

DATE: 4/30/2025

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BID NO.: 50-00147614

**BID FORM**  
Non Public Works

All Public Work Projects are required to use the Louisiana Uniform Public Work Bid Form

All prices must be held firm unless an escalation provision is requested in this bid. Jefferson Parish will allow one escalation during the term of the contract, which may not exceed the U.S. Bureau of Labor Statistics National Index for all Urban Consumers, unadjusted 12 month figure. The most recently published figure issued at the time an adjustment is requested will be used. A request must be made in writing by the vendor, and the escalation will only be applied to purchases made after the request is made.

Are you requesting an escalation provision?

YES \_\_\_\_\_ NO ☒

MAXIMUM ESCALATION PERCENTAGE REQUESTED \_\_\_\_\_%

INITIAL BID PRICES WILL REMAIN FIRM THROUGH THE DATE OF 6/15/2025

For the purposes of comparison of bids when an escalation provision is requested, Jefferson Parish will apply the maximum escalation percentage quoted by the bidder to the period to which it is applied in the bid. The initial price and the escalation will be used to calculate the total bid price. It will be assumed, for comparison of prices only, that an equal amount of material or labor is purchased each month throughout the entire contract.

**DELIVERY: FOB JEFFERSON PARISH**

INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES

12 weeks

**LOUISIANA CONTRACTOR'S LICENSE NO.: (if applicable)** \_\_\_\_\_

**THIS SECTION MUST BE COMPLETED BY BIDDER:**

FIRM NAME: Better Pumps & Solutions, LLC.

ADDRESS: 12203 Airline Hwy

CITY, STATE: Baton Rouge, La ZIP: 70817

TELEPHONE: (225) 319-7260 FAX: (225) 250-1640

EMAIL ADDRESS: - jato1@betterpumps.com

In the event that addenda are issued with this bid, bidders MUST acknowledge all addenda on the bid form. Bidder must acknowledge receipt of an addendum on the bid form by placing the addendum number as indicated. Failure to acknowledge any addendum on the bid form will result in bid rejection.

Acknowledge Receipt of Addenda: NUMBER: 1

NUMBER: \_\_\_\_\_

NUMBER: \_\_\_\_\_

NUMBER: \_\_\_\_\_

TOTAL PRICE OF ALL BID ITEMS: \$ 210,103.88

AUTHORIZED SIGNATURE: [Signature]

TITLE: President

Joseph Ato1

Printed Name

SIGNING INDICATES YOU HAVE READ AND COMPLY WITH THE INSTRUCTIONS AND CONDITIONS.

NOTE: All bids should be returned with the BID NUMBER and BID OPENING DATE indicated on the outside of the envelope submitted to the Purchasing Department.

DATE: 4/30/2025

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## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00147614

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
1	2.00	EA	<p>Purchase of Emergency Standby 8" Pump for the Jefferson Parish Department of Drainage</p> <p>0010 EMERGENCY STANDBY 8" PUMP PACKAGE</p> <p>***** SPECIFICATIONS ATTACHED *****</p> <p>DELIVER TO: FLEET DEPT 4901 JEFFERSON HWY. SUITE A JEFFERSON, LA 70121</p>	\$105,051.94	\$210,103.88

**RESOLUTION OF THE MEMBERS  
OF  
BETTER PUMPS & SOLUTIONS, LLC**

A meeting of the Members of Better Pumps & Solutions, LLC was held on the 24 day of August, 2015 at which time the Members waived all requirements of notice of the date, time and place, as well as the purpose of the meeting and after being called to order by Brad Dutruch, Manager, the following resolutions were unanimously adopted:

ON MOTION DULY MADE AND SECONDED, IT WAS UNANIMOUSLY RESOLVED, that Joseph Atol, IV, is hereby appointed as a Manager of Better Pumps & Solutions, LLC, There being no further business before the Members, the meeting was adjourned.

There being no further business before the Members, the meeting was adjourned.

  
Brad Dutruch, Manager

**CERTIFICATE**

The above and foregoing is a true and correct copy of the Resolutions that were unanimously adopted by the Members of Better Pumps & Solutions, LLC, at a special meeting of the Members which was held the 24 day of August, 2015 attended by the Members after they had specifically waived all requirements for notice of the meeting and had consented for any business to be brought up before the meeting; and, since the adoption of this Resolution, it has neither been rescinded, vacated, nor set aside and accordingly remains in full force and effect.

Baton Rouge, Louisiana this 24 day of August, 2015.

  
Brad Dutruch, Manager

Non-Public Works Bid

AFFIDAVIT

STATE OF Louisiana

PARISH/COUNTY OF East Baton Rouge

BEFORE ME, the undersigned authority, personally came and appeared: \_\_\_\_\_  
Joseph Ato1, (Affiant) who after being by me duly sworn, deposed and said that  
he/she is the fully authorized Manager of Art for Profit and Solutions, LLC (Entity),  
the party who submitted a bid in response to Bid Number 50-00147614, to the Parish of  
Jefferson.

Affiant further said:

Campaign Contribution Disclosures

(Choose A or B, if option A is indicated please include the required attachment):


Choice A \_\_\_\_\_ Attached hereto is a list of all campaign contributions, including the date and amount of each contribution, made to current or former elected officials of the Parish of Jefferson by Entity, Affiant, and/or officers, directors and owners, including employees, owning 25% or more of the Entity during the two-year period immediately preceding the date of this affidavit or the current term of the elected official, whichever is greater. Further, Entity, Affiant, and/or Entity Owners have not made any contributions to or in support of current or former members of the Jefferson Parish Council or the Jefferson Parish President through or in the name of another person or legal entity, either directly or indirectly.

Choice B ☒ there are **NO** campaign contributions made which would require disclosure under Choice A of this section.

Debt Disclosures

**(Choose A or B, if option A is indicated please include the required attachment):**

**Choice A** \_\_\_\_\_ Attached hereto is a list of all debts owed by the affiant to any elected or appointed official of the Parish of Jefferson, and any and all debts owed by any elected or appointed official of the Parish to the Affiant.

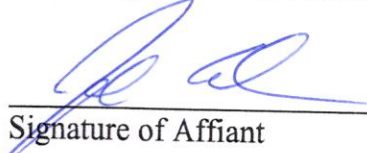
**Choice B**  \_\_\_\_\_ There are **NO** debts which would require disclosure under Choice A of this section.

Affiant further said:

That Affiant has employed no person, corporation, firm, association, or other organization, either directly or indirectly, to secure the public contract under which he received payment, other than persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project or in securing the public contract were in the regular course of their duties for Affiant; and

*[The remainder of this page is intentionally left blank.]*


That no part of the contract price received by Affiant was paid or will be paid to any person, corporation, firm, association, or other organization for soliciting the contract, other than the payment of their normal compensation to persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project were in the regular course of their duties for Affiant.

  
Signature of Affiant

Joseph Affiant  
Printed Name of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME

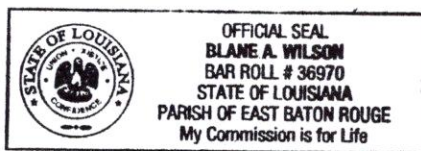
ON THE 14<sup>th</sup> DAY OF May, 2025.

  
Notary Public

Blane A. Wilson  
Printed Name of Notary

36970  
Notary/Bar Roll Number

My commission expires @ Death.



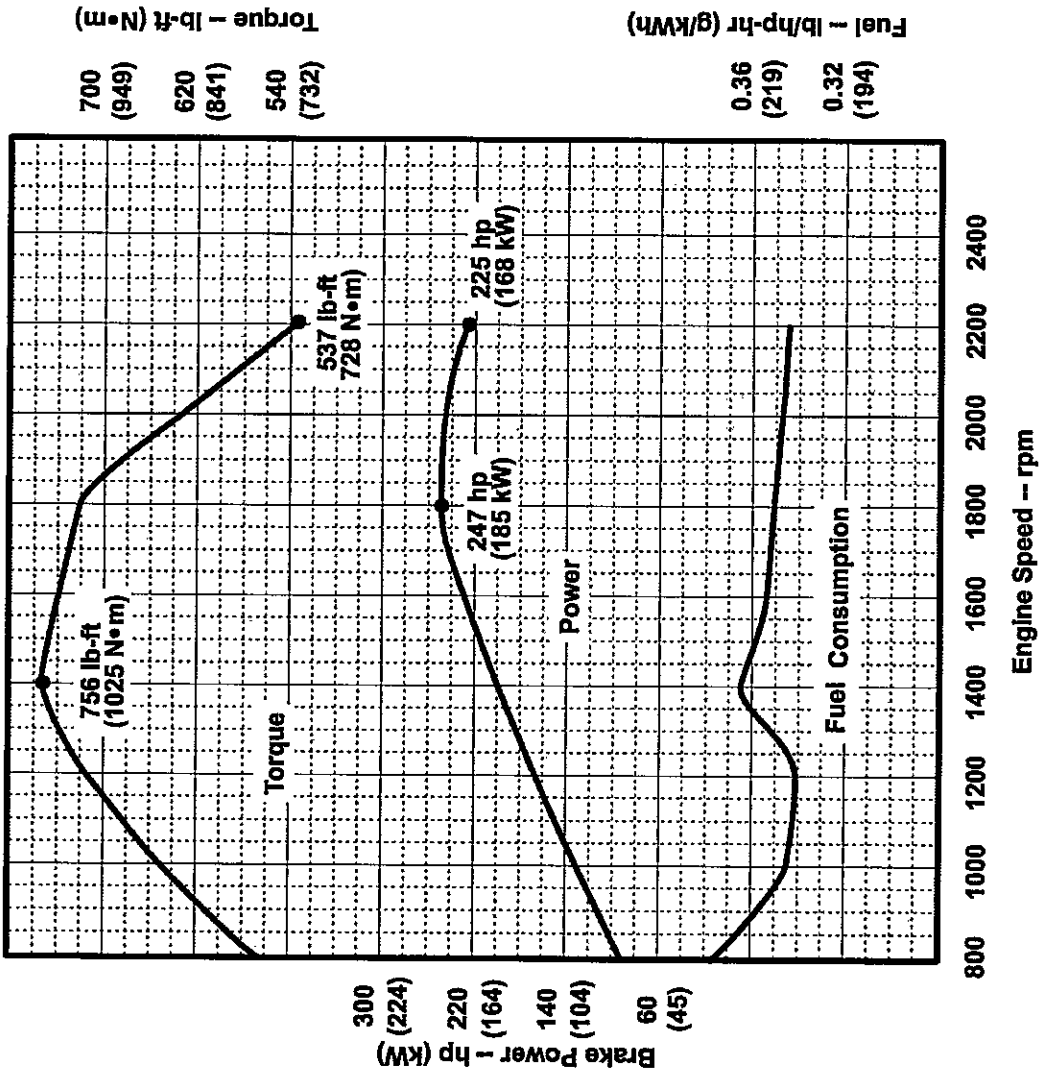


JOHN DEERE

## ENGINE PERFORMANCE CURVE

Rating: Gross Power  
Application: Intermittent  
Power Budge - 10%  
Torque Rise - 41%

PowerTech™ Plus 6.8L Engine  
Model: 6068HF485  
JD Electronic Control  
225 hp @ 2200 rpm  
168 kW @ 2200 rpm



### STANDARD CONDITIONS

Air Intake Restriction.....12 in.H<sub>2</sub>O (3 kPa)  
Exhaust Back Pressure.....30 in.H<sub>2</sub>O (7.5 kPa)

Gross power guaranteed within + or - 5% at SAE  
J1995 and ISO 3046 conditions:  
77 °F (25 °C) air inlet temperature  
29.31 in.Hg (99 kPa) barometer

104 °F (40 °C) fuel inlet temperature  
0.853 fuel specific gravity @ 60 °F (15.5 °C)

Conversion factors:

Power: kW = hp x 0.746  
Fuel: 1 gal = 7.1 lb, 1 L = 0.85kg  
Torque: N·m = lb-ft x 1.356

All values are from currently available data and are subject to change without notice.

Notes: This rating is compatible with Jet Fuel applications within limitations. For additional information, see applicable Application Guidelines.

Designed/Calibrated to meet:

- CARB
- EPA Tier 3
- EU Stage III A

Certified by:

*Brian L. Carlson*  
18 FEB05

Ref: Engine Emission Label

Performance Curve: 6068HF485\_R

## Engine Installation Criteria

### General Data

Model	6068HF485
Number of Cylinders	6
Bore	106 mm 4.2 in.
Stroke	127 mm 5.0 in.
Displacement	6.8 L 415 in. <sup>3</sup>
Compression Ratio	17.0 : 1
Valves per Cylinder, Intake/Exhaust	2/2
Firing Order	1-5-3-6-2-4
Engine Type	In-line, 4-Cycle
Aspiration	Turbocharged and air-to-air aftercooled
Charge Air Cooling System	Air-to-Air
Engine Crankcase Vent System	Open

### Physical Data

Length	1161 mm 45.7 in.
Width	616 mm 24.3 in.
Height	1128 mm 44.4 in.
Weight, with oil & no coolant (Includes engine, flywheel housing, flywheel & electric)	678 kg 1495 lb
Center of Gravity Location, X-axis From Rear Face of Block	395 mm 15.6 in.
Center of Gravity Location, Y-axis Right of Crankshaft	-2.24 mm -0.1 in.
Center of Gravity Location, Z-axis Above Crankshaft	189 mm 7.4 in.
Max. Allowable Static Bending Moment At Rear Face of Flywheel Housing with 5-G Load	814 N·m 600 lb-ft
Thrust Bearing Load Limit Forward, Intermittent	4000 N 899 lb
Thrust Bearing Load Limit Forward, Continuous	2200 N 495 lb
Thrust Bearing Load Limit Rearward, Intermittent	2000 N 450 lb
Thrust Bearing Load Limit Rearward, Continuous	1000 N 225 lb
Max. Continuous Damper Temp	82 °C 180 °F
Max. Torsional Vibration, Front of Crank	0.25 DDA

### Electrical System

Recommended Battery Capacity, 12V @32 °F (0 °C)	800 amps
Recommended Battery Capacity, 24V @32 °F (0 °C)	570 amps
Starter Rolling Current, 12V @32 °F (0 °C)	920 amps
Starter Rolling Current, 24V @32 °F (0 °C)	600 amps
Starter Rolling Current, 12V @-22 °F (-30 °C)	1300 amps
Starter Rolling Current, 24V @-22 °F (-30 °C)	700 amps
Min. Voltage at ECU during Cranking, 12V	6 volts
Min. Voltage at ECU during Cranking, 24V	10 volts
Max. Allowable Start Circuit Resistance, 24V	0.002 Ohm
Max. Allowable Start Circuit Resistance, 12V	0.0012 Ohm
Max. ECU Temperature	105 °C 221 °F
Max. VTG Actuator Surface Temp	180 °C 356 °F
Max. Harness Temperature	120 °C 248 °F

### Charge Air Cooling System

Air-to-Air Heat Rejection	31.9 kW 1816 BTU/min
Intake Manifold Pressure	168 kPa 24.4 psi
Compressor Discharge Temperature @77°F(25°C) Ambient Air	178 °C 352 °F
Compressor Discharge Temperature @117°F(47°C) 80 kPa Barometric pressure	215.4 °C 420 °F
Max. Temperature Out of Charge Air Cooler @All Ambient Conditions	88 °C 190 °F
Intake Manifold Temperature at which Power De-rate Occurs	88 °C 190 °F
Max. Pressure Drop through CAC	16 kPa 64.0 in. H <sub>2</sub> O
Min. Pressure Drop through CAC	8 kPa 32.0 in. H <sub>2</sub> O
Max. Temperature Out of Charge Air Cooler @77°F (25°C) Ambient Air	52 °C 126 °F
Min. Temperature Out of Charge Air Cooler @77°F (25°C) Ambient Air	43 °C 109 °F



## Engine Installation Criteria

### Cooling System

Engine Heat Rejection	88.9 kW	5060 BTU/min
Coolant Flow	321 L/min	85 gal/min
Thermostat Start to Open	82 °C	180 °F
Thermostat Fully Open	95 °C	203 °F
Engine Coolant Capacity	11.9 Liter	12.6 quart
Min. Pressure Cap	100 kPa	15 psi
Max. Water Pump Inlet Pressure	235 kPa	34 psia
Min. Pump Inlet Pressure	30 kPa	4.4 psi
Max. Top Tank Temperature	110 °C	230 °F
Min. Limiting Ambient Temperature	47 °C	117 °F
Min. Coolant Fill Rate	11 L/min	2.9 gal/min

### Exhaust System

Exhaust Flow	29 m <sup>3</sup> /min	1024 ft. <sup>3</sup> /min
Exhaust Temperature	401 °C	754 °F
Max. Allowable Exhaust Restriction	10 kPa	40 in. H <sub>2</sub> O
Min. Allowable Exhaust Restriction	4 kPa	16 in. H <sub>2</sub> O
Max. Bending Moment on Turbo Outlet	7 N·m	5.2 lb-ft
Max. Shear on Turbine Outlet	11 kg	24 lb

### Fuel System

ECU Description	L14 Controller	
Fuel Injection Pump	Denso HP3	
Governor Type	Electronic	
Total Fuel Flow	76.6 kg/hr	169 lb/hr
Fuel Consumption	35.2 kg/hr	77.6 lb/hr
Fuel Temperature Rise, Inlet to Return	47 Δ°C	85 Δ°F
Max. Fuel Inlet Restriction	20 kPa	80 in. H <sub>2</sub> O
Max. Fuel Inlet Pressure	NA	
Max. Fuel Return Pressure	20 kPa	80 in. H <sub>2</sub> O
Max. Fuel Inlet Temperature	80 °C	176 °F

### Lubrication System

Oil Pressure at Rated Speed	392 kPa	57 psi
Oil Pressure at Low Idle	105 kPa	15 psi
Max. Oil Carryover in Blow-By	1.0 g/hr	0.002 lb/hr
Max. Airflow in Blow-By	85 L/min	22.5 gal/min
Max. Crankcase Pressure	0.5 kPa	2 in. H <sub>2</sub> O

### Air Intake System

Engine Air Flow	13.55 m <sup>3</sup> /min	479 ft. <sup>3</sup> /min
Maximum Allowable Temperature Rise, Ambient Air to Engine Inlet	8 Δ°C	15 Δ°F
Max. Air Intake Restriction, Clean Air Cleaner	3.75 kPa	15.0 in. H <sub>2</sub> O
Max. Air Intake Restriction, Dirty Air Cleaner	6.25 kPa	25.0 in. H <sub>2</sub> O
Air Cleaner Efficiency	99.9 %	

### Performance Data

Rated Power	168 kW	225 HP
Rated Speed		2200 rpm
Max. Fast Idle Speed		2400 rpm
Breakaway Speed		2270 rpm
Power Bulge Speed		1800 rpm
Peak Torque Speed		1400 rpm
Low Idle Speed		1346 rpm
Rated Torque	729 N·m	538 lb-ft
Peak Torque	1025 N·m	756 lb-ft
Torque Rise		41 %
BMEP, Rated	1346 kPa	195 psi
BMEP, Peak Torque	12902.7 kPa	1871 psi
Altitude Capability	3048 m	10000 ft
Friction Power @Rated Speed	27 kW	36 HP
Air/Fuel Ratio	26.2:1	
Smoke @Rated Speed	Bosch No.	
Noise @1 m	NA	
Power Bulge	10 %	

Performance Curve: 6068HF485\_R

# Engine Installation Criteria

Engine Speed rpm	Power		Torque			BSFC	
	kW	hp	N·M	lb·ft	g/kWh	lb/hp-hr	
2200	168	225	728	537	210	0.344	
2000	181	243	863	637	212	0.348	
1800	185	248	979	722	215	0.353	
1600	167	224	999	737	216	0.354	
1400	150	201	1025	756	222	0.364	
1200	122	164	970	715	208	0.341	
1000	93	125	890	656	211	0.346	
800	65	87	770	568	230	0.377	