



**BAGUIO WATER DISTRICT**  
"Serving Mankind is Serving God"  
003 Purok BWD, Brgy., Marcoville, Baguio City  
Tel. No. 442-4858 Fax No. 442-4858/444-7245

Document No.: **ADM-PUR-F006**  
Effectivity Date: **February 15, 2020**  
Revision No.: **00**

**No. 35007**

**PURCHASE ORDER**

Supplier : <b>JANGLO TRADING &amp; CONSTRUCTION</b>	P.O. No. : <b>35007</b>
Tel No./ Fax No. : <b>(046) 430-3094 / 0917 502 6564</b>	Date : <b>December 02, 2022</b>
Address / TIN : <b>9298 JM Loyola St., Brgy. Maduya Carmona Cavite</b>	PR No./Abstract No. : <b>11-101P</b>

Gentlemen/ Madam,

Please furnish this Office the following articles subject to the terms and conditions contained herein.

Place of Delivery : <input type="checkbox"/> Pick up <input checked="" type="checkbox"/> FOB BWD Warehouse <input type="checkbox"/> Deliver at site	P.O. Valid Until : <b>30 days</b> Warranty : <input type="checkbox"/> Six months <input type="checkbox"/> One year <input checked="" type="checkbox"/> Others (Pls. Specify) <b>365 days or 1500 running hours which ever comes first</b>
Date of Delivery : <b>120-160 Working days</b> <input type="checkbox"/> Calendar Days upon receipt of PO	<input checked="" type="checkbox"/> 1% Retention Required <input type="checkbox"/> Performance Bond Required (5% if in check/50% if GSIS surety bond)
Delivery Term : <input type="checkbox"/> full <input type="checkbox"/> partial delivery allowed	<input checked="" type="checkbox"/> Subject to testing / inspection prior to payment Payment Term : <input type="checkbox"/> COD <input checked="" type="checkbox"/> 30 Days <input type="checkbox"/> Others (Pls. Specify)

Quantity	Unit	Description/Specifications	Unit Cost	Amount
3	units	"ATLAS COPCO" GENERATOR SET x x x x (Please refer to the attached sheet for complete detailed specifications)		<b>P 21,813,380.00</b>

Usage / Requisitioner **For Irisan Complex - P & D c/o R.A.Bandoquillo**

Prepared by:

Checked by:

Audited by:

Recommending Approval:

Approved By:

MARCOS G. LAMANGAN

ATTY. CHANELL DOLOR D. DE GUZMAN

LUZVIMIN G. RAMOS

ATTY. MA. LUNA C. TENEDERO

ENGR. SALVADOR M. ROYCEA

Purchasing Supervisor

Admin Division Manager

Internal Auditor

AGM-Adm./Com./Fin.

General Manager

Conforme:

Signature over Printed Name of Supplier

Date

Funds Available:

JELYN D. PENALES

Finance Manager

Acct. :

Operating / Maintenance Expense

CAPEX

Other Payables

☐


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☐

FROM SDGM DRP  
LARN

05 DEC 2022



	<b>BAGUIO WATER DISTRICT</b> <b>003 Purok BWD, Barangay Marcoville, Baguio City</b> <b>(074) 442-4858 / (074) 444-7245</b>	Document No.	ADM-PUR-F006
		Effectivity Date	February 15, 2020
	<b>PURCHASE ORDER</b>	Revision No.	00

Supplier/Contractor	: JANGLO TRADING & CONSTRUCTION	Purchase Order No.	: 35007
Contact Number	: (046) 430-3094 / 0917 502 6564	Date	: December 02, 2022
Address / TIN	: 9298 J.M. Loyola St., Brgy. Maduya Carmona Cavite	PR No./Abstract No.	: 11-101P

Qty	Unit	Description	Unit Cost	Amount
2	units	<b>"Atlas Copco" Generator Set</b>	<b>₱6,790,160.00</b>	<b>13,580,320.00</b>
		<b>Model: QAS400</b>		
		Rated frequency: 60hz		
		Rated speed: 1800 rpm		
		Standby rated power (ESP): 506 kva		
		Prime rated power (PRP): 460 Kva		
		Power factor: 0.8		
		Rated current (PRP): 553.3 A		
		Rated current (ESP): 608.6 A		
		Rated voltage (line to line): 480 V		
		Coupling engine / alternator: Direct		
		Operating temp.: 50°C		
		Min. running temp.: -15°C		
		Single step load capability: 60%		
		Fuel tank capacity: 640L		
		Fuel Autonomy at Full Load: 6.8h		
		Fuel consumption at 10% load: 30 l/h		
		Fuel consumption at 25% load: 45 l/h		
		Fuel consumption at 50% load: 60.30 l/h		
		Fuel consumption at 75% load: 73.60 l/h		
		Fuel consumption at 100% load 94.30 l/h		
		Max. sound power level: 100dB (A)		
		Sound pressure level @ 7m: 72 dB (A)		
		<b>Engine:</b>		
		<b>General:</b>		
		Speed: 1800 rpm		
		Aspiration: Turbocharged		
		Speed governor: Electronic EMS-2		
		Number of cylinders: 6		
		Bore: 131 mm		
		Stroke: 158 mm		
		Electrical system (DC): 24V		
		Coolant: Parcool		
		Combustion system: Direct injection		
		Charged air cooling system: Intercooled		
		Piston speed: 9.5m/s		
		Swept volume: 12.78L		
		Max. permissible load factor of PRP during 24h: 70%		









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Qty	Unit	Description	Unit Cost	Amount
		<b>Cooling System:</b>		
		Coolant: Parcool		
		Capacity of engine: 20L		
		Total capacity (radiator, hoses): 24L		
		Fan power consumption at nominal speed: 24Kw		
		Fan material: Plastic		
		<b>Lubrication System:</b>		
		Capacity of oil system (including filters +sump): 36L		
		Max. Lubrication oil temp.: 130°C		
		<b>Alternator:</b>		
		Rated output power: 550Kva		
		Number of bearings: 1		
		Number of wires: 12		
		Degree of protection: IP23/H		
		Number of poles: 4		
		Number of phases: 3		
		Excitation system: Shunt		
		<b>Dimensions and weight:</b>		
		Length: 4.02m		
		Width: 1.39m		
		Height: 2.02m		
		Weight: (dry / wet): 4185 / 4736kg		
		<b>Standard Sensors:</b>		
		Oil (temp. pressure & level)		
		Coolant (temp. & level)		
		Fuel level		
		Water in fuel		
		Generator voltage		
		Generator current transformer		
		Air inlet pressure switch		
		Low coolant level shutdown/warning		
1	unit	<b>"Atlas Copco" Generator Set</b>	8,233,060.00	8,233,060.00
		<b>Model: QAS500</b>		
		Rated frequency: 60hz		
		Rated speed: 1800 rpm		
		Prime rated power (PRP): 571 kva		
		Standby rated power (ESP): 628.1 Kva		
		Power factor: 0.8		
		Rated current (PRP): 686.8 A		





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Qty	Unit	Description	Unit Cost	Amount
		Rated current (ESP): 755.5 A		
		Rated voltage (line to line): 480 V		
		Single-step load capability: 68%		
		Fuel tank capacity: 970L		
		Fuel Autonomy at Full Load: 8.3h		
		Fuel consumption at 10% load: 23.36 l/h		
		Fuel consumption at 25% load: 37.71 l/h		
		Fuel consumption at 50% load: 61.84 l/h		
		Fuel consumption at 75% load: 85.72 l/h		
		Fuel consumption at 100% load: 116.71 l/h		
		Max. sound power level: 100dB (A)		
		Sound pressure level @ 7m: 72 dB (A)		
		Coupling engine/alternator: Direct		
		Operating temp.: 50°C		
		Min. running temp.: -15°C		
		<b>Engine:</b>		
		<b>General:</b>		
		Speed: 1800 rpm		
		Aspiration: Turbocharged		
		Speed governor: Electronic EMS-2		
		Number of cylinders: 6		
		Bore: 144 mm		
		Stroke: 165 mm		
		Electrical system (DC): 24V		
		Combustion system: Direct injection		
		Charged air cooling system: Intercooled		
		Swept volume: 16.12L		
		<b>Cooling System:</b>		
		Coolant: Parcool		
		Capacity of engine: 33L		
		Total capacity (radiator, hoses): 60L		
		Fan power consumption at nominal speed: 19Kw		
		Fan material: Plastic		
		<b>Lubrication System:</b>		
		Capacity of oil system (including filters +sump): 48L		
		Max. Lubrication oil temp.: 130°C		
		<b>Alternator:</b>		
		Rated output power: 680Kva		
		Number of bearings: 1		
		Number of wires: 12		



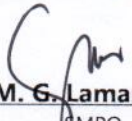
	<b>BAGUIO WATER DISTRICT</b> <b>003 Purok BWD, Barangay Marcoville, Baguio City</b> <b>(074) 442-4858 / (074) 444-7245</b>	Document No.	ADM-PUR-F006
	<b>PURCHASE ORDER</b>	Effectivity Date	February 15, 2020
		Revision No.	00

Qty	Unit	Description	Unit Cost	Amount
		Degree of protection: IP23/H		
		Number of poles: 4		
		Number of phases: 3		
		Excitation system: PMG		
		<b>Standard Sensors:</b>		
		Oil (temp. pressure & level)		
		Coolant (temp. & level)		
		Fuel level		
		Water in fuel		
		Generator voltage		
		Generator current transformer		
		Air inlet pressure switch		
		Low coolant level shutdown/warning		
		<b>Dimensions and weight:</b>		
		Length: 4.8m		
		Width: 1.55m		
		Height: 2.29m		
		Weight: (dry/wet): 5594 / 6426kg		

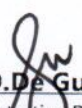
**Total: ₱21,813,380.00**

Usage: For Irisan Complex – P & D c/o R.A.Bandoquillo

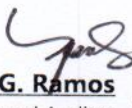
Prepared by:

  
**M. G. Lamangan**  
 SMPO

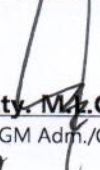
Checked by:

  
**Atty. C.D. De Guzman**  
 Administrative Div.  
 Manager

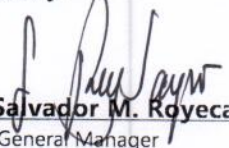
Audited by:

  
**L. G. Ramos**  
 Internal Auditor


Recommending Approval:

  
**Atty. Mar. C. Tenedero**  
 AGM Adm./Com./Fin./ICT

Approved by:

  
**Engr. Salvador M. Royeca**  
 General Manager



	<b>BAGUIO WATER DISTRICT</b> <b>Bids and Awards Committee</b> <b>(In-house)</b>	Document Code: BAC_IH
		Document No. BAC_IH_F002
		Effective Date: 16 March 2020
	<b>RESOLUTION</b>	Revision No. 00

<b>BIDS AND AWARDS COMMITTEE</b> <b>RESOLUTION NO. 063-2022</b> <b>(RQ No. 09-101P; Generator Sets)</b>
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**WHEREAS**, the Baguio Water District-Bids and Awards Committee (BWD-BAC), in accordance with the provisions of Republic Act (RA) No. 9184, conducted the bidding for the procurement of a) two (2) units 400 KVA generator set and b) one (1) unit 600 KVA generator set, both in brand new state and with required specifications under Request for Quotation (RQ) No. 09-101P dated 23 September 2023, under a two-envelope system of bidding but not on a one-lot purchase;

**WHEREAS**, the approved budget unit costs for the said procurement are a) Php6,800,000.00/unit - 400 KVA generator set and b) Php8,250,000.00/unit - 600 KVA generator set;

**WHEREAS**, only **JANGLO TRADING & CONSTRUCTION** submitted its bid and during the opening of the technical bids on 19 October 2022, it was determined that lone bidder submitted complete documentary requirements and upon evaluation by the Technical Working Group of its offers, it was determined that it likewise submitted complying bids for items both items thus, its financial bids were opened and the bids as read and calculated are as follows:

JANGLO TRADING & CONSTRUCTION	BRAND	BID AS READ AND CALCULATED (unit)	% VARIANCE FROM ABC	ABC (unit)
a) 400 KVA generator set	Atlas Copco	Php6,790,160.00	0.14%	Php6,800,000.00
b) 600 KVA generator set	Atlas Copco	Php8,233,060.00	0.21%	Php8,250,000.00

**WHEREAS**, upon qualification and careful examination, validation and verification of all the documents submitted by and of the financial bids of the lone complying bidder, it has been determined that **JANGLO TRADING & CONSTRUCTION** submitted complete documents and its financial bids for both items are determined to be lone calculated responsive bids;

**NOW THEREFORE, on motion duly seconded, be it**

**RESOLVED**, as it is hereby resolved, to award the procurement of a) two (2) units 400 KVA generator set and b) one (1) unit 600 KVA generator set, both in brand new state, to **JANGLO TRADING & CONSTRUCTION** with the offered brands and specifications, for being the lone calculated responsive bidder in this particular bidding.

**UNANIMOUSLY APPROVED (14 November 2022)**

Engr. Fernando A. Peria  
Vice-Chairperson

Engr. Reynant I. De Torres  
Member

Engr. Noriel C. Calpito  
Member

Engr. Michael Jordan E. Sison  
Member

Engr. Shayne Margie S. Abellera  
Member

Geovani L. Piza  
Member

Atty. Ma. Luisa C. Tenedero  
Chairperson

Attested by the Secretariat:

Apple Jane P. Aviles

Sharlene M. Durante

Approved by:

Engr. Salvador M. Royeca  
General Manager