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MINISTRY OF WATER AND ENERGY
የኢትዮጵያ ፌዴራላዊ ዴሞክራሲያዊ ሪፐብሊክ | Federal Democratic Republic of Ethiopia

26 JAN 2026

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Date

ቁጥር: MOWE09/960/18

Ref. No

To all Bidders,

Reference: Procurement of: Hybrid vehicles, reference No. ET –MOWE-000009-GO-RFB

Subject: Amendment to Bid Specifications for Hybrid Vehicles

Dear Bidders,

We would like to inform you of an amendment to the bid specifications for the procurement of hybrid vehicles under the BaSRINET Project. This amendment is aimed at ensuring the procurement process meets our project requirements more effectively. Additionally, please note that the date for bid submission has been revised from February, 02, 2026 to February 06, 2026. All other conditions remain unchanged as per the originally issued bid document.

We acknowledge and appreciate your continued interest in participating in this bid.

Thank you for your attention to this matter, and we look forward to receiving your revised specifications.



Best regards,

Mehandis Melaku Atalay
Procurement Executive Officer

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OUR WATER RESOURCES FOR PROSPERITY

አዲስ አበባ-ኢትዮጵያ
Addis Ababa - Ethiopia

No.	DESCRIPTION	SPECIFICATION	Remark
1	Brand	Shall be Specified	
2	Model	Shall be Specified	
		The intent of this specification is to describe an electric hybrid SUV which shall be used for transportation of passengers on roads in Ethiopia. It shall be constructed. Assembled and equipped with as per current manufacturing practices.	
3	GENERAL REQUIREMENTS	The vehicle shall be required to operate under the following environmental	
3.1	Service Requirements	Conditions: 0 - 55°C Temperature: Humid tropics – arid desert Altitude Climate: Sea level - 2500 m	
3.2	Warranty	Vehicle-3 years or 100,000 Km, Battery- 8 years or 150,000Km, whichever comes first with all conditions stipulated under the bid instruction?	
3.3	Pre Delivery Service	The manufacturer or his delegated dealer shall give washing, lubrication and inspection service before the vehicle is put in operation.	
3.4	Spare part list	Manufactures recommended spare parts list shall be submitted with the offer.	
4	TECHNICAL SPECIFICATIONS /Requirements		
4.1	Vehicle Type	Hybrid plug-in Electric Vehicle (PHEV)	
4.2	Engine Type	1.5 –liter Turbo petrol + electric motors or 2.5 –liter four-cylinder petrol engine + Electric Motors : Dual Motors (front + rear)	
4.3	Gross vehicle weight	1800-2735 Kg	
4.4	Seating capacity	5 persons including driver	
4.5	Drive type	4WD	
4.6	Curb weight	Shall be indicated	
5	ELECTRICAL SYSTEM		
5.1	Charging ports	self-charging hybrid	



5.2	Battery type	Lithium-ion polymer or equivalent	
5.3	Battery Capacity	≥25-35 Kwh	
5.4	Charging method	Plug-in AC + DC charging + regenerative braking	
5.5	Charging speed (slow & fast)	self-charging hybrid	
5.6	Charging power (slow & Fast)	self-charging hybrid	
5.7	Charging	Charging : AC charging (≥ 6.6 kw) + DC fast charging	
5.8	Distance EV mode electric range (Km)	≥100/ Shall be indicated	
5.9	Port location	AC Type -2 + DC fast charging or equivalent charging port	
5.10	Distance coverage hybrid Mode (km)	≥800/Shall be indicated	
5.11	Horns	Electrical	
5.12	Lighting system	Manufacturer's current standard	
5.13	Wind shield wipers	Electrically operated, 3 speeds, (High, low and intermittent) with Electrical washers.	
6	TRANSMISSION	Single speed or CVT	
7	Brake System	Front and rear disc brake hydraulically operated by dual cross system	
7.1	ABS +EBD	Shall be fitted	
7.2	Brake type (Front)	Ventilated disc	
7.3	Brake type (Rear)	Ventilated disc/ disc	
8	WHEELS & TIRES	All wheels and rims shall be interchangeable.	
8.1	Tire Type	Tube/Tubeless	
8.2	Wheel Size	Manufacturer's standard	
8.3	Spare tire with carrier	A Complete spare tire with carrier shall be provided (Spare tire locks shall be fitted)	
9	SUSPENSIONS and Axles		
9.1	Front suspension	Manufacturer's current product (Macpherson strut is preferred)	
9.2	Rear suspension	Manufacturer's current product (Multi-link/leaf spring/double wishbone are preferred)	
9.3	Shock absorbers	The rate of damping and other essential parameters shall be provided	
10	BODY		
10.1	Construction	All steel welded Rain, road splashes, dust and sound proof.	
10.2	No. of doors	4 passengers +1 trunk lid	



10.3	Locking system	A central door locking system shall be provided where the system is activated by the driver's door lock and operate the locks on all other doors.	
10.4	Seats material	Manufacturer's standard upholstery	
10.5	Front seats	Adjustable	
10.6	Safety belts	Shall be provided for driver & passengers	
10.7	Air bag	For front passengers	
10.8	Glass	Safety type	
	Rear view mirrors	Electrically folding, heated and adjustable	
10.9	Sun visors with illuminated vanity mirrors	Shall be fitted	
10.1	Hand hold grips	Shall be fitted	
10.11	Front cabin and luggage area lighting	LED light shall be fitted	
10.12	Windows (F & R)	Power assisted	
10.13	Air conditioner	Shall be fitted	
10.14	Head rest (F & R):	Shall be fitted	
10.15	Wind screen defroster	Shall be fitted	
10.16	Rear defogger	Shall be fitted	
10.17	Instrument panel	Manufacturer's current standard (Detail list shall be provided) All gauges and controls shall be labeled in English	
11	AUDIO & COMMUNICATION		
11.1	Radio	DAB radio or equivalent technology	
11.2	Display	Smart phone link display	
11.3	Audio system	≥4 speakers	
11.4	Charge port	≥3 USB charge port & 12V socket	
11.5	Bumpers (F & R)	Heavy duty construction	
11.6	Towing device (F)	Shall be fitted	
11.7	Mud flaps (F & R)	Shall be provided and rear view by camera	
11.8	Parking distance warning system	Assists by sound system	
12	DIMENSIONS		
12.1	Overall length	4400-4850 mm	
12.2	Overall width	1800 - 2000mm	
12.3	Overall height	1500 - 1900 mm	
12.4	Wheel base	2600 -2900mm	
12.5	Ground clearance	≥160 mm	
12.8	Approach angle	Shall be indicated	
12.9	Departure angle	Shall be indicated	
12.10	Wheel tread front/Rear	Shall be indicated	
13	PERFORMANCE REQUIREMENTS		
13.1	Turning radius curb to curb(m)	≤ 5.2 m	
13.2	Grade ability (Degree)	Shall be indicated	



13.3	Certified braking distance at average speed in m	Shall be indicated	
13.4	Maximum speed	≥ 100 Km/hr	
14	ENGINE		
14.1	Type	Shall be indicated	
14.2	Valve	Shall be indicated	
14.3	Displacement	Shall be specified	
14.4	Bore & stroke (mm)	Shall be specified	
14.5	Compression ratio	Shall be specified	
14.6	Lubricating system	Manufacturer's current production shall be accepted.	
14.7	Cooling system	Manufacturer's current production shall be accepted.	
14.8	Max power (PS/kw)	≥ 100 kW	
14.9	Torque (Nm/lbsft)	≥ 200 Nm	
15	Hybrid System		
15.1	Max hybrid system power output	Shall be indicated	
15.2	Max hybrid system torque output (Nm/lbsft)	Shall be indicated	
16	Steering		
16.1	Type and location	Left hand, rack and pinion, electric power steering	
17	Weight and capacity		
17.1	Curb weight (kg)	Shall be indicated	
17.4	Fuel tank capacity (liter)	≥ 35	
18	TOOLS	All essential standard manufacturers' tools shall be provided with each vehicle.	
19	OTHERS		
19.1	Grease gun	1 each	
19.2	Jack with wheel wrench	1 each	
19.3	Portable Fire extinguisher	1 each	
19.4	First aid kit	1 each	
20	Pintle hooks (F & R)	Provided	
21	COLOR	As per the buyer's choice	
22	MANUALS		
22.1	Owner's manual	1 each/unit hard copy or CD (optional, price list on financial proposal)	
22.2	Parts catalogue	1 each/ lot hard copy or CD (optional, price list on financial proposal)	
22.3	Repair manual	1 each/lot hard copy or CD (optional, price list on financial proposal)	
23	FIELD KIT OF SPARE PARTS	The following list for each unit with price list shall be provided with the offer. The quantity and items should be strictly followed	



3.1	2	Oil filters	2 each (for 2 services)	
3.2	2	Fuel filters	2 each (for 2 services)	
3.3	2	Air cleaner element (engine)	2 each (for 2 services)	
23.4		Transmission filters (if equipped)	1 each (for 1 services)	
23.5		Coolant filters of cooling system	1 each (for 1 service)	
23.6		Brake pads	1 set each (for 1 service)	
23.7		Drive and timing belts	2 each (for 2 services)	
23.8		Battery cooling fans and coolant pump (if equipped))	As per the supplier's recommendation	
23.9		High voltage battery components (battery connectors and insulation)	As per the supplier's recommendation	
23.1		Wiper blades	2 set each (for 2 services)	
23.11		Lighting components of head lights, tail lights and turn signals that may need replacement	As per the supplier's recommendation	
23.12		Fuses and Relays	1 set each	
23.13		Suspension components (like bushings or other wear out parts)	1 set each	
24		GARAGE STANDARD	Shall fulfill Ethiopian Garage Standard for Small/Medium duty vehicles	

