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महानिदेशालय, भा.ति.सी.पु.बल / Directorate General, ITBP Force
संभरण निदेशालय-एम0टी0 डैस्क / Provisioning Dte-MT Desk)
गृह मंत्रालय-भारत सरकार / MHA-Government of India
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(Fax 011-24364267, Email-digprov@itbp.gov.in)

No IV-15022/02/2020/Prov/MV (Mod)- 680

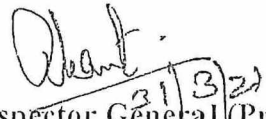
Dated: 31/03/2021

To

The DsG/Director
BSF,CRPF,CISF,SSB,AR (Through) LOAR, NSG, BPR&D,NIA and IB

Sub: Revised Quality Requirement (QRs) and Trial Directive (TDs) of High Powered Specialized Utility Vehicle (BS-VI) Diesel/Pertol Version for Mountainous Region.

The QRs and Trial Directives in respect of Revised Quality Requirement (QRs) and Trial Directive (TDs) of High Powered Specialized Utility Vehicle (BS-VI Diesel/Pertol Version) for Mountainous Region as per Annexure "A" and "B" duly approved by the Competent Authority in ITBP with reference to MHA order No 11012/02/2019-Fin-I/Prov.1-17 dated 02-01-2018 is enclosed herewith for information and necessary action at your end please.


Dy Inspector General (Prov)

Copy to

1. The Director, NIC, MHA/GOI, North Block, New Delhi- for information with the request to upload the QRs and TDs of High Powered Specialized Utility Vehicle on the MHA website.
2. Dy Inspector General (Prov), Dte Gen, ITBP.
3. The Dy Inspector General (L&C), ITB Police.
4. The Commandant, TPT Bn, ITB Police.
5. The DC(IT) Cell, ITBP- Revised QRs/TDs of High Powered Specialized Utility Vehicle may please be uploaded on ITBP Website.

For information alongwith
copy of QRs and TDs of
High Powered Specialized
Utility Vehicle.

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Dy Inspector General (Prov)

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IN LIEU OF IAFD 931

BOARD PROCEEDING

Proceeding of : Standing Technical Evaluation Committee.
Assembled at : SHQ (L&C), ITB Police, Chhawla Camp, Najafgarh Road, New Delhi.
Assembled on : 05-02-2021
By the order of : DIG(Prov), Dte.Gen Letter No IV-15019/08/2015-Prov(MT)-193 dtd 23.03.2020 & Email msg. No.0761dtd 17.11.2020 & SHQ(L&C) letter No.328 dtd 29-01-2021.
For the purpose of : Meeting of sub group with vendor/stakeholder for their comments & formulation of revised QRs/Specification & Trial Directives of "High Powered Specialized Utility Vehicle (BS-VI) in Diesel & Petrol Version Under MOD Plan"

Composition of the Board

Presiding Officer : Shri R.N. Singh, DIG(L&C)
Member-CRPF : Shri Ajatshatru, AC
Member-BSF : Shri Yogender Kumar Poonia, 2I/C
Member-CISF : Shri Harish Bhandari, DC
Member-NSG : NOT ATTENDED
Member-SSB : SI(Mech) Sanjay
Member-Assam Rifle : - NOT ATTENDED
Member- BPR&D : Dr. M.M. Gosal, SSO
Member-Dte. Genl. ITBP : Shri Sreekesh G.S, DC(TPT), MTO Dte Gen ITBP
Co-opted Member : Shri Puneet Sachdeva, DC(TPT), TPT BN. ITBP

2. In pursuance of the above order, All Board Members of sub group of experts assembled at SHQ(L&C) on 05-02-2021 to discuss and formulate the comments of Firms received against the QRs/Specifications and Trial Directives of " High Powered Specialized Utility Vehicle, BS-VI, uploaded on MHA website through NIC.

3. After scrutiny of 04 Firms(M/s Fordindia, Isuzu motors, M&M, Maruti) comments received through email and by hand are placed at Appendix C, D, E & F and keeping in view the needs/requirements of CAPF, the BOOs remarks are placed at Appendix B. Based on the remarks/recommendation of the BOOs, The final QRs/Specifications and Trial directives have been prepared.

Contd.....2/-

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4. It is certified that the QRs/Specifications and Trial Directives of "High Powered Specialized Utility Vehicle, BS-VI, in Diesel / Petrol Version" are generic in nature.

5. A fresh and final QRs/Specification and Trial Directives for "High Powered Specialized Utility Vehicle, BS-VI, in Diesel & Petrol Version Under MOD Plan." have been prepared and same attached at Appendix "A"

6. The board proceeding along with Final QRs/Specifications & Trial Directives prepared by the sub group submitted for necessary action at your end please.

Member-I-CRPF [Signature] Member-II-BSF [Signature] Member-III-CISF [Signature]

Member-IV-NSG _____ Member-V SSB [Signature] Member-VI-Assam Rifle _____

Member-VII-BPR&D [Signature] Member-VIII-Member, DTE GENL. ITB [Signature] Member-IX, (Co-opted) [Signature]

Presiding Officer: [Signature]

[Signature]
(Daljit Singh Chawdhary), IPS
Addl. DG, ITB Police

Approved/Not approved
[Signature]
(S.S. Deswal), IPS
DG, ITB Police

QRs /Specifications & Trial Directives for High Powered Specialized Utility Vehicles (BS-VI)

SN.	PARAMETERS	SPECIFICATIONS	PROCEDURE	RESULT EXPECTED	REMARKS
(1)	(2)	(3)	(4)	(5)	(6)
1	Engine	Diesel Engine CRDI, Turbo charged with inter cooler ,water cooled ,EURO/BSVI or Higher (Suitable to deliver the rated output). Or may be BSVI Petrol Engine. Capacity of engine should be min. 2.0 Ltrs (2000CC) Should be with cold starting kit.	Will be verified as per the CMVR Certificate.	Should be as per the specification	
2	Horse Power	Not less than 140BHP ✓	Will be verified as per the CMVR Certificate.	Should be as per the specification	
3	Torque	Not less than 300Nm ✓	Will be verified as per the CMVR Certificate.	Should be as per the specification	
4	Kerb Weight	Not More than 2500Kgs. ✓	Will be checked physically	Should be as per the specification	
5	Gross Vehicle Weight	Not more than 3500Kgs. ✓	Will be checked physically	Should be as per the specification	
6	Gradeability	Min. 30 Deg ✓	Will be verified by the Certificate Provided by the Firm or will be tested on a 30 Deg Slope.	Should climb 30 Deg Gradient easily.	

Member-I-CRPF

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Member-III- CISF

Member-IV-NSG

Member-V-SSB

Member-VI- Assam Rifle

Member-VII-BPR&D

MTO Dte Gen.

Co-Opted Member (ITBP)

Presiding Officer

SN0.	PARAMETERS	SPECIFICATIONS	PROCEDURE	RESULT EXPECTED	REMARKS
(1)	(2)	(3)	(4)	(5)	(6)
7	Side Slope Capability	Min.17Deg ✓	Will be verified by the Certificate Provided by the Firm or will be tested on a 17Deg Slope.	Should negotiate the 17 Deg Slope.	
8	Turning Radius	6.5 Mtrs ✓	By steering the wheel extreme Left/ Right of the vehicle and driving the vehicle in same condition will form a circle (chalk powder or any other color may be used on the wheels for marking).the inner circle may be measured to get the turning radius or the certificate provided by the firm may be verified ..	Should be within the required limit.	
9	Seating Capacity	Minimum 05 persons ✓	Will be checked physically	Should be as per the specification	
10	Fordability	Min 500mm ✓	Will be checked physically	Should be as per the specification	
11	Fuel Tank Capacity	Min 50 Ltrs ✓	Will be checked physically	Should be as per the specification	

Member-I-CRPF *[Signature]* Member-II-BSF *[Signature]* Member-III- CISF *[Signature]* Member-IV-NSG *[Signature]*
 Member-V-SSB *[Signature]* Member-VI- Assam Rifle *[Signature]* Member-VII-BPR&D *[Signature]* MTO Dte Gen *[Signature]*
 Co-Opted Member (ITBP) *[Signature]* Presiding Officer *[Signature]*

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SNO.	PARAMETERS	SPECIFICATIONS	PROCEDURE	RESULT EXPECTED	REMARKS
(1)	(2)	(3)	(4)	(5)	(6)
20	Heating /Cooling of passenger compartment	Heating arrangement should be provided with either HVAC system or equivalent arrangement to be provided. Provision for Demisting and Defrosting to be provided.	Will be checked physically during winter when the temperature is above +40°C or below -20°C.	The HVAC or suitable system should maintain the temperature of 22±5 when the ambient temperature is above +40°C or below -20°C.	
21	Vehicle operating Temperature	Vehicle to operate in the range of min. -10°C and below to max+50°C Winterization kit for heating Coolant Oil in the sump & fuel for cold starting should be OEM fitted Altitude range is 15000 ft and above.	Will be checked physically by driving the vehicle in extreme weather conditions	Should operate efficiently.	
DIMENSIONS					
22	Length	Min.4000 mm	Will be checked physically or verified. by the certificate provided by the firm.	Should be within the required specification .	
23	Width	Min.1800 mm	Will be checked physically or verified. by the certificate provided by the firm	Should be within the required specification .	
24	Height	Min.1775 mm	Will be checked physically or verified. by the certificate provided by the firm	Should be within the required specification .	

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(1)	(2)	SPECIFICATIONS (3)	PROCEDURE (4)	RESULT EXPECTED (5)	REMARKS (6)
12	Power Transmission	1. Automatic Or Manual Transmission with min. 05 forward and one reverse gears Drive should be selective both 4x2 & 4x4 (Low & High) .shifting mechanism should be of electronic 2. Traction control system (TCS) should be provided	Will be checked practically by driving the vehicle in all the modes (4x2 & 4x4)	Should be as per the specification	
13	Suspension	All four wheels independent suspension ,with shock absorbers /coil springs.	Will be cheeked physically and as per the Certificate provided.	Should be as per the specification	
14	Wheels / Tyres	Tubeless tyres of appropriate size corresponding to the ground clearance, suitable for metalled road and cross country movement on hills.one spare wheel to be provided .Central Tyre Inflation System (CTIS) may be provided (Optional as per requirement of the indenter). There has to be provision to fit anti - skid chains during winters.	Will be cheeked physically	Should be as per the specification	

Member-I-CRPF.....*AV*..... Member-II-BSF.....*[Signature]*..... Member-III- CISF.....*[Signature]*..... Member-IV-NSG.....*[Signature]*
 Member-V-SSB.....*[Signature]*..... Member-VI- Assam Rifle.....*[Signature]*..... Member-VII-BPR&D.....*[Signature]*..... MTO Dte Gen.....*[Signature]*
 Co-Opted Member (ITBP).....*[Signature]*..... Presiding Officer.....*[Signature]*.....

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SR NO.	PARAMETERS	SPECIFICATIONS	PROCEDURE	RESULT EXPECTED	REMARKS
(1)	(2)	(3)	(4)	(5)	(6)
15	Steering	Right hand drive with power steering. should have Electronic stability Control.	Will be checked physically	Should be as per the specification	
16	Body Configuration	Body of vehicle should be Hard top shell made of metal, all weather resistant viz. Extreme summer & winter temperatures and Severe rain, With sufficient reinforcement under the body Should have 5 door concept.	Will be checked physically	Should be as per the specification	
17	Power to Weight Ratio	More than 25:1	Will be checked physically	Should be as per the specification	
18	Range of Operation	400Kms on Highways 300Kms on Hilly Terrain	Will be checked practically be driving the vehicle on both terrain	Should be as desired	
19	Brake System	Front & Rear, Hydraulic /Air with dual circuit with Disc on front and Disc / Drum on rear wheels. Anti Lock Braking System (ABS) & Electronic Brake Distribution (EBD) should be provided. Parking brake on rear /front	Will be checked physically and by the certificate provided by the firm.	Should be as per the specification	

Member-I-CRPF

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Member-IV-NSG

Member-V-SSB

Member-VI- Assam Rifle

Member-VII-BPR&D

MTO Dte Gen

Co-Opted Member (ITBP)

Presiding Officer

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SN0.	PARAMETERS	SPECIFICATIONS	PROCEDURE	RESULT EXPECTED	REMARKS
(1)	(2)	(3)	(4)	(5)	(6)
25	Ground Clearance	Min 160 mm ✓	Will be checked physically or verified. by the certificate provided by the firm.	Should be within the required specification	
26	Wheel Base	Min.2650 mm ✓	Will be checked physically or verified. by the certificate provided by the firm.	Should be within the required specification	
27	Track	Min 1500 mm	Will be checked physically or verified. By the certificate provided by the firm.	Should be within the required specification	
ELECTRICAL					
28	Battery	Battery should be of Gel type Min.65 AH or more corresponding to the lighting arrangement of vehicle .	Will be verified by the VRDE/ARAI certificate provided by the firm.	Should be as per the specification	
29	Lighting arrangement	i) Two /Four head lamps at the front. ii) Turn signal indicators both at front and rear. iii) Reverse light and convoy lights. iv) Inspection lamp in engine compartment	Will be checked physically.	Should be desired.	

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 Member-V-SSB.....
 Co-Opted Member (ITBP).....

Member-II-BSF.....
 Member-VI- Assam Rifle.....
 Presiding Officer.....

Member-III- CISF.....
 Member-VII-BPR&D.....
 MTO Dte Gen.....

Member-IV-NSG.....
 MTO Dte Gen.....

SN.	PARAMETERS	SPECIFICATIONS	PROCEDURE	RESULT EXPECTED	REMARKS
(1)	(2)	(3)	(4)	(5)	(6)
30	Vehicle information System	Provision of informing vehicle Engine temperature, speedometer, tyre pressure indicator, hand brake engaged warning etc. Provision of wind screen wiper, side view mirrors remotely adjustable from inside cabin. Rear view camera.	Will be checked physically.	Should be as desired	
31	Self Recovery Winch	A self -Recovery winch in the front of the vehicle with a cable of minimum 15 to 20 meters length and a suitable hook capable of recovering the vehicle.(Optional as per requirement)	Will be checked physically	Should be as desired	
32	Tow Hooks	Atleast 01 No.Tow hook at front/rear.	Will be checked physically	Should be as desired	
33	Fire Extinguisher	Min. Two Nos.of fire Extinguisher, one liter each. (Optional)	Will be checked physically	Should be as desired	
34	GPS Facility	GPS facility for vehicle navigation. (Optional as per requirement of indenter).	Will be checked physically	Should be as desired	
35	Accessories	Air Pressure gauge, Pneumatic battery operated foot pump, Towing rope, Tubeless tyre puncture repair kit, Spare head light bulb-2, Snow cleaning & Non skid chain (Optional as per requirement)	Will be checked physically	Should be as desired	

Member-I-CRPF.....

Member-II-BSF.....

Member-III- CISF.....

Member-IV-NSG.....

Member-V-SSB.....

Member-VI- Assam Rifle.....

Member-VII-BPR&D.....

MTO Die Gen.....

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Presiding Officer.....

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COMPARISON OF FIRMS COMMENTS ON QR/S SPECIFICATION OF HIGH POWERED SPECIALIZED UTILITY VEHICLE(BS-VI) MOUNTAINOUS REGION							
Sl. No.	Parameters	Specifications	Isuzu Motors India PVT. LTD.	Ford	Maruti	M&M	Remarks
	2	3	4	5	6		7
1	Engine	Diesel Engine CRDI , Turbo charged with inter cooler, water cooled, BSVI or Higher (Suitable to deliver the rated output), Or may be BSVI petrol Engine, Capacity of engine should be min, 2.0 Ltrs / 2000 cc should be with cold starting kit.	Diesel Engine Common Rail VGS Turbo, Turbo Charged with Intercooler BS VI	2.0 L TDCI DIESEL ENGINE YES	1462 cc	Complied	NO CHANGE REC Same as mentioned in column 3
2	Horse Power	Not less than 140 BHP	160.9 HP (163 PS/120 Kw)	170 PS (125KW)	77kw@6000RPM	Complied	NO CHANGE REC Same as mentioned in column 3
3	Torque	Not less than 300 Nm	360 Nm	420 NM	138 NM	Complied	NO CHANGE REC Same as mentioned in column 3
4	Kerb Weight	Not more than 2500 Kgs	1955 Kgs	2410 KG (WITH 90% FUEL)	1135	Complied	NO CHANGE REC Same as mentioned in column 3
5	Gross Vehicle Weight	Not more than 3500 kgs.	2510 Kgs	GVM 3100 KG	1730	Complied	NO CHANGE REC Same as mentioned in column 3
6	Gradeability	Min. 30 Deg	30 Deg	45 Deg.	-	15 Deg.	NO CHANGE REC Same as mentioned in column 3
7	Side slope Capability	Min 17 Deg	49 Deg	35 Deg.	-	To be confirmed	NO CHANGE REC Same as mentioned in column 3
8	Turning Radius	6.5 Metres	6.3 Metres	5.4 Mtrs	5.2	Less then 6.5 mtr	NO CHANGE REC Same as mentioned in column 3
9	Seating Capacity	Minimum 06/07 Persons	5 Persons inside the Hardtop & additional upto 4 persons in the Deck with bench type seating (Bench seat customization through after market filment)	7 person+Driver	7	Complied	To make the QR generic the specification " seating capacity minimum 06/07 persons can be changed to "Seating capacity mimimum 05 persons.

M.I(CRPF) M.II(BSF) M.III(CISF)

M.IV(NSG) M.V(SSB) M.VI(A.R.)

M.VII(BPR&D) M.VIII(MTO Dte Genl)

M.IX(CO-Opted)

P.O. DIG(L&C)

10	Forcibility	Min 500 mm	165 mm	800 mm		To be confirmed	NO CHANGE REC Same as mentioned in column 3
11	Fuel Tank Capacity	Min 50 Ltrs.	55 Litres	80 Ltrs.	45 Ltr	Complied	NO CHANGE REC Same as mentioned in column 3
12	Power Transmission	1. Automatic Or Manual Transmission with min. 05 forward and one reverse gears Driver should be selective both 4 x 2 & 4x4 (Low & High) shifting mechanism should be of electronic. 2. Traction Control System (TCS) should be provided. <u>Operating Capability</u> :- At the height of 15,000 ft. & above.	Point 1 & 2 are Compliant Vehicle tested only upto 2500 m (8202 Feet)	Only 10-speed Automatic. 10 forward and one reverse gears drive selective both 4x2 & 4x4 (low and high) shifting electronic with (terrain management) rollover stability and traction control (TCS)		4X2 Available Balance to be Complied	To make the QR generic the specification " operating capacity 15,000 ft can be removed
13	Suspension	All four wheels independent suspension with shock absorbers / coil springs.	Compliant for Front Suspension - Independent Double Wishbone Coil Spring Non Compliant for Rear Suspension - Leaf Spring Suspension Both front & back are with Shock absorbers.	Yes		Complied	NO CHANGE REC Same as mentioned in column 3
14	Wheels / Tyres	Tubeless tyres of appropriate size corresponding to the ground clearance, suitable for metalled road & cross country. Movement on hills. One spared wheel to be provided. Central Tyre Inflation System (CTIS) may be provided (Optional as per requirement of the indenter). There has to be provision to fit anti skid chains during winters.	255/60 R18 Tyre Size, Radial Tubeless Tyres CTIS & Anti skid chains - Customization through after market fitment	Tubeless Tyres- Yes (365/60 R 18) Alloy 265/65 R 17 (Spare wheel) Yes owner manual also mention "using snow chains"		To be confirmed Tubless Tyre Confirmed available	NO CHANGE REC Same as mentioned in column 3
15	Steering	Right hand drive with power steering . Should have Electronic Stability Control.	Compliant - Power Steering with ESC	Yes		Complied	No change Same as mentioned in column 3

M.I(CRPF)

M.II(BSF)

M.III(CISF)

M.IV(NSG)

M.V(SSB)

M.VI(A.R.)

M.VII(BPR&D)

M.VIII(MTC-Die Genl)

M.IX(CO-Opted)

P.O.-DIG(L&C)

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16	Body Configuration	Body of vehicle should be hard top shell made of metal, all weather resistant viz. Extreme summer & winter temperatures and severe rain, with sufficient reinforcement under the body. Should have 5 door concept.	All Compliant with 4 Doors Only 5th Door on the deck can be customized through after market fitment	5 Door		Complied	NO CHANGE REC Same as mentioned in column 3
17	Power to Weight Ratio	More than 25 : 1	47.81 kW / Ton 47.81 : 1	15.5 Kg/PS (at GVM 3100 KG) 3.1 Ton	-	To be confirmed	NO CHANGE REC Same as mentioned in column 3
18	Range of Operation	400 Kms on Highways 300 Kms on Hilly terrain	550 Kms on Highways 300 Kms on Hilly Terrain	Check fuel consumption with local homologation team	-	Complied	NO CHANGE REC Same as mentioned in column 3
19	Brake System	Front & Rear, Hydraulic / Air with dual circuit with Disc on front & Disc / Drum on rear wheels. Anti Lock Braking System (ABS) & Electronic Brake Distribution (EBD) should be provided. Parking brake on rear / Front.	Front :- Ventilated Disc with Twin pot Calipers Rear :- Drum Brake ABS, EBD & Parking brake available	All wheel Disc Brakes ABS + EBD with Electronic stability control Front parking Brake.	Front Disc Brake Rear Drum	Complied	NO CHANGE REC Same as mentioned in column 3
20	Heating / Cooling of Passenger compartment	Heating arrangement should be provided with either HVAC system or equivalent arrangement to be provided. Provision for Demisting and Defrosting to be provided.	Compliant	Aux. Overhead Heater & A/C Fresh Air heater EATC - Dual control system	-	Complied	NO CHANGE REC Same as mentioned in column 3
21	Vehicle operating Temperature	Vehicle operate in the range of min. -30 Deg C & Below to max +50 Deg C. Winterization kit for heating coolant oil in the sump & fuel for cold starting should be OEM fitted. Altitude range is 15000 ft. & above.	Performance tested upto -10 Deg C in HAA and between 40 Deg C to 45 Deg C in Plains.	India Area warm:(-20Deg. C.)-10Deg. To + 40 Deg. C. (+50deg. C.) Hot : -10 Deg. To +50Deg. C.		Complied	To make the QR generic the specification." vehicle operating Temp. min. -30 Deg C to Below to max. + 50 Deg C. can be replaced to min. -10 degree C to Below to max. +50 degree C
Dimensions							
22	Length	Min. 4000 mm	5295 mm	4903 mm	4395 mm	Complied	NO CHANGE REC Same as mentioned in column 3
23	Width	Min. 1800 mm	1860 mm	1869 mm	1735 mm	Complied	NO CHANGE REC Same as mentioned in column 3

M.I(CRPF)

M.II(BSF)

M.III(CISF)

M.IV(NSG)

M.V(SSB)

M.VI(A.R.)

M.VII(BPR&D)

M.VIII(MTO, Dte Genl)

M.IX(CO-Opted)

P.O. DIG(L&C)

24	Height	Min. 1800 mm	1840 mm	1837 mm	1690 mm	1785 mm	To make the QR generic the specification " vehicle height min 1800 mm can be replaced to 1775 mm
25	Ground Clearance	Min 190 mm	165 mm	225 mm	-	160-165mm	To make the QR generic the specification " ground Clearance min 190 mm can be replaced to 160 mm
26	Wheel Base	Min 2700 mm	3095 mm	2850 mm	-	2680 mm	To make the QR generic the specification " wheel base min 2700 mm can be replaced to 2650 mm
27	Track	Min 1500 mm	1570 mm	1560 mm (Front track width) 1564 mm (rear track)	-	Complied	NO CHANGE REC Same as mentioned in column 3
28	Battery	Battery should be of gel type min 65 AH or more corresponding to the lighting arrangement of Vehicle	65 AH	590 MAH	-	Complied	NO CHANGE REC Same as mentioned in column 3
29	Lighting arrangement	i). Two / Four head lamps at the front. ii). Turn signal indicators both at front & rear. iii). Reverse light & convoy lights. iv). Inspection lamp in engine compartment.	i). Two Head Lamps ii). Turn signal indicators at front & rear. iii). Reverse Light Only (Convoy Lights - Customization through after market fitment) iv). Inspection Lamp - Customization through after market fitment	i). Yes ii). Yes iii). Yes iv). Yes	-	Complied	NO CHANGE REC Same as mentioned in column 3
30	Vehicle information system	Provision of informing vehicle Engine temperature, Speedometer, tyre pressure indicator, hand brake engaged warning etc. Provision of wind screen wiper, side view mirrors remotely adjustable front inside cabin. Rear view camera.	Compliant Tyre Pressure Indicator & Rear View Camera - Customization through after market fitment	i) Yes ii) Yes	-	Complied	NO CHANGE REC Same as mentioned in column 3
31	Self Recovery Winch	A self recovery winch in the front of the vehicle with a cable of minimum 15 to 20 meters length and a suitable hook capable of recovering the vehicle. (Optional as per requirement)	Customization through after market fitment	Not Available	-	to be provided as per additional fitment	NO CHANGE REC Same as mentioned in column 3 Optional as per requirement

M.I(CRPF)

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M.IV(NSG)

M.V(SSB)

M.VI(A.R.)







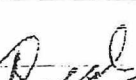
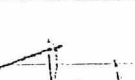
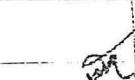
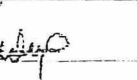
M.VII(BPR&D)

M.VIII(M.I.O. Dte Genl)

M.IX(CO-Opted)

P.O. DIG(L&C)

32	Tow hooks	02 Nos tow hooks at front & rear.	1 No only provided at Front. Additional Tow Hook - Customization through after market fitment	Front Tow Eye Recovery. Rear Towing Hooks		Complied	To make the QR generic the specification " Tow Hooks in front and rear can be replaced with atleast 1 Hook
33	Fire Extinguisher	Min. Two no's of fire extinguisher, one liter each.	Customization through after market fitment	Not Available		to be provided as Accessories	To make the QR generic the specification " Fire extinguisher can be made optional
34	GPS Facility	ONLINE / OFFLINE GPS facility for vehicle navigation. (Optional as per requirement of indenter).	Customization through after market fitment	Yes (offline GPS) for vehicle navigation		Complied	NO CHANGE REC Same as mentioned in column 3
35	Accessories	Air Pressure gauge, Pneumatic battery operated air pump, Towing rope, Tubeless tyre puncture repair kit. Spare head light bulb - 2, Fire Extinguisher, First aid kit, Snow Cleaning Kit & Non Skid Chain	Customization through after market fitment, as per specific requirement.			Accessories fitment as additional cost	To make the QR generic the specification " Air Pressure gauge, Pneumatic battery operated air pump, Towing rope, Tubeless tyre puncture repair kit. Spare head light bulb - 2, Fire Extinguisher, First aid kit, Snow Cleaning Kit & Non Skid Chain <u>can be made Optional in place of mandatory reqt.</u>

 M.I(CRPF)
  M.I(BSF)
  M.III(CISF)
  M.IV(NSG)
  M.V(SSB)
  M.VI(A.R.)
  M.VII(BPR&D)
  M.VIII(MLO-Dte.Genl)
  M.IX(CO-Opted)
  P.O. DIG(L&C)