

Reefer gantry steel tower construction

Item No.	Item Description	Unit	Qty	Unit Price EGP	Total Price EGP
A		70			
A- 01	SITE WORKS				
	General Conditions :				
	* The Site Works are according to The Drawings, The Technical Specifications and Directions of The Engineer.				
A- 01-1	Demolition and removal of miscellaneous defective areas of paving for reefer tower R.C raft base location according to drawings and The Technical Specifications and Directions of The Engineer.	M ²	70.0		
A- 01-2	Excavate, Load, haul and Transport Excavated Materials off-Site to approved disposal Location – Price includes compaction of subgrade according to specifications, necessary de-watering and shoring.	M ³	42.0		
A- 01-3	Sub-base supply, transport, filling and compaction (if needed) according to technical specifications	M ³	14.0		
	Sub - Total of site Works				
A- 02	CONCRETE WORKS:				
	General Conditions :				
	* The Concrete Works according to The Drawings, The Technical Specification and Directions by The Engineer.				
	* The Thermal and Moisture Protections Works according The Drawings, The Technical Specifications and Directions by The Engineer.				
	* The Price of Concrete Works includes Smooth Dowel with Plastic Cap and all Kind of Joint Sealers and Manhols covers which shown in The Drawings and According to The Technical Specification.				
A- 02-1	Furnish, Form, Place, finish and Cure Plain Concrete with cement content not less than 300 kg /m3 for Manhols and the new MVCU foundation	M ³	7.0		
A- 02-2	Furnish Bituminous Damp proofing (two coats of oxidised bitumen solution) on Surfaces of Reinforced Concrete Elements under Ground and other Positions where required. According to The Technical Specifications.	M ²	70.0		
A- 02-3	Furnish, Form, Place, finish and Cure Reinforced Concrete for reefer tower R.C raft base with sulfant resistance cement content not less than 450 Kg/m3 According to the drawings and The Technical Specifications.	M ³	35.0		
A- 02-4	Furnish, Form, Place, finish and Cure Reinforced Concrete for Panel foundations with sulfant resistance cement content not less than 450 Kg/m3 According to the drawings and The Technical Specifications.	M ³	5.0		
	Sub - Total of Concrete Works				
A- 03	Prefabricated steel structure				
A- 03	Prefabricated steel structure for reefer towers Hot molded steel sections hot deep galvanized and painted with approved color Including calculations sheets, fabrication, installation, delivery to site, lifting, scaffolding, painting, quality control and final touch up and according to attached Technical Specification				
A- 03-1	(Option 1) Supply and install a prefabricated steel structure for reefer towers according to attached drawings.	Each	1		
A- 03-2	(Option 2) Supply and install a prefabricated steel structure for reefer towers Same specs. Like option 1 but lighter sections (total weight 5 to 7 Tons)	Each	1		
	Sub - Total of Prefabricated steel structure				
	Total				

**Reefer gantry steel towers construction
DKH terminal**

Item No.	Item Description	Unit	Qty	Unit Price EGP	Total Price EGP
A		70			
A- 01	SITE WORKS				
	General Conditions :				
	* The Site Works are according to The Drawings, The Technical Specifications and Directions of The Engineer.				
A- 01-1	Demolition and removal of miscellaneous defective areas of paving for reefer tower R.C raft base location according to drawings and The Technical Specifications and Directions of The Engineer.	M ²	1,050.0		
A- 01-2	Excavate, Load, haul and Transport Excavated Materials off-Site to approved disposal Location – Price includes compaction of subgrade according to specifications, necessary de-watering and shoring.	M ³	630.0		
A- 01-3	Sub-base supply, transport, filling and compaction (if needed) according to technical specifications	M ³	210.0		
	Sub - Total of site Works				
A- 02	CONCRETE WORKS:				
	General Conditions :				
	* The Concrete Works according to The Drawings, The Technical Specification and Directions by The Engineer.				
	* The Thermal and Moisture Protections Works according The Drawings, The Technical Specifications and Directions by The Engineer.				
	* The Price of Concrete Works includes Smooth Dowel with Plastic Cap and all Kind of Joint Sealers and Manholes covers which shown in The Drawings and According to The Technical Specification.				
A- 02-1	Furnish, Form, Place, finish and Cure Plain Concrete with cement content not less than 300 kg /m ³ for Manholes and the new MVCU foundation	M ³	105.0		
A- 02-2	Furnish Bituminous Damp proofing (two coats of oxidised bitumen solution) on Surfaces of Reinforced Concrete Elements under Ground and other Positions where required. According to The Technical Specifications.	M ²	1,050.0		
A- 02-3	Furnish, Form, Place, finish and Cure Reinforced Concrete for reefer tower R.C raft base with sulfant resistance cement content not less than 450 Kg/m ³ According to the drawings and The Technical Specifications.	M ³	525.0		
A- 02-4	Furnish, Form, Place, finish and Cure Reinforced Concrete for Panel foundations with sulfant resistance cement content not less than 450 Kg/m ³ According to the drawings and The Technical Specifications.	M ³	75.0		
	Sub - Total of Concrete Works				
A- 03	Prefabricated steel structure				
A- 03	Prefabricated steel structure for reefer towers Hot molded steel sections hot deep galvanized and painted with approved color Including calculations sheets, fabrication, installation, delivery to site, lifting, scaffolding, painting, quality control and final touch up and according to attached Technical Specification				
A- 03-1	(Option 1) Supply and install a prefabricated steel structure for reefer towers according to attached drawings.	Each	15		
A- 03-2	(Option 2) Supply and install a prefabricated steel structure for reefer towers Same specs. Like option 1 but lighter sections (total weight 5 to 7 Tons)	Each	15		
	Sub - Total of Prefabricated steel structure				
	Total				

**Reefer gantry steel towers construction
ALX terminal**

Item No.	Item Description	Unit	Qty	Unit Price EGP	Total Price EGP
A		70			
A- 01	SITE WORKS				
	General Conditions :				
	* The Site Works are according to The Drawings, The Technical Specifications and Directions of The Engineer.				
A- 01-1	Demolition and removal of miscellaneous defective areas of paving for reefer tower R.C raft base location according to drawings and The Technical Specifications and Directions of The Engineer.	M ²	700.0		
A- 01-2	Excavate, Load, haul and Transport Excavated Materials off-Site to approved disposal Location – Price includes compaction of subgrade according to specifications, necessary de-watering and shoring.	M ³	420.0		
A- 01-3	Sub-base supply, transport, filling and compaction (if needed) according to technical specifications	M ³	140.0		
	Sub - Total of site Works				
A- 02	CONCRETE WORKS:				
	General Conditions :				
	* The Concrete Works according to The Drawings, The Technical Specification and Directions by The Engineer.				
	* The Thermal and Moisture Protections Works according The Drawings, The Technical Specifications and Directions by The Engineer.				
	* The Price of Concrete Works includes Smooth Dowel with Plastic Cap and all Kind of Joint Sealers and Manholes covers which shown in The Drawings and According to The Technical Specification.				
A- 02-1	Furnish, Form, Place, finish and Cure Plain Concrete with cement content not less than 300 kg /m3 for Manholes and the new MVCU foundation	M ³	70.0		
A- 02-2	Furnish Bituminous Damp proofing (two coats of oxidised bitumen solution) on Surfaces of Reinforced Concrete Elements under Ground and other Positions where required. According to The Technical Specifications.	M ²	700.0		
A- 02-3	Furnish, Form, Place, finish and Cure Reinforced Concrete for reefer tower R.C raft base with sulfant resistance cement content not less than 450 Kg/m3 According to the drawings and The Technical Specifications.	M ³	350.0		
A- 02-4	Furnish, Form, Place, finish and Cure Reinforced Concrete for Panel foundations with sulfant resistance cement content not less than 450 Kg/m3 According to the drawings and The Technical Specifications.	M ³	50.0		
	Sub - Total of Concrete Works				
A- 03	Prefabricated steel structure				
A- 03	Prefabricated steel structure for reefer towers Hot molded steel sections hot deep galvanized and painted with approved color Including calculations sheets, fabrication, installation, delivery to site, lifting, scaffolding, painting, quality control and final touch up and according to attached Technical Specification				
A- 03-1	(Option 1) Supply and install a prefabricated steel structure for reefer towers according to attached drawings.	Each	10		
A- 03-2	(Option 2) Supply and install a prefabricated steel structure for reefer towers Same specs. Like option 1 but lighter sections (total weight 5 to 7 Tons)	Each	10		
	Sub - Total of Prefabricated steel structure				
	Total				