



**INVITATION TO BID FOR THE  
PROCUREMENT OF 750KVA GENERATOR SET  
 WITH A POWER HOUSE**

1. The CATANDUANES STATE UNIVERSITY through the use of GAA CY 2021 intends to apply the sum of **THIRTY MILLION PESOS ONLY (Php30,000,000.00)** being the ABC to payments under the contract for the *Procurement of 750KVA Generator Set with a Power House/Identification Number 21-06-036*. Bids received in excess of the ABC shall be automatically rejected at bid opening.
2. The CATANDUANES STATE UNIVERSITY now invites bids for the above Procurement Project.

Brief Description of Goods:

Item No.	Unit of Measure	Brief Description	Qty	ABC/UNIT
1	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:            Silent type Standby Diesel Generator Set            750KVA 3 Phase 230V, 60Hz, 1800rpm, 0.8pf w/ 12 hours base fuel tank            Dimension (mm) (L x W x H): 4300 x 1900 x 2300            Weight: 6500kg            Engine specifications:            Cycle: 4 stroke            Aspiration: Turbocharged &amp; air to air intercooled; direct injection            Starting method: 24V Electric motor starters            Speed governor: Electronic            Cooling way: Water-cooled system            Fuel consumption @100% load Prime load: 161L/h            Enclosure: IP21            Control panel: digital            Complete with accessories</p> <p>DISTRIBUTION PANEL SPECIFICATIONS:            Distribution Panel 1 (1 set)            Compartment 1:            Main Circuit Breaker: 1 x 1000AT/ 1000AF, 3P, 240V 60Hz, 65KAIC MCCB            Compartment 2:            Branch Circuit Breakers: 2 x 500AT/600AF 3P, 240V 60Hz, 65KAIC MCCB + 4 space for 600AF, 3P 240V MCCB            Compartment 3:            1 x 250AT/250AF 2P, 240V 60Hz 42KAIC MCCB +            1 x 200AT/250AF 2P, 240V 60Hz 42KAIC MCCB +            1 x 175AT/250AF 2P, 240V 60Hz 42KAIC MCCB +            1 x 100AT/250AF 2P, 240V 60Hz 42KAIC MCCB +            1 x 70AT/250AF 2P, 240V 60Hz 42KAIC MCCB + 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>	1	11,800,000.00

*Grd*



Item No.	Unit of Measure	Brief Description	Qty	ABC/UNIT
		<b>SUPPLY, DELIVERY AND INSTALLATION OF UNDERGROUND FEEDER CONDUCTORS, RACEWAYS AND TRANSFER SWITCHES INCLUDING TRENCHES AND HANDOLE ENCLOSURES</b> <b>CONDUITS, BOXES, FITTINGS AND ACCESSORIES</b>		
1	piece	uPVC Pipe thickwall, 32mmØ x 3m	2	132.00
2	piece	uPVC Pipe thickwall, 40mmØ x 3m	8	267.00
3	piece	uPVC Pipe thickwall, 50mmØ x 3m	10	367.00
4	piece	uPVC Pipe thickwall, 65mmØ x 3m	1544	471.00
5	piece	uPVC Elbow 32mmØ 90°	2	75.00
6	piece	uPVC Elbow 40mmØ 90°	4	100.00
7	piece	uPVC Elbow 50mmØ 90°	6	100.00
8	piece	uPVC Elbow 65mmØ 45°	48	133.00
9	piece	uPVC Elbow 65mmØ 90°	91	133.00
10	set	RSC Clamp 32mmØ w/ screw	6	24.00
11	set	Conduit Clamp; 40 mm dia, Metal, U-Bolt, Stainless	24	30.00
12	set	Conduit Clamp; 50 mm dia, Metal, U-Bolt, Stainless	30	38.00
13	set	Conduit Clamp; 65 mm dia, Metal, U-Bolt, Stainless	20	50.00
14	length	Z - bar; 1/8"thk. x 1" x 20'	2	1,100.00
15	set	Expansion shield 1/4"Ø x 2"	30	14.50
16	piece	Pull Box w/ cover; NEMA 3R 300mm x300mm x150mm Deep	2	700.00
17	piece	Pull Box w/ cover; NEMA 3R 400mm x400mm x150mm Deep	3	1,000.00
18	piece	Pull Box w/ cover; NEMA 3R 600mm x600mm x250mm Deep	4	1,200.00
19	can	PVC Solvent Cement; 400 cc	20	200.00
20	roll	Caution Buried Electric Line Below Warning Tape 3" x 1000'	3	2,500.00
		<b>ELECTRICAL WIRINGS, CONNECTORS AND ACCESSORIES</b>		
21	meter	Electric wire THWN-2 5.5mm <sup>2</sup> Cu. Str., 600V	200	37.00
22	meter	Electric wire THWN-2 8.0mm <sup>2</sup> Cu. Str., 600V	650	71.00
23	meter	Electric wire THWN-2 14mm <sup>2</sup> Cu. Str., 600V	1090	95.00
24	meter	Electric wire THWN-2 22mm <sup>2</sup> Cu. Str., 600V	470	197.50
25	meter	Electric wire THWN-2 30mm <sup>2</sup> Cu. Str., 600V	1500	227.00
26	meter	Electric wire THWN-2 38mm <sup>2</sup> Cu. Str., 600V	520	371.00
27	meter	Electric wire THWN-2 60mm <sup>2</sup> Cu. Str., 600V	340	499.00
28	meter	Electric wire THWN-2 80mm <sup>2</sup> Cu. Str., 600V	30	594.00
29	meter	Electric wire THWN-2 100mm <sup>2</sup> Cu. Str., 600V	310	747.00
30	meter	Electric wire THWN-2 125mm <sup>2</sup> Cu. Str., 600V	30	1,115.00
31	meter	Electric wire THWN-2 175mm <sup>2</sup> Cu. Stranded, 600V	8046	1,335.00
32	piece	Split bolt connector, copper, 60mm <sup>2</sup> Stranded	1	500.00
33	piece	Split bolt connector, copper, 175mm <sup>2</sup> Stranded	8	1,300.00
34	piece	Circuit breaker mechanical lug kit, for 2 x 175mm <sup>2</sup> Stranded conductors 400A rated current	6	750.00
35	piece	Circuit breaker mechanical lug kit, for 2 x 175mm <sup>2</sup> Stranded conductors 500A rated current	6	750.00
36	roll	PVC Tape/19 mm dia x 18 mm	83	30.00
37	roll	Rubber Tape/ Friction Tape/19 mm dia x 227 g	75	37.00
		<b>TRANSFER SWITCHES</b>		
38	set	Manual Transfer Switch (MTS) 100AT, 2P, 240V, 60Hz NEMA 3R Enclosure c/w accessories	3	14,300.00
39	set	Manual Transfer Switch (MTS) 150AT, 2P, 240V, 60Hz NEMA 3R Enclosure c/w accessories	2	19,500.00
		<b>HANDHOLES AND TRENCHES</b>		
40	bags	Portland Cement	168	306.00

Go