	50,600 50,600 45,000	11,500 10,900 0	22.28 38.006 3.271	2,56,220 4,14,265 0	6,70,485	6,70,485
7	Improvements to Koppam-Plakeezhu road to swimming pool – Pirappancode. (93/SESC/2014-15 dated 27.11.2014), A Thajudeen, Thoppil Constructions	-do-	3.3% below	-do-	VG 30 Total	60,000	50,600	9,400	18.644	1,75,254	1,75,254	1,69,471
8	Improvements to Poomthoppu Vembanad Kayal road (87/SESC/2014-15 dated 26.11.2014) N Kalesan	Alappuzha	2.33% below	-do-	VG 30 Emulsion Total	55,200 41,400	40,000 0	15,200 41,400	8.603 2.36584	1,30,766 97,946	2,28,712	2,23,383
9	Improvements to Charamparambu Kshethram Kayaltheeram road (90/SESC/2014-15 dated 27.11.2014), Sebastian J Pooney	-do-	0.77 % below	-do-	VG 30 Emulsion Total	55,200 41,400	48,400 36,300	6,800 5,100	9.501 2.648	64,607 13,505	78,112	77,511
	Total										3,45,94,087	3,66,83,175

Appendix – 4.5

Details of extra expenditure due to allowing of additional five per cent Overhead charges in estimate data

(Reference : Paragraph 4.5 – Page : 80)

Sl No	Name of Work and details of Technical Sanction	Agreed Probable Amount of Contract (₹ in lakh)	Extra commitment due to inclusion of additional five per cent OH charges (₹ in lakh)	Upto date expenditure (₹ in lakh)	Extra expenditure due to inclusion of additional five per cent OH charges (₹ in lakh)
1	Widening Carriage way and providing BM & BC to Tirur-Kadalundy Road Km 18/000 to 27/000 (TS No.CC/GM(E)/CLT-501/013/7885(A) dated 15.02.2013 for ₹ 7,57,45,000)	713.01	33.95	373.91	17.60
2	Widening Carriage way and Providing BM & BC surfacing to Tanalur-Puthenathanni Road Km 0/000 to 13/000 (TS No.CC/GM(E)/CLT-501/013/7883(A) dated 15.02.2013 for ₹ 10,22,56,000)	965.55	45.98	606.10	28.34
3	Improvements of various junction to Chamravattom-Tirur-Kadalundy Road-Improvements of Parappanangady-ROB Junction in Tirur-Kadalundy Road Part I (TS No.CC/GM(E)/TCR-516/013/95(A) dated 22.04.2013 for ₹ 40,20,000)	38.62	1.84	38.62	1.81
4	Widening and providing BM & BC surfacing to Tirur-Chamravattom Road Km 3/200 to 11/500 (TS No.CC/GM/W-474/012/7762(A) dated 07.01.2013 for ₹ 6,05,96,000)	605.18	23.36	605.18	23.40
5	Improvements to Nariparambu-Pothannur-Perumparambu-Edappal Road by providing BM & BC from km 0/000 to km 6/950 (TS No.CC/GM/W-474/012/7760(A) dated 07.01.2013 for ₹ 4,12,21,000)	411.68	16.67	402.62	15.11
	Total		121.80		86.26