

	<ul style="list-style-type: none"> <input type="checkbox"/> Assist ESACRO of Manzini in contract negotiations. <input type="checkbox"/> Organize and attend a pre-construction site meeting with the contractor. 	<p>finalize the Bidding and Pre-construction services report.</p>
<p>Jobsite Work Implementation ,Supervision, Monitoring and Quality Assurance (QA)</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Undertake all quality assurance and quality control plans and related procedures. <input type="checkbox"/> Undertake all progress control and related procedures. <input type="checkbox"/> Undertake all cost control and related procedures. <input type="checkbox"/> Undertake verification of construction workmanship and materials. <input type="checkbox"/> Assist ESACRO of Manzini in the control of variation order and contract amendment procedures. <input type="checkbox"/> Review and approve as-built drawings. <input type="checkbox"/> Arrange, organize and document regular progress site meetings. <input type="checkbox"/> Review Contractor's site safety plan and ensure its compliance. <input type="checkbox"/> Manage Contractor's Work Substantial Completion - Client Provisional Handing Over. <input type="checkbox"/> Organize and participate (supervise) in all substantial acceptance tests, inspections, proceedings, start-up, commissioning, etc. and handover proceedings. <input type="checkbox"/> Assist in the start-up of project operation in adjusting, balancing, identifying deficiencies and assisting in obtaining corrections, and performing inspections prior to the end of the project defect liability period. 	<ul style="list-style-type: none"> <input type="checkbox"/> Review and approve contractor's construction schedule, detailed design, shop and erection drawings. <input type="checkbox"/> Material samples checking and approve using Technical Standard Submittal forms and receive factory/mills certificates <input type="checkbox"/> Review, measure and certify workmanship, materials and compliances <input type="checkbox"/> Review and coordinate with the ESACRO Organization for any Variation Orders (VO) <input type="checkbox"/> Prepare weekly and monthly progress reports <input type="checkbox"/> Issue the Certificate of Substantial Completion and Provisional Handover Certificate. <input type="checkbox"/> Prepare a Defect

	<ul style="list-style-type: none"> <input type="checkbox"/> During the Defect Liability Period (DLP), intervene as required and liaise with the contractor to fix in a timely manner any problem that arises and that are covered under the defect liability guarantee. <input type="checkbox"/> Provide ESACRO of Manzini with a final narrative, financial and photographic (before and after) report including lesson learned within 30 days from the date of issue of the Taking over Certificate for project site. <input type="checkbox"/> Technical documentations for declaration support. 	<p>List, and ensure that all defects are corrected within 14 days.</p> <ul style="list-style-type: none"> <input type="checkbox"/> Issue the Certificate of Final Completion after 6 months of DLP period and Final Handover Certificate.
		<ul style="list-style-type: none"> <input type="checkbox"/> Prepare Project Completion Report (PCR).
<p>Technical Support by Seconding Engineer</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Support ESACRO of Manzini in technical matters to complement the gap of technical staffs within ESACRO of Manzini <input type="checkbox"/> Perform regular technical task of assessment, design, preparation of construction documents, Bill of Quantities (BoQ) & EE, drawings <input type="checkbox"/> Construction supervision and QA and Certification etc. 	<ul style="list-style-type: none"> <input type="checkbox"/> Prepare weekly and monthly progress reports <input type="checkbox"/> Prepare technical/ construction documents including drawings, BoQ/EE <input type="checkbox"/> Quality checked and certifications <input type="checkbox"/> Issue certificates



SECTION 4

3. Deliverables based on the work plan: days of the Organization of Manzini's selection

The FBT Companies shall be responsible to carry out, on an as-and-when needed basis, the full range of services in accordance with the detailed scope of works. Detailed schedule of each of the services will be defined and agreed during the briefing meeting.

4. Methodology/Details of how the work should be delivered: Detailed methodology varies with each task listed in Annex 2, however standard professional and scientific methodologies including taking account of experiences, best practices and lesson learned shall be adopted to achieve the expected result. FBT Companies shall proceed with the assignment with consensus of the ESACRO Organization for any defined methodologies such as engineering survey by use of engineering equipment, site visits, observation, participatory community appraisal, analysis, measurements, plotting, management techniques, use of checklists/technical forms etc. that are being adopted for specific services.

Each assignment will be carried out with adequately qualified engineer/specialist. FBT will be asked to deploy subject specific engineer/specialist or team of engineers to undertake the assignment detailed for specific interventions and required phase. Contracts of each assignment or group of assignments along with Task Order (TO) as per the ESACRO Organization rules will be prepared.

FBT will provide technical support for the initial assessment, feasibility and design engineering, the bidding and pre-construction services and particularly jobsite implementation and monitoring for quality assurance. Prior to the assignment FBT engineers should review construction documents, drawings, BoQ, reports submitted by implementing partners.

The findings and results of the assessment should be discussed with the official of implementing partners, Private enterprises etc. and reflected in the prescribed report format. The ESACRO Organization will share the findings of the review with the concerned implementation partners and the government coordinating authority.

All construction documents prepared including design, BoQ/EE and tendering documents as well as results of all activities provided by FBT companies or FBT engineers shall be sole property of THE ESACRO ORGANIZATION and should be dealt with cautiously and confidentially.



All findings related to each assignment including raw data table, final database and report will remain the property of the ESACRO Organization and should be handed over to the ESACRO Organization including a soft copy upon completion of the assignment.

Duration of Assignment: The proposed contract period is one year (12 months).

Proposed payment schedule:

The ESACRO Organization shall pay the Company for each Contract issued and delivery made in accordance with the terms of the FBT, a sum which shall be based on the quantities ordered by the Organization and delivered by the Company, at the prices specified in this FBT as shall be agreed in the meeting and stipulated in the contract. A list of materials subject to Rise and Fall will be included.

The Company guarantees that the prices specified in this FBT, are the maximum prices that shall remain firm, shall not be increased during the entire term of the FBT, provided however that in the event that the Company is able to offer the ESACRO Organization a discounted price on placement of bulk orders, the unit prices shall be reduced for specific Contracts.

5. Performance indicators for evaluation of results:

The Company shall acknowledge that time and quality services shall be of the essence in performance of the FBT. It shall use its best endeavours to abide by the delivery periods of qualitative services within reasonable timeframe specified in Contracts. Performance of the companies will be closely monitored ensuring work progress is proceeding in accordance with the requirements. The contract will be evaluated based on the following performance indicators:

- Timely submission of schedule, mobilization of manpower and equipment
- Quality maintained and assured with the utilization of qualified professionals
- Timely completion of the task as per the agreed work plan and regular reporting
- Maintained up-to-date information of the assigned construction activities

6. Qualifications/specialized knowledge/experience required to complete



the task:

The consortium shall have the following capacity, experience and manpower:

a) The Engineering construction/Consulting Firm shall have minimum five (5) years experience in construction/rehabilitation/renovation works preferably Municipal and Residential Roads with appropriate and adequate human resources, equipment and other logistic supports required for the specialized construction/consulting services to execute construction/renovation management activities described in the scope of works.

b) Experience in construction, day to day site management, QA with required equipment specifically for projects related to roads. Should have direct experience in designing and managing construction works. c) Demonstrated experience in providing highest standard of quality assurance services for construction projects following the code of construction and procurement principals. d) The construction/ Consultancy Firm should be able to mobilize (more than one) teams (if required) which consist of one civil engineer and structural engineer simultaneously to conduct field assessment visits within stipulated and critical time period and have own transport and communication systems. e) The minimum staffing requirement is:

- One Project Manager/Team Leader based in liaison office who shall be Chartered Civil Engineer with more than 10 years' experience.
- QA Site Engineers (at the project site) to guarantee direct site supervision (daily or not less than twice a week or as per the ethical and professional norms). They shall be a Civil Engineer with more than 5 years relevant experience.
- Civil/Structural Engineer with more than 5 years relevant experience to guarantee structural integrity, satisfies the designs and constructions; Expected intermittent input. f) For daily supervision of the work, the consortium should be able to assign a full time QA Site Supervisor having diploma/graduate in civil engineering, have similar experience and good communication skill to guide the workers and to report concerns of the ESACRO Organization officials to every construction site. g) Very good quality control mechanism to ensure high quality engineering assessment data.

h) Able to implement its proposed implementation plan within the proposed schedule and budget. i) Adequate and appropriate logistical facilities and personnel.

j) The consortium /Consultancy Firm will have to maintain a liaison office in the project areas and be equipped with minimum working facilities (a



computer, a printer and a telephone) to serve as hub to coordinate the work at the field level as well as with the ESACRO Organization and related implementing partners. They should have facilities to conduct regular site supervision as per the agreed deliverables.

The ESACRO Organization reserves the right to request the Company to replace the assigned personnel if they are not performing to a level that the ESACRO Organization considers satisfactory. After written notification, the Company will provide CV of appropriate candidates within three (3) working days for the ESACRO Organization review and approval. The Company must replace the unsatisfactory personnel within seven (7) working 12

Eligibility The Request for proposal will ask for proposal from all C1 Contractors as graded by the Construction Industry Council (CIC).

Briefing meeting

A briefing meeting will be held at a time and place to be announced by the ESACRO Organization.

Bid Bonds The contractors will be required to submit together with the bid a bond to the amount of E50,000.00 (Fifty thousand Emalangen)

Financial Proposal. The financial proposal options (Not less than 60 Months re-payment) will be put together by the bidding company/ consortium. The bidder is expected to source finance / partner with a financial institution for the full implementation of all aspects of the project. The ESACRO Organization will not enter into a separate contract with the bidder's financier.

The ESACRO Organization Will provides a payment guarantee for the works to be done.

Bid Security. The bidder will be expected to submit bid security together with the bid, valid for the bid validity period being 120 days.

Variations.

All variations need to be approved by the ESACRO Organization (Employer) and the financier.

Risk Allocation

The ESACRO Organization will **NOT** take the risk of unforeseen conditions and relocation of services underground



Evaluation: All proposals will be evaluated using the evaluation criteria as indicated below. Bidders are advised to devote chapters of their submissions to demonstrate each of the criteria and be consistent with the tasks detailed in the scope of works.

Category: Points	
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Organizational Capacity and	10
Quality Control	10
Adequacy of the proposed work plan & approach	15
Expertise of the organization	10
Technical proposal and design	10
Previous experience in similar PPP financing	20
Equipment capabilities	10
Testing of existing pavement and analysis	5
Local Preference on citizen owned enterprise	10
TOTAL	100

Validity of Proposal: It is desirable that cost or rates quoted be valid for providing services mentioned in this Proposal for a period of one hundred and twenty (120) days. The validity of prices quoted must be clearly indicated on the Financial Proposal. It is understood that the fixed-rate arrangements may be extended for periods beyond the one-year duration subject to mutual agreement of both parties.

The ESACRO is expecting one submission which will contain both the technical and financial proposal.

Technical Designs

The ESACRO will need to be fully satisfied with designs and standards prior to award.



ANNEX 2
ESACRO ORGANIZATION
Summary of PPP Proposal
June 2019

Name of Project	Length (in Km)	Comments
Plot 1418 and 1241 Extension 12, Stanley Street, Trelawney Park Manzini Eswatini,	4,213 and 2,252 square meters totaling 6465m ²	will be subdivided in order to that will be used for the proposed development

