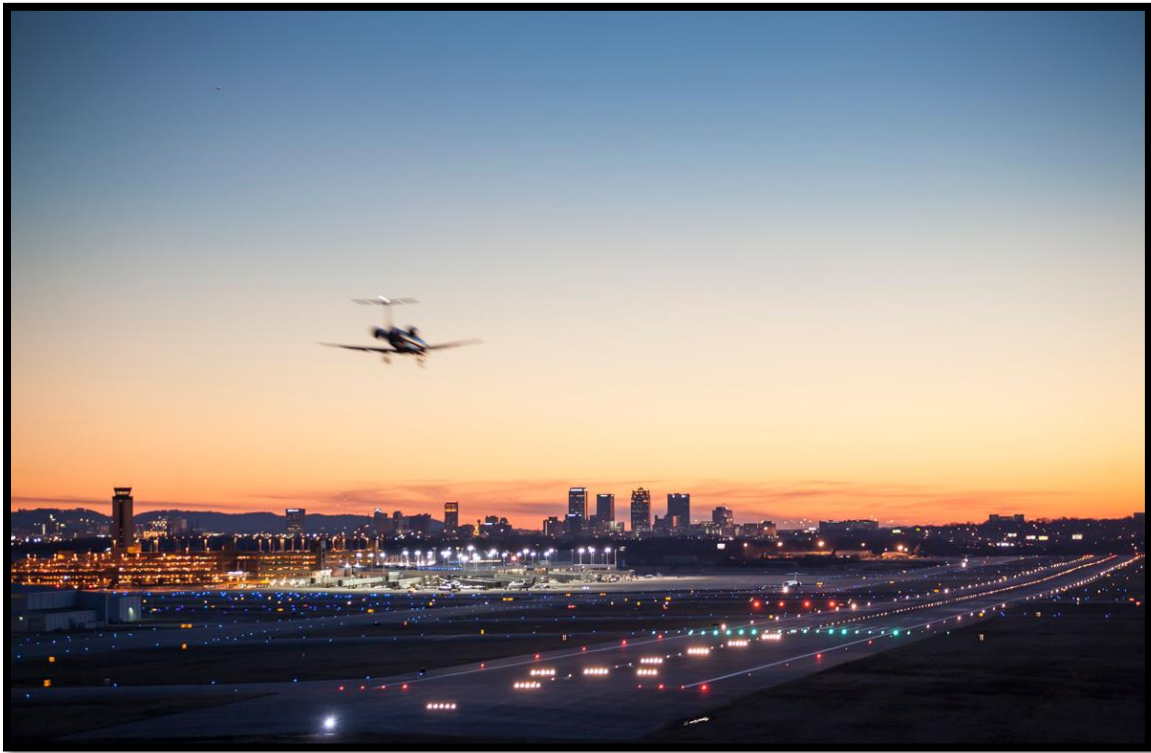


Request for Quote Compact Excavator



**Birmingham Airport Authority
May 17, 2024**

I. The Opportunity

Purpose

The Birmingham Airport Authority (the “Authority”) is requesting quotes for a Compact Excavator to be used at the Birmingham-Shuttlesworth International Airport located at 5900 Messer Airport Highway, Birmingham, AL (the “Airport”).

The purpose of this document (the “Request for Quotes” or “RFQ”) is to provide interested vendors with the overview of the opportunity, as well as instructions on how to respond. A prospective (“Proponent”) shall submit its quote (“Quote” or Quote Package”) in conformity with the procedures and requirements set in this Request for Quotes.

II. Procedures and Requirements

Pre-Submittal Inquires

Inquiries relative to this RFQ are only to be submitted in writing via e-mail to eseoane@flybhm.com, no later than the date for “Written Inquiries Accepted Through” set forth in Exhibit 1 Request for quote schedule of the RFQ, which date is ten (10) business days prior to the close of this RFQ (the “**Quote Due Date**”). Failure to follow this procedure may result in the Proponent being disqualified from participating in this RFQ process.

The Authority representative(s) will attempt to answer all written questions received in advance of the Written Inquiries Accepted Through date.

The Authority will provide a summary of all questions and answers communicated in writing and any changes to the requirements of the Request for Quotes in an addendum to the RFQ. Any such addendum will be incorporated as part of the RFQ and will be posted online on the Airport website located at www.flybhm.com.

Equipment Specifications

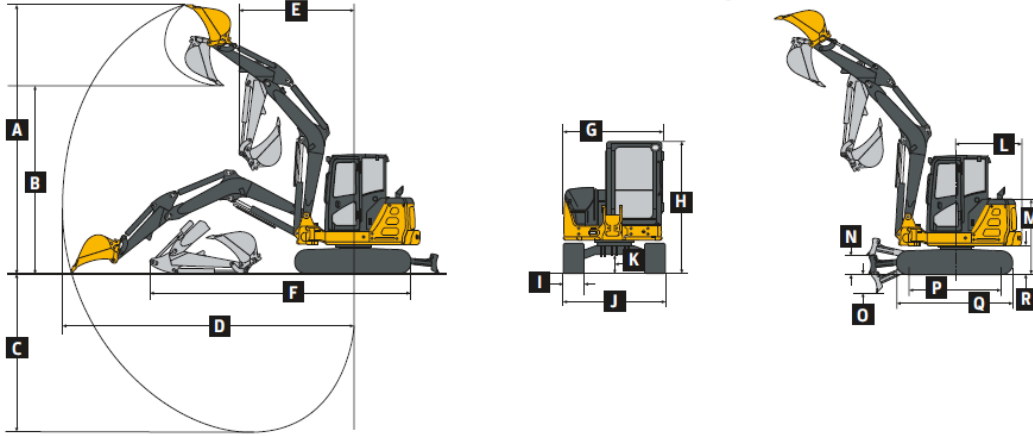
Compact Excavator with similar specifications as per below: The manufacturer can be different from what is listed below.

Engine		60 P-TIER	
Manufacturer and Model	Yanmar 4TNV98C-WHB	Displacement	3.32 L (203 cu. in.)
Non-Road Emission Standard	EPA Final Tier 4/EU Stage IV	Net Rated Power (ISO 9249)	39.6 kW (53 hp) at 2,000 rpm
Powertrain			
2-speed propel with automatic shift; each track independently driven by hydrostatic axial-piston motor connected to 2-stage planetary gear-reduction box			
Maximum Travel Speed	Slow: 2.9 km/h (1.8 mph) / Fast: 4.8 km/h (3.0 mph)		
Hydraulics			
Open-center, pilot-operated		Controls	2 hydraulic pilot-operated controls for boom, arm, bucket, swing, boom swing, travel, and auxiliary functions
Main Pumps	1 variable-displacement pump		
Maximum Rated Flow	14.4 L/m (38.0 gpm)		
Auxiliary Maximum Rated Flow	91.5 L/m (24.2 gpm)		
Electrical			
Alternator Rating	55 amp		
Work Lights	2 halogen: 1 mounted on operator's station and 1 mounted on boom		
Undercarriage			
Track Shoe Width, Standard Configuration	400 mm (16 in.)		
Ground Pressure	1500-mm (4 ft. 11 in.) Standard Arm		1850-mm (6 ft. 1 in.) Long Arm (add counterweight)
	With Canopy	With Cab	With Canopy
With 400-mm (16 in.) Rubber Track	34 kPa (4.9 psi)	35 kPa (5.1 psi)	36 kPa (5.2 psi)
Upperstructure			
Swing Speed, Right/Left	9.5 rpm		
Maximum Boom Swing Angle			
Left	80 deg.		
Right	60 deg.		
Swing Brake	Spring applied, hydraulically released, automatic, disc type		
Serviceability			
Refill Capacities		Refill Capacities (continued)	
Fuel Tank	120 L (31.7 gal.)	Engine Oil With Filter	11.2 L (3 gal.)
Engine Coolant	7.7 L (2 gal.)	Hydraulic Tank	80 L (21.1 gal.)
Operating Weights			
	1500-mm (4 ft. 11 in.) Standard Arm and 400-mm (12 in.) Track		1850-mm (6 ft. 1 in.) Long Arm and 400-mm (12 in.) Track
	With Canopy	With Canopy	With Canopy
	Rubber	Steel	Rubber
With 745-kg (1,642 lb.) Counterweight; 762-mm (30 in.), 204-kg (450 lb.) Bucket; Full Fuel Tank; and 75-kg (165 lb.) Operator	6010 kg (13,250 lb.)	6110 kg (13,470 lb.)	6180 kg (13,620 lb.)
Angle Blade	458 kg (1,010 lb.)	458 kg (1,010 lb.)	458 kg (1,010 lb.)
Counterweight			
Standard (including hardware)	745 kg (1,642 lb.)	745 kg (1,642 lb.)	745 kg (1,642 lb.)
Additional	270 kg (595 lb.)	270 kg (595 lb.)	270 kg (595 lb.)

Operating Dimensions

	1500-mm (4 ft. 11 in.) Standard Arm	1850-mm (6 ft. 1 in.) Long Arm		1500-mm (4 ft. 11 in.) Standard Arm	1850-mm (6 ft. 1 in.) Long Arm	
A Maximum Cutting Height	5.96 m (19 ft. 7 in.)	6.19 m (20 ft. 4 in.)	F Transport Length	5.76 m (18 ft. 11 in.)	5.79 m (19 ft. 0 in.)	
B Maximum Dumping Height	4.17 m (13 ft. 8 in.)	4.41 m (14 ft. 6 in.)		Digging Force (ISO), HCM Bucket		
C Maximum Digging Depth	3.77 m (12 ft. 4 in.)	4.12 m (13 ft. 6 in.)		(788.1-mm [31 in.] tip radius)		
D Maximum Digging Reach	6.23 m (20 ft. 5 in.)	6.56 m (21 ft. 6 in.)		Arm	31.1 kN (6,990 lb.)	27.0 kN (6,060 lb.)
E Minimum Boom Swing Radius	2.45 m (8 ft. 0 in.)	2.54 m (8 ft. 4 in.)*		Bucket	41.1 kN (9,240 lb.)	41.1 kN (9,240 lb.)

*With additional counterweight.



Machine Dimensions

(see line art at bottom right of page 6)

60 P-TIER

G Upperstructure Width	1.93 m (6 ft. 4 in.)	N Maximum Blade Lift Above Ground	450 mm (18 in.)
H Overall Height (canopy or cab)	2.54 m (8 ft. 4 in.)	O Maximum Blade Drop Below Ground	390 mm (15 in.)
I Track Width	400 mm (16 in.)	Blade	
J Undercarriage Width	2.00 m (6 ft. 7 in.)	Width	2.00 m (6 ft. 7 in.)
K Ground Clearance	325 mm (13 in.)	Height	420 mm (17 in.)
L Tail Swing Radius		P Sprocket Center to Idler Center	1.99 m (6 ft. 6 in.)
With Standard Counterweight	1.30 m (4 ft. 3 in.)	Q Undercarriage Length	2.50 m (8 ft. 2 in.)
With Additional Counterweight	1.41 m (4 ft. 8 in.)	R Counterweight Clearance	620 mm (24 in.)
M Engine Cover Height	1.60 m (5 ft. 3 in.)		

Lift Capacities

Boldface type indicates hydraulically limited capacity; lightface type indicates stability-limited capacities, in kg (lb.). All lift capacities are based on ISO 10567 (with power boost). Lifting measurement from center of arm to bucket pin; with 400-mm (16 in.) track shoe and blade on ground; and situated on firm, level, uniform supporting surface. Total load includes weight of cables, hook, etc. Figures do not exceed 87 percent of hydraulic capacities or 75 percent of weight needed to tip machine.

	Rubber Track and Standard Counterweight		Steel Track and Standard Counterweight		Rubber Track and Extra Counterweight		Steel Track and Extra Counterweight	
	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side
Ground Level at 3.0-m (9 ft. 10 in.) Radius								
1500-mm (4 ft. 11 in.) Standard Arm and Cab	3880 kg (8,550 lb.)	1500 kg (3,310 lb.)	3880 kg (8,550 lb.)	1520 kg (3,350 lb.)	3880 kg (8,550 lb.)	1690 kg (3,730 lb.)	3880 kg (8,550 lb.)	1720 kg (3,790 lb.)
1850-mm (6 ft. 1 in.) Long Arm and Cab	3810 kg (8,400 lb.)	1480 kg (3,260 lb.)	3810 kg (8,400 lb.)	1500 kg (3,310 lb.)	3810 kg (8,400 lb.)	1680 kg (3,700 lb.)	3810 kg (8,400 lb.)	1700 kg (3,750 lb.)
1500-mm (4 ft. 11 in.) Standard Arm and Canopy	3880 kg (8,550 lb.)	1420 kg (3,130 lb.)	3880 kg (8,550 lb.)	1420 kg (3,130 lb.)	3880 kg (8,550 lb.)	1620 kg (3,570 lb.)	3880 kg (8,550 lb.)	1620 kg (3,570 lb.)
1850-mm (6 ft. 1 in.) Long Arm and Canopy	3820 kg (8,420 lb.)	1400 kg (3,090 lb.)	3820 kg (8,420 lb.)	1400 kg (3,090 lb.)	3820 kg (8,420 lb.)	1600 kg (3,530 lb.)	3820 kg (8,420 lb.)	1610 kg (3,550 lb.)

Additional equipment

Key: ● Standard ▲ Optional or special
See your John Deere dealer for further information.

60 P Engine <ul style="list-style-type: none"> ● Meets EPA Final Tier 4/EU Stage IV emissions ● Auto shutdown ● Engine coolant to -37 deg. C (-34 deg. F) ● Engine preheater ● Fan guard ● Fuel/water separator ● Full-flow oil filter ● Isolation mounted ● Key start switch with electric fuel shutoff ● Single dry-type air filter 	60 P Undercarriage (continued) <ul style="list-style-type: none"> ▲ Steel track, 400 mm (16 in.) with triple semi-grousers ▲ Rubber crawler pad, 400 mm (16 in.) Upperstructure <ul style="list-style-type: none"> ● 360-deg. rotation ● Counterweight, 745 kg (1,642 lb.) ● Hinged service-access doors ● Toolbox ▲ ROPS/TOPS/FOPS (canopy) ● ROPS/TOPS/FOPS (cab) with air conditioning and heater ● Vandal protection for service doors, fuel cap, and toolbox ● Reduced-tail-swing configuration 	60 P Operator's Station (continued) <ul style="list-style-type: none"> ● Instrumentation lights ● Mode selectors (illuminated): Power mode (I) / Economy mode (II) ● Monitor system: Preheat indicator / Engine oil pressure indicator with alarm / Alternator voltage indicator / Fuel gauge and low-fuel-level indicator / Engine coolant temperature gauge and engine coolant temperature indicator with alarm / Hour meter / Work lights indicator ● Motion alarm with cancel switch ● Work lights switch ● Propel levers and foldable pedals ● 2 travel speeds with automatic shifting ● Seat belt, 51 mm (2 in.), retractable ▲ Seat belt, 76 mm (3 in.), retractable ▲ Vinyl seat with fore/aft adjustment ● Suspension seat (cloth) ▲ Front screen ▲ Rear secondary exit kit
Hydraulic System <ul style="list-style-type: none"> ● Auto-idle ● Auxiliary function right-hand pilot-lever control ● Auxiliary hydraulic lines with quick-couplers to end of boom ● Auxiliary return-flow selector valve ● Axial-piston swing motor ● Boom-swing foot control ● Excavator-to-backhoe control pattern change valve ● Closed center load sensing with 1 variable-displacement pump ● Hydraulic pilot-operated controls for boom, arm, bucket, swing, boom swing, blade, travel, and auxiliary functions ● Wet-disc swing brake 	Front Attachments <ul style="list-style-type: none"> ● Arm, 1500 mm (4 ft. 11 in.) ▲ Long arm, 1850 mm (6 ft. 1 in.), includes additional 270-kg (595 lb.) counterweight ● Articulation hose shield ● Backfill blade, 2.00 m (6 ft. 7 in.) ▲ Hydraulic angle backfill blade ● Boom, 2.965 m (9 ft. 9 in.) ● Mechanical quick-coupler ▲ Augers: Planetary / Chain drive / Bits / Bit adapters ▲ Clamp ▲ Hammers: Points / Tools ▲ Quick-coupler buckets: Bucket teeth / Ditching / Heavy-duty 	Electrical <ul style="list-style-type: none"> ● 12-volt accessory outlet ● Alternator, 55 amp ● Low-maintenance battery ● Blade-type multi-fused circuits ● Positive-terminal battery covers ▲ JDLink™ connectivity hardware and John Deere Operations Center™ account
Undercarriage <ul style="list-style-type: none"> ● Planetary final drive ● Propel motor shield ● 2-speed axial-piston propel motors ● Rubber track, 400 mm (16 in.) 	Operator's Station <ul style="list-style-type: none"> ● Horn ● Hour meter 	Lights <ul style="list-style-type: none"> ● Work lights: Halogen / 1 mounted on operator's station / 1 mounted on boom

Submittal Requirements

Each Proponent shall submit Quotation Package via email to eseoane@flybm.com.

Selection Process/Criteria

Each Quote will be evaluated based on the following criteria:

1. Cost
2. Specification per this RFQ
3. Proposed alternative if any
4. Warranty
5. Delivery time of unit

General Terms and Conditions

1. The Authority reserves the right to:

- a. Add, delete and/or negotiate with a Proponent, an agreement containing different and/or additional items or terms without reference to other Proponents or Quotes.
- b. Disqualify a Proponent in the event that, in the sole discretion of the Authority, its Quote does not contain sufficient information to permit a thorough analysis.
- c. Verify the validity of the information supplied by a Proponent and reject any Quote where the contents appear to be incorrect or inaccurate in the Authority's sole determination.
- d. Accept Quotes in whole or in part.
- e. In its sole discretion, cancel this RFQ without award or compensation to any Proponent, its officers, directors, employees or agents.
- f. Reject any and all Quotes.
- g. Accept the Quote(s) which, the Authority, in its sole discretion, deems the most advantageous to the Authority; and
- h. Request any other information it requires to evaluate the submissions, and, in the event of a Proponent's failure to provide such information, reject such Proponent's Quote.

2. All financial information must be presented in U.S. dollars.

3. The cost of preparing the Quote or providing additional information is the sole responsibility of the Proponent. The Authority will not be responsible for or pay or reimburse any fees or expenses to any Proponents or their agents.

4. The Proponent assumes all responsibility for complying with all applicable laws and regulations. Further, the Proponent is responsible for obtaining all permits required by law or local authorities to allow it to provide the EUVs to the Authority.

5. All Quotes become the property of the Authority and will not be returned to Proponents unless a written request to withdraw, signed by an authorized signatory of the Proponent, is received prior to the Quote Due Date.

Request for Quotes Schedule

The schedule for the preparation and evaluation of Quotes is provided in the following Exhibit I:

Exhibit I. Request for Quotes Schedule

Request for Quotes Documents Available	May 17, 2024
Written Inquiries Accepted Through	May 24, 2024, 2 pm CST
Quote Due Date	June 5, 2024 – 2:00 PM CST
Target Award Date	June 2024

Quotes are due no later than **June 5, 2024, 2:00 p.m. Central Time**, by which time all Quotes shall be recorded. Quotes will not be accepted after this date and time for any reason.

Quotes submitted by facsimile will not be accepted.

Quotes are to be sent via email to Ed A Seoane, VP of Purchasing.

Email address: eseoane@flybhm.com.

The Authority reserves the right to extend the Quote Due Date and the RFQ Schedule. All changes or clarifications to the schedule will be distributed to all registered Proponents in the form of addenda.

III. REQUIRED QUOTE DOCUMENTS

Each Quote must include the following information to be considered technically compliant. To facilitate the evaluation process, Proponents must present information in the following order:

A. Executive Summary

The Proponent shall submit a summary to include a brief statement of the company and its ability to supply the items listed. Detail of items quoted. Full description, package size and pricing. Note if the item is hazardous and able to provide Material Safety Data Sheets with supply.

B. Exceptions to the Quote

In the event any proposed Law or Proponent's performance under this this RFQ does not meet the requirements of this RFQ, Proponent may include a list of such exceptions to the requirements of the Request for Quotes in its Quote. All such exceptions shall be clearly stated on a separate page labeled "RFQ Exceptions." In the event Proponent objects to any requirement of this RFQ, Proponent is required to identify the RFQ provision to which it objects, identify the nature of the objection, and provide an explanation of the objection as well as any proposed substitutions or alternatives that Proponent requests that the Authority consider.

C. Alternate or Additional Items

Alternate substitute may be acceptable if is of equal value.

D. Cost

The Quote must include the line-item total cost for each alternate or additional items proposed pursuant to paragraph D of this Section III. Price must be valid minimum of three (3) months from the Quote Due Date of this RFQ. Additionally, the price quoted shall be valid at the time of order and honored at the time of delivery, regardless of the length of time to deliver.

END OF REQUEST FOR QUOTES

