

संख्या. पी-63013/223/01/2025/मोड-1/सीसुबल 1925-31

भारत सरकार, गृह मंत्रालय
महानिदेशालय सीमा सुरक्षा बल
(रसद निदेशालय: आधुनिकीकरण सैल)
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(Fax: 011-24367683)

ब्लाक संख्या . 10,
सीजीओ काम्पलैक्स,
लोधी रोड, नई दिल्ली-03
दिनांक 21st अगस्त 2026

सेवा में,

महानिदेशक:- आसाम राईफलस (through LOAR), केन्द्रीय ओद्योगिक सुरक्षा बल,
केन्द्रीय रिजर्व पुलिस बल, भारतीय तिब्बत बोर्डर पुलिस, सशस्त्र सीमा बल,
राष्ट्रीय सुरक्षा गार्ड एवं पुलिस अनुसन्धान एवं विकास ब्योरो

विषय: अनुमोदित गुणात्मक आवश्यकता / परीक्षण निर्देशों का प्रेषण

तकनीकी विशेषज्ञों के उप समूह द्वारा किए गये सूत्रीकरण एवं महानिदेशक सीमा सुरक्षा बल द्वारा अनुमोदित **"Tractor"** उपकरण के गुणात्मक आवश्यकता/परीक्षण निर्देशों को आपकी अग्रिम कार्यवाही हेतु प्रेषित किया जाता है।

संलग्न : उपरोक्तनुसार

(बिपुल बीर गुसाईं)
उप महानिरीक्षक (वरत्र)

प्रतिलिपि :-

1. तकनीकी निदेशक
The Technical Director
राष्ट्रीय सूचना-विज्ञान केन्द्र, नोर्थ ब्लॉक,
गृह मंत्रालय, नई दिल्ली
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2. SO (IT), North Block, MHA
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3. Sh. Samarth Sharma,
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4. तकनीकी विंग, सीमा सुरक्षा बल
5. रसद निदेशालय, (परिवहन), सीमा सुरक्षा बल
6. फाईल

- : आपसे अनुरोध है कि उक्त उपकरण के गुणात्मक आवश्यकता / परीक्षण निर्देशों को MHA website (Division of MHA+ -Police Modernization Division-Qualitative Requirements-Qualitative Requirements of Machinery & Eqpt Items with Surveillance item) पर अपलोड करने का श्रम करें।
- : कृपया उपरोक्तानुसार कार्यवाही करने का श्रम करें।

For info with request to upload the approved QRs & TDs of **"Tractor"** on GeM Portal. Copy of QRs & TDs is attached with this letter.

- : कृपया उक्त उपकरण के गुणात्मक आवश्यकता/परीक्षण निर्देशों को सीमा सुरक्षा बल की वेबसाइट पर अपलोड करने का श्रम करें।
- : आपके यूओ संख्या-1757 दिनांक 07 अगस्त 2026 के सन्दर्भ में अनुमोदित **"Tractor"** उपकरण के गुणात्मक आवश्यकता/ परीक्षण निर्देशों को आपके सूचनार्थ एवं अग्रिम कार्यवाही हेतु प्रेषित जाता है।

QRS & TD OF TRACTOR

S/No.	QRs/ Specification	Result Expected Desired		Trial Directives
a)	General Description	The tractor should be rugged, suitable for multi-terrain field conditions including border, hilly, sandy and semi-arid zones. It must be fuel-efficient, easy to maintain and compatible with logistical attachments such as rotavator, trolley, leveller and cultivator.		-
b)	Engine	4x4	4x2	OEM certificate to be submitted
i)	Type	Diesel engine	Diesel Engine	OEM certificate to be submitted
ii)	Power output (Min)	45 HP and above	45 HP and above	OEM certificate to be submitted
iii)	Cooling system	Water-cooled	Water-cooled	OEM certificate to be submitted
iv)	Starting system	Electric start (Starting with or without cold starting kit during extreme cold condition with -15°C to 55°C as per user requirement)	Electric start (Starting with or without cold starting kit during extreme cold condition with -15°C to 55°C as per user requirement)	OEM certificate to be submitted

S/No.	QRs/ Specification	Result Expected Desired		Trial Directives
v)	Emission compliance	TREM-III/IV or latest (As per omission norms of GOI)	TREM-III/IV or latest (As per omission norms of GOI)	OEM certificate to be submitted
vi)	Engine Capacity (Min)	2500CC and above	2000CC and above	OEM certificate to be submitted
c)	Transmission			
i)	Gear type	Constant mesh or Synchromesh or combination of constant mesh and sliding mesh		All the forward and reverse gear should be applied. It will tested with full pay load
ii)	Number of Gears (Min)	08 Forward + 02 Reverse		All the forward and reverse gear should be applied.
iii)	Clutch	Dual clutch or double clutch (Dry/Wet)		Clutch should be applied after giving fully payload
d)	PTO (Power Take-Off)	4x4	4x2	
i)	Type	Independent or live PTO	Independent or live PTO	OEM certificate to be submitted
ii)	RPM	540 RPM (Standard)	540 RPM (Standard)	OEM certificate to be submitted
iii)	PTO HP (Min)	40 HP and above	38 HP and above	OEM certificate to be submitted
e)	Brakes and Steering			
i)	Brake Type	Oil-immersed disc brakes		Brake should be applied on flat and slope with fully load

S/No.	QRs/ Specification	Result Expected Desired		Trial Directives
ii)	Steering	Power steering		All operation of steering should be easy enough to steer the fully loaded vehicle.
f)	Tyres	4x4	4x2	
i)	Front Tyres	9.50 x20 and above Or As per user requirement	7.50 x16 and above Or As per user requirement	As per owner's manual
ii)	Rear Tyres	14.9 x28 and above Or As per user requirement	14.9 x 28 and above Or As per user requirement	As per owner's manual
iii)	Tyre type	Tubeless or tube-type tyres, based on their suitability to the field conditions, with preference, given to those offering better performance, durability, and ease of maintenance in off-road and rugged terrain.		As per owner's manual
g)	Hydraulic System			
i)	Lifting capacity (Min)	1400 kg at hitch point and above		OEM certificate to be submitted
ii)	Control	Automatic Draft Control (ADC) and Position Control		OEM certificate to be submitted
iii)	Hydraulic Outlets	Single/Double acting with auxiliary coupler		OEM certificate to be submitted
h)	Electrical and Instrumentation			
i)	Battery	12V, 75 AH and higher (For high altitude AH may vary)		As per owner's manual
ii)	Alternator (Min)	35 Amp		As per owner's manual
iii)	Indicators	Digital cluster for RPM, fuel, engine temperature and batter.		As per owner's manual

S/No.	QRs/ Specification	Result Expected Desired		Trial Directives
iv)	Lighting	Headlamps, tail lamps and indicators as per road safety norms (Inbuilt, 7 Point socket additional/optional)		As per owner's manual
i)	Fuel Tank Capacity			
i)	Minimum	50 liters		As per owner's manual
j)	Dimensions and weight	4x4	4x2	
i)	Ground Clearance (Min)	340mm	340mm	As per owner's manual
ii)	Turning radius with Brakes (Max)	upto 5 mtrs	upto 4.5 mtrs	As per owner's manual
iii)	Overall weight (Appx)	2100-3000 kg	1800-2500 kg	As per owner's manual
k)	Additional Features			
i)	ROPS (Roll Over Protection Structure)	Optional		As per QRs
ii)	Canopy	Optional		As per QRs
iii)	Tool kit and first-aid box	Standard issue		As per QRs
iv)	Hitch Type	Category- I & II		As per QRs
l)	Warranty & AMC			
i)	Warranty (Min)	5 years or 5000 operating hours whichever is earlier		As per owner's manual/warranty certificate.
ii)	AMC	Optional		Optional
m)	Compliance & Certification			
i)	CMVR certified	-		As per CMV Rules
ii)	BIS approved where applicable	-		As per BIS certificate

S/No.	QRs/ Specification	Result Expected Desired	Trial Directives
ii)	Service Network	There should be an authorized service station in the general area of the deployment of concerned Institutions/FTR/SHQ or Units to ensure timely servicing and maintenance of the tractor.	As per Owner's manual

(Harbax Singh Dhillon),
ADG (Log), BSF

(Dinesh Kumar), DIG (TPT),
BSF

(Anil Kumar Lal), Comdt.
(SIW), BSF

(Sreelesh G.S), 2IC, ITBP

(K L Puri), SP, BPR&D
(through VC)

(Lt. Col. Savya Sanchi),
Assam Rifles (through VC)

(Sagar Ashok Desai), DC,
SSB (through VC)

(Sukhvir Singh), DC, SRO,
BSF

(Suresh Singh), AC/Exc,
CISF

(Rajesh Kumar), AC, CRPF

N/Sub Dhuri M.S, NSG BD
Unit (through VC)

(Inspr/RM S Chakraborty),
SIW, BSF

Approved/ Not Approved

approved
man:
Director General
Border Security Force