

## ***Section I. Invitation to Bid***

### **Construction of PWD's Accessibility and Ground Improvement of Regional Haven**

**ITB No. DSWD7-PB-2018-25**

1. ***The Department of Social Welfare & Development – Field Office VII (DSWD-FO)*** through the authorized appropriations for Fiscal Year 2018 General Appropriations Act (GAA No.) intends to apply the sum of ***One Million Eight Hundred Eighteen Thousand Nine Hundred Pesos (₱1,818,900.00)*** being the Approved Budget for the Contract (ABC) to payments under the contract for the ***Construction of PWD's Accessibility and Ground Improvement of Regional Haven***. Bids received in excess of the ABC shall be automatically rejected at bid opening.
2. The ***DSWD-FO VII*** now invites bidders/contractors for the above-said Project. Completion of the works is required within ***90 calendar days from the issuance of Notice to Proceed***. Bidders should have completed, ***a single contract similar to the Project*** equivalent to at least ***50% of the ABC*** which is ***₱909,450.00*** and must be supported with the following documents:
  1. ***Either of Contract, Purchase Order, Notice of Award and/or Notice to Proceed, and***
  2. ***Either of Project Owner's Certificate of Final Acceptance issued by the Owner other than the Contractor, Constructors Performance Evaluation System (CPES) Final Rating, which must be at least satisfactory or Official Receipt/Sales Invoice. In case of contracts with the private sector, an equivalent document shall be submitted.***

The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II. Instructions to Bidders.

3. Bidding will be conducted through open competitive bidding procedures using non-discretionary pass/fail criterion as specified in the Implementing Rules and Regulations (IRR) of Republic Act 9184 (RA 9184), otherwise known as the "Government Procurement Reform Act".

Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least seventy five percent (75%) interest or outstanding capital stock belonging to citizens of the Philippines.

4. Interested bidders may obtain further information from ***BAC Secretariat*** and inspect the Bidding Documents at the address given below during office hours.

5. A complete set of Bidding Documents may be purchased by interested Bidders from the address below and upon payment of a nonrefundable fee for the Bidding Documents in the amount of **Five Thousand Pesos (P5,000.00)** starting **August 1, 2018**.
- It may also be downloaded free of charge from the website of the Philippine Government Electronic Procurement System (PhilGEPS) and the website of the Procuring Entity, provided that bidders shall pay the fee for the Bidding Documents not later than the submission of their bids.*
- Site Inspection** is a prerequisite for bidders to participate in the bidding. The **Project Site** is located at the **Regional Haven for Women, Camomot-Franza Road, Labangon, Cebu City**. For site visit schedule, please call **Engr. Emmanuel Edles** at telephone no. (032) 412-9908 local 131 or mobile phone no. 0919-2598811, the procuring entity's representative for site inspection activity.
6. *The Bids and Awards Committee (BAC) will hold a **Pre-Bid Conference** on **August 14, 2018 at exactly 10:30 AM in the Conference Room of Reception & Study Center for Children (RSCC), Camomot-Franza Road, Labangon, Cebu City** which shall be open to prospective bidders.*
7. Bids must be delivered to the **BAC Secretariat Office** located at the **G/F of ACSWD III Building, DSWD Field Office VII, M.J. Cuenco cor. Gen. Maxilom Ave., Cebu City** and must be received on or before **August 28, 2018, 10:15 AM**. All bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in ITB Clause 18. **Late bids shall not be accepted.**
- Bid opening** shall be on **August 28, 2018, 10:30 AM** in the **Conference Room of DSWD Field Office VII, M.J Cuenco corner Gen. Maxilom Ave., Cebu City**. Bids will be opened in the presence of the bidders' representatives who choose to attend.
8. The **Department of Social Welfare & Development – Field Office VII (DSWD-FO VII)** reserves the right to accept or reject any bid, to annul the bidding process, and to reject all bids at any time prior to contract award, without thereby incurring any liability to the affected bidder or bidders.
9. For further information, please refer to:
- MR. ANTONIO R. DOLAOTIA, CPA, MPA**  
*Head, BAC Secretariat*  
*DSWD – Field Office VII*  
*M.J. Cuenco corner Gen. Maxilom Avenue, Cebu City*  
*Tel. Nos. (032) 2338785 local 140*  
*Email Add: bacsec.fo7@gmail.com*  
*Website: www.fo7.dswd.gov.ph*

  
**AILEEN G. CUEVAS**  
Chairperson, Bids & Awards Committee

### ***Section III. Bid Data Sheet***

ITB Clause	
1.1	<p>The Procuring Entity is <i>Department of Social Welfare and Development, Field Office VII (DSWD-FO VI) Cebu City</i>.</p> <p>The name of the Contract is <b><i>Construction of PWD's Accessibility and Ground Improvement of Regional Haven.</i></b></p> <p>The identification number of the Contract is <b><i>ITB No. DSWD7-PB-2018-25.</i></b></p>
2	<p>The Funding Source is:</p> <p>The Government of the Philippines (GOP) through <i>the authorized General Appropriation Funds for FY 2017</i> in the amount of <b><i>One Million Eight Hundred Eighteen Thousand Nine Hundred Pesos (P1,818,900.00).</i></b></p> <p>The name of the Project is <b><i>Construction of PWD's Accessibility and Ground Improvement of Regional Haven.</i></b></p>
3.1	No further instructions.
5.1	No further instructions.
5.2	Bidding is restricted to eligible bidders as defined in ITB Clause 5.1.
5.4(a)	No further instructions.
5.4(b)	For this purpose, similar contracts shall refer to <b>construction of infrastructure projects.</b>
8.1	"Subcontracting is not allowed."
8.2	"Not applicable."
9.1	The Procuring Entity will hold a pre-bid conference for this Project on <b><i>August 14, 2018 at exactly 10:30 AM</i></b> in the <b><i>Conference Room of Reception &amp; Study Center for Children (RSCC) located at Camomot-Franza Road, Labangon, Cebu City.</i></b>
10.1	<p>The Procuring Entity's address is:</p> <p><i>Department of Social Welfare and Development, Field Office VII Cor. M.J. Cuenco and Gen. Maxilom Ave., Cebu City Telefax No. (032) 412-9908 local 127 Contact person:</i></p> <p><b><i>MR. ANTONIO R. DOLAOTA, CPA, MPA</i></b> <b><i>Head, BAC Secretariat</i></b></p>

	<p>DSWD – Field Office VII M.J. Cuenco corner Gen. Maxilom Avenue, Cebu City Tel. Nos. (032) 2338785 local 140 Email Add: <a href="mailto:bacsec.fo7@gmail.com">bacsec.fo7@gmail.com</a> Website: <a href="http://www.fo7.dswd.gov.ph">www.fo7.dswd.gov.ph</a></p>																		
10.4	No further instructions.																		
12.1	No further instructions.																		
12.1(a)(iii)	No further instructions.																		
12.1(b)(ii.2)	<p>The minimum work experience requirements for key personnel are the following:</p> <table><tr><td><u>Key Personnel</u></td><td><u>General Experience</u></td><td><u>Relevant Experience</u></td></tr><tr><td>Project Manager</td><td></td><td></td></tr><tr><td>Project Engineer</td><td>(not the same Project Engineer of the ongoing DSWD Infrastructure Project within the compound of the project site)</td><td></td></tr><tr><td>Material Engineer</td><td></td><td></td></tr><tr><td>Safety Officer</td><td></td><td></td></tr><tr><td>Foreman</td><td>(not the same Foreman of the ongoing DSWD Infrastructure Project within the compound of the project site)</td><td></td></tr></table>	<u>Key Personnel</u>	<u>General Experience</u>	<u>Relevant Experience</u>	Project Manager			Project Engineer	(not the same Project Engineer of the ongoing DSWD Infrastructure Project within the compound of the project site)		Material Engineer			Safety Officer			Foreman	(not the same Foreman of the ongoing DSWD Infrastructure Project within the compound of the project site)	
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12.1(b)(iii.3)	<p>The minimum major equipment requirements are the following:</p> <table><tr><td><u>Equipment</u></td><td><u>Capacity</u></td><td><u>Number of Units</u></td></tr><tr><td>Concrete Mixer</td><td>One-bagger</td><td>1</td></tr><tr><td>Concrete Vibrator</td><td></td><td>1</td></tr><tr><td>Plate Compactor</td><td></td><td>1</td></tr><tr><td>Welding Machine</td><td></td><td>1</td></tr><tr><td>Hauling Truck</td><td></td><td>2</td></tr></table>	<u>Equipment</u>	<u>Capacity</u>	<u>Number of Units</u>	Concrete Mixer	One-bagger	1	Concrete Vibrator		1	Plate Compactor		1	Welding Machine		1	Hauling Truck		2
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13.1	“No additional Requirements”																		
13.1(b)	<p>This shall include all of the following documents:</p> <ol style="list-style-type: none"><li>1) Bid prices in the Bill of Quantities;</li><li>2) Detailed estimates, including a summary sheet indicating the unit prices of construction materials, labor rates, and equipment rentals used in coming up with the Bid; and</li><li>3) Cash flow by quarter or payment schedule.</li></ol>																		
13.2	The ABC is <b><i>One Million Eight Hundred Eighteen Thousand Nine Hundred</i></b>																		



	<p><b>Pesos (P1,818,900.00).</b></p> <p>Any bid with a financial component exceeding this amount shall not be accepted.</p>
14.2	<i>Insert value engineering clause if allowed, otherwise state "No further instructions."</i>
15.4	No further instruction.
16.1	The bid prices shall be quoted in Philippine Pesos.
16.3	No further instructions.
17.1	Bids will be valid until <b>120 calendar days from bid opening.</b>
18.1	<p>The bid security shall be in the form of a <b>Bid Securing Declaration</b> or any of the following forms and amounts:</p> <ol style="list-style-type: none"> <li>1. The amount of <b>P36,378.00</b> [2% of ABC], if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit;</li> <li>2. The amount of <b>P90,945.00</b> [5% of ABC] if bid security is in Surety Bond; or</li> </ol>
18.2	The bid security shall be valid until <b>120 calendar days from the date of opening of bids.</b>
20.3	Each Bidder shall submit <i>one (1) original and one (1) copy</i> of the first and second components of its bid. <i>Copy 1 should be a replica of the original as to appearance and contents.</i>
21	<p>The address for submission of bids is at:</p> <p><b>BAC Secretariat Office, ACSWD III Building, DSWD-Field Office VII M.J. Cuenco corner Gen. Maxilom Avenue, Brgy. Carreta, Cebu City</b></p> <p>The deadline for submission of bids is on <b>August 28, 2018, 10:15 AM.</b></p>
24.1	<p>The place of bid opening is at:</p> <p><b>Conference Room of DSWD-Field Office VII M.J. Cuenco corner Gen. Maxilom Avenue, Brgy. Carreta, Cebu City</b></p> <p>The date and time of bid opening is on <b>August 28, 2018 at 10:30 AM.</b></p>
24.2	No further instructions.
24.3	No further instructions.

27.3	NFCC computation, if applicable, must be least equal to the ABC or <b>₱1,818,900.00</b> Another option is a <b>Credit Line Certificate</b> from a commercial bank equivalent to at least 10% of the ABC which is <b>₱181,890.00</b> .
27.4	No further instructions.
28.2	<i>List of licenses and permits relevant to the Project and the corresponding law requiring it or state "None."</i>
31.4(f)	<i>List additional contract documents relevant to the Project that may be required by existing laws and/or the Procuring Entity, such as construction schedule and S-curve, manpower schedule, construction methods, equipment utilization schedule, construction safety and health program approved by the Department of Labor and Employment, and PERT/CPM or other acceptable tools of project scheduling.</i>

# ***Section VI. Specifications***

## **PART II: GENERAL REQUIREMENTS RELATED SECTIONS**

All applicable provisions of the different divisions of the Specifications for each work trade shall apply for all items cited in this Summary.

### **INFERRED ITEMS AND WORK**

Materials and workmanship deemed necessary to complete the works but NOT specifically mentioned in the Specifications, Working Drawings, or in the other Contract Documents, shall be supplied and installed by the Contractor without extra cost to the Owner. Such materials shall be of the highest quality available, and installed or applied in a workmanlike manner at prescribed or appropriate locations.

### **SPECIFICS**

Materials specifically mentioned in this Summary shall be installed following efficient and sound engineering and construction practice, and especially as per manufacturer's application for installation specifications which shall govern all works alluded to in these Specifications.

### **WATER & ELECTRICITY CONNECTION**

**1. Temporary Water:** The Contractor shall supply in sufficient quantity all necessary potable and other water for construction purposes for all trades at a point within a reasonable distance of the building being constructed. The Contractor shall make arrangements and pay charges for water service installation, maintenance, and removal thereof, and pay the costs of water for all trades.

**2. Temporary Electricity:** The Contractor shall make all necessary arrangements for a temporary electrical service, pay all expenses in connection with the installation, operation and removal thereof, and pay the costs of electricity consumed by all trades.

### **A. PROJECT BILLBOARD/SIGNBOARD**

- Project Billboards/COA signages shall be installed near the construction site or before the entrance gate and must be visible for the visitors.

### **B. OCUPATIONAL SAFETY AND HEALTH**

**C.**

Before the start of work, the contractor shall submit Health and Safety Plan with operational detail of his proposals to the engineer for his approval. The contractor must secure Construction Safety Certificate from DOLE and must implement safety measures during construction stage.

### **SIGNAGES**

The contractor shall provide safety signages within the construction vicinity.

#### **D. TEMPORARY FENCE**

The whole area of the compound shall be fenced temporarily with necessary gates as directed by the Engineer. The site must be closed enough and must not be visible for the clients living in the center.

### **PART A: EARTHWORKS**

- **CLEARING AND GRUBBING**

The site shall be cleared for in all directions outside of the perimeter lines except for existing buildings and when building abuts the property line or the street. The premises shall be kept free from the accumulation of waste materials or rubbish resulting directly or indirectly with the construction.

- **SURPLUS COMMON EXCAVATION**

All excavation for foundation, catch basins and piping shall be made to grades indicated in the drawings; where excavation will rest on fill, excavation shall be carried deeper until the desired stratum is reached for safe bearing capacity of the soil.

Where rock occurs and footings and walls are indicated to the rest on the same, the rock shall be leveled to a clean and even surface. Whenever water is encountered in the excavation process, it shall be removed by pumping, care being taken that the surrounding particles are not disturbed or removed.

- **GRAVEL FILL**

All gravel laying shall be properly laid and properly compacted based on the plan specified.

- **SOFTSCAPE**

- Materials**

- All plants shall be delivered healthy and vigorous in growth and free from disease.
  - Garden soil shall be free from termites.
  - Watering and maintenance of plants shall be within 6 months after completion and acceptance.
  - Trees and Plants includes:
    - a. Bauhinia purpurea (ORCHID TREE), 4000 MM HT., 2" Caliper  
- 2 sets
    - b. Cynometra ramiflora (BALITBITAN), 3000 MM HT., 2" Caliper  
3 sets -
    - c. Millettia pinnata (BANI), 3000 MM HT., 3" Caliper  
4 sets -



- |  |      |
|--|------|
| d. Wedelia tribolata (WEDELIA), 150mm HT, 200mm O.C.             | -    |
| 200 pcs  |      |
| e. Trimezia steyermarkii(YELLOW IRIS), 350mm HT, 250mm O.C.      | -    |
| 100 pcs  |      |
| f. Hymenocallis littoralis (SPIDER LILY), 500mm HT, 700mm SPREAD |      |
| - 20 pcs   |      |
| g. Mandevilla sanderii Climbers                                  | - 20 |
| pcs  |      |

## • HARDSCAPE

The work included under this section comprises the furnishing of all materials, labor, equipment, and performance of all operations necessary to complete all concrete, masonry, stoneworks, carpentry, framing and painting works as shown in the drawings, or as specified herein.

### A. MATERIALS

#### CONCRETE

- Footings and reinforced concrete bench ten (10) centimeters or less in thickness shall be of concrete construction with a compressive stress of not less than 2500 psi.
- Reinforced concrete used for walls along property lines (fences, slabs on fill and CHB footings may have a concrete compressive stress of not less than 2500 psi.
- Kiosk shall be used with good (hard) lumber
- Use only one brand of cement throughout. Portland cement shall conform to the Standard Specifications for Portland cement (ASTM Designation C-150 latest revision) for type 1 Portland cement.
- Gravel: Well graded, clean, hard particles of gravel or crushed rock conforming to the "STANDARD SPECIFICATIONS FOR CONCRETE AGGREGATES" (ASTM Designated C-33 latest revision).
- Sand: ASTM C 35 – 67, clean, washed river sand, strong, free from organic and other deleterious materials. Sand from salt water or lahar is not allowed.
- Use only water that is clean and free from injurious amounts of oils, acids, alkali, organic materials or other deleterious substances. Fit for human consumption.

#### MASONRY

- Concrete Mortar compressive strength ( $f_c'$ ) = 13.8 MPa (2000 psi).
- Adhesive Mortar: Use ECOFIX by ECONTECH or approved equal for laying vitrified ceramic tiles & porcelain tiles.
- Grout: Use ECO TILE GROUT by ECONTECH or approved equal for floor and wall tile either glazed or semi-glazed tiles. Masonry concrete grout compressive strength ( $f_c'$ ) = 13.8 MPa (2000 psi). For toilet works and tile works.
- Plaster Bond: Use ECOFILL by ECONTECH or approved equal. Apply on all wall areas, as required, prior to plastering.

## **STEEL REINFORCEMENTS AND METALS**

- All reinforcement bars shall be deformed.
- Steel reinforcements for structural members such as slabs, pedestals and footings shall be structural grade. G.I. tie wires shall be gauge 16.
- Use 100mm x 100mm x 3.2mm angle bars for wall planting feature framing
- Use 50mm x 50mm x 5mm angle bracket for wall planting feature
- Use stainless steel wire mesh for wall planting frame.
- **HARDWARE AND FASTENERS:** Use metal nails, bolts, screws, plates, straps, miscellaneous fasteners or anchorage; concealed or countersunk whenever called for angle brackets and/or laminated items
- Use 6011 welding rods for all welding works. All welding joints shall be properly weld and grinded and ready for steel primer coating.
- Use 2" Ø Stainless Steel for Slab on Grade Ramp Railing.

## **WOOD AND PLASTICS**

- Tanguile or Lauan from MATWOOD treated lumber: quartersawn, sound and free from imperfections impairing its strength and finish. Kiln-dried (max. moisture content: 12%), with the same shade and color for assemblies or sets of assemblies, warp free, S4S and fine sanded lumber. For exposed kiosk timber column, planter seat and pathways.
- **HARDWARE AND FASTENERS:** Use metal nails, screws, plates, straps, miscellaneous fasteners or anchorage; concealed or countersunk whenever called for laminated items.
- **ASSEMBLY MATERIALS:** Approved water-resistant glue, and nails, screws and bolts of appropriate type, shape and size for all types of joints.
- **Trademark:** Each separate lumber piece or assembly is required to bear an official mark of the millworks supplier.
- All forms shall be at least 4mm thk. ordinary or marine plywood on 2"x2" coco lumber for columns and 2"x3" coco lumber for beams or other members subjected to flexural stress.

## **ROOFING**

- Roof shall be Asphalt roofing shingles for kiosk. The shape, configuration, thickness, brand, and color shall be of the engineer's approval.

## **PAINTINGS**

All paint and paint materials called for under this section shall be as manufactured by known manufacturer or owner approved equivalent and must be LEAD-FREE Paint.

### **1. METHODS OF APPLICATIONS**

- All wood, concrete and masonry surfaces shall be in a condition necessary to receive satisfactory paint finish all nail holes, cracks or open joints shall be puttied or grouted. Putty where necessary shall be applied with a knife after the prime coats have been applied.
- All masonry surfaces must be thoroughly neutralized or cleaned either by brush or spray with a solution four (4) pounds of zinc sulphate to each gallon of

water. After drying all crystals on the surface must be brushed off before applying the required paint.

- All millworks and other woodworks shall be cleaned before paint application. Result voids nail holes, cracks shall be filled with approved putty. Touch up all knots, pitch streaks and sappy spot with approved sealer.
- No exterior painting shall be done when raining and no interior painting shall be made until building has been thoroughly cleaned.
- Painting shall be applied only over the proceeding coats which are hard and dry. Painting shall be evenly and smoothly applied in thin but covering coats, and shall be free from runs, sags and crawling.
- All paints shall be applied in three (3) coats including primer.
- Exterior concrete walls shall be painted except as otherwise specified in the drawings.

## 2. CLEANING

- Upon completion of the work, the contractor shall remove from the site all used materials, debris and all pain spots on the floors, hardware fixtures, etc. All works performed under this section shall be left clean and acceptable to the Owner.

## B. PROPORTION.

- Class "A" (1:2:4) concrete shall be used for structural members such as columns, beams, suspended slabs and footings. Gravel shall not be larger than  $\frac{3}{4}$ ".
- Use Class "B" (1:2  $\frac{1}{2}$ :5) concrete shall be used in wall and slab on fill.

## C. FORMS

- Wood forms shall be of sound lumber, free from large, loose knots or other defects. Lumber used in forms for exposed surfaces shall be dressed to a uniform thickness; for unexposed surfaces and rough work undressed lumber may be used.
- Forms shall be sufficiently tight to prevent leakage of mortar, and shall be sufficiently braced or tied together to maintain correct position and shape.

## • FILL AND BACKFILL

After concrete foundations have hardened enough to resist pressure from fill, the materials from excavation shall be used for back filling around them. Top two inches of backfill shall consist of sand, gravel and other approved materials thoroughly composted by wetting and tamping. All backfill materials shall be tamped thoroughly at every uniform later of 6 ".

For Bukbok proofing of kiln-dried wood: Use Pentachlorophenol. Dilution rating: 1 part Pentachlorophenol to 100 parts water.

## **PART C: FINISHING**

- **SOIL POISONING**

This section includes soil poisoning. All materials whether specifically mentioned or not, but necessary to complete this item of work shall be furnish and installed in the best workmanship practice.

- **PLUMBING WORKS AND FIXTURES**

This section includes the installation of Sanitary Sewer Pipes, Water Distribution Pipes and Sanitary Fixtures with complete fittings. All materials whether specifically mentioned or not, but necessary to complete this item of work shall be furnish and installed in the best workmanship practice.

### **MATERIALS**

1. **SANITARY SEWER PIPES**

Sanitary Sewer Pipes and Vent Pipes including fittings shall be Polyvinyl Chloride (PVC) Pipes, series 1000 Class A and reinforced concrete pipes or its approved equivalent free from defects.

2. **WATER DISTRIBUTION AND SUPPLY PIPES**

Water Distribution and Supply Pipes shall be Class A PPRC (PN20) piping and fittings or its approved equivalent free from defects. Installed conforming manufacturers specification or as shown in the drawings.

3. **FIXTURES**

- a. Faucets shall be bronze faucets or its approved equivalent complete with fittings and accessories.
- b. Floor drain shall be stainless steel, measuring 100mm x 100mm and provided with detachable stainless strainer expanded metal lath tape.

- **WATERPROOFING (CEMENT BASE)**

Applied waterproofing shall be both integral and surface waterproofing. Both shall be applied on concrete based slab specifically along kiosk. Use 5W WELDCRETE COATING or approved equivalent. Mix proportion, coverage and procedure shall be according to the manufacturer's recommendation.

## **PART D: ELECTRICAL**

The works includes furnishing, delivery and installation of all materials, equipment and labor necessary for the completion of all electrical works as shown in the drawings and as specified herein. All installation shall conform to the requirements of the latest edition to the Philippine Electrical Code (PEC) rules and regulations of local and national authorities concerned with the enforcement of electrical laws and the local power company.



## MATERIALS

All materials shall be new and high quality which shall be with the Specifications and other applicable standards.

### 1. WIRES

- a. All wires shall be copper, soft drawn, annealed and of ninety-eight (98%) percent conductivity. They shall be smooth and true and cylindrical in form.
- b. Wires for lighting system shall be thermoplastic insulated, type "THHN", unless otherwise noted in the drawings or specifications.
- c. All wires shall be locally manufactured by Phelps Dodge or as specified in the drawings.

### 2. PANEL BOARD

Lighting panel shall be equipped with circuit breakers as indicated in the plans. Branch circuit breakers and main circuit breaker shall be bolt-on type. Circuit breakers shall be enclosed in hinged metal box or cabinet to suit the size and rating to prevent the entrance of water and tampering by unauthorized persons.

### 3. JUNCTION AND PULL BOXES

Junction and pull boxes shall be provided as indicated or as required for facilitating the pulling of wires and cables. Splices and taps in any system shall be made only in junction boxes.

### 4. WALL SWITCHES

Wall switches shall be rated 10 amperes with voltage rating as required and shall be tumbler operation. Switches shall be Class A or approved equivalent.

### 5. ELECTRICAL FIXTURES

- a. 75W LED Lamp warm white
- b. 120W Reflector Lamp PAR38, warm white
- c. 15W LED Lamp
- d. 12V, 3W LED Lamp
- e. 12W Recessed wall light LED Lamp, warm white
- f. 20A, 240V Floor Mounted (POP-UP) Weatherproof Convenience Outlet
- g. 12watts Pinlight, warm white

### 6. LOCATION OF WIRING AND OUTLET

- a. The location of outlets shown on diagrammatic wiring plans shall be considered as approximate and it shall be the responsibility of the contractor before installation of outlet boxes, to study, verify and obtain precise information from all pertinent drawings, for the exact locations of all outlets and wirings.

- b. Mounting heights of devices shall be installed as follows if not specified and at the locations shown in the drawings.

- Panel board is 1.70m above finish floor

## **PART E: MECHANICAL**

- **WATER PUMPING SYSTEM**

The work included under this section comprises the furnishing of all materials, labor, equipment, and performance of all operations necessary to complete all mechanical works as shown in the drawings, or as specified herein.

- Submersible pump with fountain head nozzle

## ***Section VII. Drawings***

***Note: Drawings and Plants will be issued separately to participating bidders.***

## Section VIII. Bill of Quantities

ITB No. : **DSWD7-PB-2018-25**  
 Project Name : **Construction of PWD's Accessibility and Ground Improvement of Regional Haven**  
 Location : **Camomot-Franza Road, Labangon, Cebu City**

Pay Item No.	Description	Qty.	Unit	Unit Price (Pesos)	Amount
<b>PART II: OTHER GENERAL REQUIREMENTS</b>					
B.5	Project Billboard/Signboard	1.00	each		
B.7	Occupational Safety and Health Program	3.00	mos		
B.9	Mobilization and Demobilization	1.00	L.S.		
B.20	Temporary Fence	1.00	L.S.		
<b>Sub-Total of Part II</b>					
<b>DIVISION I - GENERAL</b>					
<b>PART A: EARTHWORK</b>					
100(2)	Clearing and Grubbing	1.00	L.S.		
102(2)	Surplus Common Excavation	76.00	cu.m.		
804(4)	Gravel Fill	54.00	cu.m.		
807(2)	Softscape	1.00	L.S.		
807(5)	Hardscape	1.00	L.S.		
1705(1)	Fill and Backfill	6.00	cu.m.		
<b>Sub-Total of Part A</b>					
<b>PART C: FINISHING</b>					
1000(1)	Soil Poisoning	1.00	lit		
1001(6)	Catch Basin (Concrete)	1.00	L.S.		
1002(8)	Plumbing Fixtures	1.00	L.S.		
1002(27)	Plumbing Works	1.00	L.S.		
1016(1)a	Waterproofing (Cement Base)	5.00	sq.m.		
<b>Sub-Total of Part C</b>					
<b>PART D. ELECTRICAL</b>					
1100(10)	Conduits, Boxes and Fittings	1.00	L.S.		
1101(33)	Wires and Wiring Devices	1.00	L.S.		
1102(1)	Panelboard with Main and Branch Breakers	1.00	L.S.		
1103(1)	Lighting Fixtures and Lamps	1.00	L.S.		
<b>Sub-Total of Part D</b>					
<b>PART E: MECHANICAL</b>					
1201(1)	Water Pumping System	1.00	L.S.		
<b>Sub-Total of Part E</b>					
<b>TOTAL</b>					



ITB No. : **DSWD7-PB-2018-25**  
 Project Name : **Construction of PWD's Accessibility and Ground Improvement of Regional Haven**  
 Location : **Camomot-Franza Road, Labangon, Cebu City**

### SUMMARY

ITEM NO.	DESCRIPTION	AMOUNT
PART II	OTHER GENERAL REQUIREMENTS	
PART A	EARTHWORK	
PART C	FINISHING	
PART D	ELECTRICAL	
PART E	MECHANICAL	
<b>TOTAL BID AMOUNT</b>		<b>P</b>

**TOTAL BID AMOUNT (In Words) :** \_\_\_\_\_

Note: The above quoted prices are inclusive of indirect costs, such as taxes, contractor's profit and miscellaneous expenses, i.e. processing fees for building/fencing permits and occupancy permits.

### READ AND ACCEPTED AND GOOD FOR AGREEMENT

Date : \_\_\_\_\_

Signature : \_\_\_\_\_

In the capacity as : \_\_\_\_\_

Duly authorized for Bids and in Behalf of : \_\_\_\_\_