

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

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Section III- BID DATA SHEET – PROCUREMENT OF 750KVA GENERATOR SET WITH A POWER HOUSE

| ITB Clause |   |                   |               |
|------------|---|-------------------|---------------|
| 5.3        | <p>For this purpose, contracts similar to the Project shall be:</p> <p>a. <i>supply of 750KVA Generator Set and Construction of a Power House and Underground Cabling</i></p> <p>b. completed within three (3) years (June 2018 to June 2021) prior to the deadline for the submission and receipt of bids.</p>   |                   |               |
| 7.1        | <i>Subcontracting is not allowed</i>  |                   |               |
| 12         | The price of the Goods shall be quoted DDP, CSU, Virac, Catanduanes or the applicable International Commercial Terms (INCOTERMS) for this Project.  |                   |               |
| 14.1       | <p>The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts:</p> <p>a. The amount of not less than <u>Php600,000.00</u> (2% of the ABC), if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or</p> <p>b. The amount of not less than <u>Php1,500,000.00</u> (5% of ABC), if bid security is in Surety Bond.</p>   |                   |               |
| 15         | <p>Each bidder shall submit one copy of the first and second components of its Bid.</p> <p>The Procuring Entity allows the submission of bids through online submission or any other electronic means, hence, the Bidder shall submit an electronic copy of its Bid, which must be digitally signed. <b>An electronic copy that cannot be opened or is corrupted shall be considered non-responsive and, thus, automatically disqualified.</b></p>  |                   |               |
| 19.2       | Partial bids is not allowed   |                   |               |
| 19.3       | List each items indicating quantity and ABC   |                   |               |
|            | Unit of Measure   | Brief Description | QTY           |
| unit       | <p>Supply, Delivery, Installation, Testing and Commissioning of One Unit 750 KVA Standby Generator Set C/W Accessories, Distribution Panel, Transfer Switch, Wirings, and Raceways Including Power House (12m x 8m)</p> <p>GENERATOR SPECIFICATIONS:<br/>                     Silent type Standby Diesel Generator Set<br/>                     750KVA 3 Phase 230V, 60Hz, 1800rpm, 0.8pf w/<br/>                     12 hours base fuel tank<br/>                     Dimension (mm) (L x W x H): 4300 x 1900 x 2300<br/>                     Weight: 6500kg</p> | 1                 | 11,800,000.00 |

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|       |   |      |        |
|-------|---|------|--------|
|       | <p>Engine specifications:<br/>                 Cycle: 4 stroke<br/>                 Aspiration: Turbocharged &amp; air to air intercooled; direct injection<br/>                 Starting method: 24V Electric motor starters<br/>                 Speed governor: Electronic<br/>                 Cooling way: Water-cooled system<br/>                 Fuel consumption @100% load Prime load: 161L/h<br/>                 Enclosure: IP21<br/>                 Control panel: digital<br/>                 Complete with accessories<br/>                 DISTRIBUTION PANEL SPECIFICATIONS:<br/>                 Distribution Panel 1 (1 set)<br/>                 Compartment 1:<br/>                 Main Circuit Breaker: 1 x 1000AT/ 1000AF, 3P, 240V 60Hz, 65KAIC MCCB<br/>                 Compartment 2:<br/>                 Branch Circuit Breakers: 2 x 500AT/600AF 3P, 240V 60Hz, 65KAIC MCCB + 4 space for 600AF, 3P 240V MCCB<br/>                 Compartment 3:<br/>                 1 x 250AT/250AF 2P, 240V 60Hz 42KAIC MCCB +<br/>                 1 x 200AT/250AF 2P, 240V 60Hz 42KAIC MCCB +<br/>                 1 x 175AT/250AF 2P, 240V 60Hz 42KAIC MCCB +<br/>                 1 x 100AT/250AF 2P, 240V 60Hz 42KAIC MCCB +<br/>                 1 x 70AT/250AF 2P, 240V 60Hz 42KAIC MCCB +<br/>                 1 space for 250AF 2P, 240V MCCB</p> <p>Complete with accessories, mechanical lugs, grounding bus and digital display metering for Voltage/phase, Current/phase, Frequency/phase in NEMA 3R type enclosure floor mounted</p> |      |        |
|       | <p>SUPPLY, DELIVERY AND INSTALLATION OF UNDERGROUND FEEDER CONDUCTORS, RACEWAYS AND TRANSFER SWITCHES INCLUDING TRENCHES AND HANDOLE ENCLOSURES</p> <p><b>CONDUITS, BOXES, FITTINGS AND ACCESSORIES</b></p>   |      |        |
| piece | uPVC Pipe thickwall, 32mmØ x 3m   | 2    | 132.00 |
| piece | uPVC Pipe thickwall, 40mmØ x 3m   | 8    | 267.00 |
| piece | uPVC Pipe thickwall, 50mmØ x 3m   | 10   | 367.00 |
| piece | uPVC Pipe thickwall, 65mmØ x 3m   | 1544 | 471.00 |
| piece | uPVC Elbow 32mmØ 90°  | 2    | 75.00  |
| piece | uPVC Elbow 40mmØ 90°  | 4    | 100.00 |
| piece | uPVC Elbow 50mmØ 90°  | 6    | 100.00 |
| piece | uPVC Elbow 65mmØ 45°  | 48   | 133.00 |
| piece | uPVC Elbow 65mmØ 90°  | 91   | 133.00 |
| set   | RSC Clamp 32mmØ w/ screw  | 6    | 24.00  |

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|---|---|------|-----------|
| set   | Conduit Clamp; 40 mm dia, Metal, U-Bolt, Stainless  | 24   | 30.00     |
| set   | Conduit Clamp; 50 mm dia, Metal, U-Bolt, Stainless  | 30   | 38.00     |
| set   | Conduit Clamp; 65 mm dia, Metal, U-Bolt, Stainless  | 20   | 50.00     |
| length  | Z - bar; 1/8"thk. x 1" x 20'  | 2    | 1,100.00  |
| set   | Expansion shield 1/4"Ø x 2"   | 30   | 14.50     |
| piece   | Pull Box w/ cover; NEMA 3R 300mm x300mm x150mm Deep   | 2    | 700.00    |
| piece   | Pull Box w/ cover; NEMA 3R 400mm x400mm x150mm Deep   | 3    | 1,000.00  |
| piece   | Pull Box w/ cover; NEMA 3R 600mm x600mm x250mm Deep   | 4    | 1,200.00  |
| can   | PVC Solvent Cement; 400 cc  | 20   | 200.00    |
| roll  | Caution Buried Electric Line Below Warning Tape 3" x 1000'  | 3    | 2,500.00  |
| <b>ELECTRICAL WIRINGS, CONNECTORS AND ACCESSORIES</b> |   |      |           |
| meter   | Electric wire THWN-2 5.5mm <sup>2</sup> Cu. Str., 600V  | 200  | 37.00     |
| meter   | Electric wire THWN-2 8.0mm <sup>2</sup> Cu. Str., 600V  | 650  | 71.00     |
| meter   | Electric wire THWN-2 14mm <sup>2</sup> Cu. Str., 600V   | 1090 | 95.00     |
| meter   | Electric wire THWN-2 22mm <sup>2</sup> Cu. Str., 600V   | 470  | 197.50    |
| meter   | Electric wire THWN-2 30mm <sup>2</sup> Cu. Str., 600V   | 1500 | 227.00    |
| meter   | Electric wire THWN-2 38mm <sup>2</sup> Cu. Str., 600V   | 520  | 371.00    |
| meter   | Electric wire THWN-2 60mm <sup>2</sup> Cu. Str., 600V   | 340  | 499.00    |
| meter   | Electric wire THWN-2 80mm <sup>2</sup> Cu. Str., 600V   | 30   | 594.00    |
| meter   | Electric wire THWN-2 100mm <sup>2</sup> Cu. Str., 600V  | 310  | 747.00    |
| meter   | Electric wire THWN-2 125mm <sup>2</sup> Cu. Str., 600V  | 30   | 1,115.00  |
| meter   | Electric wire THWN-2 175mm <sup>2</sup> Cu. Stranded, 600V  | 8046 | 1,335.00  |
| piece   | Split bolt connector, copper, 60mm <sup>2</sup> Stranded  | 1    | 500.00    |
| piece   | Split bolt connector, copper, 175mm <sup>2</sup> Stranded   | 8    | 1,300.00  |
| piece   | Circuit breaker mechanical lug kit, for 2 x 175mm <sup>2</sup> Stranded conductors 400A rated current | 6    | 750.00    |
| piece   | Circuit breaker mechanical lug kit, for 2 x 175mm <sup>2</sup> Stranded conductors 500A rated current | 6    | 750.00    |
| roll  | PVC Tape/19 mm dia x 18 mm  | 83   | 30.00     |
| roll  | Rubber Tape/ Friction Tape/19 mm dia x 227 g  | 75   | 37.00     |
| <b>TRANSFER SWITCHES</b>                              |   |      |           |
| set   | Manual Transfer Switch (MTS) 100AT, 2P, 240V, 60Hz NEMA 3R Enclosure c/w accessories                  | 3    | 14,300.00 |
| set   | Manual Transfer Switch (MTS) 150AT, 2P, 240V, 60Hz NEMA 3R Enclosure c/w accessories                  | 2    | 19,500.00 |
| <b>HANDHOLES AND TRENCHES</b>                         |   |      |           |
| bags  | Portland Cement   | 168  | 306.00    |
| cu.m.   | Fine Aggregate  | 32   | 850.00    |
| cu.m.   | Crushed Gravel, 3/4"  | 18   | 975.00    |

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| ===== |   |                                  |    |              |
|-------|---|----------------------------------|----|--------------|
|       | piece   | 10mmØ x 7.5 RSB                  | 27 | 236.00       |
|       | piece   | 10mmØ x 7.5 RSB                  | 53 | 190.00       |
|       | kgs   | # 16 G.I. Tie Wire               | 3  | 75.00        |
|       | bd.ft   | Coco Form Lumber                 | 96 | 40.00        |
|       | piece   | 1/2" thk. 4' x 8' Marine Plywood | 32 | 610.00       |
|       | kgs   | Assorted Common Nail             | 3  | 75.00        |
|       | lot   | INSTALLATION COST                | 1  | 5,200,000.00 |
|       |   | <b>NOTE: LOT EVALUATION</b>      |    |              |
| 20.2  | The Bidder shall submit its latest income and business tax returns filed and paid through the BIR Electronic Filing and Payment System (eFPS) and other appropriate licenses and permits required by law and stated in the BDS. |                                  |    |              |
| 21.2  | NOT APPLICABLE  |                                  |    |              |