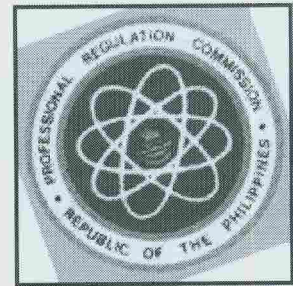




# Bids and Awards Committee

Republic of the Philippines  
Professional Regulation Commission  
P. Paredes St., Sampaloc, Metro Manila  
Tel.Fax: 310-0037



**ARISTOGERSON T. GISMUNDO**  
Chairman

**ARJAY R. ROSALES**  
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## Section VIII. Bill of Quantities

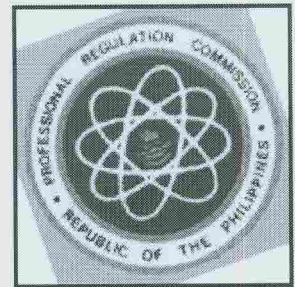
### Retrofitting of PRC Central Office Annex Building


DESCRIPTION	QTY
<b>GENERAL REQUIREMENTS</b>	
Mobilization/Demobilization	1 lot
Safety Measures, PPE	1 lot
Permits	1 lot
<b>CIVIL/STRUCTURAL WORKS</b>	
<b>FOUNDATION</b>	
Excavation	57 cum
Backfill	52 cum
Compaction	52 cum
Slab on Grade	4 cum
<b>BEAMS</b>	
Formwork	235 sqm
Rebars, main	6000 kg
Rebars, ties	218 kg
Chipping work	22 cum
Concrete	22 cum
<b>BRACES</b>	
Tubular Steel Bracing, 100mm x 10	96 pcs.
Tubulat Steel Bracing, 125 mm x 10	24 pcs
Expansion Anchors	2304 pcs
Steel Plates	14 pcs
Consumables	1 lot
<b>CORRIDOR SLAB</b>	
Chipping work	12.5 cum
Concrete	12.5 cum
<b>ARCHITECTURAL WORKS</b>	
<b>ROOFING</b>	
C-purlins	222 pcs
Metal roof	497 sqm
Roof gutters	91 lm
Ridge rolls	37 lm
Roof insulation	497 sqm
Downspout, 100 mm	396 lm
Consumables	1 lot
<b>FINISHES</b>	
<b>Floors</b>	
Straight-to finish ground floor	57 sqm
<b>Walls</b>	
Wall plastering	50 sqm
Wall Painting	50 sqm
Ceiling (ficemboard on metal furning)	160 sqm




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#### SCOPE OF WORK

3.1 The Contractor for the Project shall submit for approval of PRC in 3 copies, within three weeks from receipt of the Notice of Award the following:

##### 3.1.1 Removal Plans

Architectural finishes such as doors and windows which have to be removed prior to the actual retrofitting works should be properly indicated and labeled.

##### 3.1.2 Safety Provisions

Detailed methodology including proposed safety measures for the protection of the public inside and in the vicinity of the Annex Building.

##### 3.1.3 Shop drawings including details of connections.

##### 3.1.4 Specifications / certifications of the strength of the expansion anchors to be used.

3.2 The Contractor shall commence work on the retrofitting upon receipt of the Notice to Proceed.

3.3 It shall be understood that the Contractor has thoroughly inspected the site and has brought to the attention of PRC of any hindrance or problem which he foresees would hamper the retrofitting works.

3.4 The retrofitting work shall be started and completed per floor. No work shall be done in more than one (1) floor at a time.

#### MATERIAL SPECIFICATIONS

##### 4.1 Cement

ASTM C 150, Type I/PNS 07.

##### 4.2 Water

Water shall be fresh, clean and potable.

##### 4.3 Aggregates

ASTM C 33 with 19 mm maximum aggregate size. Aggregates shall not contain any substance which may be deleteriously reactive with the alkalis in the cement.

##### 4.4 Epoxy Bonding Compound

ASTM C 881, Type II, Grade 1 and 2..

##### 4.5 Structural Steel

Structural steel plates and shapes shall conform to ASTM Designation A36 with a minimum specified yield strength of 248 MPa (36,000 psi).

##### 4.6 Reinforcing Steel

All reinforcement shall be deformed, with minimum yield strength of 413 MPa (60,000 psi) conforming to ASTM A 615 / PNS 49.

##### 4.7 Welds

Welding electrodes for manual shielded metal-arc welding shall conform to E70XX of AWS D1.1. Minimum weld thickness shall be 3.0 mm.

##### 4.8 Expansion Anchors

Heavy duty expansion anchors shall have minimum ultimate strength of 800 MPa (116 ksi).

##### 4.9 Forms

Plywood or steel forms shall be used where a smooth finish is required.

### ACKNOWLEDGMENT AND COMPLIANCE WITH THE TERMS OF REFERENCE FOR THE RENOVATION OF PRC CENTRAL OFFICE BUILDING

\_\_\_\_\_  
SIGNATURE OVER PRINTED NAME  
OF AUTHORIZED REPRESENTATIVE,  
DESIGNATION AND PRINTED NAME OF COMPANY