

PART "I"

## Technical Specifications

HRRC

القومي لبحوث المكان والبيئة  
Housing & Building National Research Center

Since 1954

D.  
B.  
C 3

SABBOUR

سبور

SABBOUR ASSOCIATES  
ENGINEERS ARCHITECTS PLANNERS  
MAIN OFF.: 20 LOTFY HASSOUNA ST.: DOKKY

المكتب الهندسي الاستشاري 'سبور'  
مُهندسون معماريون مخططون  
المركز الرئيسي: ٢٠ شارع لطفي حسون الدقى القاهره.

PART I

## Technical Specifications

المركز القومى لبحوث الإسكان والبناء  
Housing & Building National Research Center

Since 1954

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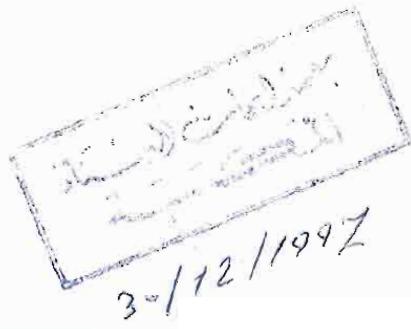
الكتب الهندسى الاستشارى سبور

مُهندسون معماريون مخططون  
المركز الرئيسي، ٢٣ شارع لطفى حسونة الدقى، القاهرة.

C 27 A

DIVISION - 0 -

BIDDING & CONTRACT REQUIREMENTS



00010 PREBID INFORMATION:

00100 INSTRUCTIONS TO BIDDERS:

00200 INFORMATION AVAILABLE TO BIDDERS:

00300 BID/TENDER FORMS:

00400 SUPPLEMENTS TO BID/TENDER FORMS:

00410 B.O.Q.:

00500 AGREEMENT FORMS:

00600 BONDS AND CERTIFICATES:

00700 GENERAL CONDITIONS OF THE CONTRACT:

00800 SUPPLEMENTARY CONDITIONS:

00900 ADDENDA AND MODIFICATIONS:

00950 DRAWINGS INDEX:

(END OF DIVISION - 0 -)

DIVISION - ONE -

GENERAL REQUIREMENTS

01010 SUMMARY OF WORK:

01020 ALLOWANCES:

01030 SPECIAL PROJECT PROCEDURES:

01040 COORDINATION:

01050 FIELD ENGINEERING:

01060 REGULATORY REQUIREMENTS:

01070 ABBREVIATIONS AND SYMBOLS:

01080 IDENTIFICATION SYSTEMS:

01100 ALTERNATES/ALTERNATIVES:

01150 MEASUREMENTS AND PAYMENT:

01200 PROJECT MEETINGS:

01210 PREBID MEETING/S:

01220 PRECONSTRUCTION MEETING/S:

01230 JOB SITE MEETINC/S:

01300 SUBMITTALS:

01310 CONSTRUCTION SCHEDULE:

01311 NETWORK ANALYSIS SCHEDULES:

01320 PROGRESS REPORTS:

01330 SURVEY DATA:

01340 SHOP DRAWINGS & SUBMITTALS:

01380 CONSTRUCTION PHOTOGRAPHS:

01400 QUALITY CONTROL:

01410 TESTING LABORATORY SERVICES:

01500 CONSTRUCTION FACILITIES AND  
TEMPORARY CONTROLS:

01511 TEMPORARY ELECTRICITY:

01513 TEMP. HEAT & VENTILLATION:

01514 TEMP. TELEPHONE:

01515 TEMP. WATER:

01516 TEMP. SANITARY FACILITIES:

01519 TEMP. CONSTRUCTION:

01522 TEMPORARY ENCLOSURES:

01530 BARRIERS:

01531 FENCES:

SPECIFICATIONS

WORD PROCESSING FILE DOCUMENTS

DOCUMENT	ARCHIVE	SUBJECT	SECTION	DIVISION
! Id.	DISK		No.	No.
!0016A	0011N	Site Works		2 !
!0016A	0011N	Soil Exploration Data	02000	2 !
!0016A	0011N	Sub-Surface Investigation	02010	2 !
!0016A	0011N	Demolition	02050	2 !
!0016A	0011N	Site Preparation	02100	2 !
!0016A	0011N	Underpinning	02150	2 !
!0016A	0011N	Earthworks	02200	2 !
!0016A	0011N	Geotextiles Geogrids	02275	2 !
!0016A	0011N	Tunnelling	02300	2 !
!0016A	0011N	Piles coissons and cofferdams	02350	2 !
!0016A	0011N	Drainage	02400	2 !
!0016A	0011N	Site Improvements	02440	2 !
!0016A	0011N	Landscaping	02480	2 !
!0016A	0011N	Paving and Surfacing	02500	2 !
!0016A	0011N	Bituminous Concrete paving	02513	2 !
!0016A	0011N	Portland Cement Concrte	02515	2 !
!		Paving.		2 !
!0016A	0011N	Ponds and Reservoirs	02590	2 !
!0016A	0011N	Piped Utility Materials and	02600	2 !
!		Methods.		2 !
!0016A	0011N	Piped Utilities	02700	2 !
!0016A	0011N	Steel Underground Storage	02725	2 !
!		Tank System.		2 !
!0016A	0011N	Ponds and Reservoirs	02770	2 !
!0016A	0011N	Power and Comminication	02800	2 !
!		Utilities.		2 !
!0016A	0011N	Fountants and Pools	02820	2 !

SPECIFICATIONS

WORD PROCESSING FILE DOCUMENTS

DOCUMENT	ARCHIVE	SUBJECT	SECTION	DIVISION
Id.	DISK		No.	No.
0016A	0011N	Fences and Gates	02830	2
0016A	0011N	Railroad Work	02850	2
0016A	0011N	Recreational Facility and Playground Equipment.	02860	2
0016A	0011N	Site Street Furnishing	02870	2
0016A	0011N	Marine Work	02880	2

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DOCUMENT	ARCHIVE	SUBJECT	SECTION	DIVISION
! Id.	DISK		No.	No.
!0017A	0011N	CONCRETE		3
!0017A	0011N	Concrete Materials	03010	3
!0017A	0011N	Concrete Procedures	03050	3
!0017A	0011N	Concrete Formworks	03100	3
!0017A	0011N	Forms	03150	3
!0017A	0011N	Forms Tiesand Accessories	03180	3
!0017A	0011N	Concrete Reinforcing	03200	3
!0017A	0011N	Concrete Accessories	03250	3
!0017A	0011N	Cast-In-Place Concrete	03300	3
!0017A	0011N	Special Concrete Finishes	03350	3
!0017A	0011N	Special Placed Concrete	03360	3
!0017A	0011N	Concrete Caring	03370	3
!0017A	0011N	Precast Concrete	03400	3
!0017A	0011N	Cementitious Decks	03500	3
!0017A	0011N	Grout	03600	3
!0017A	0011N	Concrete Retoration and Cleaning.	03700	3

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WORD PROCESSING FILE DOCUMENTS

DOCUMENT ! Id.	ARCHIVE DISK	SUBJECT	SECTION NO.	DIVISION! NO.
! 0002Y	0009Y	Masonry	04000	4
! 0009Y	0001Y	Masonry Procedures	04050	4
! 0009Y	0001Y	Mortar	04100	4
! 0009Y	0001Y	Masonry Accessories	04150	4
! 0009Y	0001Y	Unit Masonry	04200	4
! 0009Y	0001Y	Stone	04400	4
! 0009Y	0001Y	Marble	04410	4
! 0009Y	0001Y	Masonry Restoration and Cleaning	04500	4
! 0009Y	0001Y	Refractories	04550	4
! 0009Y	0001Y	Corrasion Resistant Masonry	04600	4

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: DOCUMENT : ARCHIVE :		SUBJECT	: SECTION	: DIVISION:
: Id.	: DISK :		: No.	: No. :
:	:	:	:	:
:0026Y	: 0014Y	: Subsurface Investigation	: 02010	: 2 :
:0026Y	: 0014Y	: Dewatering	: 02140	: 2 :
:0026Y	: 0014Y	: Load Tests	: 02356	: 2 :
:0026Y	: 0014Y	: Cast-in-place Concrete Piles	: 02371	: 2 :
:	:	:	:	:
:0026Y	: 0014Y	: Concrete Finishing	: 03345	: 3 :
:0026Y	: 0014Y	: Structural Precast Concrete	: 03410	: 3 :
:0026Y	: 0014Y	: Light Weight Insulating Concrete Fill	: 03520	: 3 :
:0026Y	: 0014Y	: Grout	: 03600	: 3 :
:	:	:	:	:
:0026Y	: 0014Y	: Unit Masonry	: 04200	: 4 :
:0026Y	: 0014Y	: Glass Unit Masonry	: 04270	: 4 :
:0026Y	: 0014Y	: Natural Stone Veneer	: 04450	: 4 :
:	:	:	:	:
:0026Y	: 0014Y	: Space Frame	: 05161	: 5 :
:0026Y	: 0014Y	: Prefabricated Stairs	: 05715	: 5 :
:0026Y	: 0014Y	: Slide Bearings	: 05820	: 5 :
:	:	:	:	:
:0026Y	: 0014Y	: Architectural Woodwork	: 06400	: 6 :
:	:	:	:	: