

Bill of Quantities for Protection work for Honiara side abutment and wingwall (Abutment A) of Poha High Level Bridge.

| Item No. | Pay Item No. | Rate Code | Description | Qty | Unit | Rate (SBD\$) | Amount (SBD\$) |
|--------------------------|--------------|-----------|--|------|--------|---------------|-----------------|
| Group 1 - General | | | | | | | |
| | | | Insurances & Gurantees | | | | |
| 1.01 | | | Securities (CI 4.2 Conditions of Contract) | 1.00 | L.S | | |
| 1.02 | | | Premium for provide insurance (CI 18) | 3.00 | Months | | |
| 1.03 | | | Traffic management Plan | | | | |
| | | | Prepare | 1.00 | L.S. | | |
| | | | Review and Impliment | 3.00 | month | | |
| 1.04 | | | Provision of access to the site | 1.00 | L.S. | | |
| 1.05 | 1.18 | | Quality Mangement Plan (1.18) | | | | |
| | | | Prepare | 1.00 | L.S | | |
| | | | Review and Impliment | 3.00 | month | | |
| | | | | | | | |
| 1.06 | 1.19 | | Environmental Management Plan (1.19) | | | | |
| | | | Prepare | 1.00 | L.S | | |
| | | | Review and Impliment | 3.00 | month | | |

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| 1.07 | 1.23.1 | | Health and Safety Programme (1.23.1) | | | | |
| | | | Prepare | 1.00 | L.S | | |
| | | | Review and Impliment | 3.00 | month | | |
| | | | Safety Training Programme (1.23.3) | 3.00 | month | | |
| | | | | | | | |
| 1.08 | 1.20 | | social interaction (1.20) | | | | |
| | 1.20.2 | a | CLO Activities (1.20.2) | 2.00 | No | | |
| | 1.20.4 | b | Community Advisory Committee meetings (1.20.4) | 2.00 | No | | |
| | | | | | | | |
| 1.09 | 1.24 | | HIV/AIDS Awareness Programme (1.24) | 3.00 | month | | |
| | | | | | | | |
| 1.10 | | | Preparation of As-Built Drawings | 1.00 | LS | | |
| 1.11 | 1.22 | | Provisional sum for compensation (1.22) | 1.00 | PS | 20,000.00 | 20,000.00 |
| 1.12 | | | Provisional sum for unexploded ordinance | 1.00 | PS | 15,000.00 | 15,000.00 |

Total for Group 1

35,000.00

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| 2.01 | 2.1.2 | | Contractor's Establishment-Mobilisation(2.1.2) | | | | |
| | | a | Plant vehicles and equipment | 1.00 | L.S | | |
| | | b | Site office, camps and work shops including services furniture, tolets, communication, equipments and office supplies | 1.00 | L.S. | | |

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| 2.02 | 2.1.3 | | Contractor's Establishment-Maintenance (2.1.3) | | | | |
| | | a | Plant vehicles and equipment | 4.00 | month | | |
| | | | Site office, camps and work shops including services furniture, tolets, communication, equipments and office supplies | 3.00 | month | | |
| 2.03 | 2.1.4 | | Contractor's Establishment-De-Mobilisation(2.1.4) | | | | |
| | | a | Plant vehicles and equipment | 1.00 | L.S. | | |
| | | b | Site office, camps and work shops including services furniture, tolets, communication, equipments and office supplies | 1.00 | L.S. | | |
| | | c | De mobilisation of Contractor's facilities | 1.00 | L.S | | |
| 2.04 | 2.2.2 | | Engineer's Establishment-Mobilisation (2.2.2) | | | | |
| | 2.2.4 | a | Establishment of Engineer's Site Office(2.2.4) | 1.00 | L.S | | |
| | 2.2.5 | b | Furniture and Accessories for Site Office (2.2.5) | 1.00 | L.S | | |
| | 2.2.6 | c | Services for Engineer's Office including communication (2.2.6) | 3.00 | month | | |
| | 2.2.8 | d | Engineer's vehicles (2.2.8) | 3.00 | month | | |
| 2.05 | 2.2.3 | | Engineer's Establishment-Maintenance (2.2.3) | | | | |
| | 2.2.6 | a | Engineer's site office (2.2.6) | 3.00 | month | | |

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| | | b | Engineer's vehicles (2.2.8) | 3.00 | month | | |
| | 2.2.9 | c | Services for Engineer's Office including communication (2.2.9) | 3.00 | month | | |
| | | d | Stationery for Engineer's office | 1.00 | PS | 5,000.00 | 5,000.00 |
| | | | | | | | |
| 2.06 | | | Project Notice Boards | | | | |
| | | a | Provide | 1.00 | Nos | | |
| | | b | Maintain | 1.00 | Nos | | |
| | | c | Remove | 1.00 | Nos | | |
| Total Of Group 2 (Establishment) | | | | | | | 5,000.00 |
| Group 3 - Clearing, Grubbing and Stripping of Topsoil | | | | | | | |
| 3.01 | 3.5 | | Clearing Grubbing and Stripping of topsoil inclusive of backfilling holes and trenches caused by removal of stumps. | 1.24 | Ha | | |
| 3.02 | 3.5 | | Clearing of river stream crossing sites | 1.00 | L.S | | |
| 3.03 | | | Removal of tempory protection works | 1.00 | L.S. | | |
| Total of Group 3 (Clearing, Grubbing and Stripping of Topsoil) | | | | | | | - |
| Group 4 - Earthworks | | | | | | | |
| | 4.12 | | Excavation for Structural Foundation | | | | |
| 4.01 | 4.12.4 | | Excavation in unclassified soil and backfilling for Gabbion Wall | 600.00 | Cu.m. | | |
| 4.02 | 4.12.4 | | Rock requiring blasting | 60.00 | Cu.m. | | |

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| | 4.15 | | Earth Embankment | | | | |
| 4.03 | 4.22.2 | | Embankment Construction using available River Dredge (50-100)mm Granular Materials | 20.00 | Cu.m. | | |
| 4.04 | 4.22.2 | | Embankment Construction using Barrow River Dredge (50-100)mm Granular Materials | 10.00 | Cu.m. | | |
| Total Of Group 4 (Earthworks) | | | | | | | |
| Group 5 - Base and Sub Base Pavement Course | | | | | | | |
| 5.01 | 5.8.3 | | Supply,Placing and compation of Sub Base layer as per Engineer's instruction. | 15.00 | Cu.m. | | |
| Total Of Group 5 (Base and Sub Base Pavement Course) | | | | | | | |
| Group 6 - Bituminous Surface - (Not Used) | | | | | | | |
| | | | | | | | |
| Group 7 - Drainage- (Not Used) | | | | | | | |
| | | | | | | | |
| Total Of Group 7 (Drainage) | | | | | | | |
| Group 8 - Road Furniture and Markings - (Not Used) | | | | | | | |
| | | | | | | | |
| Group 9 - Masonary for Structures- (Not Used) | | | | | | | |
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| Group 10 - Piling for Structures (not used) | | | | | | | |
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| Group 11 - Falsework - (Not Used) | | | | | | | |

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| Group 12 - Formwork for Concrete | | | | | | | |
| 12.01 | 12.5 | | Rough Finish Formwork for sides of Road pavement | 5.00 | Sq.m | | |
| | | | | | | | |
| Total Of Group 12 (Formwork for Concrete) | | | | | | | |
| Group 13 - Steel Reinforcement | | | | | | | |
| 13.01 | 13.9.2 | | Fabricating & laying tor steel for road pavement, | 0.49 | Mt | | |
| 13.02 | | | 12mm Tie Bars @600mm CC | 55.00 | Nos | | |
| Total Of Group 13 (Steel Reinforcement) | | | | | | | |
| Group 14 - Concrete for Structures | | | | | | | |
| 14.01 | 14.16 | | Concrete of grade 20 (19mm) in Road pavement | 19.20 | Cu.m. | | |
| Total Of Group 14 (Concrete for Structures) | | | | | | | |
| Group 15 - Structural Steelwork - (Not Used) | | | | | | | |
| | | | | | | | |
| Group 16 - Protection of Steelwork- (Not Used) | | | | | | | |
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| Group 17 - Miscellaneous Bridgeworks Items- (Not Used) | | | | | | | |
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| Group 18 - River Training and Bank Protection | | | | | | | |
| | | | Gabbion Wall | | | | |

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|---|--------|--|--|---------|------|--|--|
| 18.01 | 18.5 | | Constructing PVC Coated Gabbion wall with rubble | 985.00 | Cu.m | | |
| 18.02 | 18.6.3 | | Supply and Laying Geo Textile in soil surface of the Gabion wall & Toe wall, as a per the drawing. | 1220.00 | Sq.m | | |
| 18.03 | | | Reno mattresses for protec River Bed and Embankmnet protection layer as per drawings | 125.00 | Cu.m | | |
| | | | Rock Rip Rap | | | | |
| 18.04 | 18.7 | | Grouted rip rap filled with Concrete mortar as per drawing. | 25.50 | Cu.m | | |
| Total Of Group 18 (River Training and Bank Protection) | | | | | | | |