HALF YEARLY COMPLIANCE REPORT

FOR

OCTOBER 2019 - MARCH 2020

IN RESPECT OF

BUILDING STONE QUARRY

Extent: 4.3049 ha & Capacity: 59510 Cum/Annum

OF

Mr. Shiju Thomas,

AT

294/1 pt, 294/2 pt, 295/5, 295/6 pt, 296/2 pt & 356/1-1 pt, Block no-32 of Alakodu Village, Thodupuzha Taluk, Idukki, Kerala State – 685 588.

JUNE 2020

9562176537

Proceedings of the District Environmennt Impact Assessment

Authority Idukki District

[Present Sri. G.R Gokul I.A.S(chairman),

Sri. P.G Radhakrishnan (member secretary),

Sri.Narendra babu I.F.S(member), Dr .George Abe(member)]

Subject :Environmental clearance for the building stone quarry project in Survey No's 294/1 pt, 294/2 pt, 295/5, 295/6 pt, 296/2 pt and 356/1-1 pt in Alakodu Village, Thodupuzha Taluk, Idukki District by Sri. Shiju Thomas, Pallivathukkal House, Chilavu P.O.,idukki(dist)-EC granted orders issued.

District Environment Impact Assessment Authority, Idukki

no:1/2016/deiaa/idk/ker

Dtd:20/04/2017

Ref (1): Application from sri. Shiju Thomas ,Pallivathukkal(h),chilavu p.o,

Thodupuzha

(2): Minutes of district level environment appraisal committee dtd 03.02.2017

(3):Site inspection report of sub committee of DEAC submitted by

senior geologist, Department of mining and geology, Idukki

(4): Minutes of first meeting of DEIAA dtd 30.03.17

(5):Ltr no;doi/250/m/16 dtd 12/04/2017 of District Geologist, Mining and Geology Idukki

Sri. Shiju Thomas, Pallivathukkal House, Chilavu P.O, Thodupuzha vide his application submitted through web site has sought Environmental Clearance under EIA notification, 2006 for the building stone quarry project in Survey Nos 294/1 pt, 294/2 pt, 295/5, 295/6 pt, 296/2 pt, 356/1-1 pt in Block 32 of Alakodu Village, Thodupuzha Taluk, Idukki Dist. for an area of 4.3049 hectares. The project falls under the category B2 as per the EIA notification No. S.O 1533 (t) dated. 14.09.2006 of MOEF & CC, other details of the project are as follows:-

1.About the project

Name of Project :- Building stone Quarry of Mr. Shiju Thomas, Pallivathukkal House, Chilavu P.O.

Brief description of the Project :- The proposed rough stone quarry project is spread over an area of 4.3049 hectare, the proposed production is of 59510 m3 per annum and the span of the quarry is 5 years. The quarry operation is proposed up to 109 meter above MSL and to carry out with semi mechanized opencast mining with 5.0 meter vertical benches with a back width of 5.0 meter. Quarry operation is to carry out by splitting of rock mass from the permit rock area by jackhammer drilling and blasting. Hydraulic excavators are to use for loading the stone from pit head and tippers will be used for transportation of stones. Hydraulic excavators are intended to be attached with rock breakers for breaking of large boulders to avoid secondary blasting.

Category/sub category & schedule	B2 (Mining of mineral)		
Topography	Hilly Terrain		
GPS Co-ordinates	Latitude (N)- 09° 51 ¹ 40.90" N to 09° 51 ¹ 50.08" N		
	Latitude (E)- 76° 45 ¹ 40.88" E to 76° 45 ¹ 45.26" E		
Extent of area	4.3049 Hectare		
Span of mine proposed	5 years		
Depth of mining	52m		
Distance from the adjacent quarry	There are no adjacent quarries within 500 meters from the mine lease area.		
Capacity of production	59510 m³/annum		
Details of Project cost	56,20,000 (Rupees Fifty Six Lakhs Twenty Thousand Only)		

Water requirement & resources:- Details of water requirements in KLD(Kilo litre per day) as given below:

Domestic and drinking purpose	2.0 KLD
Dust suppression	12.0"
Green Belt	3.0"
Total	17.0 KLD

Drinking water is sourced from the open well which will be purified in a small reverse osmosis plant.. For dust suppression and green belt, water is obtained from the open wells/storm water reservoir of proposed site.

Recycled water :- The storm water / mine water will be used for dust suppression and green belt developments.

Liquid effluent : Domestic effluent sent to septic tanks followed by soak pit.

Land:-Access of road to the site : The district road connecting Thodupuzha and Anakayam Via Enchiyani is at a distance of 0.5 km from to project site.

Facility for solid waste	The waste generated during the mining period
management	is 16921m3 will be proposed dumping to south
	side of the lease area and along the lease
	boundary
Topographic features	The area applied for quarry site is almost a hilly terrain with the highest elevation of 109 meter to a lowest elevation of 89 meter above MSL
proneness of the area for land	Semi mechanized open cast mining with benches
slides	will be carried out .ultimate slope of the mine will be maintained at 45 degree. Since the granite is
	hard rock formation ,land slides are not envisaged. The area falls in seismic zone-3 and is moderate damage risk zone.

Air:-

Air quality requirements	Air quality to meet requirements as per rules	
Noise level meeting requirement	Noise level to be within limits as per rules	
Likely emission affecting environment	Emission of dust, SO ₂ ,Nitrous Oxide during drilling ,blasting , loading and transport activities. Noises will be generated by the mining machineries.	

Biodiversity:-		
Presence of any endangered species or red listed category	None	
Loss of native species and generic diversity	Not envisaged ,except small bushes, Arecanut , Rubber,Cocoa and other plants. No major vegetation cover/valuable flora is found within the mining area.	

Social aspects:-

Proximity to nearest habitation

:Nearest house is at 104 meter away

SL.no	Description of item	Amount proposed(in rupees)
1	Distribution of books to Enchiyani Govt.L.P school students	250000
2	Repairing of Thodupuzha- Anakkayam road	250000
3	Sanitary facility for Enchiyani Govt.L.P school(toilets,drinking water facility)	300000
4	Organizing Health camps	200000
5	Total	10,00,000

.....

General

Ocheran	
Does it propose environment management plan	EMP is submitted along with form 1M
Biomedical waste management	There is no biological waste generation in the building stone quarry
E-waste management	There is no E-waste generation in the building stone quarry
Sufficiency of parking spaces/ Traffic management	Enough space is available
Litigation/court case if any against the project	Non as of now
Details of authorized signatory	Mr.Shiju Thomas,pallivathukkal(house) Chilavu p.o,Thodupuzha.Idukki (dist) Pin:685588; mobile no:9447522690
Details NABL approved laboratory	ABC techno labs India pvt ltd. No:950/3,3rd cross street ,sector 2,south face Ambattoor industrial estate,Chennai. Phone:044-26257788.certificate no.T.1586 DTD 08/10/15 valid up 07/10/2017

2. On submission of approved mining plan as per KMMC rule 2015,the proposal was placed in the first meeting of DEAC. Further to intimation of DEAC, the proponent along with the consultant attended the meeting. The DEAC decided to defer the item for field inspection and constituted a sub committee for the same. The sub committee inspected site on 25/01/2017 and put forward some conditions.

3. The conditions are as follows.

- The boundary pillars should be numbered and fixed in the lease area as per the approved mining plan
- Fencing with barbed wires should be provided all along the boundary of the lease area except the part needed for vehicular traffic.
- The boundary between the govt surplus land in survey no.356 on the southeastern side of the lease area and the applied lease area must be clearly demarcated.
- There should not be any further quarrying in the already quarried pit as the depth of pit has already reached more than 20 meters at present. The quarried pit should be retained as a rain water storing site.
- There should not be any further quarrying in the buffer zone area on the eastern side of the lease area where already quarrying was carried out as per the earlier permits
- A greenbelt should be maintained all around the quarry by planting trees.
- The ultimate depth of the quarry must be limited to 20 meter, from ground level as per the mining plan.
- There should be some rain harvesting structure at the north-eastern valley
 part of the quarry lease area
- The water draining from the quarry to the out side area must be after clearing the sediments and impurities by passing through one or two settling tanks
- Dust suppression mechanisms using sprinklers must be established in the quarry.
- The approach road to the quarry must be tarred using metal.
- It is instructed to only remove topsoil up to a maximum depth of 2 meter while quarrying.

4. In the 2nd meeting of DEIAA held on 30/03/2017, the committee after studying the case in detail accepted the 13 conditions raised by the DEAC. The committee also decided to collect the mining history of the proponent and authorized member secretary to collect it from district geologist. As decided by the Ist meeting of DEIAA, the documents of lands called for been submitted by the proponent and mining history of the proponent have been submitted by Senior Geologist, Mining and Geology Idukki District as reference (5). As per reference(5) it is found out that there are no charges were against the proponent for activities like illegal mining, mining outside the area and violation of lease permit to collect it from district geologist. The details of the ownership of the private land in which the project is proposed is as follows

Sy.no	Extent(hect) /T.p no	Name of owner	Document details/date	Prior document details 1	Prior document details 2	Old sy.no
294/1pt 356/1-1 pt	0.3150 T.P 32/589 0.0853 T.P 32/589	Shaji joseph cherthalackal Anchiry	557/14 DTD 12.02.14 561/14 DTD 12.04.14 876/15 DTD 26.03.15 1196/14 DTD 28.03.14 SRO KARIKODU	927/72 1255/61 sro karikodu 1664/62 sro Thodupuzha	1285/58 sro Thodupuzha	1026/1/7
294/2pt	1.4385 T.P 32/2046	John pathrose villanguparayil.Anchiri	2061/97 dtd 10.06.97 sro karikodu	3580/58 DTD 01.10.58 sro thodupuzha	922/52 sro Kanjirappally	1026/1

÷

295/5 295/6	1.0230 · TP 32/1047 0.7667 TP 32/1047	Selestian s/o mathew .plakkoottathil(h),anchir y		2129/77 sro karikodu		1026/1/7
296/2pt	1.4385 TP 32/3460	Roger mathew,Plakkuttathil.an chiry	899/05 dtd 28.02.05 sro karikodu	2476/89 2458/89 1201/98 sro karikodu	2952/85	

Examining the details of land it is understood that the proposed site is a private land which is not assigned under any assignment rule of kerala but it is pandarayaka land as per the basic tax register. Land owners and the proponent has executed an agreement to excavate the granite building stone for the period of 15 years from the above mentioned area. Also going through the documents submitted by proponent such as detailed mining plan, mine closure plan, environment management plan and pollution control methods the committee is satisfied by the methods suggested there to reduce the gravity of pollution and steps to mitigate the risk of environment hazard. In addition to the above facts the committee analyzed the fact of severe shortage of granite building stone in the said region and its impact on social-economic condition of public and development of the region.the District Level Impact Assessment Authority Idukki hereby grant environmental clearance to the proposed quarry project of sri.Shiju Thomas.pallivathukkal(h).chilavu in Thodupuzha taluk of Idukki district for an area of 4.3049 hectares subject to the condition specified in para 3

5. 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 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 undertaking and conditions regarding mining, blasting, pollution control and progressive mine closure plan of the mining plan submitted will be deemed to be part of this proceedings as condition as undertaken by the proponent, as if incorporated herein.

6.Validity of the environmental clearance will be five years from the date of this environmental clearance ,subject to the 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.

7.Complaints of the conditions herein will be monitored by DEIAA and higher authorities of ministry of environment and forest government of India.

(i) This E.C is one among the licenses to be obtained by proponent from mining. In order to start the mining activities and operations in the project the proponent must obtain the other licenses from the concerned authorities.

(ii) 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.

(iii) Instances of violation if any shall be reported to District collector,Idukki to take legal action under the environment protection act,1986.

P.G Radhakrishnan



Member secretary DEIAA,Idukki & Revenue divisional officer, Idukki

COMPLIANCE TO THE CONDITIONS STIPULATED IN THE ENVIRONMENTAL CLEARENCE ISSUED BY DISTRICT LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORUTY, IDUKKI

Vide

No. 1/2016/DEIAA/IDK/KER

Dated: 20/04/2017

Building Stone Quarry Project in Survey Nos. 294/1 pt, 294/2 pt, 295/5, 295/6 pt, 296/2 pt & 356/1-1 pt, Block no-32 at Alakodu Village, Thodupuzha Taluk, Idukki, Kerala State – 685 588 over an extent of 4.3049 Ha by Mr. Shiju Thomas, Pallivathukal House, Chilavu P.O, Thodupuzha, Idukki District – 685 588

Sr. No.	Specific Conditions	Compliance Status
INU.		
1.	Boundary pillars should be numbered and fixed in the lease area as per the approved mining plan.	Boundary pillars are fixed and numbered as per the approved mining plan.
		The photographs showing the boundary pillars are attached as Annexure 1.
2.	Fencing with barbed wires should be provided all along the boundary of the lease area except the part needed for vehicular traffic.	Fencing with barbed wires all along the lease boundary is being carried out.
		The photographs showing the barbed wire fencing is attached as Annexure 2
3.	The boundary between the Government surplus land in Survey number 356 on the south eastern side of the lease area and applied lease area must be clearly demarcated.	The boundary between Government surplus land in Sy. No. 356 on the south eastern side of the lease area and applied lease area has been clearly demarcated with fencing. Photographs attached as Annexure 3
4.	There should not be any further quarrying in the already quarried pit as the depth of the pit has already reached more than 20 meters at present. The quarried pit should be retained as rain water storing site.	Noted. The already excavated pit shall be retained as rain water storing site. Photograph attached as Annexure 4

		· · · · · · · · · · · ·
	There should not be any further quarrying in the	Noted. There shall be no further
5.	buffer zone area on the eastern side of the lease area	quarrying on the eastern side of the
	where already carried out as per earlier permits.	lease area.
	A greenbelt should be maintained all around the	Greenbelt is being established all
	quarry by planting trees.	around the quarry.
6.		Photographs showing the nursery for
		saplings for greenbelt development is
		attached as Annexure 5
1	The ultimate depth of the quarry must be	Noted and shall be followed as per
7.	limited to 20 meters, from the ground level as	-
	per the mining plan.	the mining plan.
	There should be some rainwater harvesting	Rainwater harvesting structure has
8.	structure at the north-eastern valley part of the	been developed on the north-eastern
0.	quarry lease area.	valley part.
		Photographs attached as Annexure 6
	The water draining from the quarry to the outside	Settling tanks for clarification of water
9.	area must be after clearing the sediments and	from the quarry area has been
).	impurities by passing through one or more settling	established as a part of rainwater
	tanks.	harvesting plan.
	Dust suppression mechanisms using sprinklers must	Sprinklers shall be established at the
	be established in the quarry.	quarry for dust suppression.
		At present dust suppression through
10.		water tankers are carried out.
		Photographs of the water tankers for
		dust suppression is attached as
		Annexure 7
11.	The approach road to the quarry must be tarred	The approach road to the quarry shall
11.	using metal.	be asphalted.
	It is instructed to only remove topsoil up to a	
12.	maximum depth of 2m while quarrying.	while quarrying. The same will be
		utilized for the greenbelt
1		development.

Sr. No.	General Conditions	Compliance Status
	Rain Water Harvesting facility should be installed as	RWH facility as per the required
1	per the prevailing provisions of KMBR/KPBR, unless	guidelines shall be implemented at
1.	otherwise specified.	the site.
		Refer Annexure 6
	Environmental Monitoring Cell as agreed under the	Environmental Monitoring Cell
	affidavit filed by the proponent should be formed and	headed by Quarry Manager along
	made functional.	with qualified Environmental
2.		Consultant / Engineers is being
		engaged for effective
		implementation of the pollution
		control measures.
	Suitable avenue trees should be planted along either	Avenue trees along the side of the
	side of the tarred road and open parking areas, if any,	road and open parking areas will
	inclusive of approach road and internal roads.	be developed as a part of Green
3.		Belt development.
		Already saplings have been
		planted.
	Maximum marille adam and a second	Refer: Annexure 5
4	Maximum possible solar energy generation and	Solar lamps shall be installed at the
4.	utilization shall be ensured as an essential part of the	parking areas and approach roads.
	project. Sprinkles shall be installed and used in the project site	Sprinklers shall be installed in the
	to contain dust emissions.	project site and also outside the
	to contain dust chilissions.	project site to minimize the duct
5.		emission from the process and
0.		vehicles. At present Water tankers
		are used for dust suppression.
		Refer Annexure 7
	Eco-restoration including the mine closure plan shall be	Eco-restoration plan as per the Post
	done at the own cost of the project proponent.	Mine Closure Plan Will be
6.		Implemented in the quarry as per
		the plan submitted.
	At least 10 percent out of the total excavated pit area	Will be followed as per the
	should be retained as water storage areas and the	guidelines.
7.	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 EC	

	Corporate Social Responsibility (CSR) agreed upon by	
	conforme oberni hesponoromety (conf) ugreen upon of	CSR plan as agreed and other CSR
8.	he proponent should be implemented.	activities are being taken up and
		shall be implemented.
		Receipts of CSR activities attached
		as Annexure 8
Т	The lease area shall be fenced off with barbed wires to a	Fencings all around the boundary
	ninimum height of 4ft around, before starting of the	of quarrying area shall be provided
	nining. All the boundary indicators (boards, stores,	to avoid the incidence.
	narkings, etc) shall be protected at all the times and	
	shall be conspicuous.	Refer: Annexure 2
	Warning alarms indicating the time of blasting (to be	As per the stipulations of Explosive
	done specific timing) has to be arranged as per	Department the warning alarms by
		1 0 1
10.	stipulations of Explosive Department.	indicating the blasting time is
		provided.
		Photographs are attached as
		Annexure 9
11	Control measures on noise and vibration prescribed by	Prescribed control measures from
	KSPCB should be implemented.	KSPCB shall be followed.
2	Quarrying activities should be limited to day time as	Quarrying activities are limited to
	per KSPCB guidelines/specific conditions.	only day time.
В	Blasting should be done in a controlled manner as	Blasting shall be done in controlled
S	specified by the regulations of Explosives Department	manner as specified by the
l3. o	or any other concerned agency.	regulations of Explosives
		Department or any other
		concerned agency.
A	A licensed person should supervise/ control the	All activities are supervised by a
l4. b	plasting operation.	licensed Blaster and Mines
4.		Manager.
		License attached as Annexure 10
	Access road to the quarry shall be tarred to contain dust	Access road to the quarry shall be
A	provide that many arrive during transportation of	tarred and maintained affectively.
	emission that may arise during transportation of	5
l5. e	naterials.	
l5. e: n		Noted and shall be followed.
l5. e: n C	naterials. Dverburden materials should be managed within the	Noted and shall be followed.
15. e: n C 16. si	naterials. Overburden materials should be managed within the site and used for reclamation of the mine pit as per	Noted and shall be followed.
15. e: n C 16. si n	materials. Overburden materials should be managed within the site and used for reclamation of the mine pit as per mine closure plan / specific conditions.	
15. e: n C 16. si n H	materials. Dverburden materials should be managed within the site and used for reclamation of the mine pit as per mine closure plan / specific conditions. Height of the benches should not exceed 5m, and width	Noted and shall be followed. Noted and is being followed.
15. e: n C 16. si n F sl	materials. Dverburden materials should be managed within the site and used for reclamation of the mine pit as per mine closure plan / specific conditions. Height of the benches should not exceed 5m, and width should not be less than 5m, if there is no mention in the	Noted and is being followed.
15. e: n C 16. si n F sl	materials. Dverburden materials should be managed within the site and used for reclamation of the mine pit as per mine closure plan / specific conditions. Height of the benches should not exceed 5m, and width	
		License attached as Anne Access road to the quarr

	<u> </u>	11
18.	Mats to reduce fly rock blast to a minimum of 10 PPV	Mats to reduce fly rock blast shall
10.	should be provided	be provided
19.	Maximum depth of the mining from general ground	Noted and will be followed.
17.	level at site shall not exceed 10 m.	
20.	No mining activity shall be carried out at places having	Noted and shall be complied.
20.	slope greater than 45 ⁰	
	Acoustic enclosures should have been provided to	Not applicable
	reduce sound amplification in addition to the	
21.	provisions of green belt and hollow brick envelop for	
	crushers to that the noise level is kept within prescribed	
	standards given by CPCB/KSPCB.	
	The workers on the site should be provided with the	All workers are provided with
22.	required protective equipment such as ear muffs,	required PPE's.
۲۲.	helmets, etc.	Photographs attached as Annexure
		12
	Garland drains with clarifiers to be provided in the	Garland Drains shall be provided
23.	lower slopes around the core area to channelize storm	to channelize the storm water
	water.	during the monsoon.
	The transportation of minerals should be done in	Trucks used for transportation will
24.	covered trucks to contain dust emissions.	be covered to reduce dust
		emissions.
	The proponent should plant trees at least 5 times of the	Greenbelt is developed as per the
25.	loss that has been occurred while clearing the land for	guidelines.
	the project.	
	Disposal of spent oil from diesel engines should be as	Spent oil for diesel engines shall be
26.	specified under relevant Rules / Regulations.	handed over to authorized
		recyclers.
	Explosives should be stored in magazines in isolated	Explosives are stored in magazines
	place specified and approved by the Explosives	in earmarked area as specified by
27.	Department.	the authority.
27.		Photographs attached as Annexure
		13
	A minimum buffer distance of 100m from the boundary	Complied.
	of the quarry to the nearest dwelling unit or other	
28.	structures, not being any facility for mining shall be	
	provided.	
29.	100 m buffer distance should be maintained from forest	NA.
	boundaries.	

· · · · · · · · · · · · · · · · · · ·		
20	Consent from KSPCB under Water and Air Act(s)	Required consent from KSPC has
30.	should be obtained before initiating mining activity.	been obtained.
		Attached as Annexure 14
	All other statutory clearance should have been	All the statutory clearances
31.	obtained, as applicable, by project proponent from the	/permissions are obtained which is
01.	espective competent authorities including that for applicable	applicable to the project.
	blasting and storage of explosives.	
	In the case of any change(s) in the scope of the project,	Will adhere as per the EIA
	extent quantity, process of mining technology involved	Notification.
	or in any way affecting environmental	
32.	parameters/impacts as assessed, based on which EC is	
	issued, the project would require a fresh appraisal by	
	this authority, for which the proponent shall apply and	
	get approval of this Authority.	
	The Authority reserves the right to add additional	Noted.
	safeguards measures subsequently, if found necessary,	
	and take actions including revoking of the Environment	
33.	clearance under the provisions of the Environment	
001	(Protection) Act 1986, to ensure effective	
	implementation of the suggested safeguards measures	
	in a time bound and satisfactory manner.	
	The stipulations by Statutory Authorities under	Stipulated conditions shall be
	different Acts and notifications should be complied	implemented.
	with, including the provisions of Water (Prevention and	implementeu.
34.	Control of Pollution) Act, 1974 and Air (Prevention and	Air and Water Analysis reports are
54.		
	Control of Pollution) Act 1981, the Environment	enclosed as Annexure No 15 &
	(protection) Act 1986, the Public liability (Insurance)	16.
	Act 1991 and EIA Notification, 2006.	
	The Project proponent should advirtise in at least two	Advertised in the news paper.
	local newspapers widely circulated in the region, one of	
	which shall be in vernacular language informing that	
	the project has been accorded Environmental Clearance	
	and copies of clearance letters are available with the	
35.	Department of Environment and Climate Change, Govt.	
	of Kerala 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 should be	
, I		
	forwarded to the office of this Authority as	

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, ere received while processing the proposal. The Clearance letter shall also be put on the website of the company by the proponent.	Copy of the EC letter is submitted to Gram Panchayat and acknowledgment is submitted SEIAA, Kerala.
37.	The Proponent shall submit six monthly 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 SEIAA Office.	Half yearly compliance report shall be submitted regularly to the Concerned Department as specified.
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 extend of lease area and boundaries shall be depicted at the entrance of the quarry, visible to public	Details of Environmental Clearance are displayed. Photographs attached as Annexure 17
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.	Affidavit to follow the conditions stipulated in EC has been provided.
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.	Noted and shall be followed.
41.	The project proponent shall ensure that no natural water course and/ or water resources shall be obstructed due to any mining operation. Necessary safeguard measures to protect the first order streams, if any, originating from the mine lease shall be taken.	Noted and shall be followed.
42.	Monitoring of Ambient Air Quality to be carried out based on the Notification 2009, as amended from time to time by the CPCB. Water sprinkling should be increased at places loading and unloading points &	Regular monitoring of Ambient Air Quality shall be carried out as per the Notification and water sprinkling shall be done to reduce

	transfer point to reduce fugitive emission.	dust emissions.
	The top soil, if any, shall be temporarily be stored in	Noted and shall be strictly
	earmarked dump site(s) only. The maximum height of the dumps shall not exceed 8m and width 20m and	followed as per the guidelines.
43.	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 runoff. 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 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 runoff of water and flow of sediments directly into the rivers and other water bodies. The water so collected should be utilized for watering the mine area, roads, greenbelt development etc. The drains shall be regularly desilted particularly after monsoon and maintained properly.	Noted and shall be followed.
45.	Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having levels of PM ₁₀ and PM _{2.5} 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 CPCB.	Necessary actions to curb air pollution will be taken at the project site and shall ensure that the Ambient Air Quality parameters conform to the norms prescribed by the CPCB.
46.	Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading points and transfer points should be provided and properly maintained.	Noted and shall be followed.
47.	Measures should be taken for control of noise levels below 85 dBA in the work environment.	Noted and will be followed. Noise level monitoring report is attached as Annexure 18
48.	A separate environmental management cell with suitable qualified personnel should be set up under the control of Senior Executive, who will report directly to the Head of the Organization.	Environmental Monitoring Cell headed by Quarry Manager along with qualified Environmental Consultant / Engineers is being engaged for effective implementation of the

		pollution control maggings
		pollution control measures.
	The funds earmarked for environmental protection	CSR activities as agreed is being
10	measures and CSR activities should be kept in separate	taken up.
49.	account and should not be diverted for other purpose.	Refer Annexure 8
	Year wise expenditure should be reported to the SEIAA	
	office.	
	The Regional Office of MoEF&CC located in Bangalore	Noted and full cooperation shall be
	shall monitor compliance of the stipulated conditions.	given.
50.	The project authorities should extend full cooperation	
	to the officer (s) of the Regional Office by furnishing the	
	requisite data/information/monitoring reports	
	Any appeal against this Environmental Clearance shall	Noted.
F 1	lie with the national Green Tribunal, if preferred, within	
51.	a period of 30 days as prescribed under Section 16 of the	
	National green Tribunal Act, 2010.	
	Concealing the factual data or submission of	Noted.
	false/fabricated data and failure to comply with any of	
52.	the conditions mentioned above may result in	
	withdrawal of this clearance and attract action under	
	the provisions of Environment (Protection) Act,1986.	
	The SEIAA may revoke or suspend the order, for non	Noted.
	implication of any of the specific or this implementation	
53.	of any of the above conditions or stipulate any further	
	condition in the interest of environment protection.	
	The above conditions shall prevail not withstanding	Noted.
	anything to the contrary, in consistent, or simplified,	Tioted.
54.	contained in any other permit, license or consent given	
	by any other authority for the same project.	
	This order is valid for a period of 5 years or the expiry	Noted.
55.		Noted.
55.	date of mine lease period issue by the Government of	
	Kerala, whichever is earlier.	
	The Environmental Clearance will be subject to the final	Noted.
56.	order of the courts in any pending litigation related to	
	the land or the project, in any court of law.	
	The mining operations shall be restricted to above	Noted and will be strictly adhered.
57.	ground water table and it should not intersect the	
	ground water table.	
	All vehicles used for transportation and within the	All Vehicles used within the quarry
58.	mines shall have 'PUC' certificate from authorized	areas are having PUC certificate.
	pollution testing centre. Washing of all vehicles shall be	

	inside of the lease area.	
59.	Project proponent shall obtain necessary prior permission of the competent authorities for drawal of requisite quantity of surface water and ground water for the project.	Noted and shall be followed.
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.	Noted and shall be followed.
61.	Occupational health surveillance program of the workers should be undertaken periodically to observe any contradictions due to exposure to dust and take corrective measures, if needed.	Regular health checkups for the workers shall be done.

Photographs of Boundary Pillars



PHOTOGRAPHS SHOWING BOUNDARY PILLARS

Photographs of Fencing



PHOTOGRAPHS SHOWING FENCING WITH BARBED WIRES

Photographs of Govt. excess land demarcation



Photograph of Excavated Pit as pond



Photograph showing the excavated pit retained as rainwater storage pond

Photographs of Greenbelt



PHOTOGRAPHS SHOWING GREENBELT DEVELOPMENT



Photograph of Rainwater Harvesting Structure



PHOTOGRAPHS SHOWING RAINWATER HARVESTING STRUCTURES

Photograph of Dust Suppression





PHOTOGRAPHS SHOWING WATER SPRINKLING USING TANKERS FOR DUST SUPPRESSION

CSR Receipts

ആലക്കോട് ഗ്രാമ പഞ്ചായത്ത് ആഫീസ്

കലയന്താനി പി ഒ, ആലക്കോട്, ഇടുക്കി ജീല്ല. ഫോൺ- 04862 276 246

Web:www.lsgkerala.in/alakodeanchayat

Email: secretaryalkd@gmail.com,

3

27/05/2020

എ1- 621/20

സാക്ഷ്യപത്രം

ആലക്കോട് ഗ്രാമ പഞ്ചായത്ത് ഇഞ്ചിയാനി എൽ.പി സ്ക്കൂൾ ഓഫീസിനോടനുബന്ധിച്ച് അറ്റാച്ചഡ് ടോയ്ലറ്റ്, ഒന്നാം ക്ലാസ്റ്റിന്റെയും അടുക്കളയുടെയും മുറ്റം ഇന്റെർലോക്ക് ടൈല് പാകുക എന്നീ ജോലികള് 16/07/2019 ലെ ആലക്കോട് ഗ്രാമ പഞ്ചായത്ത് കമ്മിറ്റിയുടെ 7 നമ്പര് തീരുമാന പ്രകാരം ഷിജു തോമസ് പള്ളിവാതുക്കൽ എന്നയാളുടെ സ്പോൺസർഷിപ്പില് നടത്തുന്നതിന് തീരുമാനിച്ചിരുന്നു. ഇഞ്ചിയാനി എൽ.പി സ്ക്കൂൾ സ്റ്റാഫ് റൂമിനോട് ചേർന്ന് 1.50M നീളം വീതി 1.95M, സ്റ്റോർ റൂം 2.70M നീളം വീതി 1.35M ഉള്ള കെട്ടിടങ്ങളുടെ പണി പൂർത്തീകരിച്ചതായി 27/05/2020 ല് അസിസ്റ്റന്റ് എഞ്ചിനിയര് നൽകിയ കംപ്ലീഷൻ സര്ട്ടിഫിക്കറ്റിന്റെ അടിസ്ഥാനത്തില് സാക്ഷ്യപ്പെടുത്തുന്നു.

Amme

രാജമോഹനൻ പി.എസ്. സെക്ട്രറി ആഖക്കോട് ഗ്രാമപങ്കായങ്ങ് ട്രോക്കി ജില്ല – ടേട്ടടെ, കലയന്താണ് പി.ഒ. ഡോൺ : 0469 + 276248, മൈ. 9456045081



EST NO:2019-2020/0

LSGD Section Alakkode

inchiyani school toilet and interlocking

Detailed Estimate

(Cost Index Applied for this estimate is 38.91%)

	Description	No	17-11-11	В	D	CF	Quantity	Remark
	1		1 Toilet F	or Homeo				
1	2.8.1 Earth work in excav trenches or drains (r ramming of bottoms, excavated soil as dir	not exceedin lift up to 1.	ig 1.5 m in v 5 m, includii	vidth or 10 ng getting c	sqm on plar but the exca	n), including	g dressing of	f sides a
	Foundation	1	4.000	0.600	0.500	ß	1.200	
		2	1.500	0.600	0.500		0.900	
	And and and an an	na deservice			Tota	al Quantity	2.100 cum	
	and the second second	1.		Тс	otal Deducte	d Quantity	0.000 cum	
					Net Tota	al Quantity	2.100 cum	
			S	Say2.100 cu	m @ Rs 231	.15 / cum	Rs 4	85.42
	labour charges etc. co Foundation	1	4.000	0.600 0.600	1.500 1.500	arang	3.600 2.700	
			100 0000		1.500		2.700	
	wall foundatn	1	8.000	0.600	0.300		1.440	
	super	1	8.000	0.500	0.750	Lineser sea	3.000	
	Total Quantity						10.740 cur	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity Say10.740 cum @ Rs 2666.10 / cum						10.740 cur	
3	4.1.8 Providing and laying shuttering - All work nominal size)		ement concr	ete of speci	fied grade o	excluding th		itering a
	Flooring	1	4.000	1.600	0.075		0.480	
		Total Quantity					A REPORT OF A R	
					Tota	I Quantity	0.480 cum	

.

printed on 02-07-2019 11:57:41

PRICE

EST NO:2019-2020/0

PRICE

	Net Total Quantity 0.480 cum											
	200	Say0.480 cum @ Rs 6220.60 / cum					Rs 298	5.89				
4	7.1.1 Random rubble masonry with hard stone in foundation and plinth including levelling up with cemer concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) up to plint level with:Cement mortar 1:6 (1 cement : 6 coarse sand)											
	basement	1	4.900	0.450	0.400		0.883					
		2	1.500	0.450	0.400		0.540					
					Total	Quantity	1.423 cum					
	100 and 100 areas	1000	- The second	То	tal Deducted	Quantity	0.000 cum					
					Net Total	Quantity	1.423 cum					
			Sa	y1.423 cum	@ Rs 5508.9	96 / cum	Rs 783	39.25				
	shuttering - All work up to nominal size)	plinth le	4.900	ement : 2 cc 0.450	0.050	yraueu s	0.111					
	belt		3230.3				0.082	111111				
		2	1.800	0.450	0.050		0.200					
e and	wall belt	- 1	8.000	0.500	0.050	0						
						Quantity	0.393 cum					
				To	otal Deducted		0.000 cum 0.393 cum					
	Net Total Quantity						Rs 2992.69					
	Say0.393 cum @ Rs 7614.98 / cum						KS 29	92.09				
	1						50.6.2.2 Solid masonry using pre cast solid blocks (factory made) of size 30x20x15cm or nearest available size confirming to IS 2185 part I of 1979 for super structure up to floor two level with thickness 15cm in : CM 1:6 (1 cement : 6 coarse sand) etc complete					
6	Solid masonry using pre confirming to IS 2185 pa 1:6 (1 cement : 6 coarse	rt I of 19	79 for super	structure up	of size 30x2 to floor two	0x15cm o level with	r nearest ava thickness 15	ailable s cm in : (
6	Solid masonry using pre confirming to IS 2185 pa	rt I of 19	79 for super	structure up	of size 30x2 to floor two 2.500	0x15cm o level with	r nearest ava thickness 15 1.294	ailable si cm in : (
6	Solid masonry using pre confirming to IS 2185 pa 1:6 (1 cement : 6 coarse Wall(Excluding lintel	rt I of 19 e sand) e	79 for super tc complete	structure up	o to floor two	0x15cm o level with	thickness 15	ailable si cm in : C				
6	Solid masonry using pre confirming to IS 2185 pa 1:6 (1 cement : 6 coarse Wall(Excluding lintel	rt I of 19 e sand) e 1	79 for super tc complete . 3.450	o.150	2.500	0x15cm o level with	1.294	ailable si cm in : C				
6	Solid masonry using pre confirming to IS 2185 pa 1:6 (1 cement : 6 coarse Wall(Excluding lintel thickness)	rt I of 19 e sand) e 1 2	79 for super tc complete 3.450 1.800	0.150 0.150	2.500 2.500	0x15cm o level with	1.294 1.350	ailable s cm in : (
6	Solid masonry using pre confirming to IS 2185 pa 1:6 (1 cement : 6 coarse Wall(Excluding lintel thickness) wash area	rt I of 19 e sand) e 1 2 2	79 for super tc complete 3.450 1.800 0.800	0.150 0.150 0.150	2.500 2.500 1.000 0.150	0x15cm o level with	1.294 1.350 0.240	cm in : C				
6	Solid masonry using pre confirming to IS 2185 pa 1:6 (1 cement : 6 coarse Wall(Excluding lintel thickness) wash area	rt I of 19 e sand) e 1 2 2	79 for super tc complete 3.450 1.800 0.800	0.150 0.150 0.150 0.150 0.150	2.500 2.500 1.000 0.150	level with	1.294 1.350 0.240 0.090	cm in : C				
6	Solid masonry using pre confirming to IS 2185 pa 1:6 (1 cement : 6 coarse Wall(Excluding lintel thickness) wash area	rt I of 19 e sand) e 1 2 2	79 for super tc complete 3.450 1.800 0.800	0.150 0.150 0.150 0.150 0.150	2.500 2.500 1.000 0.150 Tota otal Deducted	level with	1.294 1.350 0.240 0.090 2.974 cum					

printed on 02-07-2019 11:57:41

PRICE

EST NO:2019-2020/0

	5.3 Reinforced cement balconies, shelves,	concrete work	in beams, s	uspended f	oors, roofs,	having slop and spiral	be up to 15 ⁰ stair cases	landings up to floo		
	five level excluding 1.5 coarse sand (Zo	the cost of cer	tering, shutte	ering, finishi	ng and reinto	prcement, v	with1:1.5:3 (1 cemen		
	Lintel	1	3.450	0.150	0.150		0.078			
	Linter	2	1.500	0.150	0.150		0.068	ALL		
-	Roof	1	4.000	2.000	0.100		0.800			
	1001	1	1.000	0.800	0.075		0.060			
				-	Total	Quantity	1.006 cum			
	and the second sec	215.01		То	tal Deducted	Quantity	0.000 cum			
					Net Total	Quantity	1.006 cum			
			Say	1.006 cum	@ Rs 10266.	56 / cum	Rs 10	328.16		
8	5.9.3 Centering and shu landings, balconie	uttering includ	ing strutting platform	, etc. and	removal of f	orm for:Su	spended flo	pors, roo		
		1	4.000	3.200			12.800			
		I Quantity	12.800 sqm							
		Total Deducted Quantity 0.000 sqm								
		T			Net Tota	al Quantity	12.800 so	μm		
		Say12.800 sqm @ Rs 586.62 / sqm Rs 7508.74								
9	5.22.6 Steel reinforceme binding all comple	placing in p grade Fe-50	oosition a							
	Dinuliu ali compr	are obre human								
1		1	1.200		14	80.0	96.000			
	80kg/m3	11	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1.0		96.000 96.000 k	Γ		
		1	1		1.0	80.0 al Quantity	96.000 96.000 k	ilogram		
		1	1		Tot Total Deducte	80.0 al Quantity	96.000 96.000 k 0.000 kil	ilogram ogram		
		1	1.200		Tot Total Deducte	80.0 al Quantity ad Quantity al Quantity	96.000 96.000 k 0.000 kil 96.000 k	ilogram		
10	80kg/m3 11.36 Providing and fix specified by the r black of any size	ting I st qualiti manufacturer), as approved b	1.200 Say96.0 y ceramic g of approved y Engineer - (1 cement : 3	000 kilogram lazed wall f make, in a in-Charge, i 3 coarse sal	Tot Total Deducte Net Tot @ Rs 78.62 illes conform I colours, sha n skirting, ris nd) and jointi	80.0 al Quantity ad Quantity al Quantity al Quantity / kilogram ing to IS : ades except ers of stept ng with gre	96.000 k 96.000 k 96.000 k 96.000 k Rs 15622 (thin of burgundy, s and dados y cement sl	ilogram ogram ilogram 7547.52 ckness to bottle gr , over 12 urry @ 3.		
10	80kg/m3 11.36 Providing and fix specified by the r	ting I st qualiti manufacturer), as approved b	1.200 Say96.0 y ceramic g of approved y Engineer - (1 cement : 3	000 kilogram lazed wall f make, in a in-Charge, i 3 coarse sal	Tot Total Deducte Net Tot @ Rs 78.62 tiles conform I colours, sha n skirting, ris nd) and jointi pigment of m	80.0 al Quantity ad Quantity al Quantity al Quantity / kilogram ing to IS : ades except ers of stept ng with gre	96.000 k 96.000 k 96.000 k 96.000 k Rs 15622 (thin of burgundy, s and dados y cement sl	ilogram ogram ilogram 7547.52 ckness to bottle gro , over 12 urry @ 3.		

printed on 02-07-2019 11:57:41

page 3

.

EST NO:2019-2020/0

PRICE

	Louis in territories				Total Quantit	7.600 sqn	1	
	national states	- Treas I and a	a second	То	tal Deducted Quantit	/ -0.800 sq	n	
	Net Total Quantity						6.800 sqm	
			Sa	y6.800 sqm	@ Rs 1034.60 / sqm	Rs 7	Rs 7035.28	
11	manufacturer), of Grey, Fume Red I	1st quality confor Brown, laid on 2	rming to IS : 0 mm thick	15622, of a cement more	00x300 mm (thickne pproved make, in col rtar 1:4 (1 Cement : 4 ent etc., complete.	ours such as \	White, Ive	
	Room	1	1.800	3.000	A. S.A.	5.400		
		1	1.000	1.000	Mar Inco	1.000		
					Total Quantit	y 6.400 sqr	1	
				Тс	otal Deducted Quantit	y 0.000 sqr	n	
	With the state of the state	y 6.400 sqr	n					
		Rs 6	119.62					
		1	0.800	2.100 Te	Total Quanti otal Deducted Quanti	-		
		y 1.681 sqr	n					
	Say1.681 sqm @ Rs 2920.28 / sqm						908.99	
13	position in line a minimum length o with concrete in t	t factory moulde nd level directe f 25 cms. on eac wall using 1:2:4 of conveyance, i	d by the en ch vertical sid (one cemen material cos	ngineer in o de of the fra nt: 2 fine sa	of size 90x45 cm or charge including fixin me with necessary s and: 4 coarse aggres arges, curing charge	ng MS clamp crews and fixir gate 20mm) c	3 nos. v ig the cla oncrete	
		2				2.000		
				1	Total Quanti	y 2.000 ea	ch	
		A Page We		Т	otal Deducted Quanti	y 0.000 ea	ch	
					Net Total Quanti	y 2.000 ea	ch	
			S	ay2.000 ead	ch @ Rs 897.92 / eac	n Rs 1	795.84	
14	50.9.6.1 Providing and fix			12.2				

PRICE

EST NO:2019-2020/0

	glass panes including ISI n screws. Using Anjili wood /	jack wood	d 30 mm thick	k shutters	T		0.245				
	the second second	2	0.350		0.350		0.245 sqm				
			1			and	0.000 sqm				
		accord									
	ANTIN COLOR	I Quantity	0.245 sqm Rs 822.53								
	and and		Say0).245 sqm	@ Rs 3357	.26 / sqm	KS 0.	22.55			
15	13.16.1			(base o							
-	6 mm cement plaster of m	1.5.5		1.800			7.200				
	Ceiling	2	2.000	1.800	Tot	al Quantity	7.200 sqn	n			
		d Quantity	0.000 sqn								
				10		al Quantity	7.200 sqr				
								438.20			
	and the second second	27.831	Sa	iy7.200 sq	m @ Rs 19	9,107 sqm					
16	13.4.1 12 mm cement plaster of	mix:1:4 (1 cement : 4	coarse sa	nd)	1		1			
	Out Side including basement	1	7.000	3.100		a north	21.700				
	Inside	1	7.600	0.850			6.460				
	Door	2	0.800		2.100		-3.360				
	V	2	0.900		0.450	1 1 4	-0.810				
	V				To	otal Quantity					
	Total Deducted Quantity							the second s			
	Net Total Quantity										
	Say23.990 sqm @ Rs 251.22 / sqm							6026.77			
17	18.48 Providing and placing on terrace (at all floor levels) polyethylene water storage tank :ISI 12701 mark with cover and suitable locking arrangement and making necessary holes for inlet, outlet and over pipes but without fittings and the base support for tank.										
		1	250.000	1			250.00	op. add on the same of the same			
						Fotal Quantit					
						cted Quanti					
	and the second second				Net	Total Quanti		and the second second			
		s 10.07 / Litr									

printed on 02-07-2019 11:57:41

5

EST NO:2019-2020/0

PRICE

	per direction of Engin	eer -in-Char	ge 20 mm dia 10 K	C solvent cement and testing cgf/cm2- Internal work - Exposed	5.000		
		1	5.000		5.000 metre		
	Contra Maria						
	State State State			Total Deducted doctory	0.000 metre		
	Distant in the second	SAW/		Net Total decimy	5.000 metre		
			Say5.000	metre @ Rs 176.80 / metre	Rs 884.00		
19	50.18.9.7.2 Providing and fixing	PVC pipes in	ncludings jointing of	pipes with one step PVC solv of Engineer in Charge.63 mm	vent cement, trenching dia 4 Kgf/cm2		
	refilling & testing or j	1	5.000		5.000		
		1		Total Quantity	5.000 metre		
		These is the		Total Deducted Quantity	0.000 metre		
				Net Total Quantity	5.000 metre		
		Rs 1192.15					
	refilling & testing o	f joints com	10.000	pipes with one step PVC solon of Engineer in CHarge. 11	10.000		
		in the second					
	-0103		10.000	Total Quantity	10.000 metre		
	GROD		10.000	Total Quantity Total Deducted Quantity	0.000 metre		
				Total Deducted Quantity Net Total Quantity	0.000 metre 10.000 metre		
				Total Deducted Quantity	0.000 metre		
21	50.18.9.22.4 Providing and fixin	ng PVC mou	Say10.00	Total Deducted Quantity Net Total Quantity	0.000 metre 10.000 metre Rs 3889.80 cluding jointing with F		
21		ng PVC mou	Say10.00	Total Deducted Quantity Net Total Quantity 00 metre @ Rs 388.98 / metre sories for Rigid PVC pipes, in	0.000 metre 10.000 metre Rs 3889.80 cluding jointing with F 3.000		
21	50.18.9.22.4 Providing and fixin	ng PVC mou 10 mm dia E	Say10.00	Total Deducted Quantity Net Total Quantity 00 metre @ Rs 388.98 / metre sories for Rigid PVC pipes, in Total Quantit	0.000 metre 10.000 metre Rs 3889.80 cluding jointing with F 3.000 y 3.000 no		
21	50.18.9.22.4 Providing and fixin	ng PVC mou 10 mm dia E	Say10.00	Total Deducted Quantity Net Total Quantity 00 metre @ Rs 388.98 / metre sories for Rigid PVC pipes, in Total Quantit Total Deducted Quantit	0.000 metre 10.000 metre Rs 3889.80 cluding jointing with F 3.000 y 3.000 no y 0.000 no		
21	50.18.9.22.4 Providing and fixin	ng PVC mou 10 mm dia E	Say10.00	Total Deducted Quantity Net Total Quantity 00 metre @ Rs 388.98 / metre sories for Rigid PVC pipes, in Total Quantit	0.000 metre 10.000 metre Rs 3889.80 cluding jointing with F 3.000 y 3.000 no y 0.000 no ty 3.000 no		
21	50.18.9.22.4 Providing and fixin	ng PVC mou 10 mm dia E	Say10.00 Ided fittings/ acces Bend	Total Deducted Quantity Net Total Quantity 00 metre @ Rs 388.98 / metre sories for Rigid PVC pipes, in Total Quantit Total Deducted Quantit	0.000 metre 10.000 metre Rs 3889.80 cluding jointing with F 3.000 y 3.000 no y 0.000 no y 3.000 no		
21	50.18.9.22.4 Providing and fixin solvent cement- 1	ng PVC mou 10 mm dia E 3	Say10.00 Ided fittings/ acces Bend	Total Deducted Quantity Net Total Quantity 00 metre @ Rs 388.98 / metre sories for Rigid PVC pipes, in Total Quantit Total Deducted Quantit Net Total Quantit	0.000 metre 10.000 metre Rs 3889.80 cluding jointing with F 3.000 y 0.000 no y 0.000 no y 3.000 no y 0.000 no xy 3.000 no xy 3.000 no xy 3.000 no xy 3.000 no xy xy		

EST NO:2019-2020/0

	- marking				Total	Quantity	2.000 no				
				То	tal Deducted	Quantity	0.000 no				
	The second by preserve	1			Net Total	Quantity	2.000 no				
	1			Say2.000	no @ Rs 169	9.69 / no	Rs 33	39.38			
23	13.46.1 Finishing walls with Acryli @ 1.67 ltr/10 sqm over an	ic Smool	th exterior pa	int of requir	ed shade:Ne	w work (Tw plied @ 2.3	/o or more of 20 kg/10 sqn	oat a n)			
-		2	0.800		2.100		-3.360				
-	Door	2	0.900		0.450		-0.810				
	V Out Side including basement	1	7.000	3.100			21.700				
	Inside	1	7.600	0.850	•		6.460				
			harmon	1	Tota	Quantity	28.160 sq	m			
				To	otal Deducted	Quantity	-4.170 sqn	n			
	Net Total Quantity							m			
					Say2: 990 sqm @ Rs 133.42 / sqm						
24	17.2.1 Providing and fixing whit and lid, 10 litre low leve device (handle lever), co	el white	us china pede P.V.C. flushi	estal type wang cistern, with all fitti	m @ Rs 133 ater closet (E including flu- ngs and fixtur	uropean ty sh pipe, w res comple	te, including	n) wit con cuttir			
24	Providing and fixing white and lid, 10 litre low leve device (handle lever), co making good the walls a	el white	us china pede P.V.C. flushi	estal type wang cistern, with all fitti	m @ Rs 133 ater closet (E including flu- ngs and fixtur	uropean ty sh pipe, w res comple	pe W.C. par ith manually te, including	n) wit con cuttir			
24	Providing and fixing whit and lid, 10 litre low leve device (handle lever), co making good the walls a and lid	el white nforming and floor	us china pede P.V.C. flushi	estal type wang cistern, with all fitti	m @ Rs 133 ater closet (E including flu- ngs and fixtur	uropean ty sh pipe, w res comple	pe W.C. par ith manually te, including	n) wit con cuttir			
24	Providing and fixing whit and lid, 10 litre low leve device (handle lever), co making good the walls a and lid	el white	us china pede P.V.C. flushi	estal type wang cistern, with all fitti	m @ Rs 133. ater closet (E including flu- ngs and fixtur C. pan with I	uropean ty sh pipe, w res comple	pe W.C. par ith manually te, including white solid	n) wit v con cuttir plasti			
24	Providing and fixing whit and lid, 10 litre low leve device (handle lever), co making good the walls a and lid	el white nforming and floor	us china pede P.V.C. flushi	estal type winning cistern, , with all fitti equired:W.(m @ Rs 133. ater closet (E including flu- ngs and fixtur C. pan with I	uropean ty sh pipe, w res comple SI marked	pe W.C. par ith manually te, including white solid 1.000	n) wit con cuttir plasti			
	Providing and fixing whit and lid, 10 litre low leve device (handle lever), co making good the walls a and lid	el white nforming and floor	us china pede P.V.C. flushi	estal type winning cistern, , with all fitti equired:W.(m @ Rs 133. ater closet (E including flu- ngs and fixtur C. pan with I C. pan with I Tota	uropean ty sh pipe, w res comple SI marked	pe W.C. par ith manually te, including white solid 1.000 1.000 eac	n) wit con cuttir plasti h			
	Providing and fixing whit and lid, 10 litre low leve device (handle lever), co making good the walls a and lid	el white nforming and floor	us china pede P.V.C. flushi to IS : 7231 s wherever r	estal type wing cistern, , with all fitti equired:W.(m @ Rs 133. ater closet (E including flu- ngs and fixtur C. pan with I C. pan with I Tota	Suropean ty sh pipe, w res comple SI marked I Quantity d Quantity	pe W.C. par ith manually te, including white solid 1.000 1.000 eac 0.000 eac	h) wit con cuttir plasti			
	Providing and fixing white and lid, 10 litre low level device (handle lever), co- making good the walls a and lid 17.7.3 Providing and fixing was of standard pattern, ind wherever require:White	el white informing and floor 1	us china pede P.V.C. flushi to IS : 7231 s wherever r Sa with C.I. brac	estal type wing cistern, with all fitti equired:W.0 y1.000 each kets, 15 mm	m @ Rs 133. ater closet (E including flu- ngs and fixtur C. pan with I Tota otal Deducter Net Tota n @ Rs 4748. h C.P. brass p brackets, cu	Suropean ty sh pipe, w res comple SI marked I Quantity d Quantity d Quantity 92 / each pillar taps, s	pe W.C. par ith manually te, including white solid 1.000 eac 0.000 eac 1.000 eac Rs 4 32 mm C.P. making goo	h) with con cuttir plasti h h h h 748.9			
	Providing and fixing white and lid, 10 litre low level device (handle lever), co- making good the walls a and lid 17.7.3 Providing and fixing was	el white informing and floor 1 1 wh basin v cluding Vitreous	us china pede P.V.C. flushi to IS : 7231 s wherever r Sa with C.I. brac	estal type wing cistern, with all fitti equired:W.0 y1.000 each kets, 15 mm	m @ Rs 133. ater closet (E including flu- ngs and fixtur C. pan with I Tota otal Deducter Net Tota n @ Rs 4748. h C.P. brass p brackets, cu	Suropean ty sh pipe, w res comple SI marked I Quantity d Quantity d Quantity 92 / each pillar taps, s	pe W.C. par ith manually te, including white solid 1.000 eac 0.000 eac 1.000 eac Rs 4 32 mm C.P. making goo	h) with con cuttir plasti h h h h 748.9			
	Providing and fixing white and lid, 10 litre low level device (handle lever), co- making good the walls a and lid 17.7.3 Providing and fixing was of standard pattern, ind wherever require:White	el white informing and floor 1	us china pede P.V.C. flushi to IS : 7231 s wherever r Sa with C.I. brac	estal type wing cistern, with all fitti equired:W.0 y1.000 each kets, 15 mm	m @ Rs 133. ater closet (E including flu- ngs and fixtur C. pan with I Tota otal Deducted Net Tota n @ Rs 4748. h C.P. brass p brackets, cu	Suropean ty sh pipe, w res comple SI marked I Quantity d Quantity d Quantity 92 / each billar taps, s otting and m with a pa	rpe W.C. par ith manually te, including white solid 1.000 eac 0.000 eac 1.000 eac Rs 4 32 mm C.P. making goo air of 15 mm	h) wit con cuttir plasti h h h h h h ch 748.9 brass			
	Providing and fixing white and lid, 10 litre low level device (handle lever), co- making good the walls a and lid 17.7.3 Providing and fixing was of standard pattern, inc wherever require:White pillar taps	el white informing and floor 1 1 wh basin v cluding Vitreous	us china pede P.V.C. flushi to IS : 7231 s wherever r Sa with C.I. brac	estal type wing cistern, with all fitti equired:W.4 y1.000 each kets, 15 mm ittings and h basin size	m @ Rs 133. ater closet (E including flu- ngs and fixtur C. pan with I Tota otal Deducted Net Tota n @ Rs 4748. h C.P. brass p brackets, cu	Suropean ty sh pipe, w res comple SI marked I Quantity d Quantity d Quantity 92 / each billar taps, S otting and m with a partity al Quantity	rpe W.C. par ith manually te, including white solid 1.000 eac 0.000 eac 1.000 eac 1.000 eac Rs 4 32 mm C.P. making goo air of 15 mm	h) wit con cuttir plasti h h h h h h h ch brass of the n C.P			

avinted on 02-07-2019 11:57:41

PRICE

PRICE

EST NO:2019-2020/0

			Say	1.000 each @	Rs 2910.58	/ each	Rs 29	10.58
26	16.68 Providing and laying 60 mm thick factory made cement concrete interlocking paver made by block making machine with strong vibratory compaction, of approved size in required colour and pattern over and including 50 mm thick compacted bed of joints with fine sand etc. all complete as per the direction of Engineer-in-charge.							
1	joints with fine sand e		9.000	6.600			59.400	-
		1	2.000	5.100	1000		10.200	-
	- The Isa	1	6.000	3.600	1		21.600	
		1	6.000	1.800			32.401	
7		3	7.000	(2.3+1.8)/			14.350	a share
	Second State		.L.	1	Tota	Quantity	137.951	sqm
		NEW		Tot	al Deducted		0.000 sq	m
		051 10 0 0				I Quantity	137.951	sqm
	THE REAL PROPERTY			ay137.951 sqn	and a state of the		Rs 11	7985.35
and the second	disposal of unservi cement mortar	ceable mate	y / by mech erial within 0.800	anical means 50 metres lea 0.150	ad as per d	irection of	Engineer-	in-Charge
	disposal of unservi	ceable mat	y / by mech	anical means 50 metres lea	ad as per d	irection of	1	in-Charge
	disposal of unservi	ceable mate	erial within	50 metres lea	2.000	irection of al Quantity	0.240 0.240 ct	Jm
	disposal of unservi cement mortar	ceable mate	erial within	0.150	2.000 Tot	al Quantity ed Quantity	0.240 0.240 ct 0.000 ct	Jm
	disposal of unservi cement mortar	ceable mate	erial within	0.150 To	2.000 Tot Deducte Net Tot	al Quantity ed Quantity al Quantity	0.240 0.240 cm 0.000 cm 0.240 cm	um um
	disposal of unservi cement mortar	ceable mate	erial within	0.150	2.000 Tot Deducte Net Tot	al Quantity ed Quantity al Quantity 0.59 / cum	0.240 0.240 ct 0.000 ct 0.240 ct Rs	um um um s 280.94
	disposal of unservi cement mortar	ceable mate	erial within	0.150 To	2.000 Tot Deducte Net Tot	al Quantity ed Quantity al Quantity 0.59 / cum GST	0.240 0.240 ct 0.000 ct 0.240 ct Rs Amount	um um s 280.94 Rs 30292
	disposal of unservi cement mortar	ceable mate	erial within	0.150 To	2.000 Tot otal Deducte Net Tot n @ Rs 117	al Quantity ed Quantity al Quantity 0.59 / cum GST Total w	0.240 0.240 cm 0.000 cm 0.240 cm Rs Amount ith GST	um um s 280.94 Rs 30292 Rs 282728
	disposal of unservi cement mortar	ceable mate	erial within	0.150 To	2.000 Tot otal Deducte Net Tot n @ Rs 117	al Quantity ed Quantity al Quantity 0.59 / cum GST Total w for round 0	0.240 0.240 ct 0.000 ct 0.240 ct 0.240 ct Rs Amount th GST	um um s 280.94 Rs 30292 Rs 282728 271.80
	disposal of unservi cement mortar	ceable mate	erial within	0.150 To	2.000 Tot otal Deducte Net Tot n @ Rs 117	al Quantity ed Quantity al Quantity 0.59 / cum GST Total w for round o TO	0.240 0.240 cm 0.000 cm 0.240 cm Rs Amount rith GST	um um 280.94 Rs 30292 Rs 282728 271.80 3000.0025
	disposal of unservi cement mortar	ceable mate	erial within	0.150 To	2.000 Tot otal Deducto Net Tot n @ Rs 117 Lumpsum	al Quantity ed Quantity al Quantity 0.59 / cum GST Total w for round o TO Rour	0.240 0.240 cm 0.000 cm 0.240 cm Rs Amount ith GST off TAL Rs 28 aded Total	um um 280.94 Rs 30292 Rs 282728 271.80 3000.0025 Rs 283000
	disposal of unservi cement mortar	ceable mate	erial within	0.150 To	2.000 Tot otal Deducto Net Tot n @ Rs 117 Lumpsum	al Quantity ed Quantity al Quantity 0.59 / cum GST Total w for round o TO	0.240 0.240 cm 0.000 cm 0.240 cm Rs Amount ith GST off TAL Rs 28 aded Total	um um 280.94 Rs 30292 Rs 282728 271.80 3000.0025 Rs 283000
Cost Ir	disposal of unservi cement mortar	1	0.800	0.150 To	2.000 Tot otal Deducto Net Tot n @ Rs 117 Lumpsum	al Quantity ed Quantity al Quantity 0.59 / cum GST Total w for round o TO Rour	0.240 0.240 cm 0.000 cm 0.240 cm Rs Amount ith GST off TAL Rs 28 aded Total	um um 280.94 Rs 30292 Rs 282728 271.80 3000.0025 Rs 283000
Cost Ir	disposal of unservi cement mortar door oepning	1	0.800	0.150 To	2.000 Tot otal Deducto Net Tot n @ Rs 117 Lumpsum	al Quantity ed Quantity al Quantity 0.59 / cum GST Total w for round o TO Rour vo Lakh Eig	0.240 0.240 cm 0.000 cm 0.240 cm Rs Amount ith GST off TAL Rs 28 nded Total hty Three	um um 280.94 Rs 30292 Rs 282728 271.80 3000.0025 Rs 283000 Thousand (

printed on 02-07-2019 11:57:41

page 8







ഇഞ്ചിയാനി ഗവൺമെന്റ് എൽ.പി. സ്കൂളിന് ഷിജു തോമസ് പള്ളിവാതുക്കൽ എന്നയാൾ റൂഫിംഗ്, ടൈൽ, ടോയ്ലറ്റ്, എന്നിവ പണിത് കൊടുത്തതിന്റെ ഫോട്ടോകൾ. ୍ୟାନ୍ତ୍ରୀୟ ଉଠତତ। ଭାନ୍ତ୍ରୀୟ ଚ୍ଚାଏପାରଚଚଚ



ചരീക തീർത്ഥത്തം!! എക്സിക്യൂട്ടീവ് എൻജിനീയറുടെ കാര്യാലയം, പൊതുമരാമത്ത് വകുപ്പ് നിരത്ത് വിഭാഗം ഇടുക്കി, Phone No. 04862 232353 Pin-685603 Email – eeroadsidukki@gmail.com.

No.D3-1129/2020

തീയതി : 29/05/2020

പ്രേക്ഷിതൻ

എക്സിക്യൂട്ടീവ് എഞ്ചിനീയർ.

സ്വീകർത്താവ്

അസ്സിസ്റ്റന്റ് എക്സിക്യൂട്ടീവ് എഞ്ചിനീയർ, പൊതുമരാമത്ത് വകുപ്പ് നിരത്ത് ഉപവിഭാഗം, തൊടുപുഴ.

- വിഷയം : ആലക്കോട് ഇഞ്ചിയാനി റോഡിൽ ടൈൽ പാകുന്നതിന് അനുമതി നൽകുന്നത് – സംബന്ധിച്ച്.
- പരാമർശം : (1) താങ്കളുടെ കാര്യാലയത്തിലെ 28.05.2020 തീയതിയിലെ ഡി5–ജനറൽ/20 നമ്പർ കത്ത്.
 - (2) ശ്രീ. ഷിജു തോമസ്, പളളിവാതുക്കൽ വീട്, ചിലവ് പി ഒ, തൊടുപുഴയുടെ അപേക്ഷ.

ആലക്കോട് – ഇഞ്ചിയാനി റോഡിൽ ടൈൽ പാകുന്നതിന് ശ്രീ. ഷിജു തോമസ്, പളളിവാതു ക്കൽ വീട്, ചിലവ് പി ഒ, തൊടുപുഴ എന്നയാളുടെ അപേക്ഷയിൻമേൽ താഴെ പറയുന്ന നിബന്ധന കൾക്ക് വിധേയമായി ടൈൽ പാകുന്നതിന് താൽക്കാലിക അനുമതി നൽകാവുന്നതാണ്.

നിബന്ധനകൾ.

- കാനയിലൂടെയുള്ള വെള്ളത്തിന്റെ ഒഴുക്കിന് യാതൊരുവിധ തടസ്സവും ഇല്ലാത്ത രീതിയിലാ യിരിക്കണം പ്രസ്തുത നിർമ്മാണം നടത്തേണ്ടത്.
- മഴവെള്ളം റോഡിൽ കെട്ടിനിൽക്കാതെ പൂർണ്ണമായും വെള്ളച്ചാലിൽ പതിക്കുന്ന രീതിയി ലായിരിക്കണം നിർമ്മാണം നടത്തേണ്ടത്.
- 3) ഏതൊരു സാഹചര്യത്തിലും പൊതുമരാമത്ത് വകുപ്പ് ആവശ്യപ്പെടുന്ന പക്ഷം അധികൃത രുടെ നിർദ്ദേശാനുസരണം പ്രസ്തുത നിർമ്മാണം അപേക്ഷകന്റെ സ്വന്തം ചെലവിലും നിർദ്ദിഷ്ട സമയത്തിനുള്ളിലും പൊളിച്ചു നീക്കം ചെയ്യേണ്ടതാണ്.
- 4) പ്രസ്തുത നിർമ്മാണവുമായി ബന്ധപ്പെട്ട നിർമ്മാണ സാമഗ്രികൾ, നിർമ്മാണ ഉപകരണ ങ്ങൾ എന്നിവ മൂലം കാൽനടയാത്രക്കാർക്കോ വാഹന ഗതാഗത്തിനോ തടസ്സമോ അപകടമോ ഉണ്ടാകാൻ പാടില്ല.

- 5) അപേക്ഷകൻ സ്വന്തം ആവശ്യപ്രകാരം പ്രസ്തുത നിർമ്മാണം പൊളിച്ചുമാറ്റുകയാണെങ്കിൽ ആയത് ബന്ധപ്പെട്ട പൊതുമരാമത്ത് വകുപ്പ് അധികൃതരെ മുൻകൂട്ടി അറിയിച്ച് അനുമതി വാങ്ങിയതിന് ശേഷമായിരിക്കണം.
- 6) പ്രസ്തുത നിർമ്മാണത്തിൽ ബന്ധപ്പെട്ട പൊതുമരാമത്ത് വകുപ്പ് അധികൃതരുടെ അനുമതി യില്ലാതെ അപേക്ഷകൻ സ്വന്തം നിലവിൽ യാതൊരുവിധ നിർമ്മാണമോ കൂട്ടിച്ചേർക്കലോ വരുത്തുവാൻ പാടില്ല.
- 7) പ്രസ്തുത നിർമ്മാണവുമായി ബന്ധപ്പെട്ട പ്രവൃത്തി സ്ഥലത്ത് സംഭവിച്ചേക്കേവുന്ന അപകടങ്ങൾക്ക് പൊതുമരാമത്ത് വകുപ്പ് ഉത്തരവാദിയായിരിക്കുന്നതല്ല.
- 8) മേൽപ്പടി നിർമ്മാണം സർക്കാരിന്റ ആസ്തിയിൽ ഉൾപ്പെടുന്നതായിരിക്കും. അപേക്ഷകന് ആയതിൽ യാതോരുവിധ അവകാശങ്ങളും ഉണ്ടായിരിക്കുന്നിച്ച.
- 9) പ്രസ്തുത നിർമ്മാണം കർശനമായും ബന്ധപ്പെട്ട പൊതുമരാമത്ത് വകുപ്പ് അധികൃതരുടെ നിർദ്ദേശാനുസരണവും മേൽനോട്ടത്തിലും ആയിരിക്കണം.
- 10) മേൽ നിബന്ധനകളനുസരിച്ച് 200/- രൂപയുടെ മുദ്രപത്രത്തിൽ പ്രവൃത്തി തുടങ്ങുന്നതിനു മൂൻപായി കരാർ വെയ്പ്പിക്കേണ്ടതാണ്. കൂടാതെ തൊടുപുഴ പൊതുമരാമത്ത് നിരത്ത് -സെക്ഷൻ അസ്സിസ്റ്റന്റ് എഞ്ചിനീയറുടേയും അറിവോടുകൂടിയായിരിക്കണം പ്രവൃത്തി തുടങ്ങേണ്ടത്.

ഏതു സാഹചര്യത്തിലും മുന്നറിയിപ്പില്ലാതെയും അപേക്ഷകന് യാതൊരുവിധ നഷ്ടപരിഹാരവും അനുവദിക്കാതെയും ഈ ഉത്തരവ് റദ്ദാക്കുന്നതിന് പൊതുമരാമത്ത് വകുപ്പിന് പൂർണ്ണ അധികാരം ഉണ്ടായിരിക്കുന്നതാണ്.

വിശ്വസ്തതയോടെ,

എക്സിക്ക്യുട്ടീവ് എഞ്ചിനീയർ.

പകർപ്പ്:

- പ്പ. ശ്രീ. ഷിജു തോമസ്, പളളിവാതുക്കൽ വീട്, ചിലവ് പി ഒ, തൊടുപുഴ
 - 2. അസ്സിസ്റ്റന്റ് എഞ്ചിനീയർ, പൊതുമരാമത്ത് വകുപ്പ് നിരത്ത് സെക്ഷൻ, തൊടുപുഴ.

Ra/T2



கேலில் केरल KERALA

CK 671989

എഗ്രിമെന്റ് നമ്പർ

് ആലക്കോട് – ഇഞ്ചിയാനി റോഡിൽ ഷിജു തോമസ്, പള്ളിവാതുക്കൽ വീട്. ച്ലിലവ്.പി.ഒ., തൊടുപുഴ എന്നയാൾ ടൈൽ പാകുന്നതിന് ഉള്ള താൽകാകലിക അനുമ തി.

/എഇഇ/2020-21

2020 ജൂൺ മാസം , ഗ്വി - ാം തീയതി ശ്രീ. ഷിജു തോമസും (അപേക്ഷകൻ) തൊടുപുഴ പൊതുമരാമത്ത് വകുപ്പ് നിരത്തുവിഭാഗം അസിസ്റ്റന്റ് എക്സിക്യുട്ടിവ് എഞ്ചിനീയറും (കേരള ഗവർണർക്കുവേണ്ടി) മുകളിൽ പരാമർശിച്ച ആവശ്യത്തിനായി ബഹുമാനപ്പെട്ട നിരത്തുവിഭാഗം എക്സിക്യൂട്ടീവ് എഞ്ചിനീയറുടെ D3- 1129/2020 dt. 29/05/2020 നമ്പർ ഉത്തരവിൻ പ്രകാരം താഴെപ്പറയുന്ന നിബന്ധനകൾക്കു വിദധ യമായി ഏർപ്പെടുന്ന കരാർ ഉടമ്പടി.

അപേക്ഷകൻ

അസി.എക്സി.എഞ്ചിനീയർ

No 207 C Data 26/5/2020 Soin 20/93 6 00 and ~ 20100 00 mond

For W. K. Murali Stamp Vendor

Thodupazha





கேடில் केरल KERALA

CK 671990

ന്നിബന്ധനകൾ

1)⁷ കാനയിലൂടെയുള്ള വെളളത്തിന്റെ ഒഴുക്കിന് യാതൊരുവിധ തടസ്സവും ഇല്ലാത്ത രൂതിയിലായിരിക്കണം പ്രസ്തുത നിർമ്മാണം നടത്തേണ്ടത്.

2); മഴവെള്ളം റോഡിൽ കെട്ടിനിൽക്കാതെ പൂർണ്ണമായും വെള്ളച്ചാലിൽ പതിക്കുന്ന രീതിയിലായിരിക്കണം കാനയ്ക്ക് മുകളിൽ നിർമ്മാണം നടത്തേണ്ടത്.

3) ഏതൊരു സാഹചര്യത്തിലും പൊതുമരാമത്ത് വകുപ്പ് ആവശ്യപ്പെടുന്നപക്ഷം അധി ക്യൂതരുടെ നിർദ്ദേശാനുസരണം പ്രസ്തുത നിർമ്മാണം അപേക്ഷകന്റെ സ്വന്തം ചെല വിലും നിർദ്ദിഷ്ട സമയത്തിനുള്ളിലും പൊളിച്ചു നീക്കം ചെയ്യേണ്ടതാണ്.

4) പ്രസ്തുത നിർമ്മാണവുമായി ബന്ധപ്പെട്ട നിർമ്മാണ സാമഗ്രികൾ, നിർമ്മാണ ഉപ കരണങ്ങൾ എന്നിവ മൂലം കാൽനടയാത്രക്കാർക്കോ വാഹന ഗതാഗതത്തിനോ തട സ്സുമോ അപകടമോ ഉണ്ടാകാൻ പാടില്ല.

5) അപേക്ഷകൻ സ്വന്തം ആവശ്യപ്രകാരം പ്രസ്തുത നിർമ്മാണം പൊളിച്ചുമാറ്റുക യംണെങ്കിൽ ആയത് ബന്ധപെട്ട പൊതുമരാമത്ത് വകുപ്പ് അധികൃതരെ മുൻകൂട്ടി അറി യിച്ച് അനുമതി വാങ്ങിയതിനു ശേഷമായിരിക്കണം.

അപേക്ഷകൻ

hah അസി.എക്സി.എഞ്ചിനീയർ

M. ARUN N For M. K. Murall Stamp Vendor Thodupuzha



6) പ്രസ്തുത നിർമ്മാണത്തിൽ ബന്ധപ്പെട്ട പൊതുമരാമത്ത് വകുപ്പ് അധികൃതരുടെ അനുമതിയില്ലാതെ അപേക്ഷകൻ സ്വന്തം നിലയിൽ യാതൊരുവിധ നിർമ്മാണമോ കൂട്ടി ച്ചേർക്കലോ വരുത്തുവാൻ പാടില്ല.

7) പ്രസ്തുത നിർമ്മാണവുമായി ബന്ധപ്പെട്ട പ്രവൃത്തി സ്ഥലത്ത് സംഭവിച്ചേക്കാ വുന്ന അപകടങ്ങൾക്ക് പൊതുമരാമത്ത് വകുപ്പ് ഉത്തരവാദിയായിരിക്കുന്നതല്ല.

8) മേൽപ്പടി നിർമ്മാണം സർക്കാരിന്റെ ആസ്തിയിൽ ഉൾപ്പെടുന്നതായിരിക്കും. അപേ ക്ഷകന് ആയതിൽ യാതൊരുവിധ അവകാശങ്ങളും ഉണ്ടായിരിക്കുന്നില്ല.

9) പ്രസ്തുത നിർമ്മാണം കർശനമായും ബന്ധപ്പെട്ട പൊതുമരാമത്ത് വകുപ്പ് അധി കൃതരുടെ നിർദ്ദേശാനുസരണവും മേൽനോട്ടത്തിലും ആയിരിക്കണം.

11) തൊടുപുഴ പൊതുമരാമത്ത് നിരത്ത് ഉപവിഭാഗം അസിസ്റ്റന്റ് എക്സിക്യൂട്ടീവ് എഞ്ചിനീയറുടേയും, തൊടുപുഴ പൊതുമരാമത്ത് നിരത്ത് സെക്ഷൻ അസിസ്റ്റന്റ് എഞ്ചി നീയറുടേയും അറിവോടുകൂടിയായിരിക്കണം പ്രവൃത്തി തുടങ്ങേണ്ടത്.

ഏതു സാഹചര്യത്തിലും മുന്നറിയിപ്പില്ലാതെയും അപേക്ഷകന് യാതൊരുവിധ നഷ്ടപരിഹാരവും അനുവദിക്കാതെയും ഈ ഉത്തരവ് റദ്ദാക്കുന്നതിന് പൊതുമരാമത്ത് വകുപ്പിന് പൂർണ്ണ അധികാരം ഉണ്ടായിരിക്കുന്നതാണ്.

മുകളിൽ പരാമർശിച്ചിരിക്കുന്ന നിബന്ധനകൾ എല്ലാം അഗീകരിച്ച് കരാർ ഒപ്പുവ യ്ക്കുന്നു. ∧

അപേക്ഷകൻ

ഷിജു തോമസ്

സാക്ഷികൾ

Ashanol. K. M Ashe

മുകളിൽ പറഞ്ഞിരിക്കുന്ന നിബന്ധനകൾക്ക് വിധേയമായി അനുമതി നൽകി കരാർ ഒപ്പുവയ്ക്കുന്നു.

> അസി.എ്ക്സി.എഞ്ചിനീയർ പൊതുമരാമത്ത്വകുപ്പ് നിരത്ത് ഉപവിഭാഗം, തൊടുപുഴ

സാക്ഷികൾ 1.

2.

2.

യുമില് മാസ്വം ഒടന്നും പുറത്ത് ഒല് ചന്താന് p.o എന്ന നത്തിന് എന്റെ 18ത്താക് ഡമാലിസ്സ് ചെയ്യുന്നതാനാല്) മുളൾ ദണല് നസിന് ഇതിന്റെ മെളം മൂട്ട് ഒല്യത്താന് p.o (9961681437) നോൺ നസ് നടിങ്ങതോത് പള്ളി പാത്ര കൺ എലന് p.o എലന് എന്ന മണമൻ നന്നാ 3000/-നില്ലി സ്ത്രമാൺ എലന് p.o എലന് എന്ന മണമൻ നന്നാ 3000/-നേപ് തെട്ടെപ്പിലിന്നും

m and May

എന്ന്,

20/5/20

2 m Exel പേര്...സ

35 anzian 2 m 20m 20m പേര്..... സ്ഥലം. _____ൽ താമസിക്കുന്ന ഞാൻ പാറമടയുടെ ഉടമസ്ഥനായ ഷിജു തോമസ് പക്കൽ ലീസ് നമ്പർ (55/17-18/6319/M3/2016/ ന്നായർ 1/2016/DEIAA/IDK/KERALA) നിന്നും എന്റെ ഭർത്താവിന്റെ / ഭാര്യയുടെ /രൂപ കൈപ്പറ്റിയിരിക്കുന്നു.

എന്ന്,

\$5/5/20 ame const

and man ഒപ്

എന്ന്,

and Sml78222

ഒപ്പം....

an bring

10/3/20.

34

വീട്ടുപേര്. &2 ച ലോറിനി 37. 21.22 സ്ഥലം. ഹു.ബ്. സം. വീട്ടുനമ്പർ......ൽ താമസിക്കുന്ന ഞാൻ പാറമടയുടെ ഉടമസ്ഥനായ ഷിജു തോമസ് പക്കൽ ലീസ് നമ്പർ (55/17-18/6319/M3/2016/ DMG E-C നമ്പർ 1/2016/DEIAA/IDK/KERALA) നിന്നും എന്റെ ഭർത്താവിന്റെ / ഭാര്യയുടെ / എന്ന്, 5/6/20

33 പര് ട്രെപ്പറിച്ചുനമ്പർ മാമസ് പക്കൽ ലീസ് നമ്പർ (55/17-18/6319/M3/2016/ DMG E-C നമ്പർ 1/2016/DEIAA/IDK/KERALA) നിന്നും എന്റെ ഭർത്താവിന്റെ / ഭാദ്യയുടെ / മക്കന്റെ ചികിത്സയ്ക്കായി 4500/- തുപ കൈപ്പറ്റിയിരിക്കുന്നു.

7/6/20 Inchym

എന്ന്,

userzinie (cm

33 uni Emzal Eozomania Dezo സ്ഥലം നാരം പ്രിച്ചുനമ്പർ.....ൽ താമസിക്കുന്ന ഞാൻ പാറമടയുടെ ഉടമസ്ഥനായ ഷിജു തോമസ് പക്കൽ ലീസ് നമ്പർ (55/17-18/6319/M3/2016/ DMG E-C നമ്പർ 1/2016/DEIAA/IDK/KERALA) നിന്നും വീടിന്റെ പണിക്കായി 325 എന്നിവ കൈപ്പറ്റിയിരിക്കുന്നു. ടി മെറ്റീരിയലിന്റെ വില 15000 / – രൂപയാണ്. 115 2020 എന്ന്, and Brid Capmin anj

34 and eleon വീട്ടുപേര്...... കണ്യാത്ത സ്ഥലം ക്രാമസിക്കുന്ന ഞാൻ പാറമടയുടെ ഉടമസ്ഥനായ ഷിജു തോമസ് പക്കൽ ലീസ് നമ്പർ (55/17-18/6319/M3/2016/ DMG E-C നമ്പർ 1/2016/DEIAA/IDK/KERALA) നിന്നും വീടിന്റെ പണിക്കായി 225 215 S. Jan lare 14/5/2020 എന്ന്, مامّ و Roy 60j......

പേര്യി.ക	100000	phing c.p.s	വീട്ടുപേര്		
സ്ഥലം	ileint	വീട്ടുനമ്പർ		ൽ താമസിക്കുന്ന	ഞാന്
പാറമടയുടെ	ട ഉടമസ്ഥനായ	ച്ചിജു തോമസ് പ	പക്കൽ ലീസ് നമ്പർ	8 (55/17-18/6319/M3	3/2016
			1000	പിട ിന്റെ പണിം	-
mg 2	ab 221	5 alomont	los 22 m	5 Aurorzana	6 105
	കപറിയിരിക്കാ	ന്ന ു. ടി മെറീരിയ ല	Hone alle 3.0.	<u>00/-</u>	n.

എന്ന്,

and Enzyon of Enzym

എന്ന്,

ano shelvy jolly

Branch : Thodispuble (1143) 19523, Kundhukutam Arcade, Kandvanust, am Bypass Road, Opposite KSRTC Bus Stand Joy of Earking Pay C.M.D.R.F	ibeis Date	
RUPEES TOTAL Only	या उन	कं आदेश पर OR ORDER
0 अदा करें	₹	1,00,000/-
A/C No. 20180000012538 Current Account		For MARIYA GRANITES
dde at dar at av branches of ESAF SMALL FINANCE BANK. MIRTOR A BINGHUM ES		Please sign above / एम्बन काम हाराजा करे

8 01

	465,VII, MUNCIPAL S KERALA, 68558	HOPPING CO 34 Ph:, I	OMPLEX, M Mob:944692	UNCIPAL 29182, EN	Mail: sinimo	nps2	3@gmail.o	com		
			INVOICE	(B2C) -	CASH				Original	for Recipien
GSTIN:	32BPKPS6430N1ZF					-	e		Unginai	or recipien
PAN:				6	nsportation Mo	_		_		
	on Reverse Charge:				Vehicle	_	2.100-20	-		
nvoice No:		PO No:		e	& Time of Sup Place of Sup	_	2-301-20			
voice Date:	12-Jun-20	PO Date:			Place of Sup	piy.	Shippe	d To:		
	Billed T	0:		-	MARIYA GRAN	ITES				
Name	MARIYA GRANITES									-
Address	ANCHIRI P.O, INCHIYANI, 6855	85						_		
	: 9447522690	Mobile:				_		-	Mobile:	22
	KERALA	Code:	32		KERALA				Code:	32
STIN/UID					GSTIN/UID:		CCCT	_	SGST	Total
D	escription of Goods / Service	HSN/SAC	Qty/Uom	Rate	Net Value	%	CGST Amount	96	Amount	
			1 Nos	6970.00	6970.00	9	765.00	9	765.00	8500
VIVO YS	869084047731579		1105							3
					1					
							4.1			
			а 20	÷ .					÷.,	
		÷.,	12						3.	-
			1						× 1	
				15	1		× ,		-	
							1			
							~			2
			11	-			÷ .		nango	
Ro	ound Off				.00 6970	00	765.	of S	765	.00 . 8
E&OB	SEVEN THOUSAND ONLY	То	tal: 1	6970.	.00 6970	.00	/03.		U BUS SIMAN	OORYA MO



ഓൺ ലൈൻ ക്ലാസിൽ പങ്കെടുക്കുന്നതിനായി സ്കൂൾ കുട്ടിക്ക് മൊബൈൽ ഫോൺ കൈമാറി.

3G MOBILE WORLD

or, No 23/445 W, Thodupuzha Municipality, Shanfer Arcade, Building No1081/A,, Idukki., PH.0486-2297888, thodupuzha THODUPUZHA - 685584. Ph: MOB:8943331188. GSTIN/UIN: 32AAAFZ4615J1Z8.

Serial No of Invoice: SI/TDP/1			NVOICE	B TO B	Origin	al for Red	ceipient
Date Of Invoice : 16/06/20 State: KERALA State	20 code: 32		S	nvoice Time: 16 alesperson : SH	ABIN MUH		
illed To, MARIA GRANITES ANCHIRI PO INCHIYANI 9447522690 GSTIN:32DLKPS4092E1ZY State:KERALA	State	code:	Shipped MARIA ANCHI INCHI THODU 94475 GSTIN 32 State	To: GRANITES RI PO YANI PUZHA - 685585 22690 : 32DLKPS4092E1	ZY	State	code: 32
No Description	HSN/SAC	Qty		Dis % Dis/U			
1 32 INCH LED TV:MR:TV MR32/TDP/02 Discoun Sub Total 9.00% CGST 9.00% SGST Sub Total	8528	1	6422.20	490.00	9.00	9.00	5932.20 -490.00 533.90 7000.00
						н а. а. П	
Total	 +				 +		7000.00
Rupees: Seven thousand only							
Terms & Conditions: Certified that all the partia and correct and that my/our a on the date of this Bill				2017 is valid a	MY GEN	U G DIGITAL HUB W, SHANFER A THODUPUZNA 17 288, 8933 33	
				for 3G MOBILE	WORLD		



ഇഞ്ചിയാനി ഗവൺമെന്റ് എൽ.പി. സ്കൂൾ കുട്ടികൾക്ക് ഓൺ ലൈൻ ക്ലാസിൽ പങ്കെടുക്കുന്നതിന് വായനശാല അധികൃതർക്ക് ടി. വി. കൈമാറുന്നു.











Half yearly Compliance Report

Photographs showing Blasting Time displayed



Half yearly Compliance Report

Certificate of Mines Manager

ANNEXURE 10

BY REGISTERED POST

भारत सरकार/ Govt. of India श्रम एवं रोजगार मंत्रालय/ Ministry of Labour & Employment खान सुरक्षा महानिदेशालय/ Directorate General of Mines Safety बेंगलुरु क्षेत्र, द.अं,/Bangalore Region ,SZ.

E-Mail: dir.bgr@dgms.gov.in

No.5, 17th Main, 100 ft Road, 4th Block Koramangala, Bangalore- 560034(Karnataka) Tel: , 080-25535971-74 FAX: 080-25535972

H./SZ/BGR/KER/IDU/18/Auth-34(6)/P-95/2016-17/

प्रेषक.

खान सुरक्षा निदेशक, -

बेगलुरु क्षेत्र, दं.अं.।

रोवा में, 🔅 Shri Shiju Thomas, Owner: Shiju Thomas Stone Quarry, Pallivathukkal House, Chilavu Post, Thodupuzha, Village: Thodupuzha District: Idukki, Kerala-685 588

विषय:-Authorization under Regulation 34(6) of MMR, 1961 in favour of Sri Gujiri Krishna Chandra, holder of Second Class Manager's Certificate (Restricted) to work as manager of Shiju Thomas Stone Quarry in Vill: Alakkodu, Taluk: Thodupuzha, Dist: Idukki, (Kerala).

संहोदसः राज्यता वि

Please refer to your letter No.Nil dated 07.10.2017 on the above subject.

In view of what has been stated in your application, I, in exercise of the powers conferred on the Chief-Inspector of Mines (also designated as Director General of Mines Safety) under the provisions of Regulation 34(6) of the Metalliferous Mines Regulations, 1961 and by virtue of the authorization granted to me by the Chief Inspector of Mines under Section 6(1) of the Mines Act, 1952, I, do hereby authorize Sri Gujiri Krishna Chandra, holder of Second class Manager's certificate (Restricted), Certificate Not SMR-5737 dated 25:08.2015, to act as Manager of Shiju Thomas Stone Quarry in Vill: Alakkodu, Taluk: Thodupuzha, Dist: Idukki, (Kerala) i.e up to 30.10.2018. subject to the following conditions:

11. Manager shall not take up any appointment in any capacity whatsoever in another mine.

1112: If required, deep hole drilling machinery not exceeding 100 mm diameter may be deployed with 11 maximum two loading machines with Uppers in the mine.

十二十十日,由日日,自己的问题。

· N - Threading Sta 1.11、18、11和時間、熟問

A. Dur to

- In case, deep hole blasting with hole diameter not exceeding 100mm has to be conducted, it shall
 In case, deep hole blasting with hole diameter not exceeding 100mm has to be conducted, it shall be carried out under the personal supervision of the manager. Blasting parameters of each blast with a sketch showing the drilling pattern and the holes charged shall be maintained in register kept for the purpose for each blast.
 - 4. The average daily employment of persons at the mine shall not exceed 100 in all, underground workings shall not be made and consumption of explosives per day shall not exceed 500Kgs.

5. No ore dressing/handling/processing plant is attached with the mine.

16. The provisions of Regulation 164(1-A)(c) and 164(1-B)(a) shall be strictly complied with.



बैंगलुरु, दिनांक,

2017.

- 7. Where by reason of absence or for any other reason, the manager is unable to exercise daily personal, supervision, a person holding at least a valid Foreman's Certificate shall be authorized to act as Manager of the mine in compliance with Regulation 34(7) (a) (1) and if no such qualified person is available, the mine workings should be kept suspended during such absence of the Manager. Attention is drawn to Regulation 34(7)(a) and (b) in respect of the period of authorization permitted, intimation of authorization to Director General of Mines Safety, Dhanbad and the undersigned etc.
- 8. The above authorization shall stand cancelled as soon as the person to whom it is being granted leaves the service at the mine under reference.
- 9. Intimation about the termination of manager as a result of his Transfer/Termination of Service/ Resignation shall also be submitted in Form I of the First Schedule immediately.
- 10. Notwithstanding anything contained above, the authorization may be withdrawn at any time as provided in the aforesaid Regulation.
- 11. If at any time any one of the conditions, subject to which this authorization has been granted, is violated or not complied with, this authorization shall be deemed to have revoked with immediate offect.
- 12. In the event of any change in the circumstances connected with this authorisation, intimation thereof shall be sent to this Directorate.
- 13. This authorisation is being granted without prejudice to any other statutory provisions, which may be or may become applicable at any time.
- 14. This authorisation may be amended, modified or withdrawn at any time if considered necessary in the interest of safety. 11 112 -

आपका विश्वसनीय,

521.__ खान सुरक्षा निदेशक, बेंगलुरु क्षेत्र, द.अं.

08 - 11 - 2017

बैंगलुरु, दिनांक,

रा./SZ/BGR/KER/IDU/18/Auth-34(6)/P-95/2016-17/ 📢 २ 🎘 -

Manager, Shiju Thomas Stone Quarry of Shri Shiju Thomas , Pallivathukkal House, Chilavu Post, Thodupuzha, Village: Thodupuzha, District: Idukki, Kerala-685 588

बेंगलुरु क्षेत्र, देसी.

D . DR. Martin the interest in the

01.M. (575 51.1)

Will state and it er

1 aber, SP i sugha

杨清礼。

Copy forwarded for information and necessary action to:

Half yearly Compliance Report

Photograph showing Benches







PHOTOGRAPHS SHOWING THE FORMATION OF BENCHES

Half yearly Compliance Report

Photograph showing workers with PPE's



Photograph showing the workers wearing PPE's

Photograph showing Magazine



PHOTOGRAPH SHOWING THE EXPLOSIVES STORED IN MAGAZINES

Consent from KSPCB



KERALA STATE POLLUTION CONTROL BOARD

FILE NO. :PCB/IDK/ICO/85/2017 Date of issue :23/02/2020

INTEGRATED CONSENT TO OPERATE - RENEWAL

Consent No : R16IDU-ICO-R-2704110

Ref : PCB/IDK/ICO/145/2017 VALID UP TO 25/04/2020

The 'Integrated Consent to Operate' issued as per reference above to M/s Quarry of Shiju Thomas, Chilavu P O, Chilavu, Thodupuzha is hereby renewed up to 19/04/2022 and issued to M/s Quarry of Shiju Thomas, Chilavu P O, Chilavu, Thodupuzha The consent(s)/ variation order(s) cited under reference are integral part of this renewal order and this order is subject to the conditions stipulated therein and the following modifications/ additions.

1. GENERAL

S.No.	Items	Description
1	VALIDITY	19.04.2022
2	CAPITAL INVESTMENT	43 lakh
3	MACHINARY	300 HP
4	ANNUAL FEE	Rs. 9600/-
5	CATEGORY	RED
6	FEE REMITTED	Rs. 26800/-

II. Stack Details

Stack No.	Source of	Emission	Stack Heig	ght above	Control
	Emission	Rate(Nm3/Hr)	Ground Level(In Meters)	Roof Level(In Meters)	Equipmen

III. CONDITIONS

3.1 For renewal of the consent in case of continuance of discharge/operation of the industry, application in the prescribed form shall be submitted through the web portal of the Board for Online Consent Management & Monitoring System 2 months prior to the date of expiry. Late application will be accepted only with finc.

Pagel

This consent is granted on the basis of the affidavit and other documents furnished by the applicant. If the statement furnished in the affidavit/document is found false or in the case of non-compliance of integrated consent to operate conditions the consent issued will be withdrawn/cancelled.

All other conditions of the Integrated Consent to Operate issued as per reference above remain unchanged.

EBY VARGHESE Date: 2020.02.25 13:51:22 +05'30' SIGNATURE & SEAL OF ISSUING AUTHORITY ENVIRONMENTAL ENGINEER, DO-IDUKKI



To Sri. Shiju Thomas Pallivathukkal (H) Chilavu P O Chilavu

DATE :24/02/2020

Quarry of Shiju Thomas Chilavu P O Chilavu, Thodupuzha

1. This digitally signed document is legally valid as per the Information Technology Act 2000

 For verifying this document please go to krocmms.nic.in and search using date of issue/name of the unit/Application Number in "Consent Granted Applications" link in the home page of the Board's Online Consent Management and Monitoring System.

Page2

Air Quality Monitoring Reports



POLUCHEM LABORATORIES (P) LTD. CHEMICAL, ENVIRONMENTAL AND MICROBIOLOGY LABORATORY

PALLATH BUILDING, N. KALAMASSERY P. O., ERNAKULAM - 683104

Phone : 0484-2544030, 8281982322, 9747400085, 9747400089, www.poluchem.com, poluchem@gmail.com

ACCREDITED BY KSPCB AS "A" GRADE LABORATORY

TEST REPORT

Page 01 of 01

Client Name & Address	Certificate No:	PL/AMB/RT/10092/2020
Mr.Shiju Thomas. Pallivathukal (H) Chilavu Post, Thodupuzha, Idukki Pin:685588	Date of issue:	20/04/2020
	Date of monitoring	13/04/2020 10.00 Hrs to 14/04/2020 10.00 Hrs
	Date of sample received:	14/04/2020
	Date of analysis	14/04/2020
	Monitoring Location	Quarry owned by Mr.Shiju Thomas SY Nos.294/1 Pt, 294/2 Pt, 295/5, 295/6 Pt, 296/2 Pt & 356/1-1 Pt. Taluk : Thodupuzha Village : Alakode District : Idukki, Kerala
	Sample description	Ambient air -Near East side boundary
	Sample code given by client	Nil

SL NO	PARAMETERS	TEST METHOD	RESULTS	Limit as per NAAQS
01	Particulate Matter (PM10)	I S 5182 Part 23 2006	49.5 μg/m ³	100 µg/m ³
02	Particulate Matter (PM2.5)	WI/AMB2.5/01	28.5 μg/m ³	60 μg/m ³
03	Sulphur dioxide	I S 5182 Part 2 2001	8.3 μg/m ³	80 µg/m ³
04	Nitrogen dioxide	IS 5182 Part 06 2006	5.3 µg/m ³	80 μg/m ³

Note: NAAQS-National Ambient Air Quality Standards

* End of the Report*

The results are related only to the sample collected for	Por and on behalf of POLUCHEM LABORATORIES (P) LTD.
analysis. This certificate shall not be reproduced except in full and without the written permission with authorized signatory	Carelo 2
	AUTHORIZED SIGNATORY

SREEJA RAMESH QUALITY MANAGER POLUCHEM LABORATORIES (P) LTD.

Water Quality Analysis Reports



POLUCHEM LABORATORIES (P) LTD.

CHEMICAL, ENVIRONMENTAL AND MICROBIOLOGY LABORATORY PALLATH BUILDING, N. KALAMASSERY P. O., ERNAKULAM - 683104

Phone : 0484-2544030, 8281982322, 9747400085, 9747400089, www.poluchem.com, poluchem@gmail.com

ACCREDITED BY KSPCB AS "A" GRADE LABORATORY

TEST REPORT

Page 01 of 02

Ref.No. PL/RT/SW/10094/2020	Date of Issue: 20/04/2020
Name & address of customer	: Mr. Shiju Thomas, Pallivathukal (H), Chilavu P O
P 1 01	Thodupuzha (Via), Idukki
Project Site	: Quarry Owned by Mr. Shiju Thomas
	Sy Nos.294/1 Pt, 294/2 Pt, 295/5, 295/6 Pt, 296/2 Pt
	& 356/1-1 Pt.
	Taluk : Thodupuzha
	Village: Alakode
	District: Idukki, Kerala
Sample drawn by	: Poluchem Laboratory Sample Collector
Sample description	: Water Sample
Location of sampling	: Pond Water- Out Side - North Side.
Date of sample collected	: 13/04/2020
Date of analysis	: 14/04/2020

Parameters tested	Test method	Results	Acceptable Limit As Per IS 10500-2012
Color	IS 3025 (P) 04 - 1983	4 Hazen Unit	5 Hazen Unit
Odour	IS 3025 (P) 05 - 1983	Agreeable	Agreeable
Turbidity	IS 3025 (P) 10 - 1984	1 NTU	1 NTU
pH	IS 3025 (P) 11 – 1983	6.89	6.5 - 8.5
Total Dissolved Solids	IS 3025 (P) 15 - 1984	98 mg/l	500 mg/l
Total Hardness as CaCO ₃	IS 3025 (P) 21 – 1983	28.6 mg/l	200 mg/l
Total Alkalinity as CaCO3	IS 3025 (P) 23 – 1986	28.9 mg/l	200 mg/l
Residual Chlorine	IS 3025 (P) 26 - 1986	BDL	0.2 mg/l
Chloride as CI	IS 3025 (P) 32 - 1988	18.61 mg/l	250 mg/l
Calcium as Ca	IS 3025 (P) 40 – 1991	8.42 mg/l	75 mg/l
Magnesium as Mg	IS 3025 (P) 46 - 1994	1.68 mg/l	30 mg/l
Total Iron as Fe	IS 3025 (P) 53 – 2003	0.14 mg/l	0.30 mg/l
Sulphate as SO ₄	IS 3025 (P) 31 – 1988	18.11 mg/l	200 mg/l
Fluoride as F	IS 3025 (P) 60 - 2008	0.18mg/l	1.0 mg/l

Note : BDL - Below Detection Level

POLUCHEM LABORATORIES (P) LTD.

AUTHORIZED SIGNATORY



POLUCHEM LABORATORIES (P) LTD. CHEMICAL, ENVIRONMENTAL AND MICROBIOLOGY LABORATORY

PALLATH BUILDING, N. KALAMASSERY P. O., ERNAKULAM - 683104

Phone : 0484-2544030, 8281982322, 9747400085, 9747400089, www.poluchem.com, poluchem@gmail.com

ACCREDITED BY KSPCB AS "A" GRADE LABORATORY

Date of Issue: 20/04/2020

Page 02 of 02

Parameters tested	Test method	Results	Acceptable Limits As per IS-10500-2012
Selenium as Se	IS 3025 (P)56 - 2003	BDL	0.01 mg/l
Arsenic as As	IS 3025(P) 37-1988	BDL	0.01 mg/l
Copper as Cu	IS 3025(P) 42-1992	BDL	0.05 mg/l
Manganese as Mn	IS 3025(P) 59-2006	BDL	0.1 mg/l
Cadmium as Cd	IS 3025(P) 41-1992	BDL	0.003 mg/l
Chromium as Cr	IS 3025 (P)52 - 2003	BDL	0.05 mg/l
Zinc as Zn	IS 3025(P) 49 - 1994	BDL	5 mg/l
Mercury as Hg	IS 3025(P) 48 - 1994	BDL	0.001 mg/l
Cyanide as CN	IS 3025(P)27 - 1986	BDL	0.05 mg/l
Lead as Pb	IS 3025(P) 47-1994	BDL	0.01 mg/l
Aluminum as Al	IS 3025 (P) 5 – 2003	BDL	0.03 mg/l
Boron as B	IS 3025(P) 57-2005	BDL	0.5 mg/l

Continuation of Test Certificate No: 10095/2020

Note : BDL - Below Detection Level MICROBIOLOGY ANALYSIS

Parameters tested	Unit	Test method	Results	Acceptable Limit As per IS – 10500-2012
Coliforms	MPN/100ml	IS 1622: 1981	122	Absent
E coli	Present or Absent/100ml	IS 1622: 1981	Absent	Absent

* End of the Report*

The results are related only to the sample collected for	For and on behalf of POLUCHEM LABORATORIES (P) LTD.
analysis. This certificate shall not be reproduced except in full and without the written permission with authorized signatory	Cougo 3.
	AUTHORIZED SIGNATORY
00	SREEJA RAMESH QUALITY MANAGER QUALITY MANAGER LUCHEM LABORATORIES (P) LTD.

Photographs showing EC Conditions displayed



ലൈസൻസ) മില്ല	ഷിജു തോമസ്, പള്ളിവാതുക്കൽ, ചിലവ് പി.ഒ., ഇഞ്ചിയാനി ഇടുക്കി
താലുക്ക് വില്ലേജ്	ം ഞാടുപുഴ ആലക്കോട്
സർവ്വെ നമ്പർ വിസ്തീർണ്ണം	: 294/1, 294/2, 295/5, 295/6, 296/2, 356/1-1 : 4.3049 ຄດງລັງຢ
E.C. No.	1/2016/DEIAA/IDK/KERALA
LEASE STARTING DA	TE: 10/05/2017 ending data and dtd:04/05/2017
NAME OF MINERAL	
Ta in	Granite (Building Stone) 1,45,000 METRIC TONNE
	A PARTY AND

۲ .

Noise Level Monitoring Reports



POLUCHEM LABORATORIES (P) LTD. CHEMICAL, ENVIRONMENTAL AND MICROBIOLOGY LABORATORY

PALLATH BUILDING, N. KALAMASSERY P. O., ERNAKULAM - 683104

Phone : 0484-2544030, 8281982322, 9747400085, 9747400089, www.poluchem.com, poluchem@gmail.com

ACCREDITED BY KSPCB AS "A" GRADE LABORATORY

TEST REPORT

Page 01 of 01

14/04/2020 11.00 Hrs	
ju Thomas Pt, 295/5, 295/6 Pt, 296/2 Pt	
, Kerala Level (Leq)	
Results	
46.9 dB (A)	
46.3 dB (A)	
46.8 dB (A)	
49.3 dB (A)	
48.6 dB (A)	
42.8 dB (A)	
42.3 dB (A)	
39.3 dB (A)	
39.9 dB (A)	
36.9 dB (A)	
35.4 dB (A)	
34.5 dB (A)	
34.6 dB (A)	
36.6 dB (A)	
37.5 dB (A)	
38.9 dB (A)	
35.4 dB (A)	
38.4 dB (A)	
39.2 dB (A)	
40.5 dB (A)	
41.2 dB (A)	
42.5 dB (A)	
44.3 dB (A)	
41.4 dB (A)	
45.4 dB (A)	
45.4 dB (A) 35.5 dB (A)	

*End of the Report *

POLUCHEM LABORATORIES (P) LTD.

SREEJA RAMESH QUALITY MANAGER POLUCHEM LABORATORIES (P) LTD.

AUTHORIZED SIGNATORY

Panchayath License



തിയതി-28/04/2020.

ലൈസൻസ് നമ്പർ-എ6-558/2020(1)

ആലക്കോട് ഗ്രാമപഞ്ചായത്ത്

1994 ലെ കേരള പഞ്ചായത്ത് രാജ് ആക്ട് (1994 ലെ 13) 232,233,234,254 എന്നീ വകുപ്പുകളും അതേ തുടർന്നുള്ള ചട്ടങ്ങളും അനുസരിച്ചു വ്യവസായങ്ങൾ ഫാക്ടറികൾ, വ്യാപാരങ്ങൾ സംരഭക പ്രവർത്തനങ്ങൾ മറ്റു സേവനങ്ങൾ എന്നിവയ്ക്ക് നൽകുന്ന

ലൈസൻസിയുടെ പേരും മേൽവിലാസവും	ഷിജു പള്ളിവാതുക്കൽ (H) ചിലവ് പി.ഒ തൊടുപുഴ
സ്ഥാപനത്തിന്റെ പേരും, സ്ഥലനാമവും	മരിയ ഗ്രാനൈറ്റ്സ് ,ഇഞ്ചിയാനി
ലെസൻസ് പവർത്തനങ്ങൾ	പാറപൊട്ടിച്ച് വിൽപ്പന നടത്തുന്നതിന്
വാർഡ് നമ്പരും, കെട്ടിട നമ്പരും, വില്ലേജ്, സർവ്വേ നമ്പർ	IX. ആലക്കോട്- 294/1, 294/2,295/5,295/6,296/2,356/1-1
ലൈസൻസ് കാലയളവ്	28/04/2020മുതൽ 31-03-2021 വരെ
ഈടാക്കിയ ലൈസൻസ് ഫീസ്	ഫീസ് –10000/– തൊഴിൽനികുതി –2500/– എച്ച്.പി –4000/
1 march	ആകെ = 16500/-
രസിത് നമ്പർ,തിയതി	<u>120010100011</u> 28/04/2020
ലൈസൻസ് അനുവദിക്കുന്നതിനായി ഹാജരാക്കിയ നിരാക്ഷേപപത്രങ്ങളുടെ വിശദാംശങ്ങൾ	 കേരള സംസ്ഥാന മലനീകരണ നിയന്ത്രണ ബോർഡിന്റെ സർട്ടിഫിക്കറ്റ് പെട്രോളിയം & എക്സ്പൊളോസീവ് സർട്ടിഫിക്കറ്റ്, മൈനിംഗ് &ജിയോളജി വകുപ്പിൽ നിന്നുള്ള ക്വാറി ലീസ് സർട്ടിഫിക്കന്റ് തൊടുപുഴ താലൂക്ക് സർവ്വയെറുടെ സർവ്വേ മാപ്പ്



ലൈസൻസ് താഴെ പറയുന്ന വ്യവസ്ഥകൾ അനുസരിക്കേണ്ടതാകുന്നു

- കേരള പഞ്ചായത്ത് രാജ് ആക്ടും അതേ തുടർന്നുള്ള ചട്ടങ്ങളും ബൈലോകളും അനുസരിച്ചു പ്രവർത്തിക്കേണ്ടതാകുന്നു.
- തൊഴിൽ സ്ഥലവും അതിലുള്ള സാധനസാമഗ്രികളും പഞ്ചായത്തധികാരികൾക്കോ/സെക്രട്ടറി അധികാരപ്പെടുത്തുന്ന മറ്റ് ഉദ്യോഗസ്ഥർക്കോ പരിശോധിക്കുന്നതിന് ലൈസൻസി സൗകര്യം നൽകേണ്ടതും അവർ ആവശ്യപ്പെട്ടാൽ ലൈസൻസ കാണിക്കേതുമാണ്.
- 3. ഏത് സ്ഥലത്തിന്റെ കാര്യത്തിൽ ലൈസൻസ് നൽകിയിരിക്കുന്നവോ ആ സ്ഥലത്ത് എല്ലാവരും കാണത്തക്ക വിധത്തിലുള്ള ഒരു ഭാഗത്ത് ലൈസൻസി തന്റെ പേരും, ലൈസൻസിന്റെ നമ്പരും ഉദ്ദേശവും കാണിക്കുന്ന ഒരു അടയാളപ്പലക വച്ചിരിക്കേണ്ടതാണ്.
- പഞ്ചായത്തിൽ നിന്നും അനുവാദം ലഭിച്ചശേഷമല്ലാതെ തൊഴിൽ സ്ഥലം മാറ്റാൻ പാടില്ലാത്തതും തൊഴിൽ നിർത്തുന്ന പക്ഷം വിവരം മുൻകൂട്ടി പഞ്ചായത്തിൽ അറിയിക്കേണ്ടതുമാകുന്നു.
- 5. തൊഴിൽ സ്ഥലവും പരിസരങ്ങളും വൃത്തിയായും സാംക്രമികരോഗാണുക്കൾ ഉണ്ടാക്കാത്ത വിധത്തിലും പൊതുജനോപദ്രവമാകാത്ത വിധത്തിലും വൃപാരത്തിനു വച്ചിട്ടുള്ള ഭക്ഷണ പദാർത്ഥങ്ങൾ ഈച്ച, അണുക്കൾ, പൊടി മുതലായവയുടെ ശലൃം ഉണ്ടാകാത്ത വിധത്തിലും സൂക്ഷിക്കേണ്ടതാണ്.
- ഒരോ പ്രവർത്തിദിവസത്തിന്റെയും ഒടുവിൽ സ്ഥലം വൃത്തിയാക്കേണ്ടതാണ്.
- 7. ആ സ്ഥലത്തിന്റെയോ പരിസരത്തിന്റെയോ, ഏതെങ്കിലും ഭാഗത്ത് വീഴുകയോ നിക്ഷേപിക്കുകയോ ചെയ്യുന്ന ചപ്പുചവറോ, മൃഗങ്ങളുടെ അവശിഷ്ടങ്ങളോ മറ്റ് പദാർത്ഥമോ ശേഖരിച്ച്, സെക്രട്ടറിക്ക് തൃപ്തികരമായ രീതിയിൽ നീക്കം ചെയ്യിക്കേണ്ടതാണ്.
- ഏതെങ്കിലും തരത്തിലുള്ള തക്ക് രോഗമോ കുഷ്ഠ രോഗമോ വ്രണമോ പകർച്ച വ്യാധികളോ ഉള്ള യാതൊരാളും കച്ചവടം നടത്തുന്നതിന് ഉപയോഗിക്കുന്ന സ്ഥലത്തും പരിസരത്തും പ്രവർത്തിക്കുവാൻ പാടില്ലാത്തതാകുന്നു.
- 9. 40 മൈക്രോണിൽ കുറവുള്ള പ്ലാസ്റ്റിക്കുകളും മറ്റ് നിരോധിത പ്ലാസ്റ്റിക് ഇനങ്ങളും ഉൽപ്പാദിപ്പിക്കുകയോ ശേഖരിക്കുകയോ വിൽക്കുകയോ കൈകാര്യം ചെയ്യുകയോ ചെയ്യാൻ പാടില്ല.
- 10. സ്ഥാപനത്തിന്റെ ബോർഡിൽ സ്ഥലനാമം മലയാളത്തിലും ഇംഗ്ലീഷിലും രേഖപ്പെടുത്തേതാണ്.20 സീറ്റിൽ കൂടുതലുള്ള എല്ലാ ഹോട്ടലുകൾക്കും റെസ്റ്റോറന്റുകൾക്കും ടോയ്ലറ്റ് സൗകര്യം ഏർപ്പെടുത്തേണ്ടതാണ്.
- 11. ലൈസൻസി ഏതൊരു കെട്ടിടത്തിന്റെയും ചുവരുകളുടെ അകവശത്തിന്റെ ഏതൊരു ഭാഗവും മേൽപറഞ്ഞ പരിസരത്തിലുള്ള തറയുംനടപ്പാതയും അവിടെ തെറിച്ചുവീഴാനിടയുള്ള ഏതെങ്കിലും ദ്രാവകമോ, മാലിന്യമോ, ചപ്പുചവറോ, അസഹൃവും, ഉപദ്രവകരവുമാഏതെങ്കിലും പദാർത്ഥമോ അവിടെ ലയിക്കുന്നത് തടയത്തക്കവിധം എപ്പോഴും നന്നായി കേടുപാട് തീർത്ത് നിലനിർത്തേതാണ്.
- ലൈസൻസി മേൽപറഞ്ഞ സ്ഥലത്തോ, പരിസരത്തോ അതോടു ചേർന്നോ ഉള്ള ഏതൊരു ഓവുചാലും, അഴുക്കുജലം കളയുന്നതിനുള്ള ഉപകരണവും എപ്പോഴും നന്നായി കേടുപാട് തീർത്ത് വയ്പിക്കേണ്ടതാണ്.
- 13. തൊഴിൽ സ്ഥലവും പരിസരങ്ങളും വൃത്തിയായും സാംക്രമികരോഗാണുക്കൾ ഉണ്ടാക്കാത്ത വിധത്തിലും പൊതുജനോപദ്രവമാകാത്ത വിധത്തിലും വ്യപാരത്തിനു വച്ചിട്ടുള്ള ഭക്ഷണപദാർത്ഥങ്ങൾ ഈച്ച, അണുക്കൾ, പൊടി മുതലായവയുടെ ശല്യം ഉണ്ടാകാത്ത വിധത്തിലും സൂക്ഷിക്കേണ്ടതാണ്.
- 14. ഒരോ പ്രവർത്തിദിവസത്തിന്റെയും ഒടുവിൽ സ്ഥലം വൃത്തിയാക്കേതാണ്.
- നിരോധിത ഉൽപന്നങ്ങളായ പാൻമസാല, ഗുഡ്ഖ തുടങ്ങിയവ സംഭരിച്ചുവയിക്കുവാനോ വിൽക്കുവാനോ പാടില്ല.
- 16. ബാലവേല അനുവദിക്കാൻ പാടില്ല.
- 17. പൊടിപടലങ്ങൾ നിയന്തിക്കുന്നതിനായി സമയാസമയങ്ങളിൽ വെള്ളം നനയ്ക്കണം.
- 18. സ്ഫോടന സമയത്ത് ചീളുകൾ ദുരേയ്ക്ക്തെറിച്ച് വീഴാതിരിക്കാൻ മണൽ ചാക്കുകൾ അടുക്കി ആവശ്യമായ സുരക്ഷ് ഒരുകികണം.
- സ്ഫോടന സമയത്തിന് മുൻപ് സമീപവാസികളെ അറിയിക്കുന്നതിനായി സൈറൺ മുഴുക്കണം.

Tomalo	ത്രത്തര	absect
	Proved sets of PDCA	
him-apt-4	steament) he	and Cale

- സ്ഫോടന സമയവും,എണ്ണവും മറ്റും പൊതുജനങ്ങൾ കാണത്തക്കവിധം എഴുതി പ്രദർശിപ്പിക്കണം.
- ക്വോറിയിലേയ്ക്കുള്ള റോഡുകളിൽ വാഹനം വാഹനം ഓടി പൊടിപടലങ്ങൾ പറക്കാതിരിക്കാൻ വെള്ളം നനയ്ക്കണം.
- 22. ജീവനക്കാർക്ക് ആവശ്യമായ പ്രഥമ ചികത്സ സംവിധാനങ്ങൾ പ്രാഥമികാവശ്യങ്ങൾക്കുള്ള ടോയ്ലറ്റ്കളും ക്രമീകരിക്കണം.
- 23. ഇതര സരസ്ഥാന തൊഴിലാളികളെ ജോലിക്കായി നിയോഗിക്കുമ്പോൾ അവരുടെ വിവരങ്ങൾ പി.എച്ച്.സിയെ രേഖാമൂലം അറിയിക്കണം.
- 24. Blasters Certificate ലൈസൻസ് ഉള്ള വൃക്തികളെകൊണ്ട് മാത്രമേ പാറപ്പൊട്ടിക്കുവാൻ പാടുള്ളു
- ലൈസൻസിനായി സമർപ്പിച്ചിട്ടുള്ള അപേക്ഷയോടൊപ്പം ഹാജരാക്കിയിട്ടുള്ള വിവിധ വകുപ്പുകളുടെ നിരാക്ഷേപ സാക്ഷ്യപത്രത്തിൽ പറഞ്ഞിട്ടുള്ള സർവ്വേ നമ്പരുകളിൽ മാത്രം ക്വാറി നടത്തേണ്ടതാണ്.
- 26. മുകളിൽ കാണിച്ചിരിക്കുന്ന വ്യവസ്ഥകളുടെ ലംഘനം ഈ ലൈസൻസ് റദ്ദ് ചെയ്യപ്പെടുന്നതിന് കാരണമാകാവുന്നതാണ്.
- 27. കാലാവധി തീരുന്നതിന് 30 ദിവസം മുമ്പായി ലൈസൻസ് പുതുക്കുന്നതിന് അപേക്ഷ സമർപ്പിക്കേണ്ടതാണ്

Canoras

സെക്രട്ടറ

ആലക്കോട് ഗ്രാമപഞ്ചായത്ത്

രാജമോഹനൻ പി.എസ്. സെക്രട്ടറി ആഖരോട് ഗ്രാപഞ്ചായത്ത് ഇടുമ്പെടിപ്പം ടേട്ടടെ, കലയന്താനി പി.ഒ. ഫോൺ : 04862 - 276246, മൊ. 9498045061