

**Establishment of Flood Mitigation Measures in Gdh. Thinadhoo**

**Summary**

<b>Schedule no:</b>	<b>Description</b>	<b>Total</b>
<b>1</b>	Schedule 1- Design	
<b>2</b>	Schedule 2- General Works	
<b>3</b>	Schedule 3 - Gravity Storm Water Drainage System	
<b>4</b>	Schedule 4- Provsional Sums	
<b>5</b>	Schedule 5- Additions and Ommisions	
	<b>Subtotal</b>	
	<b>GST (6%)</b>	
	<b>Total</b>	

**Schedule 1- Design**

<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Rate</b>	<b>Total</b>
<b>1</b>	Survey			
	Carrying out the Topographic, Bathymatric and Social Surveys as specified in the Employers Requirment	LS		
<b>2</b>	Concept Design			
	Preperation of Concept Design for Storm Water Drainage System as specified in the Employers Requirement	LS		
<b>3</b>	EIA			
	Carrying out the EIA for the project based on concept Design Report and as specified in the Employers Requirement			
<b>4</b>	Detailed Design			
	Preperation of Detailed Design for Storm Water Drainage System as specified in the Employers Requirement	LS		
	<b>Total</b>			

**Schedule 2- General Works**

Item	Description	Unit	Rate	Total
<b>1</b>	Contractual Requirements	LS		
	Provide & Maintain all necessary Insurances, Guarantees and Securities.			
<b>2</b>	Project Management	LS		
	Allow for all on and off site management cost including costs of foreman and assistants, temporary services, telephone, fax, hoardings & similar.			
<b>3</b>	Mobilisation	LS		
	Allow for Establishment of Contractors office, Labour Camps and transportaion of Equipment and Materials etc			
<b>4</b>	Site Preperation	LS		
	Clearing grass, bushes, shrubs, saplings, uprooting rank vegetation all along the pipeline route and removal & disposal of rubbish to approved tips anywhere in the island as directed by the Engineer-in-charge, etc			
	<b>Total</b>			

**Schedule 3 - Gravity Storm Water Drainage System**

Item	Description	Unit	Rate	Total
<b>1</b>	<b>Gravity Drainage network</b>	LS		
	Supply and Installation of network and Intallation of catch pits, and other network components as per the approved detail design and drawings , etc			
<b>2</b>	<b>Pumping mains Network</b>	LS		
	Supply and Installation of HDPE pumping main as per the approved drawings etc.			
<b>3</b>	<b>Supply and Intallation of Pumps</b>	LS		
	Supply and Installtion of all pumps required for pumping stations/liftstation or outfall discharge station as per the approved drawings			
<b>4</b>	<b>Civil Works for Pump Stations</b>	LS		
	Carrying out the concrete works and finishing works of PS/LS as per the approved drawings and Employers requirement etc			
<b>5</b>	<b>Sea outfall</b>	LS		
	Installtion of HDPE pipes as per the approved drawings			
<b>6</b>	<b>Mechanical and Electrical</b>	LS		
	Supply and Installation of electrical and mechanical components required as per approved drawings including provision of power supply from feeder cable			
<b>7</b>	<b>Provision of Equipments for O&amp;M and Spare parts</b>	LS		
	Providing spare parts and Equipments required for operation and maintances of the system including O&M Manuals etc as per the employers requirments and approved designs			
<b>8</b>	<b>Testing &amp; Commissioning</b>	LS		
	Carrying out testing and commissioning as per the employers requirment for all components of the system			
	<b>Total</b>			

**Schedule 4- Provsional Sums**

Item	Description	Unit	Qty	Rate	Total
<b>1.0</b>	<b>Schedule 3 - Gravity Storm Water Drainage System</b>				
1.1	<i>Installation of catch pits as per the approved drawings</i>	nos	20		
1.2	<i>Installation of Gravity Network (Pipe or Aquacell)</i>	m	50		
	<b>Total</b>				

**Schedule 5- Additions and Ommisions**

Item	Description	Unit	Qty	Rate	Total
<b>1.0</b>	<b>0</b>				
1.1					
	<b>Total</b>				