**REQUEST FOR PROPOSAL  
SPECIFICATION OF WORKS**

**Procurement No: 47-w001-23**

## Specification

Background

The primary function of the Betio berthing wharf is to facilitate safe passage of cargo and people from domestic and small vessels. KPA intends to improve the performance and delivery of this function through on-going maintenance of existing facilities and equipment. The current status of the Betio Wharf is deteriorating.

The wharf seawalls have been inspected by KPA jointly with MISE and the team has identified areas in need of work. Therefore, the objectives of this project is to have these areas repaired and/or replaced will help stave off the misfortune of the more costly damage and repairs typically associated with a complete seawall failure. The cost impact will not only affect KPA but also other stakeholders and businesses that depend on a durable wharf seawall.

### Requirements

All supporting documentation must be in English.

Please refer to the instruction on how to submit the tender.

### Related services

Services required include the trade in earthwork & Excavation concrete work, seawall building.

### Project Time & Final Delivery

Must be completed within 78 working days.

## Description of the Works

*Here, list all items to be Tendered*

*(This part may be replaced by a Procuring Entity or proprietary Contractor description)*

|  |  |  |  |
| --- | --- | --- | --- |
| Main Activity | Component | Description | Price (to be Tendered) |
| General |  | Includes team and site administrative responsibilities e.g stationery, transport, communication, site & security etc. |  |
| Preliminary | All preparation and supporting works to the actual construction work including, mobilisation and storage of material, machinery & equipment hire, etc. |  |
| Earth Work | Site Clearance | Clear site prior alignment and construction. E.g Dewatering and final clearing |  |
| Excavation | Excavate beach sand from wall footprint and below sediment bed as footing |  |
| Backfill | Importation of backfill materials |  |
| Concrete Work | Geotextile membrane | Provide and lay geotextile fabric or similar as detailed, including laps (Note: purchase 1 roll if does not sell out in meter. Make use of 10% contingency. |  |
| Cement mix | Mixing of concrete @ 1:2:4 mix |  |
| Sandbag | Filling and stacking of sandbag with concrete 25MPa for footing. |  |

Please refer to detail POQ

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Breakdown for sandbag seawall Repair** | | | | | | | | | |
| **Description** | | | | | | **Quantity** | **Unit** | **Rate** | **Total** |
| **Priliminary & General** | | | | | | | | | |
| Allow for procurement | | | | | | 1 | prov sum | $ | $ |
| Supervision | | | | | | 1 | prov sum | $ | $ |
| Dewatering | | | | | | 1 | prov sum | $ | $ |
| Allow for Transportation | | | | | | 1 | prov sum | $ | $ |
| Final Cleaning | | | | | | 1 | prov sum | $ | $ |
| **Extension of newly repaired seawall** | | | | | | | | | |
| Demolish the old seawall | | | | | | 1 | ls | $ | $ |
| Earthwork - Site Clearance, excavate 600mm Footing, Backfill and compact | | | | | | 140 | m3 | $ | $ |
| concrete work - Geotextile membrane, Potland Cement bags ad sandbags with 25pa for footing and revetment | | | | | | 24.75 | m3 | $ | $ |
| allow for tools, equipent and safety gears, | | | | | | 1 | ls | $ | $ |
| labour charge - earthwork, excavation & concrete work | | | | | | 1 | ls | $ | $ |
| **8m Seawall Repair** | | | | | | | | | |
| Demolish the old seawall | | | | | | 1 | ls | $ | $ |
| Earthwork - Site Clearance, excavate 600mm Footing, Backfill and compact | | | | | | 112 | m3 | $ | $ |
| concrete work - Geotextile membrane, Potland Cement bags ad sandbags with 25pa for footing and revetment | | | | | | 19.8 | m3 | $ | $ |
| allow for tools, equipent and safety gears | | | | | | 1 | ls | $ | $ |
| labour charge - earthwork, excavation & concrete work | | | | | | 1 | ls | $ | $ |
| **12m Seawall Repair** | | | | | | | | | |
| Demolish the old seawall | | | | | | 1 | ls | $ | $ |
| Earthwork - Site Clearance, excavate 600mm Footing, Backfill and compact | | | | | | 168 | m3 | $ | $ |
| concrete work - Geotextile membrane, Potland Cement bags ad sandbags with 25pa for footing and revetment | | | | | | 29.7 | m3 | $ | $ |
| allow for tools, equipent and safety gears | | | | | | 1 | ls | $ | $ |
| labour charge - earthwork, excavation & concrete work | | | | | | 1 | ls | $ | $ |
| **Backfill and compact Northern side of Mole starting from the repaired seawall.** | | | | | | | | | |
| Supply backfilling materials and mechancial compaction | | | | | | 806.4 | ls | $ | $ |
|  |  |  |  |  |  |  |  | Subtotal |  |
|  |  |  |  |  |  |  |  | Vat |  |
|  |  |  |  |  |  |  |  | Total |  |

## Tenderer’s References

### Relevant similar deliveries carried out in the last five years

Please, provide information on each delivery for which your firm/entity, either individually as a corporate entity or as one of the major companies within an association, was legally contracted.

|  |  |  |  |
| --- | --- | --- | --- |
| Works delivered | Reference | Contact details | Value |
|  |  |  |  |
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