

**REPAIR OF NPC HOUSING UNITS**  
(HOUSUNG QUARTER NO.28A & 28A-BASEMENT AT NPC COMPOUND, DITUCALAN, ILIGAN CITY)

**Section VI. Specifications**

**PROJECT HIGHLIGHTS**

**PH 1.0 GENERAL**

The project is funded by NPC Mindanao Generation. This project aims to preserve the assets of NPC by rehabilitating and bringing back to its original state and for the convenience of employees.

The Contractor shall furnish all labor, materials, equipment, tools and other incidental matters necessary to complete the works in accordance with the contracts and approved detailed engineering activities; and other existing laws, rules and regulations relative thereto.

**PH 2.0 PROJECT LOCATION**

The project is located within the NPC Housing Compound, Ditucalan, Iligan City.

**PH 3.0 SCOPE OF WORK**

The works and services to be performed by the Contractor for this undertaking shall essentially consist of, but not limited with the following scope of works:

1. Mobilization
2. Material And Strength Testing (If Necessary)
3. Construction Safety And Health Program  
(Housing Quarter No. 28)
4. Demolition Of Existing Walling, Flooring & Disposal Works
5. Earthworks
  - A. Excavation
  - B. Backfilling
6. Reinforcement Steel (Deformed), Grade 40
7. Concrete Works
8. Steel Works
9. Masonry Works Including Plastering
  - A. Laying Of Chb
  - B. Plastering
10. Tile Works
11. Dry Wall ( Exterior & Interior)
12. Doors & Re-Installation Of Existing Windows
13. Plumbing Fixtures & Fittings
14. Electrical Works
15. Painting Works (Exterior & Interior Walling And Indoor Ceiling)  
(Housing Quarter No. 28a- Basement)
16. Dry Wall (Interior) Including 3 Sets Of Flush Door & Painting
17. Repair Of Comfort Room
18. Electrical Works
19. Demobilization



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**PH 4.0 CONTRACT PERIOD**

The contractor shall complete the works as specified in Clause 3 within **Sixty (60) calendar days**. The total contract duration is inclusive of six (6) unworkable days considered unfavorable for the execution of work at site. The contract period shall be reckoned from the date of contract effective as specified in the Notice to Proceed.

**PH 5.0 CONTRACTOR'S CLASSIFICATION**

The contractor must have a valid Philippine Contractors Accreditation Board (PCAB) license of at least **Category C or D – General Building** with inter- agency registration and classification of at least **Small B – Building or Industrial Plant**.

The Contractor must have undertaken similar contracts that involves construction/rehabilitation/expansion of commercial, industrial or office building provided that the contract cost shall be at least equivalent to 50% of ABC.

**PH 6.0 MINIMUM REQUIRED PERSONNEL**

**1 - Project Engineer**

(A Licensed Civil Engineer with at least Five (5) years experience in related works)

**1 - Construction Foreman**

(A B.S. Civil Engineering Graduate with at least three (3) years experience in similar works or a Civil Engineering Technology Graduate with at least five (5) years experience in similar works) or if non-graduate, at least five (5) years working experience as Construction Foreman in similar works.

**1 - Safety Officer 2 (SO2)**

(Construction Safety Officer who has completed at least forty (40) hours of Construction Safety and Health (COSH) Training from Occupational Safety and Health Center (OSHC) or Safety Training Organizations (STOs) accredited by the Department of Labor and Employment (DOLE). Must be present during the whole duration of the project.)

**1 - Welder**

(NC II Certificate and must have at least three (3) years experience in related works)

**1 - Plumber**

(Must have at least three (3) years experience in related works)

The following key personnel information indicated above must be included in Standard Form NPCMGNSF-INFR-05: List of Key personnel Proposed to be Assigned to the Contract. Filled up Standard Form NPCMGNSF-INFR-05 must be included in the technical component envelope.

Project Engineer or Foreman and Construction Safety & Health Officer maybe one person, as long as he meets the requirements of the two positions. Provided however, that there is no overlapping of projects undertaken by the same contractor and supervised by the same person.

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FROM: [Illegible]

SUBJECT: [Illegible]

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The above key personnel must be either employed by the applicant or contracted by the applicant to be employed for the contract to be bid.

**H 7.0 MINIMUM REQUIRED CONSTRUCTION EQUIPMENT**  
**(Owned or Leased)**

<u>Equipment</u>	<u>Capacity</u>	<u>Number of Units</u>
Concrete Mixer	1-Bagger	One (1)
Concrete Vibrator, Pen Type	3 HP	One (1)
Welding Machine	300 Amp.	One (1)
Mini Dump Truck	3 cu.m.	One (1)
Demolition/Jack Hammer	1,000W	One (1)

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SECTION VIII - BILL OF QUANTITIES

**BILL OF QUANTITIES**

Item No.	Description of Work or Materials	Unit	Estimated Quantity	Unit Price in Pesos (Words and Figures)	Total Amount
<b>A. HOUSING QUARTER NO. 28A</b>					
1	CONSTRUCTION SAFETY AND HEALTH PROGRAM	1.00	lot	_____ (PHP _____)	PHP _____
2	DEMOLITION OF EXISTING WALLING, FLOORING & DISPOSAL WORKS	1.00	lot	_____ (PHP _____)	PHP _____
<b>3 EARTHWORKS</b>					
3a	Excavation	12.31	cu.m.	_____ (PHP _____)	PHP _____
3b	Backfilling	13.40	cu.m.	_____ (PHP _____)	PHP _____
4	REINFORCEMENT STEEL (DEFORMED), GRADE 40	1,752.09	kgs.	_____ (PHP _____)	PHP _____
<b>5 CONCRETE WORKS</b>					
5		15.87	cu.m.	_____ (PHP _____)	PHP _____
<b>6 STEEL WORKS</b>					
6		1.00	lot	_____ (PHP _____)	PHP _____
<b>7 MASONRY WORKS INCLUDING PLASTERING</b>					
7a	Laying of CHB	33.11	sq.m.	_____ (PHP _____)	PHP _____
7b	Plastering	45.41	sq.m.	_____ (PHP _____)	PHP _____
<b>8 TILE WORKS</b>					
8		45.08	sq.m.	_____ (PHP _____)	PHP _____
9	DRY WALL ( EXTERIOR & INTERIOR)	166.41	sq.m.	_____ (PHP _____)	PHP _____
10	DOORS & RE-INSTALLATION OF EXISTING WINDOWS	1.00	lot	_____ (PHP _____)	PHP _____
11	PLUMBING FIXTURES & FITTINGS	1.00	lot	_____ (PHP _____)	PHP _____
<b>12 ELECTRICAL WORKS</b>					
12		1.00	lot	_____ (PHP _____)	PHP _____
13	PAINTING WORKS (Exterior & Interior Walling and	225.27	sq.m.	_____ (PHP _____)	PHP _____

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SECTION VIII - BILL OF QUANTITIES

Name of Project **REPAIR OF HOUSING NPC HOUSING UNITS (HOUSING QUARTER NO. 28A & 28-A BASEMENT, NPC COMPOUND, BRGY. DITUCALAN, ILIGAN CITY)**

PR # \_\_\_\_\_

**BILL OF QUANTITIES**

Item No.	Description of Work or Materials	Unit	Estimated Quantity	Unit Price in Pesos (Words and Figures)	Total Amount
B.	HOUSING QUARTER NO. 28A- Basement				
14	DRY WALL (INTERIOR) INCLUDING 2 SETS OF OF DOOR & PAINTING	30.51	sq.m.	_____ (PHP _____)	PHP _____
15	REPAIR OF COMFORT ROOM	1.00	lot	_____ (PHP _____)	PHP _____
16	ELECTRICAL WORKS	1.00	lot	_____ (PHP _____)	PHP _____
<b>TOTAL</b>					_____

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Name of Firm

\_\_\_\_\_  
Name and Signature of Authorized Representative

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Designation

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