

**MUNICIPAL ENGINEER'S DEPARTMENT**  
**COLOMBO MUNICIPAL COUNCIL**

**PROPOSED STORM WATER DRAIN SYSTEM AT MUTHUWELLA MAWATHA TO ALUTH MAWATHA (ST. JAMES STREET), COLOMBO 15**

ITEM	DESCRIPTION	UNIT	QTY.	RATE	AMOUNT
	<b><u>Bill No 01</u></b>				
	<b>Preliminaries</b>				
1.1	Provisional sum for providing Performance security.		Provisional sum		35,000.00
1.2	Provisional sum for providing an Advance Payment security.		Provisional sum		125,000.00
1.3	Provisional sum for insurance of the works, Machinery & equipment, Plant, Materials, third party persons & property and Employer's personnel & property at site as per contract.		Provisional sum		50,000.00
1.4	Provisional sum for insurance of against accident and injury to contractor's personnel as per the contract..		Provisional sum		50,000.00
	<b>Contractor's Facilities</b>				
1.5	Allow lump sum for constructing, maintaining, dismantling and removal on completion of the works, a temporary site office of adequate size including staff rest room and toilets and other facilities for the contractor's site management staff in accordance with the plans prepared by the Contractor and concurred by the Engineer.	Item			
1.6	Allow lump sum for constructing, maintaining, dismantling and removal on completion of the works, building to be used as workshops and stores for perishable materials. Buildings shall be constructed in accordance with the drawing prepared by the Contractor and concurred by the Engineer. The lump sum shall also include for altering, modifying or dismantling and re-erecting within the site all temporary buildings/structures if required.	Item			

ITEM	DESCRIPTION	UNIT	QTY.	RATE	AMOUNT
1.7	<p>Allow lump sum for constructing, maintaining, dismantling and removal on completion, of the works, temporary building to in accordance with the plans prepared by the Contractor and concurred by the Engineer to accommodate by the following:</p> <p>a) Workers' rest room, canteen facilities, kitchen  b) Toilet &amp; wash areas.  c) Sick/First - Aid room  d) Accommodation for Contractor's staff and workmen including sanitary facilities on site of applicable.  Facilities to workmen shall conform to the latest public health and industrial regulation.</p>	Item			
1.8	Allow lump sum for providing Accommodation including sanitary facilities and transport Contractor's staff and workment off site.	Item			
1.9	Allow lump sum for providing telephone and facsimile facilities, electricity and water services for the contractor's site office for their use in connection with the works.	Item			
1.10	Allow lump sum for maintenance, rental, consumption charges etc. for telephone and facsimile facilities, electricity and water services for the contractor's site office for their use in connection with the works.	Item			
1.11	Allow lump sum for contractor's transport facilities at site.	Item			
	<b><u>QUALITY, STANDARDS &amp; PROGRESS</u></b>				
1.12	Allow Lump sum for provision of progress report photographic record and other schedules including in the ICTAD publication-Guideline for Effective Construction Management. (ICTAD/CM/01), relevant to contract administration as directed by the Engineer.	Item			

ITEM	DESCRIPTION	UNIT	QTY.	RATE	AMOUNT
1.13	Allow lump sum for all cost in connection with preparing samples for testing, making arrangement for testing of materials, goods etc, as stipulated in the specification, obtaining test reports and submitting the same to the Engineer.	Item			
1.14	Allow lump sum for provision of shop drawings, bar schedules etc.for Engineer's approval.	Item			
1.15	Allow lump sum for provision of 2 sets of (hard copies and soft copies) as-built drawings of all services, for Engineer's approval.	Item			
	<b><u>Health, Safety &amp; Environment</u></b>				
1.16	Allow lump sum for following services throughout the period of construction for Engineer's office, contractor's site office and worker's rest room and other facilities;  a) Employing Workmen to clean and maintain all areas to be in good hygienic conditions including toilets, wash areas, kitchen etc. rest room, canteen facilities, kitchen  b) Supplying adequate drinking water, water for washing purposes, soap, detergent, etc. throughout the period of construction.	Item			
1.17	Allow Lump sum for providing all necessary safety measures to workmen at site conforming to the latest industrial safety regulation and as directed by the Engineer.	Item			
1.18	Allow Lump sum for making adequate provision against air and noise pollution of surrounding areas. Hoarding and dust screens shall be provided to control dust escaping to surrounding areas.	Item			
1.19	Allow Lump sum for maintaining the site in a clean and orderly manner at all times and during the entire contract period.	Item			

ITEM	DESCRIPTION	UNIT	QTY.	RATE	AMOUNT
1.20	Allow Lump sum for demobilization, removal of all rubbish & debris and clearing up site on completion, leaving all in good order and handing over.	Item			
1.21	Allow Lump sum for employing an adequate number of security personnel and security system on full time basis throughout the period of construction, and provide for necessary security lighting and a warning system.	Item			
1.22	Allow lump sum for providing and maintaining necessary fencing, hoarding, and gates for safeguarding the works, materials and plant as directed by the Engineer.	Item			
1.23	Allow lump sum for protection of public and private services at site. The contractor shall take due care to protect, water supply and drainage systems, telephone and overhead/buried electrical cables etc. whose location are identified and made available to the bidder at the time of bidding, unless earmarked for demolition, during the execution of the works. the contractor is to make good any cause within his control at his own expense or pay any cost and charges in connection therewith.	Item			
1.24	Allow lump sum for supply of water for the works and paying all charges and other expenses in connection with the supply from water mains or any other alternative method of water supply, storage and reticulation.	Item			
1.25	Allow lump sum for supplying temporary electricity for the works including connection, distribution system for the works, internal arrangements and all payments to the authorities for consumption.	Item			
1.26	Allow lump sum for providing small machinery and equipment for the use of the works at site.	Item			

ITEM	DESCRIPTION	UNIT	QTY.	RATE	AMOUNT
1.27	Allow lump sum for stamp duty in accordance with the prevailing regulations of the Government.	Item			
1.28	Allow lump sum for providing and maintaining a name board to the specifications and/or directed by the Engineer.	Item			
1.29	Allow lump sum for excavation for trial pits/trial trenches as specified or as directed by the engineer as for location services etc. and reinstating the ground and making good disturbed work to the satisfaction of the Engineer.	Item			
	<b>Total</b>				

## MUNICIPAL ENGINEER'S DEPARTMENT

## COLOMBO MUNICIPAL COUNCIL

## PROPOSED STORM WATER DRAIN SYSTEM AT MUTHUWELLA MAWATHA TO ALUTH

## MAWATHA (ST.JAME'S STREET), COLOMBO -15.

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1.0	<b>Bill No - 01</b> Preliminaries <b>Note:-</b> 1. All the items below rate included for supplying of materials. 2. Prior to do pricing the contractor is advised to do a detail inspection of the site.				
2.0	<b>Bill No - 02</b> Note :- Road Cutting Permit should be taken by the contractor from the Central Road Maintenance Unit (CRMU of CMC)				
2.1	Removing of pre-mixed surface and temporary reinstate dealing with all existing utility services. <b>Note: Permanent reinstatement should be done by CRMU of CMC and reinstatement cost has to be paid to CRMU separately by the contractor.</b>	m <sup>2</sup>	300.0		
2.2	Permanent reinstatement of damage bitumen surface in pre- mixed road .	Provisional sum			4,357,500.00
2.3	Demolishing existing concrete drains,hume pipes,cover slabs and removing debries away from the site.	Item	Allow	Sum	
2.4	<b>DRAIN WORK</b> Item shall include, excavation in trenches, preparation of surfaces, Removal of excess earth, form work, shoring, dewatering, backfilling and compaction with suitable available or imported materials by 150mm thick compacted layers Lay and join to complete working order.				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
<b>2.4.1</b>	<b>HALF ROUND CHANNEL</b>				
2.4.1.1	Providing and placing 50mm thk 1:3:6(25mm) screed concrete and 75mm thk 1:2:4(20mm) grade 20 concrete bed to place 300mm dia single reinforced Half Round Channels fixed with 1:2 cement:sand plaster to approved gradient. Rate to include for raise the walls in both sides with Grade 20 concrete.(As per the detail drawing - A)				
2.4.1.1.1	Depth not exceeding 0.8m	Lm	390.50		
2.4.1.2	Providing and placing 50mm thk 1:3:6(25mm) screed concrete and 75mm thk 1:2:4(20mm) grade 20 concrete bed to place 450mm dia single reinforced Half Round Channels fixed with 1:2 cement:sand plaster to approved gradient. Rate to include for raise the walls in both sides with Grade 20 concrete.(As per the				
2.4.1.2.1	Depth not exceeding 0.8m	Lm	67.50		
<b>2.4.2</b>	<b>BOX DRAIN</b>				
2.4.2	500 mm X 500 mm RCC Box drain, 50mm thick screed with 1:3:6 (25mm) cement concrete & 200mm thick base, top slab and walls with 1:2:4 (20mm) cement concrete, Double reinforced Box Drain (As per the detail drawing - C).	Lm	8.00		
<b>2.4.3</b>	<b>COVER SLABS</b>				
2.4.3.1	Casting, curing and placing of 550x450x125mm dimension 1:2:4(20) RCC cover slabs. (As per the detail drawing - A)	Nos	868.00		
2.4.3.2	Casting, curing and placing of 750x450x125mm dimension 1:2:4(20) RCC cover slabs. (As per the detail drawing - B)	Nos	150.00		
<b>2.5</b>	<b>GULLY (WITH GRATING ON TOP)</b> Item shall include for excavation, removal of excess earth, preparation of surface, shoring, form work,dewatering, backfilling and compaction with suitable imported material 150mm thick compacted layers. Supply & fix DI grating on top.  500X 300mm internal dimensions, 75mm thick screed with 1:3:6 (25mm) cement concrete & 125mm thick base and walls with 1:2:4(20mm) concrete rectangular GULLY. Rate to include for 1:3 cement sand plaster in benching and concrete walls should have a satisfactory smooth finish, plastering not allowed (As per detail drawing - D).				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
2.5.1	Invert depth upto 1.0m	Nos	4.00		
<b>2.6</b>	<b>DIVERSION</b>				
	Storm water flow diversion during the construction period.	Item	Allow	Sum	
<b>2.7</b>	Protection of other services. (Rate shall include for precautions to these service lines or diverting them and repairs to structures if it is damaged due to construction processes.)			Provisional sum	500,000.00
	<b>TOTAL</b>				

SUMMARY	
Bill No 01 Preliminaries	
Bill No-2 Strom Water Drain	
Sub Total	
10% Contingencies	
Grand Total	
12% VAT	
<b>Project Amount</b>	

Bidder's Signature :

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