



# Proceedings of the State Environment Impact Assessment Authority Kerala

Present: Prof. (Dr.) K.P. Joy, Chairman, Dr. J. Subhashini, Member and Sri. P. Mara Pandiyan I.A.S Member Secretary.

Sub: Environmental clearance for the building stone quarry project in Sy.No. 328/2-1, 2-2, 3,6, 326/1-2,1-1,2, 325/2,4,5, 301/34,37 at Chadayamangalam village, Kottarakkara (Taluk), Kollam district, Kerala by Sri. Shaji. S- E.C Granted- Oders issued

## State Environment Impact Assessment Authority, Kerala

No. 752/SEIAA/KL/301/2015

Dated: Thiruvananthapuram 01-06-2016

Ref:

- 1.Application dated 24/01/2015 from Sri. Shaji.S,Thekkuvilamelathil, Kudavattoor (P.O), Kottarakkara (Taluk), Kollam
- 2. Minutes of the 48<sup>th</sup> meeting of SEAC held on 29/30-9-2015.
- 3. Minutes of the 53<sup>rd</sup> meeting of SEAC held on 6<sup>th</sup>-7th April, 2016,
- 4. Minutes of the 52 <sup>nd</sup> meeting of SEIAA held on29-4-2016.

## ENVIRONMENTAL CLEARANCE NO. 83 /2016

Sri. Shaji. S, Thekkuvilamelathil, Kudavattoor (P.O), Kottarakkara (Taluk), Kollam vide his application dated 24/01/2015, has sought Environmental Clearance under EIA Notification, 2006 for the granite building stone open cast quarry is proposed by Shah Quarry in Sy. No. 328/2-1, 2-2, 3,6, 326/1-2,1-1,2, 325/2,4,5, 301/34,37 at Chadayamangalam village, Kottarakkara (Taluk), Kollam district, Kerala for an area of 3.43.10 ha. The project comes under Category B, Activity 1(a), (i) as per the Schedule of EIA Notification 2006 (since it is below 50 hectares) and as per O.M. No. L-11011/47/2011-IA.II(M) dated 18th May 2012 of Ministry of Environment and Forests. It is further categorized as Category B2 as per the O.M. No. J-13012/12/2013-IA-II (I) dt. 24.12.2013 of Ministry of Environment and Forests, since the area of the project is below 25 hectares.

### **BASIC INFORMATION OF THE PROJECT**

Name of project		Building stone quarry, Chadayamangalam			
Category/Subcategory &		B-2 category (<25 hectares minor mineral)			
Sc.	hedule				
Location Sy no/ district,  Taluk/ village etc.		Sy.No : 328/2-1Pt, 328/2-2Pt, 328/3,326/1-1,			
		326/1-2,326/2Pt, 325/2,325/4,325/5.			
		Village: Chadayamangalam Taluk: Kottarakkara District: Kollam.			
		Latitude (N)	08°51'17.6" To 08°51'31.2"		
GPS co-ordinates		Longitude (E	76°52'43.1" To 76°52'54.1"		
	Extent of area (in hectares)	3.43.10 ha			
	Minimum and maximum height of	115 MSL maxim	um level, 85 MSL minimum level, Avg Depth 30mtr.		
ojects	excavation (MSL)  Life of mine proposed	14 Years			
r Mining projects	Ultimate depth of mining (in MSL)	85 MSL (Avg 30 mtr Depth from OGL)			
	Distance from the adjacent quarry	Nil, Away from	500 mtr		
	Capacity of production	75,000 Tonnes Per Annum			
	Details of project cost	Rs 75 Lakhs			
CRZ recommendations Forest cleurances		Not Applicable			
Does it attract violation proceedings		Nil			
En	vt Mgmt plan/Eco				
restoration plan (brief details)		Air pollution	MANAGEMENT PLAN:  Quarry operation will produce dust and will pollute the air		
			Dust will be arrested at the dust arising places itself with frequent water sprinkling.		

·	Water pollution	There will be no change in the existing drainage system due to the proposed quarrying activities. No change in the existing status is envisaged Necessary control measures like chlorination etc in the well will be made.			
	Noise	To keep the noise level under control within the limits, proper maintenance of these machines will be done.			
	Solid Waste Management	Total quantity of Top soil 55,805 Tonne & quantity of Overburden 54,529 Tonns will be handled during the life of the mine.			
		Top soil will be used for plantation and the waste rock will be used for refilling, leveling of roads. It will be temporarily dumped in Southern side of the Lease Area			
	Eco restoration	To maintain Eco restoration, periodical afforestation and maintenance of the plantation will be made, rain harvesting and dust controlling will be done. Mining will be carried by Eco-friendly method.			
	ABOUT TH	E PROJECT			
WATER					
Water requirement &	1.00 KLD domestic 4.00 KLD Dust control Plantation.				
sources	5.00 KLD				
, <u> </u>	Source: dug well and rain water collection  Rain water harvesting ponds proposed during post mining extending				
RWH units proposed		9.00 hector in the bottom level of mining Pit and			
Facilities for liquid waste	Liquid waste from toilet and office, will be treated in septic tank and				
treatment	soak pit	·			
Impoundment, damming,	-				
culverting, realignment or	Nil				
other changes to the	144	•			
hydrology of watercourses					
or aquifers?					
Water quality meeting	As per rules applical	ble			
requirements					
Does it have provisions for	Not applicable				
use of recycled water					
LAND					
Proximity to forest lands Nil, as stated by proponent					

Access road to the site -	Access Road is starting from Kadannur to Ayoor road at a distance					
	of 150 m. The access road is being maintained 7.0 width for the					
Width & Condition	movement of trucks.					
Storage of explosives	The company has obtained explosive licences for magazines.					
1	Explosives will be procured, stored, transported, handled and used in					
/hazardous substances	accordance with Indian Explosives Rules 2008, Mines Act 1952 and regulations there under.					
	Solid waste will be used for leveling paving of roads, owner's					
Facility for solid waste	construction works					
mgmt	Solid waste will be stored temporarily on the Western side over an					
	extent of 0.18.00 hectare in Applicant's Own Land.					
	Topographically the area is an undulating hill with slope towards south. The charnockite rocks are occurring in a massive from in the					
Topographic features/ slope	entire regional areas with a general strike of NE/SW					
	Length of the deposit: 295 mtr					
	Width of the deposit: 200 mtr					
Proneness of the area for	Nil					
landslides						
	AIR					
Air quality meeting	As per the rules applicable					
requirements						
Noise level meeting	As per rules applicable					
requirements.						
requirements.						
Tilledes enclosione a 66 action	Due to quarry activity and operation of transport vehicle, generation of					
Likely emissions affecting	dust, noise is likely to arise.					
environment	The mitigative measures proposed in EMP will be implemented.					
	ENERGY					
	Power supply is required for office, workshop, canteen, will be drawn					
Energy requirement	from KSEB .Quarry machines are by diesel operated. About 80 litres					
	of diesel is required per day.					
Energy sources	KSEB					
Extent of usage of	Generator					
alternative energy resources						
	BIODIVERSITY					
Presence of any endangered	There are no endangered or rare species in the area.					
, ,	and the summidence of the observe in the man.					
species or red listed						
category						
Loss of native species and	There will not be any loss of native species of genetic diversity by the					
genetic diversity	quarry operation .The company will maintain eco restoration program					
Barretta est, estately	in the surrounding area.					
Likely displacement of	Nil, as stated as proponent					
fauna						

Any introduction of alien / invasive species	Nil, as stated as proponent				
SOCIAL ASPECTS					
Proximity to nearest habitation	102 m from Lease Boundary (house)				
CSR related to the project/ allocation/ time frame (details mandatory)	Common facilities and social activities will be sponsored				
	GENERAL				
Biomedical waste	Not applicable				
management					
E-waste management	Not applicable				
Sufficiency of parking	Sufficient				
spaces/ traffic management					
Litigation/court cases, if	Nil, as reported				
any, against the project	·				
(provide details)					
Right & nature of ownership of land	Company owned Patta Land				
Is the property forest land/govt. land/own land	Company owned Patta Land				
Details of Authorised Signatory	Shri. Shaji.S – (Managing Partner), Shah Quarry, Thekkuvila melathil, Kadavattor (P.o), Kottarakkara Taluk, Kollam District- 691 512 Phone No: 9447556432 Email : shaji6460@gmail.com				

- 2. The proposal was considered in the 48<sup>th</sup> meeting of the SEAC held on 6<sup>th</sup> and 7<sup>th</sup> November, 2015. In the said meeting, it was decided to defer the proposal for filed inspection and submission of following documents:
- 1. Detailed route map should be provided
- 2. Biodiversity details of the area with IUCN status of each of the species
- 3. The original cadastral map certified by village officer

4. A more realistic need based CSR proposal.

The proponent has accordingly submitted the details/above said documents sought by the SEAC. The site inspection was completed on 13.01.2016 by the subcommittee comprised of Dr. K. Harikrishnan and Sri. John Mathai. The Proponent with his representatives were present at the site at the time of site visit.

"The project is an active quarry located near Kuriyode on the MC road. This quarry lease area of 4.6725 ha falling partly in own land and partly in goverment land occupy the elevated part of a gently Boundary pillars are erected and numbered undulating area. displaying GPS values. The rock type is a mixture of gneiss and charnockite. The removed OB from the existing quarry is stocked at convenient places based on the place of excavation. RWH structures are not seen. A seasonal stream is seen by the side of the quarry land with both flanks owned by the proponent. Rubber is the dominant landuse. Floral and fuanal biodiversity is not observed as the area is cleared for rubber. Dwelling units are seen in the immediate vicinity but beyond 100 m. Two buildings within 100 m are used as office and other facilities for workers. The documents regarding NOC for Govt land has notbeen verified.

Based on an overall evaluation of the site, the quarry operations may be recommended with following conditions:

- 1. Fencing should be provided all around the lease area.
- 2. Top soil and Over burden should be stored in a designated place on the lower slope away from the working area and provided with protective support walls.
- 3. Ultimate depth of mine must be limited to the stream bed level seen in the vicinity.
- 4. The seasonal stream should be provided with protective embankments to prevent entry of quarry waste. It should also be provided with low level check dams at least at two places to arrest silt being washed downstream. Periodic desiltation is essential.
- 5. The approach road is narrow and presently not maintained for movement of heavy vehicles. This should be taken up on priority basis.
- 6. The CSR activity needs revision",
- 3. The proposal was placed before 53<sup>rd</sup> SEAC for appraisal. The Committee further appraised the proposal in the light of the field inspection report. It was found that there is a case of violation. It was decided to recommend for issuance of EC after completing action against violation subject to the following specific conditions in addition to general conditions applicable for mining proposals.
  - 1. Fencing should be provided all around the lease area.
  - 2. Top soil and Over burden should be stored in a designated place on the lower slope away from the working area and provided with protective support walls.
  - 3. Ultimate depth of mine must be limited to the stream bed level seen in the vicinity.
  - 4. The seasonal stream should be provided with protective embankments to prevent

- entry of quarry waste. It should also be provided with low level check dams at least at two places to arrest silt being washed downstream. Periodic desiltation is essential.
- 5. The approach road is narrow and presently not maintained for movement of heavy vehicles. This should be taken up on priority basis.
  - CSR activity must be submitted before the Authority.

Authority decided to accept the recommendations of SEAC in para 3 except that on violation proceedings and to grant E.C subject to production of revised CSR undertakings, and the above specific conditions in addition to the general conditions.

- 5. State Environmental Impact Assessment Authority Kerala hereby grant environmental clearance to the proposed quarry project by Sri. Shaji. S, Thekkuvilamelathil, Kudavattoor (P.O), Kottarakkara (Taluk), Kollam Sy. No. 328/2-1, 2-2, 3,6, 326/1-2,1-1,2, 325/2,4,5, 301/34,37 at Chadayamangalam village, Kottarakkara (Taluk), Kollam district, Kerala for an area of 3.43.10 ha subject to the specific conditions given in para 3 above and the general conditions in the appendix.
- 6. The clearance issued will also be subject to full and effective implementation of all the undertakings given in the application form, mitigation measures in the Environment Management Plan in Chapter 2 of the Pre-Feasibility Report and the mining features including progressive mine closure plan as submitted with the application and relied on for grant of this clearance. The above undertakings and the conditions and undertakings in Chapter 4 (Mining), Chapter 5 (Blasting) Chapter 6 (Mine Drainage), Chapter 7 (other permanent structures), Chapter 9 (Environment Management plan), Chapter 10 (Progressive Mine Closure Plan) of the Mining Plan as submitted will be deemed to be part of this proceedings as conditions as undertaken by the proponent, as if incorporated herein.

As regards the recommendation for violation proceedings, it is a working quarry with lease/permit, the decision of the Hon. Supreme Court in S.L.P.No. 30103/15 (to maintain status 60) will apply, E.C was made applicable to mining of minerals in areas less than 5 ha, only in pursuance of the order dated 27.2.2012 of the Hon. Supreme Court case in Deepak Kumar VS state of Haryana. The extent in this being less than 5 ha violation proceedings based on working with out EC can be initiated.

- 7. Validity of the environmental clearance will be five years from the date of this clearance, subject to earlier review in the event of genuine complaint from anybody from the safety area or violation or non- compliance of any of the conditions stipulated herein.
- 8. Compliance of the conditions herein will be monitored by the Authority or its agencies and also by the regional office of the Ministry of Environment & Forests, Govt. of India, Bangalore.
  - i) Necessary assistance for entry and inspection should be provided by the project proponent and those who are engaged or entrusted by him to the staff for inspection or monitoring.

- ii) Instances of violation if any shall be reported to the District Collector, Kollam to take legal action under the Environment (Protection) Act, 1986.
- iii) The given address for correspondence with the authorized signatory of the project Sri. Shaji. S, Thekkuvilamelathil, Kudavattoor (P.O), Kottarakkara (Taluk), Kollam

P. Mara Pandiyan, I.A.S Member Secretary (SEIAA)

Additional Chief Secretary to Government Environment & Forest Department Government of Kerala.

To

Sri. Shaji. S, Thekkuvilamelathil, Kudavattoor (P.O), Kottarakkara (Taluk), Kollam

Copy to,

- 1. MoEF Regional Office, Southern Zone, Kendriya Sadan, 4<sup>th</sup> Floor, E&F Wing, II Block, Koramangala, Bangalore-560034.
- 2. The Additional Chief Secretary to Government, Environment Department, Government of Kerala.
- 3. Director, Mining & Geology, Thiruvananthapuram -4.
- 4. District Collector, Kollam
- 5. Secretary, Chadayamangalom Grama Panchayath Kottarakkara P.O., Kollam
- 6. Chairman, SEIAA.
- 7. Website.
- 8. S/f
- 9. O/c

Forwarded/ By Order

Administrator,

**SEIAA** 

#### STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY KERALA

#### GENERAL CONDITIONS (for mining projects)

- 1. Rain Water Harvesting facility should be installed as per the prevailing provisions of KMBR / KPBR, unless otherwise specified.
- 2. Environment Monitoring Cell as agreed under the affidavit filed by the proponent should be formed and made functional.
- 3. Suitable avenue trees should be planted along either side of the tarred road and open parking areas, if any, including of approach road and internal roads.
- 4. Maximum possible solar energy generation and utilization shall be ensured as an essential part of the project.
- 5. Sprinklers shall be installed and used in the project site to contain dust emissions.
- 6. Eco-restoration including the mine closure plan shall be done at the own cost of the project proponent.
- 7. At least 10 percent out of the total excavated pit area should be retained as water storage areas and the remaining area should be reclaimed with stacked dumping and overburden and planted with indigenous plant species that are eco-friendly, if no other specific condition on reclamation of pit is stipulated in the E.C.
- 8. Corporate Social Responsibility (CSR) agreed upon by the proponent should be implemented
- 9. The lease area shall be fenced off with barbed wires to a minimum height of 4ft around, before starting of mining. All the boundary indicators (boards, stores, markings, etc) shall be protected at all times and shall be conspicuous.
- Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged as per stipulations of Explosive Department.
- 11. Control measures on noise and vibration prescribed by KSPCB should be implemented.
- 12. Quarrying activities should be limited to day time as per KSPCB guidelines/specific conditions.
- 13. Blasting should be done in a controlled manner as specified by the regulations of Explosives Department or any other concerned agency.
- 14. A licensed person should supervise/ control the blasting operations.
- 15. Access roads to the quarry shall be tarred to contain dust emissions that may arise during transportation of materials.
- Overburden materials should be managed within the site and used for reclamation of mine pit as per mine closure plan / specific conditions.
- 17. Height of benches should not exceed 5 m, and width should not be less than 5 m, if there is no mention is the mining plan/specific condition.
- 18. Mats to reduce fly rock blast to a maximum of 10 PPV should be provided.
- 19. Maximum depth of mining from general ground level at site shall not exceed 10m
- 20. No mining operations should be carried out at places having a slope greater than 45°.
- 21. Acoustic enclosures should have been provided to reduce sound amplifications in addition to the provisions of green belt and hollow brick envelop for crushers so that the noise level is kept within prescribed standards given by CPCB/KSPCB.
- 22. The workers on the site should be provided with the required protective equipment such as ear muffs, helmet, etc.
- 23. Garland drains with clarifiers to be provided in the lower slopes around the core area to channelize storm water.
- 24. The transportation of minerals should be done in covered trucks to contain dust emissions.
- 25. The proponent should plant trees at least 5 times of the loss that has been occurred while clearing the land for the project.
- 26. Disposal of spent oil from diesel engines should be as specified under relevant Rules/Regulations.
- 27. Explosives should be stored in magazines in isolated place specified and approved by the Explosives Department.
- A minimum buffer distance of 100m from the boundary of the quarry to the nearest dwelling unit or other structures, not being any facility for mining shall be provided.
- 29. 100 m buffer distance should be maintained from forest boundaries.

- 30. Consent from Kerala State Pollution Control Board under Water and Air Act(s) should be obtained before initiating mining activity.
- 31. All other statutory clearances should be obtained, as applicable, by project proponents from the respective competent authorities including that for blasting and storage of explosives.
- 32. In the case of any change(s) in the scope of the project, extent quantity, process of mining technology involved or in any way affecting the environmental parameters/impacts as assessed, based on which only the E.C is issued, the project would require a fresh appraisal by this Authority, for which the proponent shall apply and get the approval of this Authority.
- 33. The Authority reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
- 34. The stipulations by Statutory Authorities under different Acts and Notifications should be complied with, including the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and control of Pollution) act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.
- 35. The project proponent should advertise in at least two local newspapers widely circulated in the region, one of which (both the advertisement and the newspaper) shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the State Environment Impact Assessment Authority (SEIAA) office and may also be seen on the website of the Authority at www.seiaakerala.org. The advertisement should be made within 10 days from the date of receipt of the Clearance letter and a copy of the same signed in all pages should be forwarded to the office of this Authority as confirmation.
- 36. A copy of the clearance letter shall be sent by the proponent to concerned Grama Panchayat/ District Panchayat/ Municipality/Corporation/Urban Local Body and also to the Local NGO, if any, from whom suggestions / representations, if any, were received while processing the proposal. The Environmental Clearance shall also be put on the website of the company by the proponent.
- 37. The proponent shall submit half yearly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) and upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the respective Regional Office of MoEF, Govt. of India and also to the State Environment Impact Assessment Authority (SEIAA) office.
- 38. The details of Environmental Clearance should be prominently displayed in a metallic board of 3 ft x 3 ft with green background and yellow letters of Times New Roman font of size of not less than 40. Sign board with extent of lease area and boundaries shall be depicted at the entrance of the quarry, visible to the public
- 39. The proponent should provide notarized affidavit (indicating the number and date of Environmental Clearance proceedings) that all the conditions stipulated in the EC shall be scrupulously followed.
- 40. No change in mining technology and scope of working should be made without prior approval of the SEIAA, No further expansion or modifications in the mine shall be carried out without prior approval of the SEIAA, as applicable.
- 41. The Project proponent shall ensure that no natural water course and/or water resources shall be obstructed due to any mining operations. Necessary safeguard measures to protect the first order streams, if any, originating from the mine lease shall be taken.
- 42. Monitoring of Ambient Air Quality to be carried out based on the Notification 2009, as amended from time to time by the Central Pollution Control Board. Water sprinkling should be increased at places loading and unloading points & transfer point to reduce fugitive emissions.
- 43. The top soil, if any, shall temporarily be stored at earmarked site(s) only for the topsoil shall be used for land reclamation and plantation. The over burden (OB) generated during the mining operations shall be stacked at earmarked dump site(s) only. The maximum height of the dumps shall not exceed 8m and width 20m and overall slope of the dumps shall be maintained to 45°. The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off. In critical areas, use of geo textiles shall be undertaken for stabilization of the dump. The entire excavated area shall be backfilled. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining.
- 44. Catch drains and siltation ponds of appropriate size shall be constructed around the mine

working, mineral and OB dumps to prevent run off of water and flow of sediments directly into the river and other water bodies. The water so collected should be utilized for watering the mine area, roads, green belt development etc. The drains shall be regularly desilted particularly after monsoon and maintained properly.

- 45. Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of PM<sub>10</sub> and PM<sub>2.5</sub> such as haul Road, loading and unloading points and transfer points it shall be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
- 46. Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.
- 47. Measures should be taken for control of noise levels below 85 dBA in the work environment.
- 48. A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 49. The funds earmarked for environmental protection measures and CSR activate should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the State Environment Impact Assessment Authority (SEIAA) office.
- 50. The Regional Office of MOEF & CC located at Bangalore shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (S) of the Regional Office by furnishing the requisite data/information/monitoring reports.
- 51. Any appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
- 52. Concealing the factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- 53. The SEIAA may revoke or suspend the order, for non implementation of any of the specific or this implementation of any of the above conditions is not satisfactory. The SEIAA reserves the right to alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
- 54. The above conditions shall prevail not withstanding anything to the contrary, in consistent, or simplified, contained in any other permit, license on consent given by any other authority for the same project.
- 55. This order is valid for a period of 5 years or the expiry date of mine lease period issued by the Government of Kerala, whichever is earlier.
- 56. The Environmental Clearance will be subject to the final order of the courts in any pending litigation related to the land or project, in any court of law.
- 57. The mining operation shall be restricted to above ground water table and it should not intersect ground water table.
- 58. All vehicles used for transportation and within the mines shall have 'PUC' certificate from authorized pollution taking centre. Washing of all vehicles shall be inside the lease area'
- 59. Project proponent should obtain necessary prior permission of the competent authorities for drawal of requisite quantity of surface water and ground water for the project.
- 60. Regular monitoring of flow rates and water quality up stream and down stream of the springs and perennial nallahs flowing in and around the mine lease area shall be carried out and reported in the six monthly reports to SEIAA.
- Occupational health surveillance program of the workers should be under taken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.



Member Secretary, SEIAA Kerala

EC dated 01-06-2016 received by

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