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26 Chaitra 1432

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RE-EVALUATION OF ASSAULT TRACK WAY CLASS-60 (WITH VEHICLE)

Reference:

A. Army Headquarters, Engineer in Chief's Branch, Engineer Directorate letter number 23.01.901.055.02.192.01.05.04.26 dated 05 April 2026 (Not to all).

1. It is to inform you that Bangladesh Army is planning to procure **Assault Track Way Class-60 (With Vehicle)**. Bangladesh Army needs to standardize more models for the equipment. Therefore, interested firms are requested to provide necessary offers, brochures, catalogues, technical/training/operational/maintenance manuals and other necessary documents etcetera (each in duplicate) for the standardization of the said equipment. The detailed information/documents have to be sent directly to **Army Headquarters, Engineer in Chief's Branch, Engineer Directorate, E-mail: engrdte@army.mil.bd by 15 April 2026** with an intimation (**01 x Complete Technical Offer**) to this Directorate General please. Please note that, the offered models should be compatible with preliminary specification attached as Annex A to this letter. Short fall of any information will disqualify the offer. Also, kindly be requested to provide enlistment certificate of DGDP along with the technical offer.

2. Your co-operation will be highly appreciated.


MD ZAHIDUL KABIR
Major
For Director General

Enclosure:

1. Preliminary Technical Specification of Assault Track Way Class-60 (With Vehicle)-07 (Seven) pages Only.

Distribution:

External:

Action:

(All Concerned Firm/Supplier)

Information:

Army Headquarters, General Staff Branch, Weapon, Equipment and Statistics Directorate

Army Headquarters, Engineer in Chief's Branch (Coordination)

Army Headquarters, Engineer in Chief's Branch, Engineer Directorate

Army Headquarters, Master General of Ordnance Branch, Ordnance Directorate

Internal:

Action:

✓ IT Section - (For flashing on DGDP web site).

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ANX A TO
 AHQ, E IN C'S BR (ENGR DTE)
 LTR NO. 23.01.901.055.02.192.01.05.04.26
 DT: 05 APR 2026

PRELIM TECH SPEC OF ASSAULT TRACK WAY CLASS-60, (WITH VEH)

Ser	Descriptions	Required Technical Specification	Remarks
<u>Part-1: General Specification</u>			
1.	Name of the Equipment	Assault Track Way Class-60, (with Vehicle)	
2.	Name and Complete Address of Local Agent (Address, Telephone, Fax, E-mail and website)	To be mentioned	
3.	Name and Complete Address of Manufacturer (Address, Telephone, Fax, E-mail and website)	To be mentioned	
4.	<i>Name and Complete Address of Principal (Address, Telephone, Fax, E-mail and website)</i>	<i>To be mentioned</i>	
5.	Make and Model	To be mentioned	
6.	Country of Origin	Group A & B Countries	
7.	Country of Assembly		
8.	Country of Manufacturer		
9.	Year of Production	Not before the year of contract	
10.	General Description/Purpose	Assault Track Way is used for paving and retrieving a temporary passage automatically in a fast speed on soft ground conditions to let wheeled and tracked equipment pass through. The road way is made of Aluminum Alloy or steel	
<u>Part-2: Technical Specification</u>			
11.	<u>Truck Specification</u>		
a.	Make and Model	To be mentioned	
b.	Country of Origin	Group A & B Countries	
c.	Country of Assembly		
d.	Country of Manufacturer		
e.	<u>Overall Dimension (LxWxH)</u>		
(1)	Length (mm)	To be mentioned	
(2)	Width (mm)	To be mentioned	
(3)	Height (mm)	To be mentioned	
(4)	Cabin Height (mm)	To be mentioned	
f.	Drive	RHD (Right Hand Drive)	
g.	Configuration	To be mentioned	
h.	Wheel Base (mm)	To be mentioned	
j.	Ground Clearance (mm)	Minimum 300 mm	

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Ser	Descriptions	Required Technical Specification	Remarks
	k. Gradeability (deg)	Minimum 20 ^o	
	l. Angle of Approach (deg)	Minimum 25 ^o	
	m. Angle of Departure (deg)	Minimum 25 ^o	
	n. Turning Radius (m)	Maximum 12m	
	p. Fording Depth (mm)	Minimum 350 mm	
12.	<u>Engine</u>		
	a. Type	To be mentioned	
	b. Make & Model	To be mentioned	
	c. Country of Origin	Group A & B Countries	
	d. Country of Manufacturer		
	e. Country of Assembly		
	f. Year of Production	Not before the year of contract	
	g. Horse Power at Rated rpm	Minimum 300 HP at rated rpm	
	h. Torque with rpm	To be mentioned at rated rpm to be mentioned	
	j. Number of Cylinder	To be mentioned	
	k. Bore & Stroke (mm)	To be mentioned	
	l. Piston displacement (cc)		
	m. Type of Injection		
	n. Compression Ratio		
	p. Fuel Consumption		
	q. Cooling system		Liquid cooled
	r. Engine Test Bench Report	During Pre-shipment Inspection, Engine Test Bench Report (for each model) which was prepared by manufacturer during production of engine at manufacturing factory must be produced and submitted to the PSI team for each engine. Engine Test Bench Report must be signed and stamped by manufacturer.	
	s. Compatibility	Engine to be compatible to run with the diesel available in Bangladesh	
13.	<u>Fuel System</u>		
	a. Type of Fuel	Diesel	
	b. Fuel Tank Capacity (liter)	To be mentioned as per maximum cruising range	
14.	<u>Axle</u>		
	a. Make & Model	To be mentioned	
	b. Type		
	c. Capacity		
	d. Country of Origin	Group A & B Countries	
	e. Country of Manufacturer		
	f. Country of Assembly		
15.	Number of Axle	To be mentioned	

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Ser	Descriptions	Required Technical Specification	Remarks
16.	<u>Transmission</u>		
	a. Make and Model	To be mentioned	
	b. Country of Origin	Group A & B Countries	
	c. Country of Manufacturer		
	d. Country of Assembly		
	e. Number of Gear (Including reverse)	To be mentioned	
	f. Gear ratio	Gear wise ratio to be mentioned	
17.	<u>Transfer Case</u>		
	a. Make and Model	To be mentioned	
	b. Country of Origin	Group A & B Countries	
	c. Country of Manufacturer		
	d. Country of Assembly		
18.	<u>Chassis Frame</u>		
	a. Type	To be mentioned	
	b. Country of Origin	Group A & B Countries	
	c. Country of Manufacturer		
	d. Country of Assembly		
	e. Dimension with thickness of Chassis Frame	To be mentioned	
19.	Differential Lock/Limited Slip Differential (LSD)	To be provided	
20.	<u>Hydraulic System</u>		
	a. Hydraulic System	Details to be mentioned	
	b. Country of Origin	Group A & B Countries	
	c. Country of Manufacturer		
21.	<u>Suspension</u>		
	a. Front	Details to be mentioned	
	b. Rear		
22.	<u>Clutch</u>		
	a. Type	To be mentioned	
23.	<u>Brake System</u>		
	a. Service Brake	Details to be mentioned	
	b. Parking Brake		
	c. Auxiliary Brake		
	d. Any other Brake		
24.	Steering	Hydraulic assisted power steering	
25.	<u>Weight</u>		
	a. Pay Load	Maximum 15 Ton	
	b. Curb Weight	To be mentioned	
	c. Gross Vehicle Weight	Maximum 25 Ton	
26.	<u>Winch</u>		
	a. Make & Model	To be mentioned	
	b. Type of winch	To be mentioned	

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Ser	Descriptions	Required Technical Specification	Remarks
	c. Country of Origin, Manufacturer & Assembly	Group A & B Countries	
	d. Capacity of winch	Minimum 30 Ton Puling and Towing	
27.	<u>Tyre</u>		
	a. Size	To be mentioned	
	b. Tyre Brand	To be mentioned	
	c. Tyre Country of Origin and Manufacturer	To be mentioned	
	d. Tyre Pattern	Non-Directional, Ground Grip & Cross Country (ND, GGG & CC)	
	e. Rim Size	To be mentioned	
	f. Number of tyre include spare	To be mentioned	
	g. Spare Tyre hanger with lifting facility	To be provided	
28.	<u>Electric System</u>		
	a. Voltage	12/24 Volt	
	b. <u>Battery</u>		
	(1) Number of Battery	02 Nos	
	(2) Volt & AH	Volt & AH to be mentioned	
	c. Alternator (Volt & Amp)	Volt & Amp to be mentioned	
	d. Starter (Volt & KW)	Volt & Kw to be mentioned	
29.	Lights and Gauges	All lights and Gauges to be mentioned	
30.	<u>Air Condition for Driver Cabin</u>		
	a. Type of cabin	Details to be mentioned	
	b. Brand and Model	To be mentioned	
	c. Country of Origin, Manufacturer and Assembly	Group A & B Countries or OEM	
	d. Capacity of AC	To be mentioned	
31.	Colour	As per tender requirement	
32.	<u>Petrol Oil Lubricant (POL) information</u>	The following information must be submitted with the offer	
	a. Detail maintenance schedule of Equipment & Engine	Details of maintenance schedule of equipment & engine will be provided with the Assault Track Way	
	b. Grade of diesel used	To be mentioned. (The required Petrol Oil & Lubricant information to be submitted in compatible with Bangladesh Army)	
	c. Type of Engine Oil used		
	d. Type of gear Oil used		
33.	Operational Temperature	-5°C to +55°C	
34.	Maintenance	Details to be mentioned in owner's manual	
35.	ISO Certificate or equivalent	Certificate to be provided by the manufacturer	
36.	List of standard Tools and accessories (for full range of operation)	List to be provided	
37.	Optional items (if any)	List to be submitted (if any)	

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Ser	Descriptions	Required Technical Specification	Remarks
38.	<u>Roadway/(Material)</u>		
	a. Track/Roadway material	Aluminum Alloy or steel	
	b. Capacity of the track way	Minimum 60 Ton	
	c. Total Length of the track in a role	Minimum 50m	
	d. Maximum Load cycle of the track way	Details to be mentioned	
	e. Width of the track	Minimum 4 m	
	f. Thickness of the track	Minimum 20 mm	
39.	<u>Spool</u>		
	a. Make & Model	To be mentioned	
	b. Type		
	c. Country of Origin	Group A & B Countries	
	d. <u>Dimension</u>		
	(1) Length		
	(2) Width	To be mentioned	
	(3) Height		
	e. Number of Spool	To be mentioned (Maximum 2)	
	f. Operational	Mechanical/Hydraulic	
	g. Capacity	To be mentioned	
	h. Method of loading on the vehicle	Details to be mentioned	
	j. Number of troops for loading require or not	To be mentioned	
40.	Paving/Retrieval Time	Minimum and maximum time to be mentioned	
41.	Deployment system (Rapid and easy deployment)	Details of deployment system to be mentioned	
42.	Bearing pressure the track can carry	Minimum 60 Ton	
43.	Bearing pressure of the soil where the track can be Employable	Maximum 3% CBR	
44.	Material quality and sample verification	Certificate shall be provided upon request as confirmation of the material quality used for the fabrication of track way. The client maintains the right, however, to take random samples from any portion of role and to have the samples independently tested for verification of material specification conformity	
45.	Loading and Unloading of Track role	a. Should have provision of mechanical loading and unloading b. Details to be mentioned including method of operation	

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Ser	Descriptions	Required Technical Specification	Remarks
Part-3: Training Requirement			
46.	User Training	To be provided as per requirement of Engineer Directorate	
47.	Operation, Repair and Maintenance Training	To be provided as per requirement of Electrical and Mechanical Engineers Directorate	
48.	Equipment Management Training	To be provided as per requirement of Ordnance Directorate	
Part-4: List of Books & Publications.			
49.	a. Owners/operators manual in English (book type) including CD/DVD b. Workshop/repair manual in English (book type) including CD/DVD c. 100% updated master spare parts catalogue in English (book type) including CD/DVD d. Complete and updated master spare parts price catalogue/list in English (book type) including CD/DVD	To be provided as per requirement of Electrical and Mechanical Engineers Directorate	
50.	Part-5. List of fast and slow-moving spare parts	Separate list of fast and slow-moving spare parts to be provided as per requirement of Electrical and Mechanical Engineers Directorate	
51.	Part-6. Tools list for different level of maintenance: a. Analyzer, measuring & testing/fault finding and diagnostic set b. Special Service Tools (SST) c. Special Service Materials (SSM)	To be provided as per requirement of Electrical and Mechanical Engineers Directorate	
52.	Certificate on Spare Parts available in Bangladesh	Certificate to be submitted from manufacturer	
53.	List and certificate on usage of the equipment by other organizations or agencies in Bangladesh	List and certificate to be submitted from manufacturer	
54.	After sales-service workshop in Bangladesh	To be available with repair support and stock of spare parts availability	
55.	Detailed address of after-sale-service workshop in Bangladesh	Details address to be mentioned	
56.	Location of Stage Inspection/Pre-shipment Inspection	Stage inspection/Pre-shipment Inspection with address of respect of major components (manufacturing plant/assembly plant or in both)	

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Ser	Descriptions	Required Technical Specification	Remarks
Note:	Following information's/documents to be submitted along with the offer:		
	a.	Details of working principle	
	b.	Functional/Users training in country to be provided by foreign/Local expert	
	c.	Provision of supply of major spares for minimum 15 years	
	d.	Provision of supply fast and slow-moving spares for minimum 15 years	
	e.	Model validity in years (min 15 yrs)	
	f.	List of 10% Spares, Special Service Tools (SST), Special Service Material (SSM)	
	g.	Local agent to be capable to provide technical support team (TST) by manufacturer representative within short notice (by 3 days) when asked by BD Army	
	h.	Any other relevant technical information may also be enclosed	
	j.	The contracted equipment to be used by the various modern Army along with manufacturer country Army	Confirmation cert to be submitted (In original) during evaluation stage