

BANQUE MISR ESFOUN BRANCH LUXOR

In this project, we applied project management concepts to the construction of the Bank Misr building in Luxor City, as part of my graduation requirements. We focused on studying all administrative aspects of the project, starting from planning and scheduling, to cost estimation and preparation of the Bill of Quantities, and finally monitoring the execution and controlling progress. The goal of this practical approach is to transform theoretical knowledge into real-world applications and to gain hands-on experience that simulates the actual work environment in engineering project management.

Project Scope

The project is located in Asfon village, within the Luxor Governorate of Upper Egypt. Situated in a developing urban area, the site is strategically positioned near residential communities and essential public services. This makes it an ideal location for Bank Misr to expand its reach and deliver financial services to a broader population. The branch supports regional development goals and improves accessibility for customers in the surrounding areas.



Bank Misr



Area: 700 m2

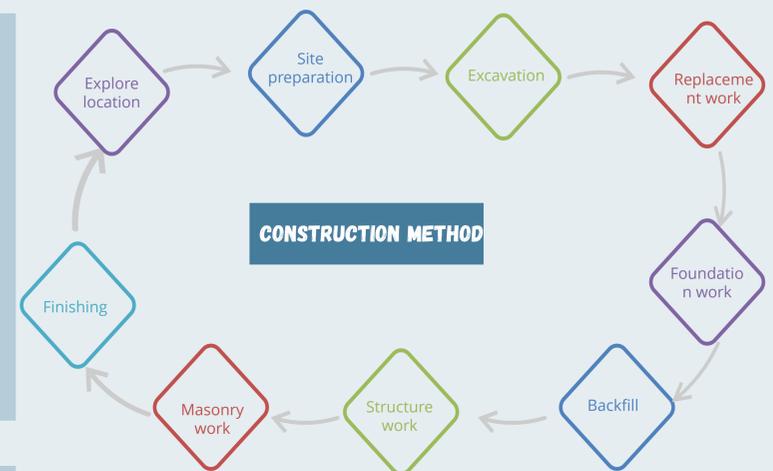


Project component 3 levels



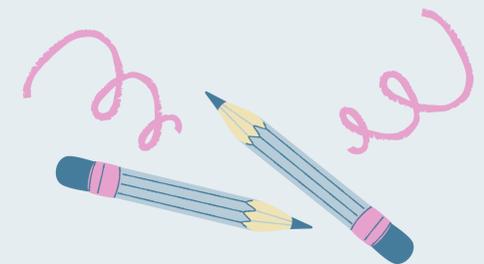
MILESTONES

The construction of the Banque Misr – Esfoun Branch comprises a wide range of integrated components, each contributing to the successful delivery of a fully functional and modern banking facility. This section outlines the key elements of the project, including architectural, structural, electromechanical, and external works, as well as the supporting systems and management processes required to ensure high-quality execution and operational efficiency.

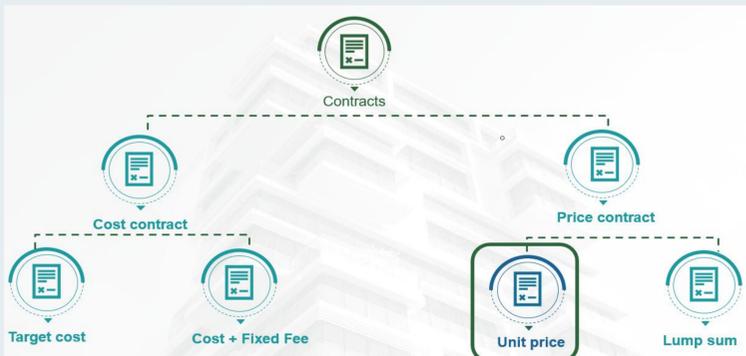


CONTRACT DOCUMENTS

- Contract
- Particular conditions.
- Drawings.
- Particular Specifications
- General conditions.
- Bills of quantities (BOQ)
- General Specifications
- Appendices



CONTRACT TYPES ACCORDING TO THE METHOD OF PAYMENT TO THE CONTRACTOR

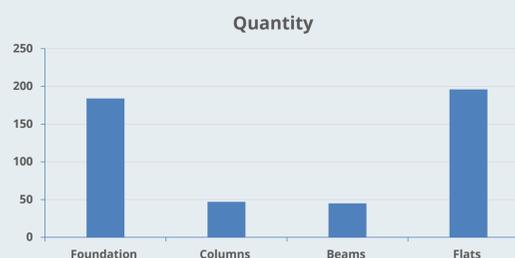


PLANNING AND TIME SCHEDULE

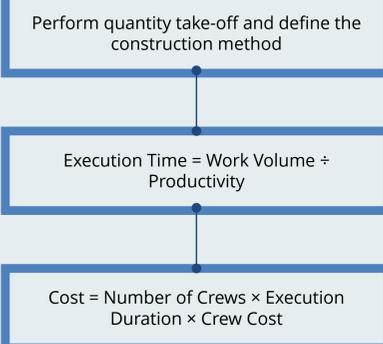
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2024				
						Q1	Q2	Q3		
						Aug	Sep	Oct		
A BANK MISR										
A002	إعداد الرسومات التنفيذية والإنشائية	200d	05-Aug-23	18-Aug-24	100d					
A2470	تقديم واعتماد الرسومات التنفيذية والإنشائية	40d	05-Aug-23	20-Sep-23	0d					
A2480	تقديم واعتماد الرسومات التنفيذية والإنشائية المعمارية	200d	05-Aug-23	27-Aug-23	370d					
A2490	تقديم واعتماد الرسومات التنفيذية والكهربائية	30d	05-Aug-23	07-Sep-23	220d					
A003	التوريد	50d	26-Aug-23	28-Oct-23	230d					
A2500	تقديم واعتماد عينات المواد الإنشائية	30d	21-Sep-23	28-Oct-23	0d					
A2510	تقديم واعتماد عينات المواد المعمارية	20d	28-Aug-23	20-Sep-23	370d					
A2520	تقديم واعتماد عينات المواد الكهربائية	40d	09-Sep-23	28-Oct-23	220d					
A04	التوريد	150d	21-Sep-23	18-Mar-24	230d					
A2530	توريد المواد الإنشائية	70d	29-Oct-23	18-Jan-24	0d					
A2540	توريد المواد المعمارية	120d	21-Sep-23	12-Feb-24	370d					
A2550	توريد المواد الكهربائية	120d	29-Oct-23	18-Mar-24	220d					
A01	تجهيز الموقع	4d	05-Aug-23	08-Aug-23	0d					
A05	تفكيك	286d	09-Aug-23	04-Aug-24	0d					
A03	إعمال الأساسات والإنشآت	50d	09-Aug-23	04-Oct-23	0d					
A08	إعمال القبة	50d	09-Aug-23	16-Oct-23	0d					
A1030	الحفر	9d	09-Aug-23	19-Aug-23	0d					

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2024			
						Q1	Q2	Q3	
						Aug	Sep	Oct	
A1050	الترميم	12d	02-Oct-23	16-Oct-23	0d				
A1060	الإنجذاب	10d	20-Aug-23	30-Aug-23	0d				
A04.1.1									
A1070	تجزئة الخرسانة المحيطة بالقبو	4d	31-Aug-23	04-Sep-23	0d				
A1080	صب الخرسانة لعمارة القبو	1d	05-Sep-23	05-Sep-23	0d				
A1090	تجزئة الخرسانة المسلحة للقواعد	6d	06-Sep-23	13-Sep-23	0d				
A1100	حداثة الخرسانة المسلحة للقواعد	6d	14-Sep-23	20-Sep-23	0d				
A1110	صب الخرسانة المسلحة للقواعد	1d	21-Sep-23	21-Sep-23	0d				
A1120	قذف خرسانة الخرسانة المسلحة للقواعد	4d	23-Sep-23	26-Sep-23	0d				
A1140	عزل القواعد	3d	27-Sep-23	01-Oct-23	0d				
A05.10									
A1220	تجزئة الخرسانة المسلحة لاجنحة الأرضي	4d	17-Oct-23	21-Oct-23	0d				
A1230	حداثة الخرسانة المسلحة لاجنحة الأرضي	4d	22-Oct-23	25-Oct-23	0d				
A1240	صب الخرسانة المسلحة لاجنحة الأرضي	1d	26-Oct-23	26-Oct-23	0d				
A1250	قذف الخرسانة المسلحة لاجنحة الأرضي	1d	28-Oct-23	28-Oct-23	0d				

QUANTITY SURVEYING



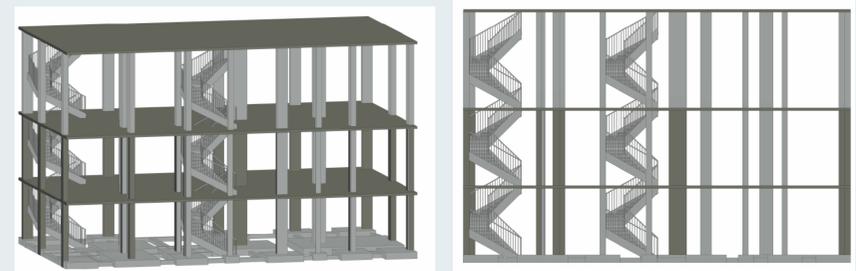
COST ESTIMATION



COST ESTIMATION



BUILDING INFORMATION MODELING (BIM)



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Prof. Dr. Abed Mahmoud Ahmed Gad

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