



Bids and Awards Committee

Project Title: Supply, Delivery and Installation of Electrical, Civil/Architectural, and Various Requirements for SEC Office Space in PICC

BID BULLETIN NO. 1

All prospective bidders are hereby informed of the following amendments and clarifications:

PARTICULARS	AMENDMENT/CLARIFICATION
<p>Invitation to Bid as appearing in the SEC Bidding Documents posted in the PhilGEPS Website</p> <p>Approved Budget of the Contract Eleven Million Forty Nine Thousand One Hundred Sixty Pesos (Php 10,755,160.96)</p>	<p>Ten Million Seven Hundred Fifty Five Thousand One Hundred Sixty Pesos and Ninety Six Centavos (Php 10,755,160.96)</p> <p>Orientation of Interested Contractors by the SEC Technical Working Group (TWG) – November 14, 2016, 10:00 a.m. at the Function Room B, 2nd Floor, Secretariat Building, PICC Complex, Pasay City. Site inspection will be conducted after said orientation.</p>
<p>Deadline for Submission of Best and Final Offer</p> <p>November 18, 2016, 10:00 a.m. at the Procurement Division, 3rd Floor, Secretariat Building, PICC Complex, Pasay City</p> <p>Opening of Best and Final Offer</p> <p>November 18, 2016, 10:30 a.m. at the 2nd Floor, Secretariat Building, PICC Complex, Pasay City</p>	<p>Deadline for Submission of Best and Final Offer</p> <p>Moved to: <u>November 21, 2016, same time and venue</u></p> <p>Opening of Best and Final Offer</p> <p>Moved to: <u>November 21, 2016, same time and venue</u></p>
<p>Special Conditions of Contract</p> <p>Page 70, Item No. 6.5</p> <p>The Contractor shall employ the following Key Personnel:</p> <p><i>1. Project Manager: Architect/Engineer (Civil or Electrical)</i></p>	<p>The Contractor shall engage the following Key Personnel:</p> <p>1. One (1) Project Manager (any of the following can be designated as a Project Manager):</p> <ul style="list-style-type: none"> ➤ Architect ➤ Civil Engineer

<p>2. 2 Project Engineers: (1) Registered Electrical Engineer and (1) Civil Engineer</p> <p>3. Materials Engineer</p> <p>4. Foreman</p> <p>Page 71, Item No. 39.1 The amount of the advance payment is [insert amount as percentage of the Contract Price and schedule of payment]</p>	<p>➤ Registered Electrical Engineer</p> <p>2. One (1) Project Engineer <i>If the Project Manager is an Architect or a Civil Engineer, the Project Engineer should be a registered Electrical Engineer.</i></p> <p><i>If the Project Manager is a registered Electrical Engineer, the Project Engineer should be an Architect or a Civil Engineer.</i></p> <p>3. One (1) Materials Engineer The Project Engineer may also be designated also as Materials Engineer.</p> <p>4. One Foreman</p> <p>The amount of the advance payment is Fifteen Percent (15%) of the total Contract Price to be paid in lump sum.</p>			
<p>Section VIII. Bill of Quantities</p>	<p>See Annex "A"</p>			
<p>Page 79, Bid Price Schedule, Item No. 4.1</p> <table border="1" data-bbox="204 853 767 1397"> <tr> <td data-bbox="204 853 596 1397"> <p>Installation of 5TR, Floor Mounted, Air-Conditioner at the SERVER ROOM. PRU & Receiving Area and Public Staging Area at the West Wing. Dismantle at Old SEC Building in EDSA, Clean and Reinstall. Repaint with epoxy paint steel frame/stand. Make good any damaged or defective existing wirings and install new drain piping system, test and make operational. Provide circuit breakers as necessary (Existing locations and sizes in Old SEC Building, SEC to identify)</p> </td> <td data-bbox="596 853 683 1397"> <p>11</p> </td> <td data-bbox="683 853 767 1397"> <p>unit</p> </td> </tr> </table>	<p>Installation of 5TR, Floor Mounted, Air-Conditioner at the SERVER ROOM. PRU & Receiving Area and Public Staging Area at the West Wing. Dismantle at Old SEC Building in EDSA, Clean and Reinstall. Repaint with epoxy paint steel frame/stand. Make good any damaged or defective existing wirings and install new drain piping system, test and make operational. Provide circuit breakers as necessary (Existing locations and sizes in Old SEC Building, SEC to identify)</p>	<p>11</p>	<p>unit</p>	<p>Delete PRU & Receiving Area and Public Staging Area at the West Wing.</p> <p>Revised Bid Price Schedule, Annex "B" (Quantity is reduced from 11 units to 4 units)</p>
<p>Installation of 5TR, Floor Mounted, Air-Conditioner at the SERVER ROOM. PRU & Receiving Area and Public Staging Area at the West Wing. Dismantle at Old SEC Building in EDSA, Clean and Reinstall. Repaint with epoxy paint steel frame/stand. Make good any damaged or defective existing wirings and install new drain piping system, test and make operational. Provide circuit breakers as necessary (Existing locations and sizes in Old SEC Building, SEC to identify)</p>	<p>11</p>	<p>unit</p>		
<p>Page 95, SEC Standard Form No.5</p>	<p>SEC Standard Form No.5 has been revised- Annex "C"</p>			

Other matters:

- The prospective bidders are reminded to carefully and thoroughly read and understand the provisions of the SEC Bidding Documents.

November 8, 2016


JOSE P. AQUINO
 Chairman

Project: Supply, Delivery and Installation of Electrical, Civil/Architectural, and Various Requirements for SEC Office Space in PICC

SECTION VIII. Bill Of Quantities

Bill No.1 General Conditions			
	Description	Unit	Qty
1.01	Safety Precautions	LOT	1
1.02	Security	LOT	1
1.03	Temporary Works (Scaffoldings & Storage Room)	LOT	1
1.04	Disposal of Rubbish and Others	LOT	1
1.05	As Built Drawings	LOT	1
1.06	Turn Over Cleaning	LOT	1
1.07	Mobilization	LOT	1
1.08	Demobilization	LOT	1
Bill No.2 Dismantling/Relocation/Dismantling Works @ Secretariat Building			
2.1	Walls, Floors, Finishes, etc.		
2.1.1	Internal Wood Partitions @ West Wing	LOT.	1
2.1.2	Wood Partitions @ East Wing,	LOT	1
2.1.3	Dismantle Glass Wall Aluminum Frame turn –over to PICC @ West Wing, Ground Floor	LOT	1
Bill No. 3 Architectural Works			
3.1	Carpentry Works		
3.1.1	New Narra Plywood Door with Door Jambs for various Offices, Conference Rooms and stock rooms at the West, East and North Wing, Ground floor including hardwares (Hinge 4-1/2" x 4" ball bearing, heavy weight full mortise and lockset.	SET	20
3.1.2	New Plywood Wood Doors at Old Warehouse (New Annex Bldg) with jambs and hardwares (hinges and lockset)	SET	17
3.2	Glass and Aluminum Works		
3.2.1	Re-location of existing Aluminum Walls @ cashier area	LOT	1
3.2.2	New Glass Wall and Door Aluminum Frame Analok Finish Same thickness and size as existing in PICC Secretariat Building @ Ground Floor for West Wing Lobby and Offices complete with Locksets and Standard Handles same as existing opposite East Wing Glass Door	S.M.	23
3.2.3	Allow for dismantling and re-use/re-install double aluminum glass doors from SEC office in Ortigas to New Annex Bldg in PICC including additional CHB wall with cement plaster finish both faces	set	2

3.2.4	Allow for leveling and tightening of existing Tee Runners @ Secretariat Bldg.	LOT	1
3.3	Wooden Partition		
3.3.1	New Narra, 6mm thk, Wood Partitions, Double Wall on wood Frames, (similar to existing PICC Partitions) at West and North Wings (conference rooms, stock rooms, dental/medical room, COA, BAC, press office, Library, PRU area)	S.M.	660
3.4	Suspended Ceilings, Walls and Metal Support (@ SEC Annex Building and various works at the Ground Floor, Secretariat Building		
3.4.1	New Fiber cement boards Ceiling Board, 600mm x 1200mm x 6mm thk.including Steel wall Frames and ceiling Furring Runners spaced @ 0.60meters on centers each way @ Multi-Purpose Room, Examination Room, Records Rooms, Provident, SECCU and SECEA Rooms at Annex Building	S.M..	817
3.4.2	New Ficem Board ,6mm thick double walls on steel channels at 0.60x0.60 vertical and horizontal spacing for the Records Rooms at Annex Building	S.M.	399
3.4.3	New Louver wall @ Exterior Garden area to cover the ACCU @ West Wing ,(Two sides /areas of West Wing)	S.M.	14
3.4.4	Two-sets (2), Wood Cabinets and cupboards with stainless steel sinks @ Medical and Dental Clinics below counters and above counters complete with 20 mm dia.water supply lines and 50mm. dia.pvc drainage pipe lines to be connected to the nearest existing Female comfort room . Dental Chair shall be provided with 12mm dia. water supply line and 50mm dia.PVC drainage pipe line to be drained to nearest janitors room.	LOT	1
3.4.5	Dismantle, hauling and re-installation of PVC folding partition, (2) sets, from SEC Office at EDSA to Medical office at PICC	LOT	1
3.5	Painting and Varnishing		
3.5.1	Latex Paint, 4 coats, semi gloss, color and finished same as existing concrete walls at newly installed fiber cement boards walls and ceilings (@ Old Warehouse, New Store Room and Multi Purpose Room . Repaint all Interior existing walls of Existing Warehouse up to the ceiling	S.M.	1,600

3.5.2	Varnish: 3coats sanding sealer,1 finish coat clear for new narra plywood partitions @ West Wing and North Wing	S.M.	1,320
Bill No. 4 Mechanical Works			
4.1	Installation of 5TR, Floor Mounted , Air-Conditioner at the SERVER ROOM. Dismantle at Old SEC Building in EDSA, Clean and Reinstall. Repaint with epoxy paint steel frame/stand. Make good any damaged or defective existing wirings and install new drain piping system, test and make operational. Provide circuit breakers as necessary (Existing locations and sizes in Old SEC Building ,SEC to identify)	Unit	4
4.2	Installation of 5TR, Floor Mounted , Air-Conditioner at the Warehouse Area , now SEC Annex Building. Dismantle at Old SEC Building in EDSA, Clean and Reinstall. Repaint with epoxy paint steel frame/stand. Make good any damaged or defective existing wirings and piping system, test and make operational. Provide circuit breakers as necessary (Existing locations and sizes in Old SEC Building ,SEC to identify)	Unit	7

Bill No. 5 Electrical works

Item No	Description	Qty.	Unit
	I. PANEL BOARD		
1	MDP Panel	1	set
	Main: 800AT/1000AF, 3P, 230V ACB		
	Branches:		
	1 - 400AT/600AF, 3P, 230V		
	1 - 150AT/200AF, 3P, 230V		
	1 - 125AT/150AF, 3P, 230V		
	Branches:		
	1 - 50AT / 50AF, 3P, 230V		
	w/ Ground Terminal Busbar and Kilowatt Hour Meter		
2	PP1 Panel	1	set
	Main: 125AT/150AF, 3P, 230V		
	Branches:		
	20 - 30AT/50AF, 2P, 230V B.O		
	w/ Ground Terminal Busbar		
3	PP2 Panel	1	set
	Main: 150AT/200AF, 3P, 230V ACB		
	Branches:		
	24 - 30AT/50AF, 2P, 230V B.O		
	w/ Ground Terminal Busbar		
4	PP3 Panel	1	set
	Main: 100AT/100AF, 3P, 230V		
	Branches:		
	18 - 30AT/50AF, 3P, 230V B.O		
	w/ Ground Terminal Busbar		
5	PP5 Panel	1	set
	Main: 150AT/200AF, 3P, 230V		
	Branches:		
	12 - 30AT/50AF, 2P, 230V B.O		
	7 - 40AT/50AF, 3P, 230V B.O		
	1 - SPACE		
	w/ Ground Terminal Busbar		
6	PPACU Panel	1	set
	Main: 400AT/600AF, 3P, 230V ACB		
	Branches:		
	11 - 50AT/50AF, 3P, 230V B.O		
	w/ Ground Terminal Busbar		
7	PP 2nd Floor	1	set
	Main: 100AT/150AF, 3P, 400V MCCB		
	Branches:		
	5 - 30AT/50AF, 1P, 230V ACB - B.O		
	5 - 20AT/50AF, 1P, 230V ACB - B.O		
	w/ Ground Terminal Busbar		
	II. FEEDER LINE		
8	2 1/2"Ø RSC Pipe	33	length
9	2 1/2"Ø RSC Elbow	6	pcs
10	2 1/2"Ø RSC Couling	15	pcs

11	2 "∅ RSC Pipe	17	length
12	2 "∅ RSC Elbow	3	pcs
13	2 "∅ RSC Coupling	8	pcs
14	1 1/2"∅ RSC Pipe	17	length
15	1 1/2"∅ RSC Elbow	3	pcs
16	1 1/2"∅ RSC Coupling	8	pcs
17	1 1/4"∅ RSC Pipe	37	length
18	1 1/4"∅ RSC Elbow	8	pcs
19	1 1/4"∅ RSC Coupling	16	pcs
20	250mm ² THHN wire	35	meters
21	125mm ² THHN wire	300	meters
22	50mm ² THHN wire	153	meters
23	38mm ² THHN wire	150	meters
24	30mm ² THHN wire	330	meters
25	30mm ² TW wire	100	meters
26	14mm ² TW wire	103	meters
27	8.0mm ² TW wire	110	meters
28	Pull Boxes, Hanger & Support and other Necessary	1	lot
	III. EAST WING POWER LAY OUT		
29	1/2"∅ EMT Pipe	352	length
30	1/2"∅ EMT Coupling	519	pcs
31	1/2"∅ EMT Adaptor & Locknut	480	pcs
32	Gauge #16 Junction Box Deep Type w/ cover	71	pcs
33	Gauge #16 Utility Box Deep Type	164	pcs
34	3.5mm ² THHN wire	2,154	meters
35	3.5mm ² TW wire	1,077	meters
36	2 gang C.O 3 prong	171	sets
37	Pull Boxes, Hanger & Support and other Necessary	1	lot
	IV. NORTH WING POWER LAY OUT		
38	1/2"∅ EMT Pipe	488	length
39	1/2"∅ EMT Coupling	677	pcs
40	1/2"∅ EMT Adaptor & Locknut	872	pcs
41	Gauge #16 Junction Box Deep Type w/ cover	191	pcs
42	Gauge #16 Utility Box Deep Type	164	pcs
43	3.5mm ² THHN wire	3,002	meters
44	3.5mm ² TW wire	1,456	meters
45	2 gang C.O 3 prong	164	sets
46	Pull Boxes, Hanger & Support and other Necessary	1	lot
	V. WEST WING POWER LAY OUT		
47	1/2"∅ EMT Pipe	404	length
48	1/2"∅ EMT Coupling	480	pcs
49	1/2"∅ EMT Adaptor & Locknut	384	pcs
50	Gauge #16 Junction Box Deep Type w/ cover	134	pcs
51	Gauge #16 Utility Box Deep Type	174	pcs
52	3.5mm ² THHN wire	2,418	meters
53	3.5mm ² TW wire	1,209	meters
54	2 gang C.O 3 prong	214	sets
55	Pull Boxes, Hanger & Support and other Necessary	1	lot
	VI. THIRD FLOOR POWER LAY OUT		
56	1/2"∅ EMT Pipe	769	length

57	1/2"Ø EMT Coupling	1,069	pcs
58	1/2"Ø EMT Adaptor & Locknut	1,238	pcs
59	Gauge #16 Junction Box Deep Type w/ cover	267	pcs
60	Gauge #16 Utility Box Deep Type	234	pcs
61	3.5mm ² THHN wire	4,619	meters
62	3.5mm ² TW wire	2,308	meters
63	2 gang C.O 3 prong	220	sets
64	Pull Boxes, Hanger & Support and other Necessary	1	lot
VII. PPACU PANEL			
65	3/4"Ø EMT Pipe	119	length
66	3/4"Ø EMT Coupling	180	pcs
67	3/4"Ø EMT Adaptor & Locknut	66	pcs
68	8.0mm ² THHN wire	1,086	meters
69	5.5mm ² TW wire	362	meters
70	50AT, 3P, 230V Nema 3R Enclosure	11	sets
71	Pull Boxes, Hanger & Support and other Necessary	1	lot
VIII. WAREHOUSE POWER LAYOUT			
72	1/2"Ø EMT Pipe	379	length
73	1/2"Ø EMT Coupling	505	pcs
74	1/2"Ø EMT Adaptor & Locknut	529	pcs
75	3/4"Ø EMT Pipe	107	length
76	3/4"Ø EMT Coupling	144	pcs
77	3/4"Ø EMT Adaptor & Locknut	48	pcs
78	1/2"Ø FMC	133	length
79	1/2"Ø FMC A/L	178	pcs
80	Gauge #16 Junction Box Deep Type w/ cover	154	pcs
81	Gauge #16 Utility Box Deep Type	116	pcs
82	5.5mm ² THHN wire	975	meters
83	3.5mm ² THHN wire	3,426	meters
84	3.5mm ² TW wire	1457	meters
85	1 gang 1 way switch	15	sets
86	2 gang 1 way switch	9	sets
87	3 gang 1 way switch	2	sets
88	1 gang C.O 3 prong	15	sets
89	2 gang C.O 3 prong	90	sets
90	40AT, 3P, 230V Nema 3R Enclosure	7	sets
91	2 x 40 watts Fluorescent	89	sets
92	Pull Boxes, Hanger & Support and other Necessary	1	lot
IX. KILOWATT HOUR METERS			
93	Class 200 G.E Kilowatt Hour Meter Self Contained Analog Model : V62S	11	units
94	Class 10 G.E Kilowatt Hour Meter C. T. Rated Digital Type Model : V64S	6	units
95	Current Transformer for Meter Reading Ratio 250:5	3	units
96	Current Transformer for Meter Reading Ratio 300:5	9	units
97	Current Transformer for Meter Reading Ratio 400:5	6	units
98	Wiring & Necessary Accessories	1	lot
X. TELEPHONE SYSTEM			
99	2"Ø EMT Pipe	21	length
100	2"Ø EMT Coupling	15	pcs

101	2"Ø EMT Elbow	8	pcs
102	1/2"Ø EMT Pipe	1,619	length
103	1/2"Ø EMT Coupling	1,134	pcs
104	1/2"Ø EMT Adaptor & Locknut	828	pcs
105	Gauge #16 Utility Box Deep Type	205	pcs
106	Gauge #16 Junction Box Deep Type w/ cover	105	pcs
107	Square Box 4 x 4	30	pcs
108	Cable Tray 200 x 100	165	length
109	CAT5E Belden Cable Wire	70	rolls
110	100 Pair UTP Cable Wire	40	meters
111	1 gang Telephone Outlet	209	sets
112	Pull Boxes, Hanger & Support and other Necessary	1	lot
	XI. REWIRING OF THIRD FLOOR LIGHTING FIXTURES		
113	2 gang 1 way switch	26	sets
114	Gauge #16 Utility Box Deep Type	26	pcs
115	1/2"Ø EMT Pipe	26	length
116	1/2"Ø EMT Coupling	26	pcs
117	1/2"Ø EMT Adaptor & Locknut	26	pcs
118	3.5mm ² THHN wire	390	meters
119	Hanger & Support and other Necessary Accessories	1	lot

Project: Supply, Delivery and Installation of Electrical, Civil/Architectural, and Various Requirements for SEC Office Space in PICC

BID PRICE SCHEDULE

Bill No.1 General Conditions					
	Description	Unit	Qty	Unit Cost (Includes. Profit, Overhead & Taxes)	Amount
1.01	Safety Precautions	LOT	1		
1.02	Security	LOT	1		
1.03	Temporary Works (Scaffoldings & Storage Room)	LOT	1		
1.04	Disposal of Rubbish and Others	LOT	1		
1.05	As Built Drawings	LOT	1		
1.06	Turn Over Cleaning	LOT	1		
1.07	Mobilization	LOT	1		
1.08	Demobilization	LOT	1		
Total for Bill No.1 General Conditions					
Bill No.2 Dismantling/Relocation/Dismantling Works @ Secretariat Building					
2.1	Walls, Floors, Finishes, etc.				
2.1.1	Internal Wood Partitions @ West Wing	LOT.	1		
2.1.2	Wood Partitions @ East Wing,	LOT	1		
2.1.3	Dismantle Glass Wall Aluminum Frame turn –over to PICC @ West Wing, Ground Floor	LOT	1		
Total for Bill No. 2 Demolition/Relocation/Dismantling					
Bill No. 3 Architectural Works					
3.1	Carpentry Works				
3.1.1	New Narra Plywood Door with Door Jambs and hardwares for various Offices, Conference Rooms and stock rooms at the West, East and North Wing, Ground floor	SET	20		
3.1.2	New Plywood Wood Doors at Old Warehouse (New Annex Bldg) with jambs and hardwares	SET	17		
3.2	Hardwares				
3.2.1	New Hinges 4-1/2"x4"Ball Bearing, Heavy Weight ,Full Mortise for Offices, Conference Rooms and stock rooms at the West, East and North Wing, Ground floor	NO.	-----	-----	Inc. in Doors

3.2.2	Locksets for Offices, Conference Rooms and stock rooms at the West, East and North Wing, Ground floor	NO.	-----	-----	Inc, in Doors
3.3	Glass and Aluminum Works				
3.3.1	Re-location of existing Aluminum Walls @ cashier area	LOT	1		
3.3.2	New Glass Wall and Door Aluminum Frame Analok Finish Same thickness and size as existing in PICC Secretariat Building @ Ground Floor for West Wing Lobby and Offices complete with Locksets and Standard Handles same as existing opposite East Wing Glass Door	S.M.	23		
3.3.3	Allow for dismantling and re-use/re-install double aluminum glass doors from SEC office in Ortigas to New Annex Bldg in PICC including additional CHB wall with cement plaster finish both faces	set	1		
3.3.4	Allow for leveling and tightening of existing Tee Runners @ Secretariat Bldg.	LOT	1		
3.4	Wooden Partition				
3.4.1	New Narra, 6mm thk, Wood Partitions, Double Wall on wood Frames, (similar to existing PICC Partitions) at West and North Wings (conference rooms, stock rooms, dental/medical room, COA, BAC, press office, Library, PRU area)	S.M.	660		
3.5	Suspended Ceilings, Walls and Metal Support (@ SEC Annex Building				

3.5.1	New Fiber cement boards Ceiling Board, 600mm x 1200mm x 6mm thk.including Steel wall Frames and ceiling Furring Runners spaced @ 0.60meters on centers each way @ Multi-Purpose Room, Examination Room, Records Rooms, Provident, SECCU and SECEA Rooms at Annex Building	S.M..	817		
3.5.2	New Ficem Board ,6mm thick double walls on steel channels at 0.60x0.60 vertical and horizontal spacing for the Records Rooms at Annex Building	S.M.	399		
3.5.3	New Louver wall @ Exterior Garden area to cover the ACCU @ West Wing ,(Two sides /areas of West Wing)	S.M.	14		
3.5.4	Two-sets (2), Wood Cabinets and cupboards with stainless steel sinks @ Medical and Dental Clinics below counters and above counters complete with 20 mm dia.water supply lines and 50mm. dia.pvc drainage pipe lines to be connected to the nearest existing Female comfort room . Dental Chair shall be provided with 12mm dia. water supply line and 50mm dia.PVC drainage pipe line to be drained to nearest janitors room.	LOT	1		
3.5.5	Dismantle, hauling and re-installation of PVC folding partition, (2) sets, from SEC Office at EDSA to Medical office at PICC	LOT	1		
3.6	Painting and Varnishing				

3.6.1	Latex Paint, 4 coats, semi gloss, color and finished same as existing concrete walls at newly installed fiber cement boards walls and ceilings (@ Old Warehouse, New Store Room and Multi Purpose Room . Repaint all Interior existing walls of Existing Warehouse up to the ceiling	S.M.	1,600		
3.6.2	Varnish: 3coats sanding sealer,1 finish coat clear for new narra plywood partitions @ West Wing and North Wing	S.M.	1,320		
Total for Bill No.3 Architectural Works					
Bill No. 4 Mechanical Works					
4.1	Installation of 5TR, Floor Mounted , Air-Conditioner at the SERVER ROOM. Dismantle at Old SEC Building in EDSA, Clean and Reinstall. Repaint with epoxy paint steel frame/stand. Make good any damaged or defective existing wirings and install new drain piping system, test and make operational. Provide circuit breakers as necessary (Existing locations and sizes in Old SEC Building ,SEC to identify)	Unit	4		
4.2	Installation of 5TR, Floor Mounted , Air-Conditioner at the Warehouse Area , now SEC Annex Building. Dismantle at Old SEC Building in EDSA, Clean and Reinstall. Repaint with epoxy paint steel frame/stand. Make good any damaged or defective existing wirings and piping system, test and make operational. Provide circuit breakers as necessary (Existing locations and sizes in Old SEC Building ,SEC to identify)	Unit	7		
Total Bill No.4 Mechanical Works					

ANNEX C to Bid Bulletin No. 1 dated November 8, 2016

*Supply, Delivery and Installation of
Electrical, Civil/Architectural and
Various Requirements for
SEC Office Space in PICC
PB No. 2016-20
SEC Standard Form No. 5*

List of Key Personnel Proposed to be assigned to the Contract

Business Name : _____

Business Address : _____

	Project Manager <i>Architect or Engineer(civil/electrical)</i>	Project Engineer <i>Architect or Engineer(civil/electrical)</i>	Materials Engineer*	Foreman
1. Name				
2 Address				
3 Date of Birth				
4 Employed Since				
5 Experience				
6 Previous Employment				
7 Education				
8 PRC License				

*The Project Engineer may also be designated as Materials Engineer

Minimum Requirement: With Valid PRC License

Submitted by : _____
(Printed Name & Signature)

Designation : _____

Date : _____