



Reference number: TIK/SY/002/2020

Description: Terms of Reference to develop an Open Data Platform on public school land in Kenya

Posting date: 19/03/2020

Deadline for submission: 02/04/2020

Brief on the Shule Yangu Alliance Campaign

Shule Yangu Alliance Campaign is a national network of like-minded stakeholders from civic, government and private sector working to ensure protection of public schools against illegal land-grabs, support the Government to issue title-deeds to public schools and support communities to own their schools. The Shule Yangu Alliance secretariat is hosted by one of its partners, Transparency International Kenya (TI-Kenya); a premier anti-corruption and good governance organization founded in 1999, and part of the global movement against corruption.

Background

In 2011 Kenya signed into the Open Government Initiative with a commitment to improve citizens access of information held by government. By doing so, the government has created an Open Data Portal through which several data sets on government transactions can be accessed publicly. The right to information is guaranteed in Article 35 (1) of the Constitution of Kenya where every citizen has the right of access to — (a) information held by the State; and (b) information held by another person and required for the exercise or protection of any right or fundamental freedom.

The Access to Information Act, 2016 which is also now in operation provides the legal framework through which the data on status of public-school land can be publicly accessed.

Despite these developments, one of the key challenges we continuously encounter in our work to protect public school from land grabbing is lack of information and documentation about school land i.e. map of school, size of land, presence of ownership documents (allotment letter, Part Development Plan (PDP), lease certificate, title deed etc. This makes it a real uphill task for anyone who seeks to protect public schools given that there's little documentation on the titling process.

It is on this premise that Shule Yangu, in collaboration with the National Lands Commission (NLC) is seeking to develop an open data platform which when fully functional, will be able to publicly make information on titling, boundary and locations of all the 32,354 public schools in Kenya available at the touch of a button. This initiative has been an ambition for the Campaign as a means of tooling communities with relevant, accurate data about their schools with which they can use to protect them

from being grabbed or encroached.

Objectives of the Open Data Platform include the following:

1. Map out all 32,354 public schools and capture their locations accurately.
2. Match any available ownership documents
3. Present Bio Data for the schools i.e.
 - a. Primary Data: Student / teacher population, LR Number, size of land and ownership details, status of survey, disputes (including court cases)
 - b. Secondary Data: Contextual issues affecting learning at the school e.g. noise disturbances, state of WASH facilities, school relations with neighbors etc.
4. Indicate state of titling for each school
 - a. Highlight schools at risk differently from other schools
 - b. Provide indicative boundaries that a school knows belong to it.

The design of the platform is envisioned to be simple and very user friendly where there is use of maps desegregated into Counties, sub-counties, wards and other such relevant jurisdictions. The platform will have impressive analytical capabilities to enable one filter data by relevance e.g. comparison between schools in urban centers vs schools in rural settings, those titled versus those untitled, surveyed versus surveyed among other components.

With the surge in use of mobile phone-based apps, this platform will be configured to be usable over mobile handsets. A feature allowing feedback to the developers will be activated on the portal. On submission, the Shule Yangu team will verify the information before allowing any changes to the portal. This portal will allow communities to share their stories concerning school ownership, key actors involved in either protection or grabbing of school land and such.

The specific tasks of the developer will include;

1. Research and development which will include complete design, modelling and system component breakdown;
2. Database development (with analytical aspect and process tracking capabilities);
3. API development;
4. Admin-User interface development;
5. Front end development;
6. User friendly public portal.

The consultant will be expected to deliver on the above tasks as per the needs identified by Shule Yangu Alliance Campaign.

Deliverable

A comprehensive functional searchable offline database with analytics capabilities of all information relating to public school land in Kenya.

Duration

The developer will be expected to carry out the assignment within 30 days from the date of signing the contract. The substantive work is expected to start in **April 2020**.

Qualifications Required

1. Bachelor's degree in Computer science, software engineering, or related field;
2. Relevant training and /or experience in Graphic Design and /or Web design;
3. Thorough knowledge, understanding of and experience with web design demonstrated through Portfolio of designed products and websites;
4. Outstanding graphic design skills;
5. At least 3 years of experience in designing visions and layout for web portals;
6. Experience with CMS – open-source, proprietary and custom solutions;
7. Knowledge of and experience with designing, developing and implementing themes/skins for Drupal/WordPress CMS, as well as for proprietary and custom CMS solutions;
8. Familiarity with W3C web standards for web design, development, content and accessibility;
9. Knowledge of DHTML (HTML, CSS, JavaScript, Ajax), XHTML, XML.

Application Process

Qualified candidates should submit their expressions of interest, limited to 3 pages (max) including the following:

- Portfolio on their previous relevant experience;
- A financial bid containing time and cost estimate for delivery of the above-described services
- Contact information of at least two independent referees with proven knowledge of the applicant's expertise and relevant work experience.

Complaints process

This call for Expression of Interest does not constitute a solicitation and TI-Kenya, on behalf of Shule Yangu Alliance Campaign reserves the right to change or cancel the requirement at any time during the EOI process. TI-Kenya also reserves the right to require compliance with additional conditions as and when issuing the final solicitation documents. Submitting a reply to a call for EOI does not automatically guarantee receipt of the solicitation documents when issued. Invitations to bid or requests for proposals will be issued in accordance with TI-Kenya rules and procedures. Any grievances and or complaints arising from the evaluation process and final tender award can be addressed, in writing, to the Executive Director as well as the TI-Kenya Tender Complaints Committee.

Submission of bids

The deadline for submission of expressions of interest is **02/04/2020**.

Applications should be sent by email to **procurement@tikenya.org**. Please indicate **TIK/SY/002/2020-Open Data Platform on Public School Land in Kenya** on the subject line in your email application.