

AGENDA & MINUTES - SIXTY SEVENTH MEETING OF THE STATE LEVEL EXPERT APPRAISAL COMMITTEE (SEAC), TAMILNADU, CHENNAI-15 HELD ON 25th & 26th SEPTEMBER 2015

25th SEPTEMBER 2015 (Day-1 Friday)

Item No.	File No	Agenda	Minutes																								
1.	1.A	Confirmation of the minutes of 66 th SEAC meeting held on 09.09.2015.	The Chairman welcomed the Members of the SEAC for the 67th meeting. The minutes of 66th SEAC meeting were discussed and confirmed																								
	1.B	Note on Status of proposal waiting NOC from national board for wildlife (NBWL), Government of India	<p>The application received for all mining activity were appraised and recommended in the previous SEAC meeting with a condition that prior clearance from the standing committee of NBWL shall be obtained before starting the quarrying operation if the project site is located within 10km from the protected area.</p> <p>Now the ministry of environment and forest and climate change ,Government of India ,in its Office Memorandum dated 30.03.2015 has revised its stand and stated that a specific condition shall be stipulated that the Environmental Clearance is issued to their obtaining prior clearance from Forestry and Wildlife angle including clearance from the obtaining committee of the National Board for Wildlife as Applicable.</p> <p>SEAC resolved to adopt the above procedure.</p>																								
2.	683	Proposed Project seeking Environmental Clearance for proposed Integrated Textile Silk Park by M/S.Perarignar Anna Handloom Silk Park Ltd, at S.F.No.3/3B, Kilkadhirpur village, Kancheepuram Taluk & District under category B and schedule no. 7(c) & 7 (h).	<p>The Project Proponent of "The Perarignar Anna Handloom Silk Park Limited" submitted application in Form-1, Prefeasibility Report to SEIAA-TN on 20.12.2012 for obtaining Environmental Clearance for the project proposal of Integrated Textile Park for textile dyeing units at S.F.No.3/3B, Kilkathirpur Village, Kancheepuram Taluk & District as below with total built up area of 57,263.25 Sq.mt in total plot area of 30.35 Ha.</p> <table border="1"> <thead> <tr> <th>Sl. No</th><th>Activity</th><th>No.of Sheds</th><th>Production capacity per annum</th></tr> </thead> <tbody> <tr> <td>1.</td><td>Silk loom Sheds</td><td>24</td><td>1.62 Lacs. Nos</td></tr> <tr> <td>2.</td><td>Silk dyeing shed</td><td>22</td><td>1000 Tonnes</td></tr> <tr> <td>3.</td><td>Cotton dying shed</td><td>54</td><td>15000 Tonnes</td></tr> <tr> <td>4.</td><td>Embroidery shed & Readymade shed</td><td>5</td><td>17000 Pieces</td></tr> <tr> <td>5.</td><td>Cotton warping & sizing sheds</td><td>10</td><td>12,000 Tonnes</td></tr> </tbody> </table> <p>The proposal was placed in the 36th SEAC meeting held on 22.02.2013 .TOR was prescribed with exemption from Public hearing since the land for the site was notified by the State Government.The SEIAA-TN referred back the proposal to SEAC for clarification on Exemption from PC. The SEAC in the 38th meeting held on 22.03.2013 decided to stand on its decision for</p>	Sl. No	Activity	No.of Sheds	Production capacity per annum	1.	Silk loom Sheds	24	1.62 Lacs. Nos	2.	Silk dyeing shed	22	1000 Tonnes	3.	Cotton dying shed	54	15000 Tonnes	4.	Embroidery shed & Readymade shed	5	17000 Pieces	5.	Cotton warping & sizing sheds	10	12,000 Tonnes
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			<p>issue of TOR with exemption from Public Hearing.</p> <p>However the SEIAA in its 68th meeting held on 15.04.2013 decided to Issue TOR with PC, since the proposal is not located in Industrial Estate or Industrial Park notified by the Government. TOR was prescribed by SEIAA-TN for the project vide letter no. SEIAA-TN/F.No.683/M-XXXVI/TOR-111/2012 dated 15.04.2013 under item No.7(c) & 7(h) of the Schedule to EIA Notification 2006 with Public consultation. Additional condition was imposed that the proponent shall obtain and furnish exemption from the State Government exempting this proposed activity from the purview of the G.O.Ms.No.127 / E&F Department dated 08.05.98 while submitting the EIA report, since the proposed site is at distance 1.559 Km from the River Palar which is a notified River as per G.O.Ms.No.127/E&F Department dated 08.05.98 .</p> <p>As the G.O Relaxation from the State Government was under process, the Public Hearing & EIA were not completed; the validity period of TOR expired on 14.04.2015. Hence Project Proponent has requested for TOR Extension. As per the Ministry of Environment, Forest and Climate Change Impact Assessment Division, Government of India, Circular Memo No.J-11013/41/2006-Ia-II(I) (Part) dated 7th November, 2015 “ All the projects which have been recommended by the Expert Appraisal Committee (EAC) shall be considered by the Competent Authority even if the data collected has become more than three years old as the ToRs itself used to have three years validity and extendable by one more year”and the other stipulations stated in the Office Memorandum dated 22.08.2014 will continue to apply.</p> <p>Based on the Justification and details submitted by the project proponent, the subject was placed in the 67th SEAC meeting held on 25.09.2015 and the Committee after having a detailed discussion decided to recommend for extension of TOR for another period of one year, i.e up to 13.04.2016, subject to the earlier terms and conditions to submit the final EIA report with minutes of Public Hearing minutes from TNPCB.</p>
3	3730	<p>Proposed project seeking EC for setting up of Solvent Production Plant, at R.S.no. 432/2B, 433/2, 439/2 Mullakadu village, Thoothukudi Taluk & District under Category “B 1” and schedule S.No. 5(f)) by Heavy Water Division), Tuticorin</p>	<p>The Project Proponent submitted application in Form-1, Prefeasibility Report to SEIAA-TN on 29.08.2015 for obtaining Environmental Clearance for the project proposal of setting up of Solvent Production Plant, at Mullakadu village, Thoothukudi Taluk & District under Category “B 1” and schedule S.No. 5(f)) for Issue of TOR.</p> <p>The Solvent Production Plant (SPP), Heavy Water Plant, Tuticorin is proposed to be set up at RS. No. 432/2B, 433/2, 439/2 Mullakkadu Part -I village, Thoothukudi Taluk and District, within the existing premises of the Heavy Water Plant (Tuticorin), at an estimated project cost of Rs 38 crores, for the manufacture of the following solvents:</p> <ol style="list-style-type: none"> 1. Tri Iso Amyl Phosphate (TiAP) – 35 MT per Annum (MTPA). 2. Monoester of 2 Ethyl Hexyl Phosphonic Acid (D2EHPA – II) – 12 MTPA. 3. Di- Hexyl Octanamide (DHOA) – 30 MTPA. 4. Tri Octyl Phosphine Oxide (TOPO) – 15 MTPA. 5. Tri Butyl Phosphate (TBP) – 150 MTPA.

			<p>The area of the project is 4185 sq.mts. The land use is classified as General Industrial use zone. This unit is a constituent of Heavy Water Board (HWB), under the Department of Atomic Energy (DAE).</p> <p>The unit was addressed vide SEIAA -TN letter dated 22.09.2015 to file fresh application for project as whole including existing premises. The unit furnished reply dated 22.09.2015 stating that the two are functionally different projects.</p> <p>The proposal was placed in the 67th SEAC meeting held on 25.09.2015 for scoping and after presentation by the project proponent, and detailed discussion, the SEAC observed that the project falls under Category 'B' and schedule no-5(f) as per MoEF&CC Notification amendment to S.O 1599E dated 25TH June 2014 -(ii) Small units with water consumption <25m³/day , fuel consumption < 25 TPD and not covered in the category of MAH units as per the Management, Storage and Import of Hazardous Chemicals Rules 1989.-GC shall apply, and <i>prescribed TOR with Public Hearing</i> as per Annexure- I ,with following additional TORs .</p> <ol style="list-style-type: none"> 1. The proponent shall furnish Undertaking that the Existing Heavy Water Plant unit is dis-functional and if proposed to restart shall make fresh application for obtaining Environmental Clearance for entire project as whole. <p><u>Annexure-I[f 3730]</u> 5(f): STANDARD TERMS OF REFERENCE FOR CONDUCTING ENVIRONMENT IMPACT ASSESSMENT STUDY FOR SYNTHETIC ORGANIC CHEMICALS INDUSTRY (DYES & DYE INTERMEDIATES; BULK DRUGS AND INTERMEDIATES EXCLUDING DRUG FORMULATIONS; SYNTHETIC RUBBERS; BASIC ORGANIC CHEMICALS, OTHER SYNTHETIC ORGANIC CHEMICALS AND CHEMICAL INTERMEDIATES) AND INFORMATION TO BE INCLUDED IN EIA/EMP REPORT A. STANDARD TERMS OF REFERENCE</p> <ol style="list-style-type: none"> 1) Executive Summary 2) Introduction <ol style="list-style-type: none"> i. Details of the EIA Consultant including NABET accreditation ii. Information about the project proponent iii. Importance and benefits of the project 3) Project Description <ol style="list-style-type: none"> i. Cost of project and time of completion. ii. Products with capacities for the proposed project. iii. If expansion project, details of existing products with capacities and whether adequate land is available for expansion, reference of earlier EC if any. iv. List of raw materials required and their source along with mode of transportation. v. Other chemicals and materials required with quantities and storage capacities vi. Details of Emission, effluents, hazardous waste generation and their management. vii. Requirement of water, power, with source of supply, status of
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			<p>water and reduce the water requirement from other sources.</p> <p>xi. Total capital cost and recurring cost/annum for environmental pollution control measures shall be included.</p> <p>xii. Action plan for post-project environmental monitoring shall be submitted.</p> <p>xiii. Onsite and Offsite Disaster (natural and Man-made) Preparedness and Emergency Management Plan including Risk Assessment and damage control. Disaster management plan should be linked with District Disaster Management Plan.</p> <p>8) Occupational health</p> <p>i. Plan and fund allocation to ensure the occupational health & safety of all contract and casual workers</p> <p>ii. Details of exposure specific health status evaluation of worker. If the workers' health is being evaluated by pre designed format, chest x rays, Audiometry, Spirometry, Vision testing (Far & Near vision, colour vision and any other ocular defect) ECG, during pre placement and periodical examinations give the details of the same. Details regarding last month analyzed data of above mentioned parameters as per age, sex, duration of exposure and department wise.</p> <p>iii. Details of existing Occupational & Safety Hazards. What are the exposure levels of hazards and whether they are within Permissible Exposure level (PEL). If these are not within PEL, what measures the company has adopted to keep them within PEL so that health of the workers can be preserved</p> <p>iv. Annual report of health status of workers with special reference to Occupational Health and Safety.</p> <p>9) Corporate Environment Policy</p> <p>i. Does the company have a well laid down Environment Policy approved by its Board of Directors? If so, it may be detailed in the EIA report.</p> <p>ii. Does the Environment Policy prescribe for standard operating process / procedures to bring into focus any infringement / deviation / violation of the environmental or forest norms / conditions? If so, it may be detailed in the EIA.</p> <p>iii. What is the hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the environmental clearance conditions? Details of this system may be given.</p> <p>iv. Does the company have system of reporting of non compliances / violations of environmental norms to the Board of Directors of the company and / or shareholders or stakeholders at large? This reporting mechanism shall be detailed in the EIA report</p> <p>10) Details regarding infrastructure facilities such as sanitation, fuel, restroom etc. to be provided to the labour force during construction as well as to the casual workers including truck drivers during operation phase.</p> <p>11) Enterprise Social Commitment (ESC)</p> <p>i. Adequate funds (at least 2.5 % of the project cost) shall be earmarked towards the Enterprise Social Commitment based on Public Hearing issues and item-wise details along with time bound action plan shall be included. Socio-economic development activities need to be elaborated upon.</p> <p>12) Any litigation pending against the project and/or any</p>
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			<p>direction/order passed by any Court of Law against the project, if so, details thereof shall also be included. Has the unit received any notice under the Section 5 of Environment (Protection) Act, 1986 or relevant Sections of Air and Water Acts? If so, details thereof and compliance / ATR to the notice(s) and present status of the case.</p> <p>13) A tabular chart with index for point wise compliance of above TOR.</p>
4	2952	<p>Project proposal seeking E C for Proposed Intra - State Canal link project of the Ponnaiyar (Nedungal), Krishnagiri District to Palar Basin, Vanyambadi Taluk, Vellore District in Tamilnadu State under category 1(C) (ii)-River valley and Irrigation projects by The PWD Department.</p>	<p>The project proponent submitted application seeking EC for the proposal Ponnaiyar (Nedungal)-Palar Intra State Link project of Tamilnadu on 09.07.2015 with processing fees. The proposal is to construct a 54.15 km long link canal to transfer 99 Million cubic metres of flood flow waters (available at Krishnagiri Dam at 50% dependability) from Nedungal Anicut (located 16 km downstream of Krishnagiri dam) on Ponnaiyar River in Krishnagiri District to Kal-ar River which is a tributary of Palar River near Natrampalli village in Vellore District, for improving ground water potential to stabilize the existing command areas being irrigated through open wells and bore wells in Vaniyambadi Taluk of Vellore district in Palar basin along with enroute irrigation proposed in Krishnagiri & Vellore districts.</p> <p>It is a link canal project for diverting flood flows of Ponnaiyar river to stabilize existing irrigation to the extent of 9500 ha. The off-take point of canal is at a distance of about 14 km, from Krishnagiri district Head quarters. The outfall point of the canal is at a distance of 2 km from Natrampalli. The link canal off-taking from the existing Nedungal anicut is seen as more viable. A total land of about 370 ha will have to be acquired for the link canal project for the proposed main canal. The land acquisition involves mostly patta land consisting of garden & agricultural land under rain fed agriculture. Against this, annual Irrigation in about 9500 ha of CCA, will be stabilized (7600 ha in Vellore district which is presently being irrigated by open Wells and Bore wells and 1900 ha of enroute irrigation in Krishnagiri & Vellore districts). The time-Schedule for the construction of this Project is Four Years.</p> <p>Further Salient Points:</p> <ul style="list-style-type: none"> ❖ No underground works such as mining or tunnelling is to be undertaken. ❖ No existing Transmission lines or pipelines likely to be affected. ❖ New Transmission lines / arrangements will be required for integrating the Solar Power to be produced with existing grid. ❖ Manpower from local area to be used. ❖ Nearby Rock & stone Quarries to be utilised for Material required during construction. ❖ Electrical energy required to be met through DG sets. ❖ Dam Break analysis of existing Krishnagiri Dam to be undertaken. ❖ R & R is to be Considered.

			<p>❖ It is reported that there is no Wildlife Sanctuary/National park etc under the Wild life Protection Act 1972 within 10 Km in proposed project.</p> <p>The proposal was placed in the 67th SEAC meeting for scoping and after presentation by the project proponent, the SEAC after detailed discussion decided observed that the project falls under category B, schedule No-1(C)(ii)-Irrigation project and prescribed Standard Terms of Reference[ToR] as per <i>Annexure-I</i> along with the following additional TORS 1 and with Public Hearing.</p> <ol style="list-style-type: none"> 1. To conduct detailed Ecological Studies for three seasons to ascertain the status of biodiversity in the project area as well as the study area. 2. Baseline Environmental Data for 3 seasons shall be collected in uniformly/ equally distributed in all locations in the project area 3. Since R & R is involved, Social Impact Assessment will be covered as a part of CEIA study. 4. During impact study,any existing ground water pollution in Palar river basin to be examined. 5. A careful analysis of the Ecosystem shall be carried out 6. The baseline data collected at beginning of study shall be correlated with data at end of study period and presented. <p>Annexure- I[f2952] STANDARD TERMS OF REFERENCE (TOR) FOR EIA/EMP REPORT FOR PROJECTS/ ACTIVITIES REQUIRING ENVIRONMENT CLEARANCE 1(c)(ii):STANDARD TERMS OF REFERENCE FOR CONDUCTING ENVIRONMENT IMPACT ASSESSMENT STUDY FOR RIVER VALLEY PROJECTS AND INFORMATION TO BE INCLUDED IN EIA/EMP REPORT</p> <ol style="list-style-type: none"> 1. Executive summary of the project. 2. Justification of the project. 3. Project location and plant layout. 4. Details of the alternate sites considered, the relative merits and demerits and the reasons for selecting the proposed project site. 5. Promoters and their back ground. 6. Regulatory framework. <ul style="list-style-type: none"> ▪ Does the company have a well laid down Environment Policy approved by its Board of Directors? If so, it may be detailed in the EIA report. ▪ Does the Environment Policy prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the
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			<p>environmental or forest norms / conditions? If so, it may be detailed in the EIA.</p> <ul style="list-style-type: none"> ▪ What is the hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions? Details of this system may be given. ▪ Does the company have a system of reporting of non compliances / violations of environmental norms to the Board of Directors of the company and / or shareholders or stakeholders at large? This reporting mechanism should be detailed in the EIA report. <p>(1) Scope of EIA Study: The EIA Report should identify the relevant environmental concerns and focus on potential impacts that may change due to the construction of proposed project. Based on the baseline data collected for three (3) seasons (Pre-monsoon, Monsoon and Winter seasons), the status of the existing environment in the area and capacity to bear the impact on this should be analysed. Based on this analysis, the mitigation measures for minimizing the impact shall be suggested in the EIA/EMP study.</p> <p>(2) Details of the Project and Site</p> <ol style="list-style-type: none"> i. .. General introduction about the proposed project. ii. .. Details of Project and site giving L-Sections of all U/S and D/S Projects with all relevant maps and figures. Connect such information as to establish the total length of interference of Natural River and the committed unrestricted release from the site of Dam/Barrage into the main river. iii. .. A map of boundary of the project site giving details of protected areas in the vicinity of 25 km of project location. iv. .. Location details on a map of the project area with contours indicating main project features. The project layout shall be superimposed on a contour map of ground elevation showing main project features (viz. location of dam, Head works, main canal, branch canals, quarrying etc.) shall be depicted in a scaled map. v. .. Layout details and map of the project along with contours with project components clearly marked with proper scale maps of at least 1:50,000 scale and printed at least on A3 scale for clarity. vi. .. Existence of National Park, Sanctuary, Biosphere Reserve etc. in the study area, if any, should be detailed and presented on a map with distinct distances from the project components. vii. .. Drainage pattern and map of the river catchment up to the proposed project site. viii. .. Delineation of critically degraded areas in the directly draining catchment on the basis of Silt Yield ix. Index as per the methodology of Soil and Land use Survey of India. x. .. Soil characteristics and map of the project area. xi. .. Geological and Seismo-tectonic details and maps of the area surrounding the proposed project site showing
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			<p>location of dam site and canal sites.</p> <p>xii. .. Remote Sensing studies, interpretation of satellite imagery, topographic sheets along with ground verification shall be used to develop the land use/land cover pattern of the study using overlaying mapping techniques viz. Geographic Information System (GIS), False Color Composite (FCC) generated from satellite data of project area.</p> <p>xiii. .. Land details including forests, private and other land.</p> <p>xiv. .. Demarcation of rain fed areas for a realistic estimate of the water availability.</p> <p>(3) Description of Environment and Baseline Data To know the present status of environment in the area, baseline data with respect to environmental components air, water, noise, soil, land and biology & biodiversity (flora & fauna), wildlife, socioeconomic status etc. should be collected within 10 km radius of the main components of the project/site i.e. dam site and power house site. The air quality and noise are to be monitored at such locations which are environmentally & ecologically more sensitive in the study area. The baseline studies should be collected for 1 season (Preferably Monsoon season). Flora-Fauna in the catchment and command area should be documented. The study area should comprise of the following:</p> <ol style="list-style-type: none"> .. Catchment area up to the dam/barrage site. .. Submergence Area. .. Project area or the direct impact area should comprise of area within 10 km radius of the main project components like dam, canals etc. .. Downstream upto 10 km from the tip of the reservoir. <p>(4) Details of the Methodology The methodology followed for collection of base line data along with details of number of samples and their locations in the map should be included. Study area should be demarcated properly on the appropriate scale map. Sampling sites should be depicted on map for each parameter with proper legends. For Forest Classification, Champion and Seth (1968) methodology should be followed.</p> <p>(5) Methodology for Collection of Biodiversity Data</p> <ol style="list-style-type: none"> .. The number of sampling locations should be adequate to get a reasonable idea of the diversity and other attributes of flora and fauna. The guiding principles should be the size of the study area (larger area should have larger number of sampling locations) and inherent diversity at the location, as known from secondary sources (e.g. eastern Himalayan and low altitude sites should have a larger number of sampling locations owing to higher diversity). .. The entire area should be divided in grids of 5kmX5km preferably on a GIS domain. There after 25% of the grids should be randomly selected for sampling of which half should be in the directly affected area (grids including project components such as reservoir, dam, powerhouse, tunnel, canal etc.) and the remaining in the rest of the area (areas of influence in 10 km radius form project
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			<p>components). At such chosen location, the size and number of sampling units (e.g. quadrates in case of flora/transects in case of fauna) must be decided by species area curves and the details of the same (graphs and cumulative number of species in a tabulated form) should be provided in the EIA report. Some of the grids on the edges may not be completely overlapping with the study area boundaries. However these should be counted and considered for selecting 25% of the grids. The number of grids to be surveyed may come out as a decimal number (i.e. it has an integral and a fractional part) which should be rounded to the next whole number,</p> <p>iii. .. The conventional sampling is likely to miss the presence of rare, endangered and threatened (r.e.t.) species since they often occur in low densities and in case of faunal species are usually secretive in behaviour. Reaching the conclusion about the absence of such species in the study area based on such methodology is misleading. It is very important to document the status of such species owing to their high conservation value. Hence likely presence of such species should be ascertained from secondary sources by a proper literature survey for the said area including referring to field guides which are now available for many taxonomic groups in India. Even literature from studies/surveys in the larger landscapes which include the study area for the concerned project must be referred to, since most species from adjoining catchments is likely to be present in the catchments in question. In fact such literature from the entire state can be referred to. Once a listing of possible r.e.t. species from the said area is developed, species specific methodologies should be adopted to ascertain their presence in the study area which would be far more conclusive as compared to the conventional sampling. If the need be, modern methods like camera trapping can be resorted to, particularly for areas in the eastern Himalayas and for secretive/nocturnal species. A detailed listing of the literature referred to, for developing lists of r.e.t. species should be provided in the EIA reports.</p> <p>iv. .. The R.E.T. species referred to in this point should include species listed in Schedule I and II of Wildlife (Protection) Act, 1972 and those listed in the red data books (BSI, ZSI and IUCN).</p> <p>(6) Components of the EIA Study Various aspects to be studied and provided in the EIA/EMP report are as follows: A. Physical and Chemical Environment Geological & Geophysical Aspects and Seismo- Tectonics:</p> <p>i. .. Physical geography, Topography, Regional Geological aspects and structure of the Catchment.</p> <p>ii. .. Tectonics, seismicity and history of past earthquakes in the area. A site specific study of the earthquake parameters will be done. The results of the site specific earthquake design shall be sent for approval of the NCSDP (National Committee of Seismic Design</p>
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			<p>Parameters, Central water Commission, New Delhi for large dams.</p> <p>iii. .. Landslide zone or area prone to landslide existing in the study area should be examined.</p> <p>iv. .. Presence of important economic mineral deposit, if any.</p> <p>v. .. Justification for location & execution of the project in relation to structural components (dam / barrage height).</p> <p>vi. .. Impact of project on geological environment.</p> <p>Meteorology, Air and Noise:</p> <p>vii. .. Meteorology (viz. Temperature, Relative humidity, wind speed/direction etc.) to be collected from nearest IMD station.</p> <p>viii. .. Ambient Air Quality with parameters viz. Suspended Particulate Matter (SPM), Respirable Suspended Particulate Matter (RSPM) i.e. suspended particulate materials < 10 microns, Sulphur dioxide (SO₂) and Oxides of Nitrogen (NO_x) in the study area at 5-6 Locations.</p> <p>ix. .. Existing Noise Levels and traffic density in the study area at 5-6 Locations.</p> <p>x. Soil Characteristics:</p> <p>xi. .. Soil classification, physical parameters (viz., texture, Porosity, Bulk Density and water holding capacity) and chemical parameters (viz. pH, electrical conductivity, magnesium, calcium, total alkalinity, chlorides, sodium, potassium, organic carbon, available potassium, available phosphorus, SAR, nitrogen and salinity, etc.) at @ one sample/ha of command area.</p> <p>xii. Remote Sensing and GIS Studies:</p> <p>xiii. .. Generation of thematic maps viz, slope map, drainage map, soil map, land use and land cover map, etc. Based on these, thematic maps, an erosion intensity map should be prepared.</p> <p>xiv. .. New configuration map to be given in the EIA Report.</p> <p>xv. Water Quality</p> <p>xvi. .. History of the ground water table fluctuation in the study area.</p> <p>xvii. .. Water Quality for both surface water and ground water for [i] Physical parameters (pH, Temperature, Electrical Conductivity, TSS); [ii] Chemical parameters (Alkalinity, Hardness, BOD, COD, NO₃, PO₄, Cl, So₄, Na, K, Ca, Mg, Silica, Oil & grease, phenolic compounds, residual sodium carbonate);</p> <p>xviii. [iii] Bacteriological parameter (MPN, Total coliform); and [iv] Heavy Metals (Pb, As, Hg, Cd, Cr- 6, Total Cr, Cu, Zn, Fe) at minimum 10 Locations, however, the sampling numbers should be increased depending on the command area.</p> <p>xix. .. Delineation of sub and micro watersheds, their locations and extent based on the Soil and Land Use Survey of India (SLUSOI), Department of Agriculture, Government of India. Erosion levels in each micro-watershed and prioritization of micro-watershed through Silt Yield Index (SYI) method of SLUSOI.</p> <p>B. Water Environment & Hydrology</p>
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
			<ul style="list-style-type: none"> i. .. Hydro-Meteorology of the project viz. precipitation (snowfall, rainfall), temperature, relative humidity, etc. Hydro-meteorological studies in the catchment area should be established along-with real time telemetry and data acquisition system for inflows monitoring. ii. .. Run off, discharge, water availability for the project, sedimentation rate, etc. iii. .. Basin Characteristics. iv. .. Catastrophic events like cloud bursts and flash floods, if any, should be documented. v. .. For estimation of Sedimentation Rate, direct sampling of river flow is to be done during the EIA study. The study should be conducted for minimum one year. Actual silt flow rate to be expressed in ha-m km-2 year-1. vi. .. Set-up a G&D monitoring station and a few rain gauge stations in the catchment area for collecting data during the investigation. vii. .. Flow series, 10 daily with 90%, 75% and 50% dependable years discharges. viii. .. Environmental flow release should be 20% of the average of the 4 lean months of 90% dependable year during the lean season and 30% of Monsoon flow during monsoon season. For remaining months, the flow shall be decided by the Committee based on the hydrology and available discharge. ix. .. A site specific study on minimum environment flow should be carried out. <p>C. Biological Environment Flora</p> <ul style="list-style-type: none"> i. .. Characterization of forest types (as per Champion and Seth method) in the study area and extent of each forest type as per the Forest Working Plan. ii. .. General vegetation profile and floral diversity covering all groups of flora including Bryophytes, Pteridophytes, Lichens and Orchids. A species wise list may be provided. iii. .. Assessment of plant species with respect to dominance, density, frequency, abundance, diversity index, similarity index, importance value index [IVI], Shannon Weiner Index etc. of the species to be provided. Methodology used for calculating various diversity indices along with details of locations of quadrats, size of quadrats etc. to be reported within the study area in different ecosystems. iv. .. Existence of National Park, Sanctuary, Biosphere Reserve etc in the study area, if any, should be detailed. v. .. Economically important species like medicinal plants, timber, fuel wood etc. vi. .. Details of endemic species found in the project area. vii. .. Flora under RET categories should be documented using International Union for the Conservation of Nature and Natural Resources (IUCN) criteria and Botanical Survey of India's Red Data list along with economic significance. Species diversity curve for RET species should be given. viii. Fauna
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			<p>ix. .. Fauna study and inventorisation should be carried out for all groups of animals including reptiles and nocturnal animals in the study area. Their present status along with Schedule of the species.</p> <p>x. .. Information (authenticated) on Avi-fauna and wild life in the study area.</p> <p>xi. .. Status of avifauna their resident/migratory/ passage migrants etc.</p> <p>xii. .. Documentation of butterflies, if any, found in the area.</p> <p>xiii. .. Details of endemic species found in the project area.</p> <p>xiv. .. RET species- voucher specimens should be collected along with GPS readings to facilitate</p> <p>xv. rehabilitation. RET faunal species to be classified as per IUCN Red Data list and as per different schedule of Indian Wildlife (Protection) Act, 1972.</p> <p>xvi. .. Existence of barriers and corridors, if any, for wild animals.</p> <p>xvii. .. Compensatory afforestation to compensate the green belt area that will be removed, if any, as part of the proposed project development and loss of biodiversity.</p> <p>xviii. .. For categorization of sub-catchments into various erosion classes and for the consequent CAT plan, the entire catchment (Indian Portion) is to be considered and not only the directly the draining catchment.</p> <p>D. Aquatic Ecology</p> <p>i. .. Documentation of aquatic fauna like macro-invertebrates, zooplankton, phytoplanktons, benthos etc.</p> <p>ii. .. Fish and fisheries, their migration and breeding grounds.</p> <p>iii. .. Fish diversity, composition and maximum length & weight of the measured populations to be studied for estimation of environmental flow.</p> <p>iv. .. Conservation status of aquatic fauna.</p> <p>E. Irrigation and Cropping Pattern</p> <p>i. .. Cropping pattern and Horticultural practices in the study area.</p> <p>ii. .. Collection of primary data on agricultural activity, crop and their productivity and irrigation facilities component.</p> <p>iii. .. Component of pressurized/drip irrigation and micro irrigation.</p> <p>iv. .. Details of Conjunctive use of water for irrigation.</p> <p>F. Socio-Economic</p> <p>i. .. Collection of Baseline data on human settlements, health status of the community and existing infrastructure facilities for social welfare including sources of livelihood, job opportunities and safety and security of workers and surrounding population.</p> <p>ii. .. Collection of information with respect to social awareness about the developmental activity in the area and social welfare measures existing and proposed by project proponent.</p> <p>iii. .. Collection of information on sensitive habitat of historical, cultural and religious and ecological importance.</p> <p>iv. .. The Socio-economic survey/profile within 10 Km of the</p>
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			<p>study area for Demographic profile;</p> <p>v. Economic Structure; Development Profile; Agricultural Practices; Infrastructure, education facilities; health and sanitation facilities; available communication network etc.</p> <p>vi. .. Documentation of Demographic, Ethnographic, Economic structure and development profile of the area</p> <p>vii. .. Information on Agricultural practices, Cultural and aesthetic sites, Infrastructure facilities etc</p> <p>viii. .. Information on the dependence of the local people on minor forest produce and their cattle grazing rights in the forest land.</p> <p>ix. .. List of all the Project Affected Families with their names, education, land holdings, other properties, occupation, source of income, land and other properties to be acquired, etc.</p> <p>x. .. In addition to Socio-economic aspects of the study area, a separate chapter on socio-cultural aspects based upon study on Ethnography of the area should be provided.</p> <p>7. Impact Prediction and Mitigation Measures</p> <p>The adverse impact due to the proposed project should be assessed and effective mitigation steps to abate these impacts should be described.</p> <p>Air Environment</p> <p>i. .. Changes in ambient and ground level concentrations due to total emissions from point, line and area sources</p> <p>ii. .. Effect on soils, material, vegetation and human health .. Impact of emissions from DG sets used for power during the construction, if any, on air environment.</p> <p>iii. .. Pollution due to fuel combustions in equipments & vehicles</p> <p>iv. .. Fugitive emissions from various sources.</p> <p>v. .. Impact on micro climate.</p> <p>vi. Water Environment</p> <p>vii. .. Changes in surface & ground water quality.</p> <p>viii. .. Steps to develop pisci-culture and recreational facilities.</p> <p>ix. .. Changes in hydraulic regime and down stream flow.</p> <p>x. .. Water pollution due to disposal of sewage.</p> <p>xi. .. Water pollution from labour colony/camps and washing equipment.</p> <p>xii. Land Environment</p> <p>xiii. .. Adverse impact on land stability, catchment of soil erosion, reservoir sedimentation and spring flow (if any) [a] due to considerable road construction/widening activity</p> <p>xiv. [b] interference of reservoir with the inflowing streams</p> <p>xv. [c] blasting for excavation of canals and some other structures</p> <p>xvi. .. Changes in land use/land cover and drainage pattern.</p> <p>xvii. .. Immigration of labour population.</p> <p>xviii. .. Quarrying operation and muck disposal.</p> <p>xix. .. Changes in land quality including effects of waste disposal</p> <p>xx. .. River bank and their stability</p> <p>xxi. .. Impact due to submergence.</p>
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			<p>xxii. Biological Environment</p> <p>xxiii. .. Impact on forests, flora, fauna including wildlife, migratory avi-fauna, rare and endangered species, medicinal plants etc.</p> <p>xxiv. .. Pressure on existing natural resources</p> <p>xxv. .. Deforestation and disturbance to wildlife, habitat fragmentation and wild animal's migratory corridors</p> <p>xxvi. .. Compensatory afforestation-Identification of suitable native tree species for compensatory afforestation & green belt.</p> <p>xxvii. .. Impact on fish migration and habitat degradation due to decreased flow of water</p> <p>xxviii. .. Impact on breeding and nesting grounds of animals and fish</p> <p>xxix. Socio-economic Aspects</p> <p>xxx. .. Impact on local community including demographic profile.</p> <p>xxxi. .. Impact on socio-economic status.</p> <p>xxxii. .. Impact on economic status.</p> <p>xxxiii. .. Impact on human health due to water / vector borne disease.</p> <p>xxxiv. .. Impact on increases traffic.</p> <p>xxxv. .. Impact on Holy Places and Tourism.</p> <p>xxxvi. .. Impacts of blasting activity during project construction which generally destabilize the land mass and lead to landslides, damage to properties and drying up of natural springs and cause noise pollution, will be studied. Proper record shall be maintained of the base line information in the post project period.</p> <p>xxxvii. .. Positive as well as negative impacts likely to be accrued due to the project are to be listed.</p> <p>(8) Environment Impact Analysis</p> <p>Environmental Impact Analysis due to the project on the above mentioned components should be carried out for construction and operation phases using qualitative or quantitative methods.</p> <p>(9) Environment Management Plan (EMP)</p> <p>Environmental Management Plan aimed at minimizing the negative impacts of the project should be given in detail. The mitigation measures are to be presented for all the likely adverse impacts on the environment.</p> <p>The following suggestive mitigating plans should be included:</p> <ol style="list-style-type: none"> .. Catchment Area Treatment (CAT) Plan should be prepared micro-watershed wise. Identification of area for treatment based upon Remote Sensing & GIS methodology and Silt Yield Index (SYI) method of SLUSOI coupled with ground survey. Areas/watersheds falling under 'very severe' and 'severe' erosion categories are required to be treated. Both biological and engineering measures should be proposed in consultation with State Forest Department. Year-wise schedule of work and monetary allocation should be provided. CAT plan is to be completed prior to reservoir impoundment. Mitigations measures to check shifting cultivation in the catchment area with provision for alternative and better
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			<p>agricultural practices should be included.</p> <p>iii. .. Command Area Development (CAD) Plan giving details of implementation schedule with a sample CAD plan.</p> <p>iv. .. Compensatory Afforestation in lieu of the forest land required for the project needs to be proposed.</p> <p>v. Choice of plants should be made in consultation with State Forest Department including native and RET species, if any.</p> <p>vi. .. Biodiversity and Wild Life Conservation & Management Plan for conservation and preservation of endemic, rare and endangered species of flora and fauna to be prepared in consultation with State Forest Department.</p> <p>vii. .. Resettlement and Rehabilitation (R&R) Plan need to be prepared with due consultation with Project Affected Families (PAFs). The provision of the d R&R plan should be according to the National Resettlement and Rehabilitation Policy (NRRP-2007) as well as State Resettlement and Rehabilitation Policy. Detailed budgetary estimates are to be provided. Resettlements sites should be identified.</p> <p>viii. .. Plan for Green Belt Development along the periphery of reservoir, colonies, approach road, canals etc. to be prepared in consultation with the State Forest Department. Local plant species suitable for greenbelt development should be selected.</p> <p>ix. .. Reservoir Rim Treatment Plan for stabilization of land slide/land slip zones if any, around the reservoir periphery to be prepared. Suitable engineering and biological measures for treatment of the identified slip zones to be provided with physical and financial schedule.</p> <p>x. .. Plan for Land Restoration and Landscaping of project sites.</p> <p>xi. .. Fisheries Conservation & Management Plan-Fish fauna inhabiting the affected stretch of river, a specific fisheries management plan should be prepared for river and reservoir.</p> <p>xii. .. Muck Disposal Plan- suitable sites for dumping of excavated material should be identified in consultation with the State Pollution Control Board and Forest Department. All Muck disposal sites should be minimum 30 m away from the HFL of river. Plan for rehabilitation of muck disposal sites should also be given. The L- section/ cross section of muck disposal sites and approach roads to be given.</p> <p>xiii. Financial out lay for this may be given separately.</p> <p>xiv. .. Plan for Restoration of quarry sites and landscaping of colony areas, working areas, roads, etc.</p> <p>xv. .. Study of Design Earthquake Parameters: A site specific study of earthquake parameters should be done. The results of the site specific earthquake design parameters should be approved by National Committee of Seismic Design Parameters, Central Water Commission (NCSDP), New Delhi.</p> <p>xvi. .. Dam Break Analysis and Disaster Management Plan: The outputs of Dam Break Model should be illustrated</p>
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			<p>with appropriate graphs and maps clearly bringing out the impact of Dam break scenario.</p> <p>xvii. Provision for early warning systems should be provided.</p> <p>xviii. .. Water and Air Quality & Noise Management Plans to be implemented during construction and post-construction periods.</p> <p>xix. .. Mitigating measures for impacts due to Blasting on the structures in the vicinity.</p> <p>xx. .. Ground Water Management Plan.</p> <p>xxi. .. Public Health Delivery Plan including the provisions for drinking water facility for the local community.</p> <p>xxii. .. Labour Management Plan for their Health and Safety.</p> <p>xxiii. .. Sanitation and Solid Waste Management Plan for domestic waste from colonies and labour camps etc.</p> <p>xxiv. .. Local Area Development Plan to be formulated in consultation with the Revenue Officials and Village Panchayats. Local skill development schemes should be given. Details of various activities to be undertaken along with its financial out lay should be provided.</p> <p>xxv. .. Environmental safeguards during construction activities including Road Construction.</p> <p>xxvi. .. Energy Conservation Measures.</p> <p>xxvii. .. Environmental Monitoring Programme with physical & financial details covering all the aspects of EMP. A summary of cost estimate for all the plans, cost for implementing all Environmental Management Plans including the cost for implementing environmental monitoring programme should be given. Provision for an Environmental Management Cell should be made. In the EMP, also include a sample CAD plan for a distributary outlet command. Such a plan is to show the alignment of irrigation and drainage channels. The components of the OFD works to be undertaken may be clearly mentioned along with a time schedule for their completion vis-vis the progress of irrigation development.</p>
5	4011	<p>Proposed project seeking EC for setting up of Bulk LPG Storage (1800 MT) & LPG throughput of 1,20,000 MTPA through 2 LPG Filling Carousels at S.Fno.B 37/pt to B 43/pt, B 50/pt, B 51/pt, C 30 to 41 etc, SIPCOT Industrial Growth Centre, Gangaikondan Village, Tirunelveli Taluk & District under Category "B 1" and schedule S.No. 6(b) by M/s. Indian Oil Corporation Limited.</p>	<p>This is for seeking Post Facto Environmental Clearance for the proposal of M/s. Indian Oil Corporation Limited , proposed for setting up of Bulk LPG Storage (1800 MT) & LPG throughput of 1,20,000 MTPA through 2 LPG Filling Carousels at S.No.B37/pt to B43/pt, B50/pt, B51/pt, C30 to 41 etc, SIPCOT Industrial Growth Centre, Gangaikondan Village, Tirunelveli Taluk & District.</p> <p>The Project proponent has applied for Environmental Clearance through online portal on 2nd June 2015, to the MoEF&CC, GOI. The project proposal was placed in the EAC meeting held during 20 -21st July 2015 and TOR prescribed vide Lr.No.J-11011/129/2015 - I A-II (I) dated 19th August 2015. Public Consultation was exempted as per para 7(i) III.stge (3)(i) of IA nification 2006, since SIPCOT Industrial Estate is in existence before 2006.</p> <p>The Project proponent informed that Consent to Establish under water and Air Acts was obtained from TNPCB</p>

		<p>vide consent order No.6045 & 5985 dated 18.09.2012. Consent to operate under water Act and Air act was obtained from TNPCB vide Consent Order No.23108 & 19145 dated 07.04.2015 and valid upto 31.03.2016. Final license from PESO, Nagpur is obtained for bulk LPG and filling LPG vide approval S/HO/TN/03/1034 (S5 1373) dated 12.05.2015.</p> <p>Now, Project proponent has submitted Final EIA based on TOR prescribed and seeks post facto Environmental Clearance for the aforesaid project. Total project area is 42 acres of which greenbelt will be developed in 13.86 acres. Cost of project is Rs. 78.58 Crores. It is reported by Project proponent that no National Parks, Wildlife Sanctuaries are located within 10 km distance. Water bodies/Reservoir namely Tamirabarani River (5.9 km), GangaikondanKulam (3.8 km), Indira Kulam (7 km) are located within 10 km distance. Reserve Forests namely, Gangaikondan RF (91 m), Talaiyuthu RF (919 m) and Melpattam RF (6.6 km) are located within 10 km distance. Following is the plant configuration.</p> <p>Following is the plant configuration.</p> <table><tr><th>Sl.No</th><th>Storage</th><th>Quantity</th></tr><tr><td>1.</td><td>Mounded Bullets for LPG Storage</td><td>3x600 MT</td></tr><tr><td>2.</td><td>LPG throughput</td><td>1,20,000 MTPA</td></tr></table> <p>Power consumption will be 450 KVA through TANGEDCO. DG sets (1 x 750 KVA + 1 x 250 KVA) will be installed. Water requirement from SIPCOT water supply will be 4 m³/day.</p> <p>After presentation of EIA by the Project proponent and detailed discussion, the SEAC decided to call for additional details and representation to SEAC after obtaining the same:</p> <ol style="list-style-type: none">Reason for not taking prior EC under provisions of EIA Notification 2006.Undertaking in Affidavit form that there is no notified wildlife Sanctuaries within the 5 Km radius of proposed site, and to furnish correct distance from the 'Gangaikondan Deer Sanctuary' notified under the Wild Life Protection Act 1972. Further if Notified Wildlife Sanctuary, Eco sensitive zone fall within 5Km radius of site, then the project will fall under the Category ' A ' and the project proponent shall approach the MoEF&CC,GOI.The unit shall furnish undertaking with proof that there in 'No violation' of EIA Notification 2006 in the said site.	Sl.No	Storage	Quantity	1.	Mounded Bullets for LPG Storage	3x600 MT	2.	LPG throughput	1,20,000 MTPA
Sl.No	Storage	Quantity									
1.	Mounded Bullets for LPG Storage	3x600 MT									
2.	LPG throughput	1,20,000 MTPA									
6.	3296	<p>Proposed construction of Additional residential & Public Building "Anuvijay Township" by M/s Nuclear</p> <p>The Committee decided to call for representation after obtaining and considering the following details:</p> <ol style="list-style-type: none">Green belt shall be 15% of the total land area exclusive of plantation in the CRZ area. Hence revised land use									

		<p>Power Corporation of India Ltd. Kudankulam Nuclear Power Project at S.Nos. 51 etc., Chettikulam Village, Radhapuram Taluk, Tirunelveli District – Category “B”-8(a) Building and constructions</p>	<p>break-up shall be furnished.</p> <ol style="list-style-type: none"> 2. Compliance report of the Consent to Operate obtained from TNPCB shall be furnished. 3. Detailed study on the Biological environment of the project area shall be studied and reported. 4. Details on the list of native species and number of trees to be planted in the green belt area shall be furnished. 5. Focussed CSR activity with Specific allocation of funds [0.5% of project cost] should include the following: <ol style="list-style-type: none"> a. Establishment of state of art knowledge centre, provision of basic amenities such as drinking water facility, sanitation and solar lighting etc. in the nearby Government school and improvement shall be part CSR activity. Details work plan (Name of the selected nearby school, budget allocation for establishment and maintenance etc) and other details shall be furnished as affidavit. b. Maintenance of lakes/ ponds around the project site. 6. Affidavit in Rs 50 /- stamp paper for the following needs to be furnished: <ul style="list-style-type: none"> • Commitment from the proponent stating the list of activities to be carried out in Commercial area proposed and apart from the listed activities no other activities will be carried out. 7. Detailed report on the Sewage treatment plant, Solid waste Management, quality of treated water from STP of the existing operation shall be furnished. 8. The excess treated water is entirely utilized for Green belt development. Justify the same and also furnish alternative reuse technology for excess treated water. 9. Oil and grease trap design in STP shall be revised and furnished. 10. The details on the functioning of Fresh water management, Sewage disposal, Solid waste management and other environmental management scheme of existing building shall be detailed and report to be furnished. 11. Disaster management plan shall be furnished. 12. Solar power system as an energy conservation method is
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			mandatory; hence details on design calculation and location shall be furnished.
7	3392	Proposed Construction of Residential Building “M/s Tamil Nadu Housing Board” at S.Nos. 337etc., Kodambakkam Village, Kodambakkam Taluk, Chennai District – Category “B”-8(a) Building and constructions	<p>The Committee decided to recommend the proposal for the grant of EC to SEIAA after obtaining and considering the following details,</p> <ol style="list-style-type: none"> 1. Green belt shall be 15% of the total land area. Hence revised land use break-up shall be furnished. 2. The permission letter for disposing the sewage for treatment in the Nesapakkam plant shall be obtained and furnished. 3. Detailed study on the Biological environment of the project area shall be studied and reported. 4. Details on the list of native species and number of trees to be planted in the green belt area shall be furnished. 5. The proponent shall furnish an Affidavit in Rs. 50 stamp paper regarding the sewage disposal in the CMWSSB and Solid waste disposal through Corporation of Chennai. 6. Partly treated water shall be reused and revised water balance shall be furnished. 7. Solar power system as an energy conservation method is mandatory; hence details on design calculation and location shall be furnished. 8. CSR activity shall be 0.5% of the project cost .
8	3897	Proposed Reconstruction of “M/s Tamil Nadu Slum Clearance Board” at S.Nos. 1 etc.,SengulamVillage, TrichyTaluk, TrichyDistrict – Category “B”-8(a) Building and constructions	<p>The Committee decided to recommend the proposal for the grant of EC to SEIAA after obtaining and considering the following details,</p> <ol style="list-style-type: none"> 1. OSR area and green belt area shall be 10 and 15 % respectively.Hence revised land use break-up shall be furnished. 2. Permission letter obtained from Trichy Corporation for Sewage disposal shall be furnished before commencement of the operation of the project. 3. Permission letter obtained from Trichy Corporation for Solid waste disposal shall be furnished before commencement of the operation of the project. 4. Rain water harvesting shall be in accordance with the

			<p>TWAD board conditions and revised report on RWH shall be furnished</p> <ol style="list-style-type: none"> Details on the list of native species and number of trees to be planted in the green belt area shall be furnished. The proponent shall commit on whom the Environmental monitoring plan shall be entrusted. Solar power system as an energy conservation method is mandatory; hence details on design calculation and location shall be furnished. CSR activity shall be 0.5% of the project cost .
9	3898	Proposed Construction of slum tenements "M/s Tamil Nadu Slum clearance Board"at S.Nos. 166 etc., NarasinganallurVillage, TirunelveliTaluk,TirunelveliDi strict – Category "B"-8(a) Building and constructions	<p>The Committee decided to recommend the proposal for the grant of EC to SEIAA after obtaining and considering the following details,</p> <ol style="list-style-type: none"> Green belt shall be 15% of the total land area. Hence revised land use break-up shall be furnished. The treated water from STP shall be used for developing model scheme to grow Canna Plantation. Hence revised water balance shall be furnished. Land use reclassification certificate shall be obtained and furnished. Permission letter obtained from Tirunelveli Corporation for Sewage disposal shall be furnished before commencement of the operation of the project. Permission letter obtained from Tirunelveli Corporation for Solid waste disposal shall be furnished before commencement of the operation of the project. The proponent shall commit on whom the Environmental monitoring plan shall be entrusted. Solar power system as an energy conservation method is mandatory; hence details on design calculation and location shall be furnished. CSR activity shall be 0.5% of the project cost .
10	3417	Proposed Construction of Residential Development "URAPAKAM" by M/s Urban Tree Infrastructures Pvt. Ltd.atS.Nos. 119/1Betc.,	<p>The Committee decided to recommend the proposal for the grant of EC to SEIAA after obtaining and considering the following details,</p>

		<p>Iyyancheri Village, Chengalpet Taluk, Kancheepuram District – Category “B”-8(a) Building and constructions</p>	<ol style="list-style-type: none"> 1. CSR with the specific allocation of funds [0.5% of project cost] for the following needs to be furnished : <ol style="list-style-type: none"> a. Establishment of state of art knowledge centre, provision of basic amenities such as drinking water facility, sanitation and solar lighting etc. in the nearby Government school and improvement and maintenance of lakes/ ponds around the unit shall be part CSR activity. Details work plan (Name of the selected nearby school, budget allocation for establishment and maintenance etc) and other details shall be furnished as affidavit. 2. Land use break up of the project as per norms with percentage shall be furnished. 3. Rain water harvesting shall be based on soil percolation/infiltration test. 4. The proponent shall commit on whom the Environmental monitoring plan shall be entrusted. 5. Solar power system as an energy conservation method is mandatory; hence details on design calculation and location shall be furnished.
11	3522	<p>Proposed Construction of Residential Development “WOW” by M/s Urban Tree Infrastructures Pvt. Ltd.at S.Nos. 429/1D1 etc., Perumbakkam Village, Sholinganallur Taluk, Kancheepuram District – Category “B”-8(a) Building and constructions</p>	<p>The Committee decided to recommend the proposal for the grant of EC to SEIAA after obtaining and considering the following details,</p> <ol style="list-style-type: none"> 1. Details on the list of native species and number of trees to be planted in the green belt area shall be furnished. 2. CSR with the specific allocation of funds [0.5% of project cost] for the following needs to be furnished : <ol style="list-style-type: none"> a. Establishment of state of art knowledge centre, provision of basic amenities such as drinking water facility, sanitation and solar lighting etc. in the nearby Government school and improvement and maintenance of lakes/ ponds around the unit shall be part CSR activity. Details work plan (Name of the selected nearby school, budget allocation for establishment and maintenance etc) and other details shall be furnished as affidavit. 3. Land use break-up of the project as per norms with percentage shall be furnished. 4. Details of the OSR Gift deed shall be furnished. 5. Decentralisation of the Biomethanization plant from the adjacent project” OXYGEN”, so as to enable treatment of Solid waste specific to this proposal. Hence furnish the

			<p>location and design details of the Biomethanization plant.</p> <p>6. The proponent shall commit on whom the Environmental monitoring plan shall be entrusted.</p> <p>7. Solar power system as an energy conservation method is mandatory; hence details on design calculation and location shall be furnished.</p>
12	3706	Proposed Construction of Residential Building "M/s Sterling Estates and Properties Ltd" at S.Nos. 85/1 part etc., Pondur Village, Sriperumbudur Taluk, Kancheepuram District – Category "B"-8(a) Building and constructions	<p>The Committee decided to recommend the proposal for the grant of EC to SEIAA after obtaining and considering the following details,</p> <ol style="list-style-type: none"> 1. Details of wind direction of the project site shall be furnished. 2. Detailed documentation on the Land availability for Avenue plantation with the local Panchayat, permission obtained from local body for disposal of excess treated sewage shall be furnished. 3. Solar power system as an energy conservation method is mandatory; hence details on design calculation and location shall be furnished. 4. CSR activity shall be 0.5% of the project cost .
13	3813	Proposed Construction of Residential Building "Aura Skyline" by M/s PNB Realty Ltd. at S.Nos. 33/2C1 etc., Vengadamangalam Village, Chengalpet Taluk, Kancheepuram District – Category "B"-8(a) Building and constructions	<p>The Committee decided to recommend the proposal for the grant of EC to SEIAA after obtaining and considering the following details,</p> <ol style="list-style-type: none"> 1. Detailed documentation on the Land availability for Avenue plantation with the local Panchayat, permission obtained from local body for disposal of excess treated sewage shall be furnished. 2. Solar power system as an energy conservation method is mandatory; hence details on design calculation and location shall be furnished. 3. CSR activity shall be 0.5% of the project cost .
14	3815	Proposed Construction of Residential Building "M one" by M/s Style One properties Pvt Ltd at S.Nos. 1353/2A etc., Madhavaram Village, Madhavaram Taluk, Thiruvallur District – Category "B"-8(a) Building and constructions	<p>The Committee decided to recommend the proposal for the grant of EC to SEIAA after obtaining and considering the following details,</p> <ol style="list-style-type: none"> 1. Permission letter obtained from CMWSSB for fresh water shall be furnished before commencement of the operation of the project. 2. Permission letter obtained from CMWSSB for excess treated water disposal shall be furnished before

			<p>commencement of the operation of the project.</p> <ol style="list-style-type: none"> 24 hours Noise pollution data of the project site shall be conducted and reported. Details on the list of native species and number of trees to be planted in the green belt area shall be furnished. Solar power system as an energy conservation method is mandatory; hence details on design calculation and location shall be furnished. CSR activity shall be 0.5% of the project cost .
15	3761	Proposed Construction of Residential Building "ELAN" by M/s Casa Grande Pvt Ltd at S.Nos. 163/1etc., Thalambur Village, Thiruporur Taluk, Kancheepuram District – Category "B"-8(a) Building and constructions	<p>The Committee decided to recommend the proposal for the grant of EC to SEIAA after obtaining and considering the following details,</p> <ol style="list-style-type: none"> Detailed documentation on the Land availability for Avenue plantation with the local Panchayat, permission obtained from local body for disposal of excess treated sewage shall be furnished. Solar power system as an energy conservation method is mandatory; hence details on design calculation and location shall be furnished. CSR activity shall be 0.5% of the project cost .
16	3751	Proposed Construction of Residential Complex by "M/s T. V. Sathia Narayana" at S.Nos. 4310/5 etc., Mylapore Village, Triplicane Taluk, Chennai District – Category "B"-8(a) Building and constructions	<p>The Committee decided to recommend the proposal for the grant of EC to SEIAA after obtaining and considering the following details,</p> <ol style="list-style-type: none"> Focussed CSR activity with Specific allocation of funds [0.5% of project cost] should include the following: <ol style="list-style-type: none"> Establishment of state of art knowledge centre, provision of basic amenities such as drinking water facility, sanitation and solar lighting etc. in the nearby Government school and improvement shall be part CSR activity. Details work plan (Name of the selected nearby school, budget allocation for establishment and maintenance etc) and other

			<p>details shall be furnished as affidavit.</p> <p>d. Maintenance of lakes/ ponds around the project site.</p> <p>e. Maintenance of estuaries, shore areas and development of artificial Mangroves.</p> <p>2. Solar power system as an energy conservation method is mandatory; hence details on design calculation and location shall be furnished.</p>
17	3750	Proposed Construction of Residential cum Commercial complex by "M/s SAS Hotels & Enterprises Ltd." at S.Nos. 172/1 etc., Chemmanchery Village, Sholinganallur Taluk, Kancheepuram District – Category "B"-8(a) Building and constructions	<p>The Committee decided to recommend the proposal for the grant of EC to SEIAA after obtaining and considering the following details,</p> <ol style="list-style-type: none"> 1. Solar power system as an energy conservation method is mandatory; hence details on design calculation and location shall be furnished. 2. Affidavit in Rs 50 /- stamp paper for the following needs to be furnished: <ul style="list-style-type: none"> • Commitment from the proponent stating the list of activities to be carried out in Commercial area proposed and apart from the listed activities no other activities will be carried out. 3. CSR activity shall be 0.5% of the project cost .
18	3798	Proposed Construction of Residential cum Commercial "M/s Emerald Heaven Development Ltd" at S.Nos. 66/1B etc., Kolappakkam Village, Chengalpatu Taluk, Kancheepuram District – Category "B"-8(a) Building and constructions- Environmental Clearance - Regarding	<p>The Committee decided to recommend the proposal for the grant of EC to SEIAA after obtaining and considering the following details,</p> <ol style="list-style-type: none"> 1. Solar power system as an energy conservation method is mandatory; hence details on design calculation and location shall be furnished. 2. Detailed documentation on the Land availability for Avenue plantation with the local Panchayat, permission obtained from local body for disposal of excess treated sewage shall be furnished. 3. Affidavit in Rs 50 /- stamp paper for the following needs to be furnished:

			<ul style="list-style-type: none"> Commitment from the proponent stating the list of activities to be carried out in Commercial area proposed and apart from the listed activities no other activities will be carried out. <p>4. CSR activity shall be 0.5% of the project cost.</p>
19	3981	Proposed Construction of Residential Apartment "M/s Developer Group India Pvt. Ltd." at S.Nos. 123/1B etc., Chembarambakkam Village, Poonamallee Taluk, Thiruvallur District – Category "B"-8(a) Building and constructions	<p>The Committee decided to recommend the proposal for the grant of EC to SEIAA after obtaining and considering the following details,</p> <ol style="list-style-type: none"> Solar power system as an energy conservation method is mandatory; hence details on design calculation and location shall be furnished. CSR activity shall be 0.5% of the project cost.
20	3962	Proposed Construction of Residential Project by "Mr.K.Veluchamy" at S.Nos. 78 etc., Madamakkam Village, Tambaram Taluk, Kancheepuram District – Category "B"-8(a) Building and constructions	<p>The Committee decided to recommend the proposal for the grant of EC to SEIAA after obtaining and considering the following details,</p> <ol style="list-style-type: none"> Affidavit in Rs 50 /- stamp paper for the following needs to be furnished: <ul style="list-style-type: none"> Commitment from the proponent stating the list of activities to be carried out in Commercial area proposed and apart from the listed activities no other activities will be carried out. Solar power system as an energy conservation method is mandatory; hence details on design calculation and location shall be furnished. Detailed documentation on the Land availability for Avenue plantation with the local Panchayat, permission obtained from local body for disposal of excess treated sewage shall be furnished. CSR activity shall be 0.5% of the project cost.
21	3797	Proposed Construction of Residential Building "M/s Alliance Business parks Pvt	<p>The Committee decided to recommend the proposal for the grant of EC to SEIAA after obtaining and considering the following</p>

		Ltd & Alliance Projects” at S.Nos. 180/3 part etc., Zamin pallavaram Village, Alandur Taluk, Kancheepuram District – Category “B”-8(a) Building and constructions	<p>details,</p> <ol style="list-style-type: none"> 1. The proponent shall install Organic waste converter for solid waste management and report on design details to be furnished. 2. The proponent shall plant more number of trees on the proposed Green belt area. 3. Focussed CSR activity [0.5% of project cost] should include the following: <ol style="list-style-type: none"> a. Establishment of state of art knowledge centre, provision of basic amenities such as drinking water facility, sanitation and solar lighting etc. in the nearby Government school and improvement shall be part CSR activity. Details work plan (Name of the selected nearby school, budget allocation for establishment and maintenance etc) and other details shall be furnished as affidavit. b. Maintenance of lakes/ ponds around the project site. 4. Solar power system as an energy conservation method is mandatory; hence details on design calculation and location shall be furnished.
22	2896	Project proposal seeking EC for “Beneficiation of Barite Ore by Column Flotation Technology” with a Throughput Capacity of 96900 TPA at S.no 377/1A , 378/1 etc , of Getnamallee Village , Gumudipoondi taluk ,Thiruvallur District by M/s. Oren Hydrocarbons under Category B and schedule no. 2(b)	<p>The Project Proponent submitted application on 01.09.2014 seeking EC for the project “Beneficiation of Barite Ore by Column Flotation Technology” with a Throughput Capacity of 96900 TPA at S.no 377/1A , 378/1 etc , Getnamallee Village , Gumudipoondi taluk ,Thiruvallur District by M/s. Oren Hydrocarbons , under Category B and schedule no. 2(b) of the schedule to the EIA notification, 2006. The project proposal was considered in the 60th SEAC meeting 25.09.2014 vide item no. 60-06. Based on the presentation made by the proponent and documents furnished, the committee prescribed TOR vide Letter dated 17.10.2014 with public hearing to be conducted.</p> <p>Public hearing was conducted on 15.05.2015 through the Tamil Nadu Pollution Control Board and minutes furnished. The SEAC appraised the proposal in the 67th meeting held on 25.09.2015 and after detailed discussion, the committee decided to ask the project proponent to make presentation again in the next meeting with the following Additional details:</p> <ol style="list-style-type: none"> 1. All TOR points to be presented again with emphasis on the following: <ol style="list-style-type: none"> i) Special care to be taken to protect Flora and Fauna.

			<p>ii) Wild Life Coservation Plan to be prepared separately and submitted for the protection of existing Flora & Fauna.</p> <p>iii) Air Pollution Control measures along with point source and fugitive emission sources/characteristics of pollutants and to be furnished.</p> <ol style="list-style-type: none"> Evidence shall be furnished for amount spent on existing Green Belt and to furnish details on amount proposed to be spent for Green Belt. To furnish details on Species of Green belt to be planted with area statement. To furnish complete details on Public Consutation conducted such as number of Public peoplewho attended, participated and the queeries raised by them and reply furnished. Commitment to comply with points raised in Public Hearing meeting. Material balance of chemicals/substances handled at each stage of the manufacturing process. Details of Pollution due to Transportation of raw material, Storage, unloading, conveying and during process. An indepth analysis report on air pollution such as nature of chemicals emitted and their impacts and preventive measures adopted. Health Management study Report in detail. Solid waste/hazardous solid waste Mangagement study report in detail. CSR activities - As per MoEF&CC guidelines and as committed in Public Hearing. To furnish clearance from SGWA before commissioning the unit. To furnish details whether approval was obtained from DTCP or applied for approval as per T & CP Act 1971. If not obtained so far, the Project proponent shall obtain the same before execution of the project.
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Agenda Item No. 1-23 Rough Stone & Granite

The SEAC appraised the following project proposals 1. Granite & Rough Stone - 23 Nos.; along with approved mining plans, Pre-feasibility reports and other supporting documents in detail. These proposals are for seeking Environmental Clearance for mining of minor minerals. The SEAC while appraising in detail, the Project proposals furnished by the proponent, took into consideration of the impact on pollution that is possible in these types of activities and after verification of the details furnished by the proponent recommended the proposals subject to the verification of the following:

- The distance between the mining area and interstate border, wherever necessary.
- The distance between the mining area and the boundary of Western Ghats, Prohibited area wherever necessary.
- One month base line data be collected to ensure the pollution within the limits.

The following should be incorporated as conditions in EC.

- Free silica test should be conducted and reported
- Air Sampling at intersection point should be conducted and reported
- Bunds to be provided at the boundary of the project site.
- Ground water quality monitoring should be conducted once in 3 Months

5. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
6. Rainwater shall be pumped out Via Settling Tank only
7. The project proponent shall undertake plantation/afforestation work by planting the native species on all side of the lease area
8. Atleast 10 neem trees should be planted around the boundary of the quarry site.
9. Floor of excavated pit to be levelled and sides to be sloped with gentle slope (Except for granite quarries) in the mine closure phase.
10. Earthen bunds and barbed wire fencing around the pits with green belt all along the boundary shall be developed and maintained.
11. The Project Proponent shall ensure a minimum of 2.5% of the annual turn over will be utilized for the CSR Activity
12. The Project Proponent shall provide solar lighting system to the nearby villages
13. The Project Proponent shall comply the mining and other relevent rules and regulations where ever applicable.
14. As per MoEF&CC, GoI, Office Memorandum dated 30.03.2015, prior clearance from Forestry & Wild Life angle including clearance from obtaining committee of the National Board for Wild life as applicable shall be obtained before starting the quarring operation, if the project site is located within 10KM from National Park and Sanctuaries.

MINOR MINERALS

Sl. No	F.No	Name of the proponent	Extent in ha.	SF.No	Quantity	Recommendation of the Committee
1	3965	Thiru. K. Senthil Kumar No.396, Udumalai Road Sellamapalayam Dharmapuram Tiruppur - 638672	2.49.0	S.F.No. 252/2B (P) Kangeyampala yam Village, Dharapuram Taluk	120175 cu.m of Rough Stone & 7842 cu.m of Gravel for 5 Years	Recommended
2	3508	Thiru V. Christhushas Tharavilai, Thickanamcode Post Vilavancode Taluk Kanniyakumari	2.69.5	S.F.No. 656/2A2, Killiyoor Village, Vilavancode Taluk	230175 cu.m of Rough Stone for 5 Years	Recommended
3	3809	Tmt C.Kalaiselvi D/o Chidambaram AB 11, 2nd Avenue, Anna Nagar Chennai - 600 040	3.55.5	S.F.No. 278/1, 278/2, 278/3, 278/4, 278/5 Chinnakollapatti Village, Sattur Taluk	5625 cu.m of Multi Coloured Granite & 13125 cu.m of Waste & 6600 cu.m of Top Soil for 5 Years	Recommended
4	3655	M/s . Sarvah Infra Pvt. Ltd. 540, 3rd Floor, CMH Road, Indira Nagar, Bangalore - 560 038	4.05.0	S.F.No. 70/1B & 70/1C Midithepalli Village, Hosur Taluk	558350 cu.m of Rough Stone & 29818 cu.m of Top Soil for 5 Years	Recommended
5	3767	Thiru P.Velmani Narasinghapuram Post, Nethaji Nagar, Attur Taluk,	4.34.0	S.F.No. 456 & 25/1 Nadanthai & Irukkur Village, Paramathivelur	15390 cu.m of Multi Coloured Granite & 10260 cu.m of Waste & 4832 cu.m of	Recommended

		Salem District		Taluk	Top Soil for 5 Years	
6	3810	Thiru R. Sankar Thuthivilagam House Kalluketti, Kuzhithurai Post Kanniyakumari	1.99.0	S.F.No. 804/4(P), 5(P), 6(P) Mecode Village, Kalkulam Taluk	285775 cu.m of Rough Stone/Jelly for 5 Years	Recommended
7	3693	M/s S.R.P Rock Exports No 12/51, Maruthupandiyar Street K.K. Nagar Madurai - 625 020	3.60.0	S.F.No. 394/1B2, 394/2, 397/4 K. Pitchampatti Village, Karur Taluk	5308 cu.m of Multi Coloured Granite & 2276 cu.m of Waste & 5670 cu.m of Top Soil & 1200 cu.m of Side Burden for 5 Years	Recommended
8	3615	Thiru R. Thiyagarajan Sengulam, Nadumandalam Natham Taluk Dindigul District - 632 009	4.00.0	S.F.No. 569/1(P) (Block - I) Nadumandalam Village, Natham Taluk	179885 cu.m of Rough Stone for 5 Years	Recommended
9	3679	Thiru N. Viswanathan 173-Pillaiyar Koil Street Eraiyur Village Vanur Taluk Viluppuram - 604 304	1.07.5	S.F.No. 277/3A1B, 3A2, 278/2B, 3A4B & 282/13, 1A2, 2B Rayandapuram Village, Thandarampattu Taluk	300 cu.m of Black Granite & 4740 cu.m of Waste for 5 Years	Recommended
10	3618	Thiru V.Soundarapandian No.33/2, Puliyampatti, Palani Taluk, Dindigul District - 624 005	0.62.0	S.F.No. 160/6(P) Block - 2 (West) Puliyampatti Village, Palani Taluk	18440 cu.m of Rough Stone for 5 Years	Recommended
11	3647	Thiru R.Krishnasamy Palamangalam, Andiyagoundanur Village Udumalapet Taluk Tiruppur District - 642 102	1.00.0	S.F.No. 662/1B1(P) Andiyagoundanur Village, Udumalapet Taluk	64928 cu.m of Rough Stone & 2640 cu.m of Gravel for 5 Years	Recommended

12	2852	Thiru P. Jagadeesan No.11/32, Vettukkattu Valasu Indur Village Perundurai Taluk Erode - 638 058	1.05.5	S.F.No. 50/1A, Ekkattampalaya m Village, Perundurai Taluk	95130 cu.m of Rough Stone & 16214 cu.m of weathered gravelly formation for 5 Years	Recommended
13	3749	Thiru P.Mahendran 11/32, Vettukattu Valasu, Inkur Village, Perundurai Taluk, Erode District	2.27.0	S.F.No. 203/2 Ekkattampalaya m Village, Perundurai Taluk	42130 cu.m of Rough Stone & 960 cu.m of Gravel for 14 Months	Recommended
14	3206	Thiru P. Selvasundaram No.1/2, Ramamoorthy Street Ragupathinaickenpalayam Railway Colony (Post) Erode - 638 002	2.87.0	S.F.No. 1167/2 Arachalur 'E' Village, Erode Taluk Erode District	272809 cu.m of Rough Stone, 10574 cu.m of Gravel & 64623 cu.m of Weathered rock mass for 5 Years	Recommended
15	3625	Thiru R.Ramakrishnan 4/563, Trichy Road, Karanampettai, Palladam Taluk Tiruppur District - 641 401	5.55.0	S.F.No. 55/2A(P), 56/1A(P), 56/2A(P), 57/1A1, 57/1A2 & 57/1B Kodangipalaya m Village, Palladam Taluk Tiruppur District	134790 cu.m of Rough Stone & 9081 cu.m of Gravel for 5 Years	Recommended
16	3939	Thiru. U.P. Prabhu Jothi No.15, Balakrishnan Street Gandhi Nagar Udumalaipettai Tiruppur	3.24.0	S.F.No. 30/1A2, 30/2A & 30/3A Pappankulam Village, Madathukulam Taluk	277620 cu.m of Rough Stone & 35536 cu.m of Gravel for 5 Years	Recommended
17	2899	Thiru Narra Rupesh Kumar No 170, 2nd Cross, 1st Block Koramangala Bangalore - 560 034	1.17.0	S.F.No. 445/1A(P), 2B, 2C, 2A(P), 75/2B2, 75/2A(P), Sökkadi Village, Krishnagiri Taluk	985 cu.m of Black Granite & 5570 cu.m of Reject for 5 Years	Recommended
18	3610	Thiru C.Vasanthakumar Kannammapuram Komarapalayam Post Erode District - 638 106	1.90.0	1171/1 Arachalur 'E' Village Erode Taluk	122500 cu.m of Rough Stone for 8 Months	Recommended

19	4090	Tvl. KNR Constructions Ltd. No.5-253, Linda Garden Nethaji Nagar, Manamadurai Sivagangai-630 606	4.90.0	120/3(P), 120/4A1(P) Puliyuran Village Aruppukottai Taluk, Virudhunagar District	781625 cu.m of Rough Stone & 82150 cu.m of Gravel for 3 Years	Recommended
20	3694	M/s Vishnu Surya Logistics Pvt.Ltd A.C. Thangam, Director New No 76, Temple Towers, Illrd Floor North Mada Street Mylapore Chennai - 600 004	4.90.0	S.F.No. 114/3(P) Puliyuran Village, Aruppukottai Taluk	942754 cu.m of Charnockite Blue Metal & 235688 cu.m of Rejects for 5 Years	Recommended
21	3903	Thiru. K. Prabakaran Mottupalayam Koodakarai Gobichettipalayam Taluk Erode-638454	1.21.5	S.F.No. 275/2 Thoppampalay am Village, Sathy Taluk	47130 cu.m of Rough Stone & 645 cu.m of Gravel for 5 Years	Recommended
22	3902	Thiru N.R.Appusamy 281/14,Anna Nagar, Thoppampalayam Village, Sathy Taluk Erode District	1.10.0	S.F.No. 278/2, 279/1 & 280/4 Thoppampalay am Village, Sathy Taluk	41200 cu.m of Rough Stone for 5 Years	Recommended
23	3901	Thiru A.Thulasiammal W/o. Arukutti Gounder, 79, Avinasi Taluk, Annur, Avinasi Taluk, Coimbatore -653	1.20.5	S.F.No. 275/3 Thoppampalay am Village, Sathiyamangal am Taluk	81450 cu.m of Rough Stone & 440 cu.m of Weathered Formation & 108 cu.m of Gravel for 2 Years	Recommended

26th SEPTEMBER 2015 (DAY -2 -SATURDAY)

23.	3816	Proposed Additional Hospital Buildings in Sri Ramakrishna Hospital by "M/s SNR Sons Charitable Trust "at Old. S.Nos. 1366 parts 1E1 etc., & New S.Nos. 1366/5 etc., Ganapathy (earlier Krishnarayapuram) Village, Coimbatore North Taluk, Coimbatore District – Category "B"- 8(a) Building and constructions	The Committee decided to recommend the proposal for the grant of EC to SEIAA after obtaining and considering the following details, 1. Solar power system as an energy conservation method is mandatory; hence details on design calculation and location shall be furnished.
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			<ol style="list-style-type: none"> 2. Green belt shall be 15% of the total land area. Hence revised land use break-up shall be furnished. 3. Detailed plan on the number of trees planted in the existing phase and proposed to be planted needs to be furnished. 4. Details on the treatment, disinfection, quality, characteristics of the two separate streams from STP and ETP shall be furnished. 5. The effluent from patent beds, operation theatre and labs shall be treated separately and hence furnish revised water balance diagram. 6. Detailed report on the Sewage treatment plant, Solid waste Management, Bio medical waste management, quality of treated water from STP/ETP of the existing operation shall be furnished. 7. Indoor air quality monitoring shall be adopted and reported. 8. Solar power system as an energy conservation method is mandatory; hence details on design calculation and location shall be furnished. 9. Focussed CSR activity with Specific allocation of funds [0.5 % of the total outlay of the project] should include the following:
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			<p>10. Establishment of state of art knowledge centre, provision of basic amenities such as drinking water facility, sanitation and solar lighting etc. in the nearby Government school and improvement shall be part CSR activity. Details work plan (Name of the selected nearby school, budget allocation for establishment and maintenance etc) and other details shall be furnished as affidavit.</p> <p>c. Maintenance of lakes/ ponds around the project site.</p>
24.	3466	<p>Proposal for production of Pharmaceutical Intermediates and R&D activity impurities at shed No-B-21, SIDCO Pharmaceuticals complex, Alathur village, Chengalpattu Taluk, Kancheepuram District by M/s.Spincotech Private LTD, Shed No-B-21, SIDCO Pharmaceuticals Complex.</p>	<p>The Project Proponent submitted application seeking Environmental Clearance on 27.02.2015 for the Proposed production of Pharmaceutical Intermediates and R&D activity impurities at shed No-B-21,SIDCO Pharmaceuticals complex, Alathur village, Chengalpattu Taluk, Kancheepuram District by M/s.Spincotech Private LTD. The proposal is for the manufacture of Five Pharmaceutical intermediates to be used in the manufacture of Active Pharmaceutical Ingredients and manufacture of R&D impurities for testing of the Active Pharmaceutical Ingredients. There will be no manufacture of Active Pharmaceutical Ingredients.</p> <p>Based on documents furnished and additional details the Committee observed that the project falls under category B, schedule 5(f), and prescribed Terms of Reference for further EIA study exempting Public Hearing as per para 7(i) III, stage (3)(i)(b) of EIA Notification 2006 .</p> <p>The Final EIA was appraised by the SEAC in the 67th meeting held on 26.09.2015 and the committee decided to recommend for EC after obtaining approval by circulation for the following points :</p> <p>1. NOC from the DFO for the Reserve Forest loctaed at distance of within 5 km from site.</p>

			<ol style="list-style-type: none"> 2. Furnish details of mass balance, water balance, air pollutants emission details with characteristics, control measures proposed at each stage of the process. 3. Odour mitigation measures to be provided. 4. Submit corrected Flow diagram incorporating all details. 5. As per TOR -18, Reserve Forest nearby shall be included as one point for conducting AAQ survey-to be complied. 6. Air Quality modelling as per TOR 25 to be carried out and reported. 7. TOR 28 was not answered properly and shall be furnished 8. Green belt of 33% of available land area shall be provided. 9. Action Plan for ZLD as per TOR 27 was not furnished and shall be included. 10. As per TOR 37 Risk Assessment Plan to be furnished with Action plan. 11. As per TOR 38, green belt to be developed in the downwind side direction. 12. Commitment letter for Periodical Medical Check-up every quarterly to be carried out for workers. 13. As per TOR 43 the detailed EMP with responsibility for each activity to be furnished. 14. Establishment of state of art knowledge centre and other basic amenities such as drinking water supply, sanitation, solar lights, etc. in the nearby Government School shall be part of CSR activity. Detailed work plan (Name of the selected nearby school, budget allocation for establishment and maintenance etc) and other details shall be furnished as affidavit. CSR cost shall be 2.5 % of the annual turn over of the project.
25.	2996	Proposed Construction of Appartment "SIS Queenstown"by "M/s South Indian Shelters Pvt. Ltd. at S.Nos. 354/9A etc., Kayarambedu Village, Chengalpattu Taluk, Kancheepuram District – Category "B"-8(a) Building and constructions	<p>The Committee decided to recommend the proposal for the grant of EC to SEIAA after obtaining and considering the following details,</p> <ol style="list-style-type: none"> 1. Affidavit in Rs 50 /- stamp paper for the following needs to be furnished: <ul style="list-style-type: none"> • Commitment from the proponent stating the list of

			<p>activities to be carried out in Commercial area proposed and apart from the listed activities no other activities will be carried out.</p> <p>5. Solar power system as an energy conservation method is mandatory; hence details on design calculation and location shall be furnished.</p> <p>6. Resolution obtained from the local Panchayat regarding permission for Fresh water supply and disposal of excess treated sewage shall be furnished.</p> <p>7. Focussed CSR activity with Specific allocation of funds [0.5 % of the total outlay of the project] should include the following:</p> <p>d. Establishment of state of art knowledge centre, provision of basic amenities such as drinking water facility, sanitation and solar lighting etc. in the nearby Government school and improvement shall be part CSR activity. Details work plan (Name of the selected nearby school, budget allocation for establishment and maintenance etc) and other details shall be furnished as affidavit.</p> <p>e. Maintenance of lakes/ ponds around the project site.</p>
26.	3941	Proposed Construction of residential buildings by "Mr. Sunil Khetpalia & Mr. Manish Kumar Jain"at S.Nos. 4279 etc., Mylapore Village, Mylapore- Triplicane Taluk, Chennai	The Committee decided to recommend the proposal for the grant of EC to SEIAA after obtaining and considering the following details,

District – Category “B”-8(a) Building and constructions

8. Solar power system as an energy conservation method is mandatory; hence details on design calculation and location shall be furnished.
9. Details on the list of native species and number of trees to be planted in the green belt area shall be furnished.
10. Focussed CSR activity with Specific allocation of funds [0.5 % of the total project cost] should include the following:
 - f. Establishment of state of art knowledge centre, provision of basic amenities such as drinking water facility, sanitation and solar lighting etc. in the nearby Government school and improvement shall be part CSR activity. Details work plan (Name of the selected nearby school, budget allocation for establishment and maintenance etc) and other details shall be furnished as affidavit.
 - g. Maintenance and beautification of lakes, creeks, estuary/ ponds around the project site.

Stack height of the DG set shall be in accordance with the norms and revised report shall be furnished.

Agenda Item No. 1-5 Rough Stone

The SEAC appraised the following project proposals 1. Rough Stone - 5 Nos.; along with approved mining plans, Pre-feasibility reports and other supporting documents in detail. These proposals are for seeking Environmental Clearance for mining of minor minerals. The SEAC while appraising in detail, the Project proposals furnished by the proponent, took into consideration of the impact on pollution that is possible in these types of activities and after verification of the details furnished by the proponent recommended the proposals subject to the verification of the following:

1. The distance between the mining area and interstate border, wherever necessary.
2. The distance between the mining area and the boundary of Western Ghats, Prohibited area wherever necessary.
3. One month base line data be collected to ensure the pollution within the limits.

The following should be incorporated as conditions in EC.

1. Free silica test should be conducted and reported
2. Air Sampling at intersection point should be conducted and reported
3. Bunds to be provided at the boundary of the project site.
4. Ground water quality monitoring should be conducted once in 3 Months
5. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
6. Rainwater shall be pumped out Via Settling Tank only
7. The project proponent shall undertake plantation/afforestation work by planting the native species on all side of the lease area
8. Atleast 10 neem trees should be planted around the boundary of the quarry site.
9. Floor of excavated pit to be levelled and sides to be sloped with gentle slope (Except for granite quarries) in the mine closure phase.
10. Earthen bunds and barbed wire fencing around the pits with green belt all along the boundary shall be developed and maintained.
11. The Project Proponent shall ensure a minimum of 2.5% of the annual turn over will be utilized for the CSR Activity
12. The Project Proponent shall provide solar lighting system to the nearby villages
13. The Project Proponent shall comply the mining and other relevant rules and regulations where ever applicable.
14. As per MoEF&CC, GoI, Office Memorandum dated 30.03.2015, prior clearance from Forestry & Wild Life angle including clearance from obtaining committee of the National Board for Wild life as applicable shall be obtained before starting the quarrying operation, if the project site is located within 10KM from National Park and Sanctuaries.
15. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.

MINOR MINERALS (Rough Stone & Granites)

Sl. No.	F.No	Name of the proponent	Extent in ha.	SF.No	Quantity	Recommendation of the Committee
1	3702	Thiru M. Venkatesh 3/352, Karanampettai Palladam Taluk, Tiruppur - 641 662	2.25.5	S.F.No. 114/1A, 115/1B, 2 Kodangipalayam Village, Palladam Taluk	161930 cu.m Rough Stone & 8967 cu.m of Gravel for 5 Years	Recommended

2	3766	Thiru C.N.Mani No.1/40, Chinnakkaranur, Bellathi (Post), Chikkampalayam Panchayat, Mettupalayam Taluk, Coimbatore District - 641 104	3.20.5	S.F.No. 1093/1A(P), 1B(P), 2A1(P), 1094/1A, 1B, 2A1 Punnam Village, Aravakurichi Taluk	199440 cu.m of Rough Stone for 5 Years	Recommended
3	3900	Thiru V.K.Ravi Athipalayam Post, Veerapandi, Coimbatore - 641 019	4.33.7	S.F.No. 240/1A, 240/1B, 247/2 & 247/3 Thoppampalayam Village, Sathy Taluk	72380 cu.m of Rough Stone & 31400 cu.m of Gravel for 2 Years 2 Months	Recommended
4	3993	Thiru. I. Vetrivel D.No. 7/2, Thiruvalluvar Nager Usilampatti Taluk, Madurai District - 625 532	2.25.5	S.F.No. 2/2C1A & 2/2C1B (P) (Patta Land) Alangalam Village, Thirumagalam Taluk	53803 cu.m of Rough Stone for 5 Years	Recommended
5	3630	Thiru P.Vasanthi W/o. Ponnusamy No: 12/1012, Anbu Nagar, Mathukarai Market, Mathukarai Taluk Coimbatore District - 641 105	1.76.0	S.F.No. 505 & 506/2 Mathukarai Village, Mathukarai Taluk	14850 cu.m of Rough Stone for 5 Years	Recommended

Agenda Item No. 1-15 Sand

The SEAC considered the following project proposals along with approved mining plan, Pre-feasibility reports and other supporting documents in detail seeking Environmental Clearance for mining of minor minerals. The SEAC appraised the Project proposals furnished by the proponent in detail and took into consideration the less pollution that is possible in these types of activities and after verification of the details furnished by the proponent subject to usual terms and conditions

The following should be incorporated as conditions in EC.

1. The quarrying activity shall be stopped if the entire quantity is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.

MINOR MINERALS (Sand)

Sl. No	F.No	Name of the proponent	Extent in ha.	SF.No	Quantity	Recommendation of the Committee
1	3180	The Executive Engineer PWD/WRO River Coservancy Division Trichy - 1	24.00.0	S.F.No. 224(P), Alambadi Village, Lalgudi Taluk Trichy District	240000 cu.m of Sand for 3 Years	Recommended
2	3521	The Executive Engineer, PWD/WR O Vridhachalam Cuddalore District-	15.25.0	S.F.No. 1/1(P), Kallipadi Village, Kattumannarkoil Taluk Cuddalore District	152500 cu.m of Sand	Recommended

3	3848	The Executive Engineer, PWD/WRD Manjalaru Basin Division, Periyakulam	9.65.0	S.F.No. 200, 202, 280, 282, 292, 295 & 297 Kanavaipatti Village, Andipatti Taluk Theni District	11900 cu.m of Sand	Recommended
4	3971	The Executive Engineer, PWD/WRD Cauvery Basin Division Thanjavur	9.00.0	S.F.No. 1A (P) Kovilady Village, Budalur Taluk Thanjavur District	90000 cu.m of Sand	Recommended
5	4025	Executive Engineer PWD, WRD R.C. Division Trichy-1	24.00.0	S.F.No. 837 (P) Nanjai Pugalur Village, Manmangalam Taluk Karur District	240000 cu.m of Sand	Recommended
6	4026	Executive Engineer PWD, WRD R.C. Division Trichy-1	24.00.0	S.F.No. 246/1A (Part) Nanjai Kadambankurichi Village, Manmangalam Taluk Karur District	240000 cu.m of Sand	Recommended
7	4027	Executive Engineer PWD, WRD R.C. Division Trichy-1	24.00.0	S.F.No. 915(Part) Nanjai Thottakurichi Village, Manmangalam Taluk Karur District	240000 cu.m of Sand	Recommended
8	4070	Executive Engineer PWD, WRD R.C. Division Trichy-1	24.00.0	445 (Part) Kariamanickam West Village Mannachanallur Taluk Trichy District	330000 cu.m of Sand	Recommended
9	4071	Executive Engineer PWD, WRD R.C. Division Trichy-1	24.00.0	148 (P) Kiliyanallur South Village Mannachanallur Taluk Trichy District	556894 cu.m of Sand	Recommended
10	4072	Executive Engineer PWD, WRD R.C. Division Trichy-1	15.00.0	144/2 (P) Thiruvasi Village Mannachanallur Taluk Trichy District	356073 cu.m of Sand	Recommended
11	4073	Executive Engineer PWD, WRD R.C. Division Trichy-1	20.00.0	61(P) Manamedu Village Thottiam Taluk Trichy District	619665 cu.m of Sand	Recommended

12	4074	Executive Engineer PWD, WRD R.C. Division Trichy-1	15.00. 0	1 (P) Unniyur Village Thottiam Taluk Trichy District	347123 cu.m of Sand	Recommended
13	4077	The Executive Engineer, PWD/WRD Public Works Department Chidambaram Cuddalore	19.80. 0	118/2 (P) C. Arasur Village Kattumannarkoil Taluk Cuddalore District	514800 cu.m of Sand	Recommended
14	4078	The Executive Engineer, PWD/WRD Public Works Department Chidambaram Cuddalore	19.50. 0	116(P) Azhangathan Kattumannarkoil Taluk Cuddalore District	487500 cu.m of Sand	Recommended
15	4105	The Executive Engineer, WRD Cauvery Basin Department Mayiladuthurai Nagapattinam	20.00. 0	782/1(P) Mathirivelur Village Sirkazhi Taluk Nagapattinam District	350000 cu.m of Sand	Recommended

Agenda Item No. 1-98 Savudu

The SEAC appraised the following project proposals 1. Savudu/Gravel/Saral/Earth/Brick Earth - 98 Nos.; along with approved mining plans, Pre-feasibility reports and other supporting documents in detail. These proposals are for seeking Environmental Clearance for mining of minor minerals. The SEAC while appraising in detail, the Project proposals furnished by the proponent, took into consideration of the impact on pollution that is possible in these types of activities and after verification of the details furnished by the proponent recommended the proposals subject to the verification of the following:

1. The distance between the mining area and interstate border, wherever necessary.
2. The distance between the mining area and the boundary of Western Ghats, Prohibited area wherever necessary.
3. One month base line data be collected to ensure the pollution within the limits.

The following should be incorporated as conditions in EC.

1. Free silica test should be conducted and reported
2. Air Sampling at intersection point should be conducted and reported
3. Bunds to be provided at the boundary of the project site.
4. Ground water quality monitoring should be conducted once in 3 Months
5. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
6. Rainwater shall be pumped out Via Settling Tank only
7. The project proponent shall undertake plantation/afforestation work by planting the native species on all side of the lease area
8. Atleast 10 neem trees should be planted around the boundary of the quarry site.
9. Floor of excavated pit to be levelled and sides to be sloped with gentle slope (Except for granite quarries) in the mine closure phase.
10. Earthen bunds and barbed wire fencing around the pits with green belt all along the boundary shall be developed and maintained.
11. The Project Proponent shall ensure a minimum of 2.5% of the annual turn over will be utilized for the CSR Activity
12. The Project Proponent shall provide solar lighting system to the nearby villages
13. The Project Proponent shall comply the mining and other relevent rules and regulations where ever

applicable.

14. As per MoEF&CC, GoI, Office Memorandum dated 30.03.2015, prior clearance from Forestry & Wild Life angle including clearance from obtaining committee of the National Board for Wild life as applicable shall be obtained before starting the quarrying operation, if the project site is located within 10KM from National Park and Sanctuaries.

15. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.

Sl. No.	F.No	Name of the proponent	Extent in ha.	SF.No	Quantity	Recommendation of the Committee
1	2348	Thiru G. Arichandran K.Puliyankulam Village Chekkanurani Post Thirumangalam Taluk Madurai - 625 514	1.99.0	S.F.No. 387/1A1, 1A2, 1B1, 3A, Karumathur Village, Usilampatti Taluk	30166 cu.m of Gravel for 2 Years	Recommended
2	2461	Thiru S. Rameshbabu No 1/111, Main Road, Saptur Viilage Peraiyur Taluk Madurai - 625 705	2.00.0	S.F.No. 344/3(P), Saptur Village, Peraiyur Taluk	20000 cu.m of Gravel for 1 Year	Recommended
3	2816	Thiru T. Vilvanathan South street, Thennavanallur Village Udaiyarpalayam Taluk Ariyalur - 612 901	0.70.5	S.F.No. 291/2, Udayanatham East Village, Udaiyarpalayam Taluk	8800 cu.m of Earth for 2 Years	Recommended
4	2948	Thiru A. Benno Sahayaraj No 35, Udayar Street Valavanthankottai Thiruverumbur Taluk Trichy - 620 015	1.89.0	S.F.No. 146/2B1, 146/2B2, 150/4, 150/7, Pathalapettai Village, Thiruverumbur Taluk	29548 cu.m of Gravel for 3 Years	Recommended
5	2959	Tmt K. Maheshwari W/o Kandasamy No 34 P, Panjapur K.Sathanur Village Manikandam Post Trichy - 620 012	1.46.5	S.F.No. 293/1, Sethurapatti Village, Srirangam Taluk	20776 cu.m of Gravel for 11 Months	Recommended

6	2983	Tmt P. Indhira W/o Perumal North Street Silambinathanpett ai Panruti Taluk Cuddalore - 607 102	3.00.0	S.F.No. 24/1(P), 272/3(P), Silambinathanpett ai Village, Panruti Taluk	96728 cu.m of Gravel & Laterite for 3 Years	Recommended
7	3058	Thiru M. Nandakumar No 2/130, Pillayarkoil Street M.A. Nagar Chennai - 52	3.15.0	S.F.No. 185(P), Alamathi Village, Ponneri Taluk	28350 cu.m of Savudu for 45 Days	Recommended
8	3355	Thiru R. Ramesh No 10, Erular Colony Arani Ponneri Taluk Tiruvallur -	1.57.8	S.F.No. 27(P), Seeyancheri Village, Uthukottai Taluk	15780 cu.m of Savudu for 30 Days	Recommended
9	3357	Thiru K. Sudhakar No 18/6, U.V. Swaminathan Street New Perungalathur Chennai - 600 063	2.87.0	S.F.No. 829/3B PWD Tank, Arani Village, Ponneri Taluk	28700 cu.m of Savudu for 45 Days	Recommended
10	3388	Thiru S. Manikandan 52B, N. No 428, Koodalur Palaiyur Alangudi Taluk Pudukottai - 622 201	3.79.0	S.F.No. 169/16(P), Nallur Village, Ponnamaravathy Taluk	37900 cu.m of Gravel for 3 Years	Recommended
11	3402	Thiru D. Sivamurugan Chokkanathapura m Checkanurani post Usilampatti Taluk Madurai	2.03.25	S.F.No. 68(P), Panamooppanpatt i Village, Usilampatti Taluk	20325 cu.m of Gravel for 11 Months	Recommended
12	3436	Thiru S.R. Ganesan No 6/40, Srinivasampalaya m Karuveppampatti Tiruchengode Taluk Namakkal	1.75.0	S.F.No. 365(P), Karuveppampatti Village, Tiruchencode Taluk	9000 cu.m of Gravel for 11 Months	Recommended

13	3462	Thiru A. Sivakumar No 187/187, Sulliyamputhur Vijayamangalam Perunthurai Taluk Erode - 638 056	4.00.0	S.F.No. 262/1(P), S.Iraiymangalam Village, Tiruchencode Taluk	40000 cu.m of Gravel for 11 Months	Recommended
14	3516	V.Rajendran S/o Venkatachalam 92/B1, Agragaram Street Chithiraiyur Post Thiruvavarur District- 610202	1.52.0	S.F.No. 63/1,63/2A,295/1, 295/2, Chithiraiyur Village, Needamangalam Taluk	9610 cu.m of Savudu for 2 Years	Recommended
15	3578	Thiru V.G.Sathish Babu 16B, 4th Cross Street, Kumaran Nagar(East) Avadi Chennai - 71	3.15.0	S.F.No. 1(P), Redhills Village, Madhavaram Taluk	28350 cu.m of Gravel for 60 Days	Recommended
16	3579	Thiru R.Mahesh 20, Pillai Street, Thiruvavarur District - 614736	4.21.0H a	S.F.No. 138/1B1 & 138/2A, Thillaivilagam Village, Thiruthuraipoondi Taluk	38718 cu.m of Savudu for 3 Years	Recommended
17	3591	Thiru A. Rajendran No 59, Thanduma Nagar Periyapalayam Village Uthukottai Taluk, Tiruvallur	3.15.0	923/2(P) Gnaiyar Village Ponneri Taluk	28350 cu.m of Savudu for 55 Days	Recommended
18	3592	Thiru A.Selvam No.1037/A, Mariamman Koil Street, Kannigaiper Village Uthukottai Taluk, Tiruvallur District - 601 102	3.16.0	259(P) Soolaimeni Village Uthukottai Taluk	28440 cu.m of Savudu for 50 Days	Recommended
19	3593	Thiru L.Srinivasa Reddy No.8, Vinayagar Koil Street, Subbareddypalay am Village, Chennai - 600120	3.22.00	155/2(Poromboke PWD tank) Thathamani Village Ponneri Taluk	28980 cu.m of Savudu for 50 Days	Recommended

20	3594	Thiru A.Sakthivel Mutrampattu Village, V.Nerkunam Post, Vikkirvandi Taluk, Villupuram District	1.84.0	193/7 V.Parangani Village Vanur Taluk	14594 cu.m of Red Earth for 2 Years	Recommended
21	3597	Thiru R.Babu Old No.2, New No.7, Palayakara Street Periyapalayam Village Uthukottai Taluk Tiruvallur District	3.15.0	450A(P) Panapakkam Village Uthukottai Taluk	28350 cu.m of Savudu for 55 Days	Recommended
22	3602	Thiru D. Sathiskumar Old No.18,Ponniyamm an Koil Street, Punnai Village, Arakonam Taluk Vellore District - 631 051	1.90.0	154(P) Agaram Village Tiruvallur Taluk	17100 cu.m of Savudu for 40 Days	Recommended
23	3614	Thiru R.Babu Old No.2, New No.7, Palayakara Street Periyapalayam Village Uthukottai Taluk Tiruvallur District	3.14.6	303(P) Akkarapakkam Village Uthukottai Taluk	28314 cu.m of Savudu for 55 Days	Recommended
24	3660	Thiru R.Vikramathithan No-37B, West Street, Silampur Post, Udayarpalayam Taluk, Ariyalur District - 608 901	3.91.5	S.F.No. 19/1B Andimadam Village, Udayarpalayam Taluk	157565 cu.m of Red Gravel for 3 Years	Recommended
25	3680	Thiru K. Gowrishankar 678, Thuppattiyar Street Perumalpattu Village Tiruvallur Taluk Tiruvallur -	3.15.0	S.F.No. 368/1 PWD Tank Puduvoyal Village, Gummidipoondi Taluk	21803 cu.m of Savudu for 50 Days	Recommended
26	3681	Thiru S. Suresh Nagaraja Kandigai Village Gummidipoondi Taluk Tiruvallur -	3.15.0	S.F.No. 63/2 PWD Tank Kizamudalambedu Village, Gummidipoondi Taluk	23693 cu.m of Savudu for 50 Days	Recommended

27	3690	Thiru S. Rajangam No 22C, Main Road Karaikadu Village Cuddalore Taluk Cuddalore - 607 005	4.04.5	S.F.No. 70/1A, 70/1B, 71/2B, 72/2B (P) Cuddalore OT (NMPL) Village, Cuddalore Taluk	144025 cu.m of Gravel for 2 Years	Recommended
28	3755	Thiru M. Kuberan Mariamman Kovil Street V.M.Melpathy Village Villuppuram Taluk Villupuram	2.69.0	S.F.No. 264/1B, 1C Vaduganathakupp am Village, Villuppuram Taluk	41440 cu.m of Red Earth for 2 Years	Recommended
29	3831	Thiru G.Sakthivel, S/o. Gansen, Kallar Street, Kaikurichi Post, Pudukottai District. Mobile No. 9842474074	5.70.0H a	S.F.No: 95/1 (P) of Pathalapettai Village in Thiruverumbur Taluk, Tiruchirappalli District	57000 cu.m of Laterite(Gravel) for 11 Months	Recommended
30	3833	S.Palanikumar, S/o.Shanmuganth an, No: 155, Veliyankudi, Kujankulam, Ramanthapuram District - 623308 Mobile No: 9159943777	3.14.5H a	S.F.No. 460 (P) at Ponmar Village, Thiruporur Taluk and Kanchipuram District	28305 cu.m of Savudu for 50 Days	Recommended
31	3834	M.Palaniselvam, S/o. Muthu, Door No.676, Indira Nagar, Arimalam Village, Thirumayam Taluk Pudukottai District-622201 Mobile No. 9842474074	6.12.0H a	S.F.No: 17/2 (P) of Alagapuri Village in Marungapuri Taluk, Tiruchirappalli District	55080 cu.m of Laterite (Gravel) for 11 Months	Recommended
32	3835	M.Ashok Kumar, S/o. Muthuvel Servei, No. 11-A, Kaduvettiyarveethi , North street, Arimalam Post, Thirumayam Taluk, Pudukottai District-622201	3.14.45	S.F.No. 212/1 (P) at Nandivaram Village, Chengalpattu Taluk and Kanchipuram District	28300 cu.m of Savudu for 50 Days	Recommended

33	3836	C.Saravanapandian, S/o. P.Chidambaram, 16, Subramaniapuram 2nd Street, Karaikudi. Mobile: 9750222008	2.85.0H a	S.F.No: 1132 (P), at Vadakku Valliyur Village in Radhapuram Taluk, Tirunelveli District,	28500 cu.m of Earth for 11 Months	Recommended
34	3837	K.R.Periyasamy, S/o. Karuppaiah, Kolikaraipatty, Pudhu Vayal, Karaikudi Taluk, Sivagangai District Mobile No. 9688285931	4.95.0H a	S.F.No. 86 (P) of Perattukottai Village in Devakottai Taluk, Sivagangai District	44595 cu.m Gravel for 10 Months	Recommended
35	3838	G.Elango, S/o. Ganesan, 12-Old Urani North, Puduvayal, Karaikudi Taluk, Sivagangai District Mobile No. 9688285931	4.95.0h a	S.F.No. 2 (P) of Keeranipatti Village in Karaikudi Taluk, Sivagangai District	49500 cu.m of Gravel for 10 Months	Recommended
36	3839	T. Gnanasekaran, No: 91, Kacheri Street, Alankudi Taluk, Pudukkottai District - 622302 Mobile No: 9865655667	4.90.0H a	S.F.No. 740/1 (P) of Bellathi Village in Mettupalayam Taluk, Coimbatore District	44100 cu.m of Gravel for 11 Months	Recommended
37	3840	A.Ramabrahmam, Project manager, M/S. Dilip Buildcon Ltd, D.No.1-789,Third floor, Pillaivayal Kalamman Kovil Street, Thandi Road, Sivagangai District - 630561 Mobile No. 9688285931	3.90.0H a	S.F.No. 5(P) of Melavaniyankudi Village in Sivagangai Taluk, Sivagangai District	39000 cu.m of Gravel for 9 Months	Recommended

38	3841	K. Ramaiya, S/o. Karuppaiah Thontaman, No: 3/332, Therkkumuthupatti nam, S. Kulavaipatti, Alankudi Taluk, Pudukkottai District - 622201 Mobile No: 9865655669	4.00.0H a	S.F.No. 325 (P) of Kurunellipalayam Village in Kinathukadavu Taluk, Coimbatore District	21000 cu.m of Gravel for 11 Months	Recommended
39	3842	T. Gnanasekaran, No: 91, Kacheri Street, Alankudi Taluk, Pudukkottai District - 622302 Mobile No: 9865655667	8.19.0H a	S.F.No. 201/A (P) of Devampady Village in Pollachi Taluk, Coimbatore District	49140 cu.m of Gravel for 11 Months	Recommended
40	3843	Thiru. M.G.Ramadoss, S/o.M.Govindasa my, No: 3B, Rivera Apartment, No.11, 4th main road Extn, Kotturpuram, Chennai - 85 Mobile No: 9566223355, 9159943777	3.15.0H a	S.F.No. 250/2 (P) at Vichur Village, Uthiramerur Taluk and Kanchipuram District	28350 cu.m of Savudu for 50 Days	Recommended
41	3845	K.Shanmugam, S/o. Kaalimuthu, No.11, Kambar Street, Subramaniyapura m, Karaikudi Taluk, Sivagangai District - 630002 Mobile No. 94430 05771	2.15.85 Ha	S.F.No. 5/1 (P), 5/3 (P), 5/4 (P), 5/5 (P), 5/6, 5/9 & 5/10 of Athankudi Village in Karaikudi Taluk, Sivagangai District	29645 cu.m of Gravel for 12 Months	Recommended
42	3846	M. Villadevan, S/o. Muthudevar, A-Surakulam, Pillaiyarkulam Panchayat, Tiruchuli Taluk, Virudhunagar District - 630611 Mobile No. 9443079061	1.69.0H a	S.F.No. 237/10, 237/2, 231/13 and 231/9 of Pillaiyarkulam Village in Tiruchuli Taluk, Virudhunagar District	7293 cu.m of Gravel for 3 Years	Recommended

43	3863	Thiru D. Chandramouli No 17, Thandukara Street Uthiramerur Taluk Kancheepuram	3.14.42	S.F.No. 312(P) Pwd Tank Nallambakkam Village, Chengalpattu Taluk	28298 cu.m of Savudu for 50 Days	Recommended
44	3870	M.Ashok Kumar, S/o. Muthuvel Servei, No. 11-A, Kaduvettiyarveethi , North street, Arimalam Post, Thirumayam Taluk, Pudukottai District-622201 Mobile No: 9865887676	3.14.45 Ha	S.F.No. 620 (P) at Padur Village, Thiruporur Taluk and Kanchipuram District	28310 cu.m of Savudu for 50 Days	Recommended
45	3872	Thiru. M. Ramalingam No.41/19, Middle Street Thiruppattur Town Sivagangai 630211	2.15.5	S.F.No. 146/2 &146/7 Keelamangalam Village, Sivagangai Taluk	41544 cu.m of Gravel for 18 Months	Recommended
46	3905	Thiru. J.Vinoth, S/o. Jayakumar, Pichandar Kovil, No.1, Tolgate, Mannachanallur Taluk, Tirchy District - 621216 Mobile No. 9843217897	4.90.0H a	S.F.No. 59/2 (P), 60/5(P), 61(P) of Amanakkanthondi Village in Udayarpalayam Taluk, Ariyalur District	49000 cu.m of Earth for 11 Months	Recommended
47	3910	Thiru.D.Senthilnathan, S/o.Duraisamy, No: 13, Santhapettai Nagappa Road, Arimalam Post, Pudukottai District - 622201 Mobile No: 9841915859	3.14.6H a	S.F.No. 20/1 (P) at Velichai Village, Thiruporur Taluk and Kanchipuram District	28314 cu.m of Savudu for 50 Days	Recommended
48	3911	T.Narasimhan, No.93,Rajaji Street, Chengalpattu, Kanchipuram District - 603014 Mobile No:	2.22.0H a	S.F.No. 25 (P) at Perumalthangal Village, Chengalpattu Taluk and Kanchipuram District	20000 cu.m of Savudu for 45 Days	Recommended

49	3913	P.Balaguru, S/o. Pechimuthu, Maniyakaranpatti Post, Puthur,Vilathikulam, Thoothukudi District-642317 Mobile No: 9976309350	4.75.0Ha	S.F.No. 6 (P) of Goundampatti Village in Vilathikulam Taluk, Thoothukudi District	47500 cu.m of Sarl for 11 Months	Recommended
50	3914	M.Muthupalani, S/O.Muthupalani, 3/1B, Avoodaiyarkovi Street, Chittarkoor post,Mooriyur Pudukottai District Mobile No: 9543028157, 8508787234	4.90.0Ha	S.F.No. 767 (P) at Thippanampatti Village, Tenkasi Taluk and Tirunelveli District	26950 cu.m of Earth for 11 Months	Recommended
51	3915	T.Narasimhan, No.93, Rajaji Street, Chengalpattu, Kanchipuram District - 603014 Mobile No: 9443131974	2.22.32 Ha	S.F.No. 301A/2 (P) at Appur Village, Chengalpattu Taluk and Kanchipuram District	20000 cu.m of Earth for 30 Days	Recommended
52	3933	V.Karuppasamy Pandi, S/o. Veil Muthu, No.183, Melatheru, Nagalapuram,Kay aththaar, Thoothukudi District-628952 Mobile No:	4.88.0Ha	S.F.No. 96 (P) of Panikkarkulam Village in Kovilpatti Taluk, Thoothukudi District	48800 cu.m of Sarl for 11 Months	Recommended
53	3934	P.Sekar, S/o. Pichai, Roja Nager, Veerappan Chatram, Erode District. Mobile No.	4.50.0Ha	S.F.No: 9 (P) of Kurukkupuram Village in Rasipuram Taluk, Namakkal District	45000 cu.m of Gravel for 11 Months	Recommended
54	3935	Thiru. M.Ashok Kumar, S/o.Muthuvel, No: 11/1 North Street, Arimalam, Thirumayam Taluk, Pudukottai District - 622201	2.83.0Ha	S.F.No. 4 (P) at Madura Porur Village, Thiruporur Taluk and Kanchipuram District	28300 cu.m of Savudu for 50 Days	Recommended

55	3955	C.Manokaran, S/o. Chinnappa Gounder, No.78, Municipal colony, Rangarav Kadu, Erode District Mobile No.	4.00.0H a	S.F.No: 31 (P) of Seerapalli Village in Rasipuram Taluk, Namakkal District	36000 cu.m of Gravel for 11 Months	Recommended
56	3957	Thiru. B.Bharath, S/o.Barathirethina m, No: 383/139 A, Senthangudi East, Nagaram, Alangudi, Pudukottai District - 614624 Mobile No: 9842402210	3.14.65 Ha	S.F.No. 1/1 (P) at Polacheri Village, Thiruporur Taluk and Kanchipuram District	28319 cu.m of Savudu for 50 Days	Recommended
57	3958	R.Rameshkumar, S/o. Rajamani, Pandiyampalayam , Perunthurai Taluk, Erode District. Mobile No. 9443103997	4.69.0H a	S.F.No: 123 (P) of Navani Village in Namakkal Taluk, Namakkal District	42210 cu.m of Gravel for 11 Months	Recommended
58	3973	S.Nagamani, S/o. Sivaprakasam, No.154, Mettur Main Road, Near Railway gate, Omalur Taluk, Salem District. Mobile No: 9600814533	4.20.0H a	S.F.No. 354 (P) & 342 (P) of Morur Village in Sankari Taluk, Salem District	42000 cu.m of Gravel for 11 Months	Recommended
59	4017	K. Senthil Kumar, S/o. Chandrasekaran, No. 35/B, Mariamman Koil street, Keelapuram, Mannargudi Taluk, Thiruvavur District Mobile No. 7639305300	3.41.5H a	S. f. No. 517/1 etc, Kazhiyappanallur village, Tharangambadi Taluk, Nagapattinam District	60000 cu.m of Savudu for 3 Years	Recommended
60	4018	A. Jayalakshmi, W/o. Ariyaputhiran, Anniyur Village, Vikkiravandi Taluk,	0.01.14 Ha	S. F. No. 486/1 (P), Anniyur Village, Vikkiravandi Taluk, Viluppuram District	114 cu.m of Earth for 15 Days	Recommended

		Viluppuram District Mobile No. 9789555400					
61	4023	Thiru. C.Ramki, S/o.Chinnappa, No.492/1,79B, Vadakkupatti Pallathuveethi, Alangudi Taluk, Pudukottai District-622301 Mobile No: 9840887810	2.83.0H a	S.F.No. 250/2 (P) at Vichoor Village, Uthiramerur Taluk and Kanchipuram District	28300 cu.m of Savudu for 50 Days	Recommended	
62	4095	D.Senthilnathan, S/o.Duraisamy, No: 111, Sandaipettai Nagappa Road, Arimalam, Pudukottai District - 622201 Mobile No: 9445312945	3.14.85 Ha	S.F.No. 65/A (P) at Mailai Village, Tiruporur Taluk and Kanchipuram District	18000 cu.m of Savudu for 30 Days	Recommended	
63	4016	Thiru.S.Balamuru gan, S/o. Shanmugam, No.205, North Street, Nambukuzhi, Vallathirakottai Post, Alangudi Taluk, Pudukottai District. Mobile No. 9842022075, 9842474074	4.75.0H a	S.F.No: 186 (P) (Periakulam) of Gundur Village in Thiurverumbur Taluk, Tiruchirappalli District	47500 cu.m of Gravel for 11 Months	Recommended	
64	4093	Thiru. P. Aiel Kumar 279, Pullapuram 7Th Street, Keelpakkam, Chennai	3.14.55	S.F.No. 200 (P) Puliyur Village, Thirukalukundran Taluk, Kancheepuram District	28310 cu.m of Earth for 50 Days	Recommended	
65	4098	Thiru. R. Sakthivel 2/126B,Thenral Nagar, Ilanchavur Post, Thirumayam Taluk, Pudukkottai District	3.14.40	S.F.No. 724 (P) Enathur Village, Kancheepuram Taluk, Kancheepuram District	28296 cu.m of Savudu for 30 Days	Recommended	

66	4097	Thiru. N. Veerapan S/O.Nallu, 8B,Udaiyar Street, Keelatheru, Harijon Colony, Nedungudi, Thirumayam Taluk, Pudukkottai District	1.89.0	S.F.No. 452/6 (P) Veliyur Village, Kancheepuram Taluk, Kancheepuram District	17010 cu.m of Savudu for 30 Days	Recommended
67	4096	Thiru. V. Raghuvaran No.5/84, Thirupunavasal Avudaiar Koil Pudukkottai District	3.15.0	S.F.No. 63 (P) Thandarai Village, Uthiramerur Taluk, Kancheepuram District	28350 cu.m of Savudu for 50 Days	Recommended
68	4060	Thiru. P. Karthick No.3/99, Bazanaikovil Street Chembarambakka m Chennai	3.17.25	S.F.No. 235/1 (P) Venmanambudur Village, Tiruvallur Taluk	28552 cu.m of Savudu for 60 Days	Recommended
69	4076	S. Sudhakar No.1, Pillaiyar Koil Street Rangapuram, Vellore-632009	2.00.0	430/1A1(P) Nandhiyalam Village, Walajah Taluk	20000 cu.m of Earth for 6 Months	Recommended
70	2155	Thiru P. Yogaraja V.Perumalpatti Thottappanaicken ur Usilampatti Taluk Madurai - 625 532	0.95.0	S.F.No. 475/20, 477/1, 2, 3, 4, Thottappanaicken ur Village, Usilampatti Taluk	6383 cu.m of Gravel for 11 Months	Recommended
71	2456	Thiru P.K.Appu No 3/362, Mallapuram East Peraiyur Taluk Madurai- 625 535	2.51.5	S.F.No. 65/1A1, 2A1, 66/2C, Mallapuram Village, Peraiyur Taluk	35422 cu.m of Gravel for 11 Months	Recommended
72	3038	Thiru A. Muthuramalingam No 7/35, Harijan Middle Street Mudukulathur Village & Taluk Ramanathapuram - 623 704	2.09.5	S.F.No. 416/4C, 416/6, 428/8, 428/9, T.Punavasal Village, Kamuthi Taluk	15480 cu.m of Gravel for 1 Year	Recommended
73	3152	Thiru K. Ranjithkumar No 2/659, Gomathipuram Melamadai, Malligai Street	1.39.5	S.F.No. 19/6A, 19/6B, 20/1B3, 20/3, 4, ponjuthi Village, Melur Taluk	19070 cu.m of Gravel for 11 Months	Recommended

		Madurai North Taluk Madurai - 625 020					
74	3193	Thiru R. Mokkaisamy S/o. Ramasamy Thevar, Pillaiyarpalayam, Thelungu Chettiyar Street Valaiyathupatti, Poothipuram Bodhinaickanur Taluk Theni - 625 531	4.06.0	S.F.No. 93/2, 5, 102/1, 2A, 103/1B,4, 5, 106/1, 106/3A & 3B Kodankipatti Village, Bodinaickanur Taluk	28570 cu.m of Gravel for 2 Years	Recommended	
75	3245	Thiru T. Mahendiran No 2/168, Vaniyantal Anjukoottai Post Thiruvadanai Taluk Ramanthapuram - 623 407	0.50.0	S.F.No. 188/1 Sekkanur Village, Anaicut Taluk	6000 cu.m of Earth for 6 Months	Recommended	
76	3324	Thiru K.C.Bose No 25/2, Ulagathevar 2nd Street Cumbum, Uthamapalayam Taluk Theni - 625 516	1.22.5	S.F.No. 901(P), C.Pudupatti Village, Uthamapalayam Taluk	9916 cu.m of Earth for 2 Years	Recommended	
77	3499	S.V.Duraipandi S/o. Vellaisamy Nadar Kamachi Chamber Bricks 88. R.C Church Complex Manamadurai Sivaganga District - 630606	0.42.0	S.F.No. 328/1B,5A&338/2, V.Pudukkulam Village, Manamadurai Taluk	2170 cu.m of Savudu for 6 Months	Recommended	
78	3667	Thiru S.Diwaraj Sri Vanangamudi Chamber Bricks, Bye Pass Road, Near New bus stand, Manamadurai - 630 606	1.22.0	S.F.No. 47/1(P) Vengalur Village, Paramakudi Taluk	16700 cu.m of Brick Earth for 1 Year	Recommended	

79	3754	Thiru Thirupathi No.58, Boopathi Street, Natrampalli, Vellore District	0.84.0	S.F.No. 696/1C, 2C, 3C, 697/1C1, 1C5 & 697/1D2(Consent Patta Land) Kothur Village, Natrampalli Taluk	2319 cu.m of Brick Earth for 1 Year	Recommended
80	3769	Thiru A.Ansar Ali 55, Kallampatti, Melur Taluk, Madurai District	1.17.0	S.F.No. 150/1A, 150/1B & 150/1D Vavidamarudur Village, Vadipatti Taluk Madurai District	23838 cu.m of Gravel for 11 Months	Recommended
81	3770	Thiru A.Ansar Ali 55, Kallampatti, Melur Taluk, Madurai District	0.78.0	S.F.No. 152/3A Vavidamarudur Village, Vadipatti Taluk	12672 cu.m of Gravel for 11 Months	Recommended
82	4064	Tmt. Tamil Selvi Sri Kamatchi Sun Chamber Bricks No.88, R.C. Church Complex Near SBI Manamadurai-630606	2.00.0	S.F.No. 88/2, 3, 94/3B & 5 Manjakkollai Village, Paramakudi Taluk	11860 cu.m of Brick Earth for 1 Year	Recommended
83	4083	Thiru. R. Singaperumal Vellaiammalpurma Uthamapalayam Theni 625545	4.45.5	20/4A, 20/4B, 20/4C, 20/4D, 20/6A, 20/6B, 22/1, 22/6 & 23/4 Seepalakottai Village Uthamapalayam Taluk Theni District	21696 cu.m of Gravel for 3 Years	Recommended
84	4091	Thiru. L. Jayapal No.25/B, Shiyamalavadana Street Kodambakkam Chennai 600024	3.78.0	185(P) Alamathi Village Ponneri Taluk Tiruvallur District	34020 cu.m of Savudu for 60 Days	Recommended
85	4092	Thiru. K. Sivakumar No.15/2, East Madha Koil Street Villivakkam Chennai-600 049	4.33.75	923/2 (P) Gnaiyar Village Ponneri Taluk Tiruvallur District	39038 cu.m of Savudu for 55 Days	Recommended
86	2976	Thiru M. Kaviarasan Mela Arasaradi Post Pudur Pandiyapuram Village Ottapidaram	1.96.0	S.F.No. 397 Poromboke Panchayath Tank, Samynatham Village, Ottapidaram Taluk	19599 cu.m of Charal Earth for 11 Months	Recommended

		Thoothukudi- 626 002					
87	3140	Thiru C. Pandian No 1/22A, Main Road Kaluneerkulam Village Post Alangulam Taluk Tirunelveli - 627 861	1.79.0	S.F.No. 237/1, 2, 3, 4, Seevalaperi Village, Palayamkottai Taluk	13470 cu.m of Earth for 11 Months	Recommended	
88	3348	Thiru M. Kanagalakshmi No 1/89, Governagiri Village Ottapidaram Taluk Thoothukudi - 628 401	2.00.5	S.F.No. 311/3, 311/4, 311/5, Panchalankurichi Village, Ottapidaram Taluk	23016 cu.m of Charal quartzite & 7672 cu.m of Charal Earth for 3 Years	Recommended	
89	3862	Thiru. S. Kumarasamy No.84-B/1, 20th Street Rahamath Nagar Maaraja Nagar Tirunelveli	1.56.6	S.F.No. 295/1(P) Elathur Village, Senkottai Taluk	14124 cu.m of Earth for 11 Months	Recommended	
90	4094	Thiru. V. Raghuvaran No.5-153/5- 137,Thirupunavas al Avudaiyar Koil Pudukkottai	3.14.40	86/2 (P) Kilambi Village Kancheepuram Taluk & District	28296 cu.m of Savudu for 50 Days	Recommended	
91	4099	Thiru. A. Venkat Reddy Works Coordinator KNR Construction Ltd., Nethaji Nagar Manamadurai Sivagangai 630606	4.08.0	97/2 (P) Kothangulam Village Paramakudi Taluk Ramanathapuram District	40800 cu.m of Earth for 9 Months	Recommended	
92	4100	Thiru. A. Venkat Reddy Works Coordinator KNR Construction Ltd., Nethaji Nagar Manamadurai Sivaganga630606	4.08.0	236 (P) Urapuli Village Paramakudi Taluk Ramanathapuram District	40800 cu.m of Earth for 9 Months	Recommended	

93	4101	Thiru. A. Venkat Reddy Works Coordinator KNR Construction Ltd., Nethaji Nagar Manamadurai Sivagangai 630606	4.09.0	163 (P) Konakulam Village Paramakudi Taluk Ramanathapuram District	40850 cu.m of Earth for 9 Months	Recommended	
94	2979	Thiru J. Mujipur Rahuman No 16/1, Raja Dinakar Aranmanai West Street Ramanathapuram Taluk Ramanathapuram - 623 501	0.76.0	S.F.No. 157/2F, 157/10, Mayakulam Village, Ramanathapuram Taluk	19599 cu.m of Charal Earth for 11 Months	Recommended	
95	3988	Thiru.M.R. Ashok Kumar No.1/113- Karunigar Street Gooniyapalayam Uthukottai Taluk, Tiruvallur	3.39.0	S.F.No. 18, 19, 20, 21, 22, 23 (P) & 41 PWD.Tank Pattaraiperumbudur Village, Tiruvallur Taluk	24300 cu.m of Savudu for 45 Days	Recommended	
96	3708	Thiru P. Sornavelammal W/o Pounraj No 6/3/4Q1, Elumalai Village Peraiyur Taluk Madurai - 625 535	3.41.0	S.F.No. 253/4, 5, 254/2, 254/1B Thullukutinayakanur Village, Peraiyur Taluk		Recommended	
97	3531	Thiru P. Senbagamoorthy No 2/280A, Bharathiyar Road Iravathanallur Madurai - 625 009	2.00.0	S.F.No. 13/1(P), Kuthiraikuthi Village, Madurai South Taluk	20000 cu.m of Gravel for 11 Months	Recommended	
98	4118	Thiru V. Karuthapandian No. 4/42B, Muppithadi Amman Kovil Street, Malaiyandikurichi, Sivagiri Taluk, Tirunelveli District	2.20.0	S.F.No.590/A(P) Malaiyandikurichi Village, Sivagiri Taluk, Tirunelveli District	19800 cu.m of Earth for 11 Months	Recommended	