#### **SECTION V**

# SPECIAL CONDITIONS OF CONTRACT SCC Clause

- 1.16 The Intended Completion Date is 120 calendar days
- 1.21 The Procuring Entity is National Library of the Philippines with office at T.M. Kalaw St., Ermita, Manila.
- 1.22 The Procuring Entity's Representative is:

## MS. FE B. BASAGRE

Acting Chief Administrative Officer National Library of the Philippines T.M. Kalaw St., Ermita, Manila Tel. No. (02) 310-5035 loc. 304

Email: febasagre@yahoo.com

- 1.23 The Site is located at T. M. Kalaw St., Ermita, Manila and is defined in drawing No. A-1.
- 1.27 The **Start Date is 7 calendar days** upon receipt of the Notice to Proceed (NTP)
- 1.30 The **Works** consist of supply of all material, labor, equipment and tools necessary to complete the Retrofitting of National Library Building (Phase 1).
- 5.10 The Procuring Entity shall give possession of all parts of the site to the Contractor form date of mobilization until turn-over of the project.
- 6.5 The Contractor shall employ the following **Key Personnel:**

Project Manager

Project Engineer

Foreman

Steel man

Welder

Mason,

Carpenter

Plumber

Electrician

Laborers

7.1 No further instructions.

- 7.4(c) No further instructions.
- 8.1 No further instructions.
- 9.1 The applicable liquidated damages is at least one tenth (1/10) of one percent of the cost of the unperformed portion for every day of delay. The maximum deduction shall be ten percent (10%) of the amount of the contract, the Procuring Entity shall rescind the contract, without prejudice to other courses of action and remedies open to it.
- 13 No additional provision.
- 12.5 GENERAL conditions OF THE CONTRACT
- 12.6 GENERAL conditions of THE CONTRACT
- 21.2 The Arbiter is: Construction Industry Arbitration Commission.
- 21.3 No further instructions.
- 26.1 No further instructions.
- 29.1 No day works rates are applicable to the contract.
- 31.1 The Contractor shall submit the Program of Work to the Procuring Entity's Representative within 7 calendar days upon acceptance of Notice to Proceed.
- 31.3 The period between Program of Work updates is **thirty (30) calendar days** or earlier if necessary. The amount to be withheld for late submission of an updated Program of Work is **PhP10,000.00**.
- 34.3 The Funding Source is the Government of the Philippines.
- 37.1 No further instructions.
- 39.1 The amount of the advance payment is equivalent to 15% of the total contract price.
- 40.1 No further instructions.
- 40.3 No further instructions.
- 42.2 No further instructions.
- 48 No further instructions.
- 51.1 The date by which operating and maintenance manuals are required is upon final inspection. The date by which "as built" drawings are required is upon submission of final billing.
- 51.2 The amount to be withheld for failing to produce "as built" drawings and/or operating and maintenance manuals by the date required is Ten Thousand Pesos (P10,000.00).

## **SECTION VI** TECHNICAL SPECIFICATIONS

DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS Bureau of Construction

Manila

## INDIVIDUAL PROGRAM OF WORK

(1) Date: October 10, 2013

| (2) | Durcau | OI | Construction |  |
|-----|--------|----|--------------|--|
| (3) | Region |    |              |  |

(4) District/City

| (5) Na | ame/(6)Location of Project:   |               | (7) \$0                                 | urce of Funds : | (9) Ianua d      | (0) P-11      |
|--------|---|---------------|---|-----------------|------------------|---------------|
| (0)    | Proposed Structural Retrofitting of National Library Bui                      | lding         | (1) 50                                  | urce or runds : | (8) Issued       | (9) Releaseed |
|        | Ground Floor columns including Restoration of the Affe                        | ected         |   |                 |                  |               |
|        | Areas, Phase II, T. M. Kalaw, Ermita, Manila                                  |               |   |                 |                  |               |
| (10) F | Project Description:  |               |   | (11) Calenda    | r Days to Comp   | lete :        |
|        | Structural Retrofitting of Columns at Grid Line 3-5, B-F                      |               |   | (11) Caronaa    | 120 C.D          | icic .        |
|        | including the restoration of the affected areas                               |               |   |                 | 120 0.5          |               |
|        |   |               |   | (13) Equipme    | ents to be used: |               |
| (12) T | echnical Personnel Required:  |               |   | - One Ba        | gger Mixer       |               |
|        | 1 - Civil Engineer,   |               |   | - Welding       | g Machine        |               |
|        | 1 - Construction Foreman  |               |   | - Bar Cut       | ter              |               |
| (14) E | Stimated Cost by Items of Work  |               |   |                 |                  |               |
|        | SCOPE OF WORKS  | % of<br>Total | Unit                                    | Qty.            | Unit Price       | Total Amount  |
| A.     | GROUND FLOOR  |               |   |                 |                  |               |
| I      | General Requirements  |               |   |                 |                  |               |
|        | Facilities for the Engineers (Rental-2 units 40 ft. van)                      | 3.97          | 100000000000000000000000000000000000000 | 4.00            | 52,000.00        | 208,000.00    |
| b.)    | Safety and Health Program   | 1.27          |   | 1.00            | 66,684.00        | 66,684.00     |
| TT     | Total I   | 5.25          | _                                       |                 | =                | 274,684.00    |
| II     | Provision of temporary board-up   | 1.41          | lot                                     | 1.00            | 73,558.00        | 73,558.00     |
| ***    | Total II  | 1.41          |   |                 |                  | 73,558.00     |
| Ш      | Excavation Works and Fill Mat'ls  |               |   |                 |                  |               |
|        | a.) Excavation  | 4.21          | cum.                                    | 308.79          | 714.25           | 220,553.26    |
|        | b.) Steel forms/shoring protection on side wall @ 3m.                         |               |   |                 |                  |               |
| _      | deep excavation   | 2.47          | sqm.                                    | 360.00          | 358.83           | 129,178.97    |
|        | c.) Filling Materials and compaction ( Replacement for Unsuitable Mat'ls.)    |               |   |                 |                  |               |
|        |   | 4.04          | cum.                                    | 308.79          | 685.67           | 211,729.23    |
|        | d.) Cleaning, hauling and disposal of unsuitable mat'ls (excavated materials) |               |   |                 |                  |               |
|        |   | 6.93          |   | 355.11          | 1,020.88         | 362,523.17    |
| IV     | Total III   | 17.65         |   |                 |                  | 923,984.62    |
| 1 V    | Retrofitting of Columns @ G.L. 3-5, B-F                                       |               |   |                 |                  |               |
|        | a.) Chipping works/Surface Preparation  | 0.52          | sqm.                                    | 143.52          | 189.57           | 27,207.09     |
|        | b.) Driiling works for rebars   |               |   |                 |                  | 27,207.09     |
|        | b.1) 25mm dia. @ 300mm depth  | 1.00          |   | 204.00          |                  |               |
|        | b.2) 12mm dia. (a) 500mm depth<br>b.2) 12mm dia.for dia. Dowel bars           | 1.09          |   | 384.00          | 148.28           | 56,939.52     |
|        |   | 0.78          | ea.                                     | 960.00          | 42.53            | 40,828.80     |
|        | c.) Application of epoxy by injection   |               |   |                 | -                | 97,768.32     |
|        | c.1) 25mm dia. @ 300mm depth  | 5.86          | 100000                                  | 204.00          | 700 (0           | 206 662 40    |
|        | c.2) 12mm dia. @ 300mm depth  | 2.53          |   | 384.00          | 798.60           | 306,662.40    |
|        | Sub-total   | 2.33          | ea.                                     | 960.00          | 138.00           | 132,480.00    |
|        | Sub-total   |               |   |                 |                  | 439,142.40    |
|        | d.) Installation of Rebars  |               |   |                 |                  |               |
|        | d.1) 25mm dia. vertical bars,Grade 60   | 14.41         | kg.                                     | 13,772.78       | 54.77            | 754,335.38    |
|        | d.2) 12mm dia. vertical ties,Grade 40   | 1.91          | kg.                                     | 1,822.18        | 54.77            | 99,800.58     |
|        | d.3) 12mm dia. for dia. dowel bars  | 0.21          | kg.                                     | 196.07          | 54.77            | 10,738.78     |
|        | d.4) #16 G.I. tie wire  | 0.44          | kg.                                     | 202.45          | 114.95           | 23,271.52     |
|        |   | J. T.T        | 5.                                      | 202.73          | 114.73           | 43,411.34     |

|    | SCOPE OF WORKS   | % of<br>Total | Unit   | Qty.           | Unit Price           | Total Amoun           |
|----|--|---------------|--------|----------------|----------------------|-----------------------|
|    | e.) Concrete Jacketing of columns  | - 1           |        |                |                      |                       |
|    | e.1) Concrete, Class "AA", 4000psi   | 10.33         | cum.   | 62.02          | 8,721.94             | 540,899.5             |
|    | e.2) Concrete epoxy  | 1.63          | sqm.   | 294.24         | 290.40               | 85,447.3              |
|    | Sub-total Sub-total  |               |        |                |                      | 626,346.8             |
|    | f.) Dewatering (open excavation from ground floor to                         |               |        |                |                      |                       |
|    | pile caps of columns   | 0.37          | ea.    | 8.00           | 2,402.14             | 19,217.13             |
| _  | Sub-total  | - 12          |        |                |                      | 19,217.1              |
|    | g.) General Scaffolding and shoring (Rental basis)                           |               |        |                |                      |                       |
|    | with installation/dismantling  | 4.12          | lot    | 1.00           | 215,786.37           | 215,786.3             |
|    | Sub-total<br>Total IV  | 44.00         |        |                |                      | 215,786.3             |
| ,  |  | 44.20         |        |                |                      | 2,313,614.4           |
|    | Controlled Demolition / Removal/Restoration of existing structures           |               |        |                |                      |                       |
| _  | 0 1000   | -             |        |                |                      |                       |
|    | a.) Controlled Demolition a.1) Cutting/controlled demolition of Slab on-fill | 5.00          |        | 402.02         | 640.01               | 261.564.0             |
|    | a.2) Cutting/controlled demolition of CHB walls                              | 5.00<br>0.58  | sqm.   | 403.02         | 649.01               | 261,564.0             |
| _  | Sub-total  | 0.38          | sqm.   | 107.13         | 283.60               | 30,382.0<br>291,946.0 |
|    | b.) Removal/Restoration/Reinstallation of existing                           |               |        |                |                      | 491,940.0             |
|    | structures   |               |        |                |                      |                       |
|    | b.1) Removal/Reinstallation of affectected Doors                             | 0.10          | ea.    | 3.00           | 1,793.25             | 5,379.7               |
|    |  | 0.10          | - Cu.  | 5.00           | 1,775.25             | 3,317.1               |
|    | b.2) Removal/Restoration of affected Windows                                 | 0.13          | ea.    | 2.00           | 3,525.00             | 7,050.0               |
|    | b.3) Removal of Electrical works   | 0.06          |        | 1.00           | 2,948.11             | 2,948.1               |
|    | Sub-total  |               |        |                |                      | 15,377.8              |
|    | c.) Clearing and Hauling of Debris   | 0.62          | sqm.   | 375.81         | 86.32                | 32,439.9              |
|    | Sub-total Sub-total  | 1             |        |                |                      | 32,439.9              |
|    | Total V  | 6.49          |        |                |                      | 339,763.8             |
| Τ  | Restoration Works  | 191           |        |                |                      |                       |
| _  | a. ) Slab on-Fill  |               |        |                |                      |                       |
|    | a.1) Class "AA" Concrete @ 28 days   | 7.02          | cum.   | 64.50          | 5,700.53             | 367,684.1             |
| _  | a.2) RSB, 10mm x 6.0m  | .1.39         | kg.    | 1,325.01       | 54.77                | 72,570.8              |
| _  | a.3) #16 tie wire  | 0.04          | kg.    | 17.00          | 114.95               | 1,954.1               |
|    | a.4) Gravel Bedding  | 0.63          | cum.   | 21.50          | 1,524.42             | 32,767.4              |
|    | a,5) Soil Poisoning  | 0.50          | sqm.   | 430.02         | 61.21                | 26,321.5              |
| _  | a.6) Concrete topping, 50mmthk   | 2.68          | sqm.   | 430.02         | 325.63               | 140,028.4             |
|    | a.7) Concrete Epoxy  | 0.14          | sqm.   | 25.92          | 290.40               | 7,527.1               |
| _  | Sub-total  | 2.12          |        | 107.12         | 1.026.20             | 648,853.6             |
|    | b.) CHB wall Sub-total   | 2.12          |        | 107.13         | 1,036.38             | 111,027.3             |
|    | c.) Finishes   | -             |        |                |                      | 111,027.3             |
|    | c.1) Marble floor tiles  | 3.53          | cam    | 72.00          | 2 567 75             | 194 979 0             |
|    | c.2) Pebbles Wash-out  | 0.83          | sqm.   | 72.00<br>38.64 | 2,567.75<br>1,129.66 | 184,878.0<br>43,650.0 |
|    | c.3) CHB Plaster Finish  | 1.03          | sqm.   | 214.26         | 250.82               | 53,740.6              |
|    | c.4) Columns and RC walls Plaster Finish                                     | 1.11          | sqm.   | 231.84         | 250.82               | 58,150.1              |
| 1. | Sub-total  | 1.11          | Sqiii. | 251.04         | 250.62               | 340,418.8             |
|    | Sub total  |               |        |                |                      | 340,410.0             |
|    | d.) Painting Works   |               |        |                |                      |                       |
|    | d.1) Concrete exterior wall Painting   | 1.82          | sqm.   | 345.60         | 275.00               | 95,040.0              |
|    | d.2) Ceiling Painting  | 1.86          | sqm.   | 354.42         | 275.00               | 97,465.5              |
|    | d.3) Temporary Cladding @ Second Floor                                       | 0.30          | sqm.   | 82.77          | 192.77               | 15,955.5              |
|    | Sub-total Sub-total  |               | 1000   |                | - 1.2 mil (          | 208,461.0             |
|    | Total VI   | 25.00         |        |                |                      | 1,308,760.9           |
|    |  |               | 541    |                |                      |                       |
|    | GRAND TOTAL  | 100.00        |        |                |                      | 5,234,365.9           |
|    | 1,0%   |               |        |                |                      |                       |

# SECTION VII DRAWINGS

Please refer to the attached File

SECTION VIII BILL OF QUANTITIES Detailed Cost Estimates of Materials and Labor for the Proposed Structural Retrofitting of National Library Building Ground Floor Columns including the Restoration of the Affected Areas at T.M. Kalaw, Ermita, Manila.

|     | Description  | Unit  | Quantity | Unit Cost | Total Cost |
|-----|--|-------|----------|-----------|------------|
| GR  | OUND FLOOR @ Grid Line 3-5,B-F   |       |          |           |            |
| I   | General Requirements   |       |          |           |            |
|     | a.) Facilities for the Engineers   |       |          |           |            |
|     | Rental for 2-Units 40-footer Van   | mo.   | 4.00     | 52,000.00 | 208,000.00 |
|     |  |       |          | Materials | 208,000.00 |
|     |  |       |          | Total     | 208,000.00 |
|     | L ) Cofete and Houlth Document   |       |          |           |            |
|     | b.) Safety and Health Program  |       |          |           |            |
|     | b.1 Personal Protective Equipment (PPE) 1 Safety Helmet  | md    | 3,600.00 | 2.77      | 9,972.00   |
|     | 2 Safety Gloves  | md    | 3,600.00 | 7.67      | 27,612.00  |
|     | 3 Safety Shoes   | md    | 3,600.00 | 0.25      | 900.00     |
|     |  | ma    | 3,000.00 | 0.25      | 900.00     |
|     | Note: PPE is computed on rental basis by<br>establishing the unit cost of PPE per man-<br>days which can be derived by determining |       |          |           |            |
|     | the purchase cost divided by its service life  | ð     |          |           |            |
|     | Man-days = 30 workers x 120 C.D.   | 1     |          |           |            |
|     | = 3,600 man-days (md)  |       |          |           |            |
|     | PPE unit cost = Purchase cost/Service Life   | 1     |          |           |            |
|     | b.2 Construction Safety and Health Personel  | 1     |          |           |            |
|     | 1. Safety Officer (Part Time) 2days/mo:  | md    | 12.00    | 500.00    | 6,000.00   |
|     | b.3 Signages and Barricades  |       |          |           |            |
|     | 1. Safety signs  | sets  | 12.00    | 350.00    | 4,200.00   |
|     | 2. Fences/barrier/cordon   | lot   | 1.00     | 18,000.00 | 18,000.00  |
|     |  | 100   |          | Materials | 60,684.00  |
|     | Y  |       |          | Labor     | 6,000.00   |
|     |  |       |          | Total     | 66,684.00  |
| II  | Provision of temporary board-up  | sqm   | 150.37   | 372.00    | 55,937.64  |
|     | <b>P P P</b>   | -1    |          | Materials | 55,937.64  |
|     |  |       |          | Labor     | 17,620.36  |
|     |  |       |          | Total     | 73,558.00  |
|     |  |       |          | Total     | 73,536.00  |
| III | Excavation Works and Fill Mat'ls   |       |          |           | 1          |
|     | a.) Excavation   | m3    | 308.79   | 714.25 P  | 220,553.26 |
|     | b.) Steel forms/shoring protection on side wal   |       |          |           |            |
|     | @ 3m. deep excavation  | m2    | 360.00   | 280.21    | 100,877.24 |
|     | c.) Filling Materials and compaction ( Replacement for Unsuitable Mat'ls.)   | m3    | 308.79   | 520.00    | 160,570.80 |
|     | d.) Cleaning, hauling and disposal of unsuitable   | le m3 | 355.11   | 1,020.88  | 362,523.17 |
|     | mat'ls (excavated materials)   |       |          | Materials | 261,448.04 |
|     |  |       |          | Labor     | 662,536.58 |
|     |  |       |          |           |            |
|     |  |       |          | Total P   | 923,984.62 |
| IV  | Retrofitting of Columns @ G.L. 3-5, B-F  |       |          |           |            |
|     | a.) Chipping works/Surface Preparation   | m2    | 143.52   | 189.57    | 27,207.09  |
|     |  | Ĝ     |          | Labor     | 27,207.09  |
|     |  | R     |          | Total     | 27,207.09  |
|     | b.) Driiling works for rebars  |       | 1        |           |            |
|     | b.1) 25mm dia. @ 300mm depth   | ea.   | 384.00   | 148.28    | 56,939.52  |
|     | b.2) 12mm dia.for dia. Dowel bars  | ea.   | 960.00   | 42.53     | 40,828.80  |
|     |  | -     |          | Labor     | 97,768.32  |
|     |  |       |          | Total     | 97,768.32  |



|   | c.) | Application of epoxy by injection  |       |                  |                  |   |
|---|-----|--|-------|------------------|------------------|---|
|   |     | c.1) 25mm dia. @ 300mm depth   | ea.   | 384.00           | 655.50           | 251,712.00                              |
|   |     | c.2) 12mm dia.for dia. Dowel bars  | ea.   | 960.00           | 115.00           | 110,400.00                              |
|   |     | H <sub>1</sub> .   |       |                  | Materials        | 362,112.00                              |
|   |     | <u> </u>   |       |                  | Labor            | 77,030.40                               |
|   |     | org.   |       |                  | Total            | 439,142.40                              |
|   | d.) | Installation of Rebars   |       |                  |                  |   |
|   | u.) | d.1) 25mm dia. vertical bars,Grade 60  | kg    | 13,772.78        | 41.65            | 573,636.45                              |
|   |     | d.2) 12mm dia. vertical ties,Grade 40  | kg    | 1,822.18         | 41.65            | 75,893.63                               |
|   |     | d.3) 12mm dia.for dia. dowel bars  | kg    | 196.07           | 41.65            | 8,166.33                                |
|   |     | d.4) #16 G.I. tie wire   | kg    | 202.45           | 95.00            | 19,232.67                               |
|   |     |  |       |                  | Materials        | 676,929.08                              |
|   |     | *  |       |                  | Labor            | 211,217.18                              |
|   |     |  |       |                  | Total            | 888,146.20                              |
|   |     |  |       |                  |                  |   |
|   | e.) | Concrete Jacketing of columns  | - 2   | (0.00            | 4 225 00         | 260 020 2                               |
|   |     | e.1) Concrete, Class "AA", 4000psi   | m3    | 62.02            | 4,335.00         | 268,839.36                              |
|   |     | e.2) Concrete epoxy<br>e.3) Formworks  | sq.m. | 294.24<br>383.04 | 240.00<br>372.00 | 70,617.60                               |
|   |     | e.3) Formworks   | sq.m. | 303.04           | Materials        | 142,490.88<br>481,947.84                |
|   |     |  |       |                  | Labor            | 144,399.0                               |
|   |     |  |       |                  | Total            |   |
|   |     |  |       |                  | Total            | 626,346.8                               |
|   | f.) | Dewatering (open excavation from   |       |                  |                  |   |
|   |     | ground floor to pile caps of columns)  | ea.   | 8.00             | 2,402.14         | 19,217.12                               |
|   |     |  |       |                  | Labor            | 19,217.12                               |
|   |     |  | 4     |                  | Total            | 19,217.12                               |
|   | g.) | General Scaffolding and shoring (Rental b  | lot   | 1.00             | 196,169.43       | 196,169.4                               |
|   | 0,  | Installation / dismantling   | 100   | 1.00             | Materials        | 196,169.4                               |
|   |     | and the same of th |       |                  | Labor            | 19,616.9                                |
|   |     |  |       |                  | Total            | 215,786.3                               |
|   |     |  |       |                  |                  | 100000000000000000000000000000000000000 |
| V |     | trolled Demolition / Removal/Restoration   |       |                  |                  |   |
|   |     | xisting structures   | 4     |                  |                  |   |
|   | a.) | Controlled Demolition  | 1     | 402.02           | (40.01           | 261 564 0                               |
|   |     | Cutting/controlled demolition of Slab on-fill  |       | 403.02           | 649.01           | 261,564.0                               |
|   | a.z | ) Cutting/controlled demolition of CHB walls   | sqm   | 107.13           | 283.60           | 30,382.0                                |
|   |     |  |       |                  | Labor            | 291,946.0                               |
|   | 8   |  |       |                  | Total            | 291,946.0                               |
|   | b.) | Removal/Restoration/Reinstallation of  |       |                  |                  |   |
|   | 44  | existing structures  |       |                  |                  |   |
|   |     | ) Removal/Reinstallation of affected Doors   |       | 3.00             | 785.00           | 2,355.0                                 |
|   |     | Removal/Restoration of affected Windows  | set   | 2.00             | 1,725.00         | 3,450.0                                 |
|   | b.3 | ) Removal of Electrical works  | lot   | 1.00             | 2,948.11         | 2,948.1                                 |
|   |     |  |       |                  | Materials        | 5,805.0                                 |
|   |     |  |       |                  | Labor            | 9,572.8                                 |
|   |     | 3  | i     | j. I             | Total            | 15,377.8                                |
|   | c.) | Clearing and Hauling of Debris   |       |                  |                  |   |
|   |     | Area = 200 m2  | sqm   | 375.81           | 86.32            | 32,439.93                               |
|   |     |  |       |                  | Labor            | 32,439.92                               |
|   |     |  |       | į i              | Total            | 32,439.92                               |

E. .



| Concrete @ 28 days x 6.0m  ling ng pping, 50mmthk poxy  or tiles sh-out r Finish | cum. kg kg cum. sqm. sqm. sqm. sqm. | 64.50<br>1,325.01<br>17.00<br>21.50<br>430.02<br>430.02<br>25.92 | 4,335.00 41.65 95.00 1,100.00 58.64 250.71 240.00 Materials Labor Total  765.00 Materials Labor Total  965.25                   | 55,186.67<br>1,615.00<br>23,644.50<br>25,216.37<br>107,810.31<br>6,220.80<br>499,301.15<br>149,552.51<br>648,853.67<br>81,954.45<br>29,072.94<br>111,027.39 |
|--|-------------------------------------|--|---|---|
| ling ng pping, 50mmthk poxy  or tiles sh-out                                     | kg kg cum. sqm. sqm. sqm. sqm.      | 1,325.01<br>17.00<br>21.50<br>430.02<br>430.02<br>25.92          | 41.65<br>95.00<br>1,100.00<br>58.64<br>250.71<br>240.00<br>Materials<br>Labor<br>Total<br>765.00<br>Materials<br>Labor<br>Total | 25,216.37<br>107,810.31<br>6,220.80<br>499,301.15<br>149,552.51<br>648,853.67<br>81,954.45<br>29,072.94<br>111,027.39                                       |
| ling ng pping, 50mmthk poxy  or tiles sh-out                                     | kg cum. sqm. sqm. sqm. sqm.         | 17.00<br>21.50<br>430.02<br>430.02<br>25.92                      | 95.00 1,100.00 58.64 250.71 240.00 Materials Labor Total  765.00 Materials Labor Total  965.25                                  | 1,615.00 23,644.50 25,216.33 107,810.31 6,220.80 499,301.15 149,552.51 648,853.63 81,954.45 29,072.94 111,027.39  |
| oping, 50mmthk oxy  or tiles sh-out  | cum. sqm. sqm. sqm. sqm. sqm.       | 21.50<br>430.02<br>430.02<br>25.92                               | 1,100.00 58.64 250.71 240.00 Materials Labor Total 765.00 Materials Labor Total  965.25   | 23,644.50<br>25,216.37<br>107,810.31<br>6,220.80<br>499,301.15<br>149,552.51<br>648,853.67<br>81,954.45<br>29,072.94<br>111,027.39                          |
| oping, 50mmthk oxy  or tiles sh-out  | sqm. sqm. sqm. sqm. sqm.            | 430.02<br>430.02<br>25.92<br>107.13                              | 58.64 250.71 240.00 Materials Labor Total  765.00 Materials Labor Total  965.25   | 6,220.80<br>499,301.15<br>149,552.51<br>648,853.67<br>81,954.45<br>81,954.45<br>29,072.94<br>111,027.39   |
| or tiles   | sqm. sqm. sqm. sqm. sqm.            | 430.02<br>25.92<br>107.13  | 250.71 240.00 Materials Labor Total  765.00 Materials Labor Total   | 107,810.31<br>6,220.80<br>499,301.15<br>149,552.51<br>648,853.67<br>81,954.45<br>29,072.94<br>111,027.39  |
| or tiles<br>sh-out   | sqm. sqm. sqm. sqm.                 | 25.92<br>107.13  | 240.00 Materials Labor Total 765.00 Materials Labor Total   | 149,552.51<br>648,853.67<br>81,954.45<br>81,954.45<br>29,072.94<br>111,027.39   |
| or tiles<br>sh-out   | sqm.<br>sqm.<br>sqm.                | 107.13<br>72.00  | Materials Labor Total 765.00 Materials Labor Total  | 499,301.15<br>149,552.51<br>648,853.67<br>81,954.45<br>29,072.94<br>111,027.39  |
| sh-out   | sqm.<br>sqm.                        | 72.00  | Labor Total 765.00 Materials Labor Total  | 81,954.45<br>29,072.94<br>111,027.39<br>69,498.00   |
| sh-out   | sqm.<br>sqm.                        | 72.00  | Total 765.00 Materials Labor Total  | 81,954.45<br>81,954.45<br>29,072.94<br>111,027.39   |
| sh-out   | sqm.<br>sqm.                        | 72.00  | 765.00 Materials Labor Total  | 81,954.45<br>81,954.45<br>29,072.94<br>111,027.39   |
| sh-out   | sqm.<br>sqm.                        | 72.00  | Materials<br>Labor<br>Total<br>965.25   | 81,954.45<br>81,954.45<br>29,072.94<br>111,027.39<br>69,498.00  |
| sh-out   | sqm.                                |  | Labor<br>Total<br>965.25  | 29,072.94<br>111,027.39<br>69,498.00  |
| sh-out   | sqm.                                |  | <b>Total</b> 965.25   | 111,027.39<br>69,498.00   |
| sh-out   | sqm.                                |  | 965.25  | 69,498.00   |
| sh-out   | sqm.                                |  | 1   |   |
| sh-out   | sqm.                                |  | 1   |   |
|  |                                     |  | 1 016 50  |   |
| r Finish   |                                     | 38.64  | 1,016.50  | 39,277.56   |
|  | sqm.                                | 214.26   | 175.50  | 37,602.63   |
| d RC walls Plaster Finish  | sqm.                                | 231.84   | 175.50  | 40,687.92   |
|  |                                     |  | Materials   | 187,066.11  |
|  |                                     |  | Labor   | 153,352.75  |
|  |                                     |  | Total   | 340,418.80  |
| orks   |                                     |  |   |   |
| terior wall Painting   | sqm.                                | 345.60   | 165.00  | 57,024.00   |
| nting  | sqm.                                | 354.42   | 165.00  | 58,479.30   |
| Cladding @ Second Floor  | sqm.                                | 82.77  | 82.77   | 6,850.87  |
|  |                                     |  | Materials   | 122,354.17  |
|  |                                     |  | Labor   | 86,106.90   |
|  |                                     |  | Total   | 208,461.0   |
| TOTAL  |                                     |  |   | 5,234,365.9   |
|  | nting<br>Cladding @ Second Floor    | nting sqm. Cladding @ Second Floor sqm.                          | nting sqm. 354.42<br>Cladding @ Second Floor sqm. 82.77   | nting sqm. 354.42 165.00 Cladding @ Second Floor sqm. 82.77  Materials Labor Total  |

| BREAKDOWN OF ESTIMATED EXPENDITURES                 | % OF TOTAL  | AMOUNT                                  |
|---|-------------|---|
| (15)   ESTIMATED CONTRACT COST                      |             |   |
| A. MOBILIZATION / DEMOBILIZATION                    | _           | _                                       |
| B. ESTIMATED DIRECT COST                            |             |   |
| 1. Materials  |             |   |
| 1.1 Supply/Delivery                                 | 51.61       | 3,199,708.9                             |
|   |             |   |
| 2. Labor  | 32.82       | 2,034,656.98                            |
| 2.1 Direct Cost                                     |             |   |
| 2.2 Leaves 2.3 Medicare                             |             |   |
|   |             |   |
| 2.4 State Insurance                                 |             |   |
| 4. Equipment Expenses                               |             |   |
| C. INDIRECT COST:                                   |             |   |
| 1. Overhead Expenses, Contingency, Miscellaneous    | 1.60        | 99,193.64                               |
| 2. Profit   | 2.53        | 157,030.9                               |
| 3 Value Added Tax (VAT)                             | 10.62       | 658,651.39                              |
| SUB - TOTAL I                                       | 99.18       | 6,149,241.90                            |
| (16) ESTIMATED GOVERNMENT EXPENSES                  | 95.05.05.99 | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |
| <ol> <li>POW/Site Acquisition</li> </ol>            |             |   |
| 2. Soil Exploration                                 |             |   |
| 3. Project Management 1% of contract cost           | 0.82        | 50,758.10                               |
| 4 Material to be furnished by Government            |             |   |
| SUB - TOTAL II                                      | 0.82        | 50,758.10                               |
| (17) ] CONTINGENCIES/RESEVERSE                      |             |   |
| Physical (Up to 15% of the Estimated Contract Cost) |             |   |
| 2. Price Escalation (Up to 12% of the Estimated     |             |   |
| Contract Cost)                                      |             |   |
| SUB - TOTAL III                                     |             |   |
| TOTAL ESTIMATED PROJECT COST                        | 100.00      | 6,200,000.00                            |

Prepared by:

EONARDO E. JARAPLASAN

JOSELITO R. TABANCURA

Engineering Asst.

Checked by:

DANIEL A. PABLICO
OIC- Engineer IV

Submitted by:

EDGARDO C. GARCES

OIC - CSSD

NOTED:

WALTER R. OCAMPO Director IV

Bureau of Construction

# SECTION IX BID FORM

| Date:      |   |
|------------|---|
|            | t., Ermita, Manila  |
| We, the un | dersigned, declare that:  |
| (a)        | We have examined and have no reservation to the Bidding Documents, including Addenda, for the Contract [insert name of contract];   |
| (b)        | We offer to execute the Works for this Contract in accordance with the Bid and Bid Data Sheet, General and Special Conditions of Contract accompanying this Bid; The total price of our Bid, inclusive of taxes is: [insert information];   |
| (c)        | Our Bid shall be valid for a period of from the date fixed for the Bid submission deadline in accordance with the Bidding Documents, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;  |
| (d)        | If our Bid is accepted, we commit to obtain a Performance Security in the amount of [insert percentage amount] percent of the Contract Price for the due performance of the Contract;   |
| (e)        | We are not participating, as Bidders, in more than one Bid in this bidding process, other than alternative offers in accordance with the Bidding Documents;   |
|            | Our firm, its affiliates or subsidiaries, has not been declared ineligible by the Funding Source; e understand that this Bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal Contract is prepared and executed; and |
| (h)        | We understand that you are not bound to accept the Lowest Evaluated Bid or any other Bid that you may receive.  Name: In the capacity of: Signed: Duly authorized to sign the Bid for and on behalf of: Date:   |

MUST BE NOTARIZED

Form of Contract Agreement

THIS AGREEMENT, made this [insert date] day of [insert month], [insert year] between [name and address of PROCURING ENTITY] (hereinafter called the "Entity") and [name and address of Contractor] (hereinafter called the "Contractor").

WHEREAS, the Entity is desirous that the Contractor execute [name and identification of contract] (hereinafter called "the Works") and the Entity has accepted the Bid for [insert the amount in specified currency in numbers and words] by the Contractor for the execution and completion of such Works and the remedying of any defects therein.

#### NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

- 1. In this Agreement, words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
- 2. The following documents shall be attached, deemed to form, and be read and construed as part of this Agreement, to wit:
  - (a) General and Special Conditions of Contract;
  - (b) Drawings/Plans;
  - (c) Specifications;
  - (d) Instructions to Bidders;
  - (f) Bid Data Sheet:
  - (e) Addenda and/or Supplemental/Bid Bulletins, if any;
  - (f) Bid form, including all the documents/statements contained in the Bidder's bidding envelopes, as annexes;
  - (g) Eligibility requirements, documents and/or statements;
  - (h) Performance Security;
  - (i) Credit line issued by a licensed bank, if any;
  - (j) Notice of Award of Contract and the Bidder's conforme thereto;
  - (k) Other contract documents that may be required by existing laws and/or the Entity.
- 3. In consideration of the payments to be made by the Entity to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Entity to execute and complete the Works and remedy any defects therein in conformity with the provisions of this Contract in all respects.
- 4. The Entity hereby covenants to pay the Contractor in consideration of the execution and completion of the Works and the remedying of defects wherein, the Contract Price or such other sum as may become payable under the provisions of this Contract at the times and in the manner prescribed by this Contract.

IN WITNESS whereof the parties thereto have caused this Agreement to be executed the day and year first before written. Signed, sealed, delivered by the (for the Entity) Signed, sealed, delivered by the (for the Contractor).

|  | Bi | nding | Signature | of PRC | CURING | 3 ENTIT | Y |
|--|----|-------|-----------|--------|--------|---------|---|
|--|----|-------|-----------|--------|--------|---------|---|

| Binding Signature of Contractor   |
|---|
| [Addendum showing the corrections, if any, made during the Bid evaluation should be attached with this agreement] |
|   |
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|   |
|   |
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|   |
| Omnibus Sworn Statement   |
| REPUBLIC OF THE PHILIPPINES ) CITY/MUNICIPALITY OF) S.S.  |
| AFFIDAVIT   |

I, [Name of Affiant], of legal age, [Civil Status], [Nationality], and residing at [Address of Affiant], after having been duly sworn in accordance with law, do hereby depose and state that:

#### 1. Select one, delete the other:

If a sole proprietorship: I am the sole proprietor of [Name of Bidder] with office address at [address of Bidder];

If a partnership, corporation, cooperative, or joint venture: I am the duly authorized and designated representative of [Name of Bidder] with office address at [address of Bidder];

## 2. Select one, delete the other:

If a sole proprietorship: As the owner and sole proprietor of [Name of Bidder], I have full power and authority to do, execute and perform any and all acts necessary to represent it in the bidding for [Name of the Project] of the [Name of the Procuring Entity];

If a partnership, corporation, cooperative, or joint venture: I am granted full power and authority to do, execute and perform any and all acts necessary and/or to represent the [Name of Bidder] in the bidding as shown in the attached [state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate issued by the corporation or the members of the joint venture)];

- 3. [Name of Bidder] is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board;
- 4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;
- 5. [Name of Bidder] is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;

## 6. Select one, delete the rest:

If a sole proprietorship: I am not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

If a partnership or cooperative: None of the officers and members of [Name of Bidder] is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

If a corporation or joint venture: None of the officers, directors, and controlling stockholders of [Name of Bidder] is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project

| Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree; |
|--|
| 7. [Name of Bidder] complies with existing labor laws and standards; and   |
| 8. [Name of Bidder] is aware of and has undertaken the following responsibilities as a Bidder:                                 |
| a) Carefully examine all of the Bidding Documents;   |
| b) Acknowledge all conditions, local or otherwise, affecting the implementation of the Contract;                               |
| c) Made an estimate of the facilities available and needed for the contract to be bid, if any; and                             |
| d) Inquire or secure Supplemental/Bid Bulletin(s) issued for the [Name of the Project].  |
| IN WITNESS WHEREOF, I have hereunto set my hand this day of, 20 at, Philippines.   |
|  |
|  |
| Bidder's Representative/Authorized Signatory   |