

Request for Expression of Interest
ROAD STABILIZATION CHEMICALS AND MATERIALS
WFP – SUDAN

Date of this *Request for EOI*: **12 October 2020**
 Closing date for receipt of *EOI*: **02 November 2020**
 Reference No: **EOI/SUD C0-012/2020**
 Address *EOI* to the attention of: **WFP-SUDAN Procurement Unit**
 Email the following address: Khartoum.Procurement@wfp.org

I. PROJECT INFORMATION

The United Nations World Food Programme (WFP) in Khartoum, Sudan seeks *Expressions of Interest* (EOIs) from vendors of materials and chemicals used in the stabilization of black cotton soils common to East Africa. Established companies with verifiable experience in providing such products and remotely or locally controlling quality implementation *in Africa* are encouraged to complete the UN supplier registration form.

It is anticipated that in 2020-2021 the Procurement Unit of UNWFP Sudan will issue tenders for civil works for village road and path improvement, rural road building, airstrip rehabilitation, river bank stabilization, and low water crossing improvements that will require physical and chemical enhancement of in situ soils (including sands). Eligible vendors who meet the prequalification criteria outlined in this *Request for Expressions of Interest* will be registered with the WFP Sudan Country Office vendor roster and may be invited to participate in upcoming tenders.

II. SPECIAL CONDITIONS

This *Request* does not contain a contractual offer of any kind. Any application submitted will be regarded solely as an intention to register and participate in WFP procurements, and not as a contractual commitment of any kind on the part of WFP. This *Request* is open to international companies as well as companies registered in the Republic of the Sudan.

III. TECHNICAL INFORMATION

Soil conditions in much of Central and East Africa are substandard for the construction of foundations, road subbases, and other permanent infrastructure due to the abundance of montmorillonite soils formed by decomposed basalt rock. Commonly called ‘black cotton soil’, they are extremely expansive when wet and are prone to substantial displacement under load. Below are some typical soils found in the area:

TYPE	GRAVEL	SAND	SILT & CLAY	LL	PL	PI	Location
Silty Clay	0%	22%	78%	43%	22%	20%	Akobo
Silty Clay	0%	34%	66%	31%	18%	13%	Rumaker
Silty Clay	2%	48%	50%	40%	12%	28%	Yuai
Sandy Clay	3%	47%	50%	54%	21%	33%	Pibor
Clayey Sand	8%	62%	30%	29%	14%	15%	Majok Nyin Thiou
Clayey Sand	0%	52%	48%	39%	16%	24%	Gudele (Juba)

These soils can be chemically stabilized through the addition of lime, cement, and propriety chemicals and mechanically stabilized with geotextiles and geocells. World Food Program seeks innovative, low cost solutions that can be accomplished with local labor to improve the serviceability of these soils, either through reducing plasticity and improving bearing capacity when saturated, or be mechanical containment, or both.



Figure 1 – Typical Black Cotton Soil in Sudan.



Figure 2 – Typical seasonal water crossing.

Additionally, low water crossings further reduce the traffic capacity of rural roads, both through reducing the days per year that routes are navigable, and by slowing and making routes hazardous when conditions are marginal. Solutions for improving low water crossings using local labor include reno mattresses, gabions, and low vent-area ratio fords (i.e. ‘vented fords’) using smaller culvert diameters that can be maneuvered without equipment (i.e. less than 1m diameter). Note that WFP requests solutions that are durable and can be installed by unskilled labor with reasonable supervision.

IV. SUBMISSION REQUIREMENTS

For consideration for pre-qualification, vendors are required to submit the following:

1. WFP **Supplier Registration Form** filled in completely, signed, and stamped. **Vendors must answer all questions on the attached form for the submission to be considered;**
2. **Business / trading license** from the country of registration for the current year;
3. Company profile and associated documents indicating the following:
 - a. The **type of services and works** the company provides;
 - b. Information about the **company structure** including ownership and management;
 - c. **Past projects** completed using similar materials and local labor.
4. Audited / certified **financial statement** for the last two (2) fiscal years. This shall include income statement, balance sheet, and, if applicable, any notes by the independent auditor. **Be assured that this information will be kept confidential;**
5. **Letter from the vendor’s bank** with letterhead of bank and the following details:

a. Bank name and address,	a. IBAN code,
b. Account name,	b. SWIFT code,
c. Currency of the account,	c. Intermediary bank account details if required.
d. Account number,	

V. IMPORTANT NOTICE

Any falsified, incomplete, or missing documents may result in the rejection of the application or cancellation of an already existing registration.

Regards,



 Denis Sidyane
 Head of Procurement Unit

WFP – Sudan