

Tender for Construction of Reinforced Concrete Retaining Walls and Ancillary Concrete Works - AMER'S GHAUT CULVERT AGCI-NBR Upstream					
Preambles A. Civil Engineering Standard Method of Measurement (CESMM3) is utilised to prepare the quantities of work expressed and henceforth forms the basis of measurement. B. The contractor shall be deemed to have revised all the tender documents, inspected and examined the site and it's surroundings, and have satisfied himself to the nature of the ground and subsoil before submitting their tender. He shall also be deemed to have taken into account the form and nature of the site, the extent and nature of the work and materials necessary for the completion of the works, the means of communication with and access to the site, the accommodation he may require and in general to have C. Any discrepancy between the Specifications and Drawings and Bills of Quantities shall be brought to the notice of the Engineer in writing before work which is the subject of the discrepancy is commenced. Dimensions and sizes shown in the drawings shall generally take precedence over those stated in the Specifications. D. Payments due under the contract shall be determined by applying the unit rates to the quantities executed for the respective items, in accordance with the BoQ and contract. E. The Contractor should note that the cost of all work carried out in the construction of junctions, access roads or access to properties shall be based on tendered rates under the appropriates items in the Bills of Quantities and no claim for additional payment for this work shall be considered.					
Item	Description	Units	Quantity	Rate	Total
1.00	Mobilization				
1.02	Contractor's preliminaries, mobilisation/demobilisation and insurance cost. The contractor shall be responsible for the safety of the employees during the construction phase. It is the contractor's responsibilty to make contact with all utilities prior to commencement of works.	L.S	1.00		
2.00	Reinforced Concrete Retaining Wall - Upstream - 18.5 m long				
2.01	Excavate for footing of retaining wall beam and base of specified width and maximum depth not exceeding 1.5 metres. Excavation to be undertaken within compacted hardcore base. Include for carting material away from site. All in compliance with Sheet Nos.01 & 02a.	L.S	1.00		
2.02	Reinforced Concrete Retaining Wall Supply and cast the specified concrete for all bill of items described below. Price shall include cost for formwork and shoring; cost of supplying and placing concrete; cost of supplying, fabricating and placing the required steel reinforcement as per the drawings and specifications; costs of material, equipment and workmanship; all the associated cost with the item.				
2.02.1	Supply and cast 75mm thick concrete blinding of 10 Mpa @ 28-days strength to form underlayer of retaining wall base in accordance with specification on Sheet Nos.01 & 02a.	m ²	38.00		
2.02.2	Supply and cast concrete of 30 Mpa @ 28-days strength to retaining wall in accordance with Sheets Nos.01 and 04 details (i.e. for base and vertical wall) including for preparation, formwork and shoring; supplying all necessary materials. All according to specifications, drawings, and directions of the Engineer.	m ³	58.00		
2.01.3	Reinforcement for Retaining Wall - Stem In compliance with drawing details provided on Sheet Nos.01 & 02a, supply, fabricate and place T16 (5/8") reinforcement for the retaining wall stem	kg	1060.00		
2.01.4	In compliance with drawing details provided on Sheet Nos.01 & 02a, supply, fabricate and place T12 (1/2") reinforcement for the retaining wall stem.	kg	1470.00		
2.01.3	Reinforcement for Retaining Wall - Base In compliance with drawing details provided on Sheet No.02a, supply, fabricate and place T16 (5/8") reinforcement for the retaining wall base.	kg	352.00		
2.01.4	In compliance with drawing details provided on Sheet No. 02a, Section A supply, fabricate fabricate and place T12 (1/2") reinforcement for retaining wall base.	kg	595.00		
2.04	Scour Protection/ Ground Beam In compliance with drawing details provided on Sheet No.02a Section G details, supply and place T16 (5/8") reinforcement for ground beam of retaining wall.	kg	15.00		
2.05	In compliance with drawing details provided on Sheet No.02a, Section G details supply and place T20 (3/4") reinforcement for ground beam of retaining wall.	kg	70.00		
2.06	In compliance with drawing details provided on Sheet No.02a, Section G details supply and place T10 (3/8") tensile links ground beam as per Sheet No.02a.	kg	50.00		
2.07	Supply and cast concrete of 30 Mpa @ 28-days strength to ground beam in accordance with Sheet No.02a Section G details. Include for preparation, formwork and shoring; supplying all necessary materials. All according to specifications, drawings, and directions of the Engineer.	m ³	1.11		
Subtotal Carried Forward					