

Date : 17 March 2018

Messrs., **POWER GENERATION ENGINEERING AND SERVICES Co. (PGESCO.)**

Cairo West Supercritical Power Station – 1x650 MW

41, Al Salam Avenue, Central District, New Cairo

Fax No. : +202) 2537-0481

Copy To: **CAIRO ELECTRICITY PRODUCTION CO. (CEPC)**

22, Shannan St., Sabttia, Cairo

Kind Attn. : **Eng. Mohamed Mokhtar** / Chairman

Fax No. : +202) 2575-7894

Copy To: **CAIRO ELECTRICITY PRODUCTION CO. (CEPC)**

Cairo West Supercritical Power Station

Sekil, El Manashy Road, Giza, Egypt

Kind Attn. : **Eng. Mohamed Anwar** / Project Manager

Fax No. : +202) 3891-0187

Subject: Cairo West Supercritical Thermal Power Station - 1x650MW
Contract No. 10089-CP-104; 500kV & 220kV Gas Insulated Switchyard
Monthly Progress Report (February -2019)

Letter: 10089-1E-L04-GAM-00207

Dear Sirs,

Please kindly find attached the documents/drawings listed hereunder.

Spec. No. / Paragraph Ref	Document No.	Rev.	Title/Description	Pur.	Remarks
	MPR-0014		Monthly Progress Report of February -2018	Report	

Best Regards

Hoon-Ho Han
Deputy Project Manager

CC

Mr. Chung-Hee Lee of HE (Hyundai Electric) / Vice President

Mr. Kwang-In Park of PDC (POSCO DAEWOO) / Managing Director

Mr. Bo-Hyeong Lee of KIC / President

Monthly Progress Report (Feb-2019)

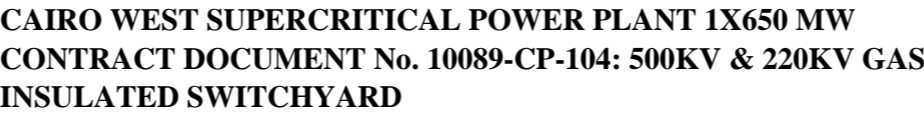
Section 2. Key Dates

Number of Calendar Days from
the Effective Date of the Contract

	Description	Initial	Final
A-1	Deliver to Owner the following issue for construction drawings and data subject to liquidated damages as specified in article 9.2	-	-
1	Refer to Appendix A -Specification 10089-1 E-3PS-EOOZ-00001		
B-1	Equipment / Material Furnished by Contractor Required at Site. Delivery Dates are Subject to liquidated damages as specified in article SC-9.1	-	-

Number of Calendar Days from
the Effective Date of the Contract

	Description	Initial	Final
A	Gas-Insulated Switchgear (GIS)		
1	220 kV Gas-Insulated Switchgear (GIS)		384d (Nov. 19, 2018)
2	500 kV Gas-Insulated Switchgear (GIS)		444d (Jan. 18, 2019)
B	Tie Transformer		
3	500/220 kV Tie Transformer		430d (Jan. 4, 2019)
C	Sealing Ends / U/G Cables		
4	220 kV Underground XLPE Power Cable Connection to The Station Service Transformer and All Associated Items	324d (Oct. 20, 2018)	384d (Nov. 19, 2018)
5	220 kV XLPE/SF6 Cable Sealing End (at 220kV GIS Substation Side)		399d (Dec. 4, 2018)
6	220 kV XLPE/ Air Sealing End Cable (at Station Service Transformer)		399d (Dec. 4, 2018)
D	Gas Insulated Bus Duct		
8	220kV GIB From 220kV GIS To Tie Transformer including supporting steel and all accessories		444d (Jan. 18, 2019)
9	500kV GIB From 500kV GIS to Tie Transformer including supporting steel and all		534d (Apr. 18, 2019)



Contractual Milestone		1689	01-Nov-2017 A	18-Jun-2022	-1031	01-Nov-2017	18-Jun-2022
Project Milestone		696	01-Nov-2017 A	29-Sep-2019	-39	01-Nov-2017	01-Oct-2019
CFMKM010	Effective Date	0	01-Nov-2017 A			01-Nov-2017	
CFMKM015	Site Mobilization Completion	0		19-May-2018 A			19-May-2018
CFMKM020	220kV GIS Delivery	0		26-Jan-2019 A			17-Feb-2019
CFMKM070	220kV GIB Delivery	0		26-Jan-2019 A			17-Feb-2019
CFMKM030	500kV GIS Delivery	0		16-Feb-2019 A			28-Feb-2019
CFMKM080	500kV GIB Delivery	0		16-Feb-2019 A			28-Feb-2019
CFMKM040	500/200kV Tie Transformer Delivery	0		25-Mar-2019	49		28-Feb-2019
CFMKM100	Cable & Raceways Delivery	0		20-Apr-2019	28		11-Mar-2019
CFMKM120	500/220kV Tie Transformer Installation (incl. auxiliaries)	0		18-May-2019	95		22-May-2019
CFMKM110	220kV GIS Installation (incl. auxiliaries)	0		28-Jul-2019	25		30-Jun-2019
CFMKM130	Complete all installation work for 220kV Switchyard Energization	0		31-Jul-2019	21		30-Jun-2019
CFMKM150	500kV GIS Installation (incl. auxiliaries)	0		25-Aug-2019	-4		15-Jul-2019
CFMKM140	Complete all installation work for 500kV Switchyard Energization	0		30-Aug-2019	-10		14-Jul-2019
CFMKM190	500kV Swithyard Energization	0		16-Sep-2019	-27		15-Sep-2019
CFMKM200	Connection to Generator Step-up Transformer	0		19-Sep-2019	-29		01-Oct-2019
CFMKM180	220kV Switchyard Energization	0		29-Sep-2019	-38		16-Aug-2019
Construction Completion Certificate		106	17-Jun-2019	01-Oct-2019	-40	23-Jun-2019	01-Oct-2019
CFMKM250	CCC for 500/220kV Tie Transformer Installation	0		17-Jun-2019	66		23-Jun-2019
CFMKM220	CCC for All Outdoors Equipment Foundation & Supporting Steel	0		31-Jul-2019	21		26-Jul-2019
CFMKM230	CCC for 220kV Switchyard Equipment Installation	0		31-Jul-2019	21		11-Jul-2019
CFMKM240	CCC for 500kV Switchyard Equipment Installation	0		31-Aug-2019	-9		30-Jul-2019
CFMKM210	CCC for 500/220kV GIS & Control Buildings	0		11-Sep-2019	-21		11-Jul-2019
CFMKM280	CCC for 500kV Switchyard Energization	0		17-Sep-2019	-26		15-Sep-2019
CFMKM260	CCC for 220kV Switchyard Energization	0		29-Sep-2019	-39		17-Aug-2019
CFMKM270	CCC for Connection to Station Service Transformer	0		01-Oct-2019	-40		17-Aug-2019
CFMKM290	CCC for Connection to Generator Step-up Transformer	0		01-Oct-2019	-40		01-Oct-2019
Taking Over and Acceptance Certificate		0	18-Jun-2020	18-Jun-2020	-301	18-Jun-2020	18-Jun-2020
CFMKM300	Taking Over and Acceptance Certificate	0		18-Jun-2020*	-301		18-Jun-2020
Final Certificate		0	18-Jun-2022	18-Jun-2022	-1031	18-Jun-2022	18-Jun-2022
CFMKM310	Final Certificate	0		18-Jun-2022*	-1031		18-Jun-2022
Design and Engineering		503	01-Nov-2017 A	01-Oct-2019	-40	01-Nov-2017	21-Jan-2019