

## 2015/2016 CBD GROUP

<b>HIGHWAY &amp; TRANSPORTATION GROUP</b>			
<b>S/No.</b>	<b>Reg. No</b>	<b>Project Title</b>	<b>Supervisor</b>
1.	EN251-5950/13	Use of stabilised soil blocks for paving as compared to cabro blocks.	Mr. Karimi
2.	EN251-5952/13	Use of recycled asphaltic concrete for unpaved road construction-case study in Bungoma county.	Mr. Mungathia
3.	EN251-5959/13	Traffic accidents and conflicts at T-junctions.	Eng. Wanyoike
4.	EN251-5960/13	Comparing the maintenance cost of rigid pavement (Mbagathi way) and the flexible pavements (Thika-Garissa Road).	Mr. Kirerah
5.	EN251-5971/13	Traffic road accidents along Nairobi-Thika highway, Kenya: a study of Kenyatta road-Kiganjo road section.	Prof. Gariy
6.	EN251-5979/13	Investigation of the effects of feedlot biomass (cattle manure) ash on the engineering properties of red coffee soil for sub-base material.	Mr. Karimi
7.	EN251-5947/13	Sustainability of non-motorized transport as an urban mobility alternative, a case study of Turkadero area, Eldoret, Kenya.	Prof. Gariy
8.	EN251-5964/13	Investigation of construction on former landfills, an experimental study.	Mr. Karimi
<b>STRUCTURE &amp; MATERIALS GROUP</b>			
9.	EN251-5945/13	Suitability of Quarry dust as a replacement of sand for manufacture of stabilised compressed building blocks.	Mr. Winja
10.	EN251-5948/13	Design of moveable bridge(submersible) at Likoni crossing, Mombasa	Mr. Njuki
11.	EN251-5949/13	Performance of uncrushed river stones as coarse aggregates for concrete production in Nandi county.	Mr. Brian Odero / Prof. Oyawa
12.	EN251-5983/13	An Investigation of use of Recycled Concrete for Road Pavements	Mr. Gathimba
13.	EN251-5951/13	Investigating the causes of cracks in buildings around Nairobi area.	Mr. Gathimba
14.	EN251-5954/13	Use of quarry dust to replace river sand in precast concrete products- an experimental study.	Mr. Winja

15.	EN251-5956/13	Investigating the effects of shredded plastics as a partial replacement of sand on the properties of concrete.	Mr. Brian Odera / Prof. Oyawa
16.	EN251-5966/13	The use of light gauge Steel for sustainable structural construction in Kenya	Mr. Njuki
17.	EN251-5968/13	A comparative study of design-build and design-bid-build methods of contracting projects in Kenya: A case study of Kenya power projects.	Mr. Winja
18.	EN251-5981/13	The effect of the replacement of river sand with volcanic ash on the structural strength on precast concrete wall panels.	Prof. (Eng.) Manguriu
19.	EN251-5974/13	Design of a 40m steel girder bridge with a steel deck at Karima in Kirinyaga County.	Mr. Njuki
20.	EN251-5976/13	Comparative study of the use of ferrocement technology, versus solid reinforced concrete in slabs construction.	Mr. Njuki
<b>WATER &amp; ENVIRONMENTAL ENGINEERING GROUP</b>			
21.	EN251-5946/13	Investigate flooding along Spine Road in Umoja Estate, between Mama Lucy Kibaki Hospital and Bee centre Round about.	Dr. Cheruyoit
22.	EN251-5984/13	Investigating rain water harvesting (IRWH) as a viable alternative to water availability and food security in Kajiado south constituency Loitokitok central-case study.	Dr. Cheruyoit
23.	EN251-5985/13	Integrated water harvesting to solve perennial water shortage problems at Machakos university college.	Mr. H. Mutua
24.	EN251-5961/13	Stabilisation of red coffee soil using rbi grade - 81 soil stabilizer.	Dr. Cheruyoit
25.	EN251-5977/13	Design of water supply at Visoi Nakuru county.	Mr. Kahsay
26.	EN251-5963/13	Evaluation of the performance of Kibwezi irrigation infrastructure -A case study of Kibwezi irrigation scheme	Dr. Cheruyoit
27.	EN251-5970/13	Evaluation of Mwea irrigation scheme performance and it's potential.	Dr. Cheruyoit
28.	EN251-5972/13	Sustainable water supply for Kiambu Institute of Science and Technology.	Dr. Cheruyoit