



***GURIKHA MPV***

Issued to:  
Collin County Sheriff's Office  
4300 Community Ave.  
McKinney, TX  
75071

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## BASE VEHICLE SPECIFICATIONS

### Ballistic & Blast Resistance

Opaque Armor (Occupant Area)	NIJ IV: 30-06 M2 Armor Piercing multi-hit UL752 Level 10: .50 Caliber M33 20mm Fragment Simulating Projectile Obliquity angle: Verticals at 0° / roof at 30°
Firewall Armor	Included in base price
Fuel Tank Armor	NIJ III: 7.62 x 51 M80 multi-hit
Transparent Armor	NIJ IV: 30-06 M2 Armor Piercing UL 752 Level 10: 50 Caliber M33 Obliquity angle: 0° Glass thickness: 2.5 inches / 63 mm
Blast	2 x DM51 grenades detonated simultaneously

### Performance

Base Chassis	Ford F550 4x4
Engine	7.3L V8 Gas engine - 350 HP / 468 lb.-ft. Torque
Transmission	10-speed automatic with tow/haul mode
Transfer Case	2-speed with electronic shift on the fly 4x4
Rear Differential	4.88 ratio with limited slip
Brakes	Four-wheel disc anti-lock brakes (ABS)
Suspension	Custom tuned shocks with external reservoir. Upgraded HD steering damper
Front Springs	Upgraded coils
Rear Springs	Multi-leaf springs
Wheels	Four (4) 20" x 11" wheel assemblies
Run Flats	Run flats in all wheels
Tires	41 inch Michelin X Force ZL (335/80R20)

### Capability

Approach Angle	31° - 42°
Departure Angle	25° - 29°
Ground Clearance	11.5 inches - ground to rear differential case 22 inches - ground to side step
Turning Radius	Outside: 22 feet Inside: 10'2"
Track Width	82 inches
Slope Gradient	60%
Side Slope	40%
Water Fording	41 inches
Vertical Step	18 inches
Trench	27 inches
Top Speed	70 mph - tire rated
Fuel Range	425 miles

### Capacities & Dimensions

GVWR	19,500 lbs
GAWR Rear	14,706 lbs
GAWR Front	7,500 lbs
Curb Weight	16,800 lbs - Base model
Payload	2,700 lbs - Base model
Fuel Tank	40 gallons
Length	256 inches
Width	102 inches
Height	102 inches - roof hatch 115 inches - cupola
Wheelbase	145 inches - unaltered chassis with valid Ford OEM warranty

**Interior**

Front Seats	Driver & passenger front seats with arm rest
Rear Seats	Two (2) side facing bench seats with three 2-point seatbelts at each bench Bench seats lift up to access storage area
Air Conditioning	Factory AC & heat in front cab
Insulation	Insulation in walls, ceiling and floor
Center Console	Center console with backlit accessory switches, two (2) cup holders and cell phone storage pockets
Ceiling Console	Ceiling mounted console with white map lights and spare upfitter switches
Headliner	Heavy duty automotive grade fabric upholstered headliner
Lighting	Seven (7) white & red LED lights in the occupant area - individually switched or master switch
Audio	OEM Ford Infotainment system with AM/FM, Apple CarPlay, Android Auto and 8 inch screen
Grab Handles	Grab handle at each door and six (6) grab handles mounted to the rear ceiling
Tie-Downs	Multi-positional rail tie-down system mounted to both bench seats
Ventilation	Smoke extraction fan mounted at the driver side rear area
Storage	One (1) storage pocket at each front door Two (2) storage nets at each rear bench seat

**Exterior**

Paint	Client to specify color or provide RAL paint code
Tow Hooks	Two towing hooks mounted at front and rear
Side Mirrors	Two power adjustable side mirrors
Fuel Access	Fuel tank access door with key lock
Side Steps	Full length side steps coated in black Line-X positive grip coating Full width rear step coated in black Line-X positive grip coating Secondary rear step hinged for departure angle breaches
Hand Rails	Roof mounted handrails on driver and passenger side upper body line Roof mounted handrail on rear upper body line Line-X positive grip coating applied to all exterior hand rails
Roof	Grip tape strips added to roof for positive grip
Bumpers	Heavy duty integrated front bumper Full width rear step deck
Side Doors	Two (2) side doors
Rear Doors	Two (2) rear entry doors – 50/50
Door Locks	Internal dead bolt locks at all doors Hold-open locks on all side doors at 90 degrees Hold-open locks on both back doors at 90 degrees and 180 degrees Interior manual lock at each door Exterior key lock at each door - all door locks keyed the same
Exterior Lights	LED headlights with integrated turn signals LED tail lights and license plate light Five (5) amber clearance LED lights mounted at the front roof Two (2) amber marker LED lights mounted at front corners Five (5) red clearance LED lights mounted at the rear roof
Windows	One-piece windshield (two-piece windshield available) Full view windows at both front doors One (1) 17 x 25 glass at each rear side door (when equipped as a 4-door configuration) Two (2) portal glass (14 x 6) along passenger side and driver side - 4 in total One (1) portal glass (14 x 6) at each back door

### OPTIONAL UPGRADES

#### Tactical Options

<input type="checkbox"/>	1	Low profile sliding hatch with height adjustable operator stand	\$10,000
<input checked="" type="checkbox"/>	2	Manual rotating roof hatch with gun port and height adjustable operator stand	\$10,000
<input type="checkbox"/>	3	Manual rotating cupola with height adjustable operator stand	\$20,000
<input checked="" type="checkbox"/>	4	Gun ports: 4 per side / 2 at rear door (10 total)	\$5,000
<input type="checkbox"/>	5	Static position (non operable) breaching ram with external or internal storage	\$4,500
<input checked="" type="checkbox"/>	6	Power operable breaching ram with 3 breaching heads and hood mounted camera	\$9,500
<input type="checkbox"/>	6P	Provision for power ram. Includes front mounts, wiring and external storage racks	\$1,500
<input checked="" type="checkbox"/>	7	6 canister chemical munitions delivery system (CTS & Deftech compatible)	\$13,500
<input checked="" type="checkbox"/>	8	Ram cam breaching head with four (4) multi-position cameras	\$6,500
<input checked="" type="checkbox"/>	9	Power operable ballistic skip shield – NIJ III armor (7.62 x 51 M80 ball multi-hit)	\$3,500
<input type="checkbox"/>	10	Fire suppression system at all wheels - manual trigger	\$8,000
<input type="checkbox"/>	11	Fire suppression system at engine - automatic trigger	\$7,000
<input type="checkbox"/>	12	Breathing air tank with quick release hose fitting at each seat (masks sold separately)	\$11,000
<input type="checkbox"/>	13	Protective steel mesh on all windows (removable)	\$3,000
<input type="checkbox"/>	14	Explosive gas detection system	\$6,850
<input type="checkbox"/>	15	Radiation detection system	\$6,850
<input checked="" type="checkbox"/>	16	Four (4) side door configuration	\$2,000
<input checked="" type="checkbox"/>	17	Transparent armor upgrade from 2.5 inch thickness increased to 3 inch thickness	\$5,000
<input type="checkbox"/>	18	LRAD 100X with magnetic mount	\$16,750
<input type="checkbox"/>	18P	Provision for LRAD 450XL. Includes wiring harness and roof mounted pedestal	\$7,000
<input type="checkbox"/>	19	LRAD 450XL roof mounted with standalone MP3 controller	\$35,325
<input type="checkbox"/>	20	Roof mounted water monitor with joystick	\$42,500
<input checked="" type="checkbox"/>	20P	Provision for roof mounted water monitor with joystick	\$4,650
<input type="checkbox"/>	21	Floor mounted gun rack for 2 rifles (includes 2 suppressor cups & 2 standoff plates)	\$1,500
<input type="checkbox"/>	22	Floor mounted rack for one 40mm gas launcher	\$1,750
<input type="checkbox"/>	23	5-piece magnetic storage kit	\$1,000
		<b>Exterior Lighting Options</b>	
<input checked="" type="checkbox"/>	24	Two (2) front roof mounted LED search lights	\$2,500
<input checked="" type="checkbox"/>	25	Two (2) rear roof mounted LED search lights	\$2,500
<input type="checkbox"/>	26	Whelen Arges search light	\$2,325
<input type="checkbox"/>	27	10 inch LED scene lights - left & right side mount	\$2,000
<input checked="" type="checkbox"/>	28	30 inch LED takedown lightbar mounted at the front bumper	\$1,800
<input checked="" type="checkbox"/>	29	Two (2) infrared lights mounted on front bumper	\$1,500
<input type="checkbox"/>	30	Two (2) LED fog lights mounted on front bumper	\$1,200
<input checked="" type="checkbox"/>	31	Whelen CenCom Core Emergency Light Package Four (4) roof mounted 30 inch light sticks - red & blue 16 Red/Blue perimeter flashers: 6 @ front, 4 @ rear, 3 @ both sides Public Address System: 200W siren with two (2) x 100W speakers Blackout switch to disable exterior lighting Wigwag flashers in headlights	\$10,500
<input type="checkbox"/>	32	Soundoff Signal bluePRINT Emergency Light Package Four roof mounted LED red & blue light sticks+scene lights. FR/RR 26" & Sides 39" 16 red & blue perimeter flashers with scene lights: 6 @ front / 4 @ rear / 3 @ both sides Public Address System: 200W siren with two (2) x 100W speakers Blackout switch to disable exterior lighting Wigwag flashers in headlights	\$9,500
<input type="checkbox"/>	33	Roof mounted traffic light pre-emption strobe (infrared not GPS)	\$3,000
<input type="checkbox"/>	34	Low frequency siren with 2 x external speakers	\$2,500
<input type="checkbox"/>	35	Install customer supplied dashcam	\$1,000
<input checked="" type="checkbox"/>	36	Install customer supplied police radio (delivery to Terradyne & coax cable included)	\$1,350
<input type="checkbox"/>	37	Install customer supplied emergency lighting	\$2,000

<b>Electronic Options</b>			
<input checked="" type="checkbox"/>	38	Intercom system – inside / outside	\$1,500
<input checked="" type="checkbox"/>	39	Battery charger with auto eject receptacle	\$3,400
<input type="checkbox"/>	40	<b>Color Camera:</b> Roof Mounted Pan / Tilt / Zoom color camera CCD PTZ camera, 30x zoom, search light, IR light, lens wiper, joystick controller, dash mounted 9 inch touch screen monitor with 256 GB DVR, 15 inch rear monitor	\$10,000
<input type="checkbox"/>	41	<b>Thermal Sensor:</b> Roof Mounted Pan / Tilt thermal sensor: 320 x 240 thermal sensor with remote control, audible and visual alerts for person & vehicle detection, 9 inch dash mounted touch screen monitor with 256 GB DVR, 15 inch rear monitor	\$10,000
<input type="checkbox"/>	42	<b>Color &amp; Thermal:</b> Pan/Tilt/33x Zoom color camera, thermal sensor (640x512), controller, 9 inch touch screen monitor with 256 GB DVR, 15 inch rear monitor	\$26,000
<input type="checkbox"/>	43	Reverse camera with no monitor (for options 38 - 41)	\$500
<input type="checkbox"/>	44	Reverse camera with 9 inch monitor	\$1,200
<input checked="" type="checkbox"/>	45	Four (4) reverse proximity sensors with audible / visual alert	\$800
<input type="checkbox"/>	46	15 inch ceiling mounted monitor for rear occupants	\$900
<input type="checkbox"/>	47	Front hood mounted view camera	\$750
<input checked="" type="checkbox"/>	48	360 camera system with 10 inch monitor & 2TB DVR	\$3,950
<input type="checkbox"/>	49	Two (2) side mounted surveillance cameras	\$2,000
<input checked="" type="checkbox"/>	50	2,000W AC/DC power inverter	\$1,500
<input type="checkbox"/>	51	Blackout switch to disable all exterior vehicle and emergency lighting	\$1,000
<input checked="" type="checkbox"/>	52	6 USB charging ports - 4 in cab / 8 in rear	\$500
<input type="checkbox"/>	53	Heated windshield	\$1,500
<input checked="" type="checkbox"/>	54	Remote power door locks integrated with key fobs	\$1,000
<b>Interior Options</b>			
<input type="checkbox"/>	55	4-way power adjustable driver and front passenger seats (\$1,650 each)	\$3,300
<input checked="" type="checkbox"/>	56	Two (2) rear facing jump seats	\$2,500
<input checked="" type="checkbox"/>	57	Ceiling mounted AC & heat for rear occupants (engine driven)	\$4,500
<input type="checkbox"/>	58	Independent heater (operates with engine off)	\$6,000
<input type="checkbox"/>	59	Medic Layout Package (TEMS)	\$18,900
<b>Offroad Options</b>			
<input type="checkbox"/>	60	Front bumper mounted 17,500 lb capacity winch	\$3,500
<input type="checkbox"/>	61	17,500 lb winch with front & rear receivers - stored inside vehicle	\$5,000
<input type="checkbox"/>	62	External mount high output air compressor with two quick release couplers	\$5,000
<input checked="" type="checkbox"/>	63	Front differential lock (**Recommended**)	\$3,000
<input type="checkbox"/>	64	Water fording kit - air intake snorkel & differential snorkel vent tubes	\$15,000
<input type="checkbox"/>	65	Raised high-water exhaust tailpipe with protective heat shield	\$4,500
<b>Exterior Options</b>			
<input checked="" type="checkbox"/>	66	Towing package with class IV rear hitch	\$1,500
<input type="checkbox"/>	67	Spare wheel assembly packaged loose (includes runflat)	\$5,500
<input type="checkbox"/>	68	Hutchinson Defense aluminum wheel assemblies (20x11) - set of 4 (\$1,051 each)	\$4,204
<input type="checkbox"/>	69	Hutchinson Defense aluminum spare wheel assembly	\$6,551
<input type="checkbox"/>	70	Paint upgrade from matte/satin finish to base clear finish (clear coat)	\$2,000
<input type="checkbox"/>	71	Line-X coating on rear fenders and bottom half of vertical sides	\$6,000
<input checked="" type="checkbox"/>	72	Dual exterior storage compartments with locking handles	\$3,500
<input type="checkbox"/>	73	Police/Sheriff vehicle subdued reflective graphic decal package	\$1,500
<b>Ford F550 Chassis</b>			
<input checked="" type="checkbox"/>	74	6 piston front brake caliper upgrade - includes HD brake pads	\$5,650
<input checked="" type="checkbox"/>	75	6.7L V8 turbo diesel 330HP / 950 lb-ft torque (4.30 rear LSD)	\$11,120
<b>Training</b>			
<input type="checkbox"/>	76	Tactical Armored Vehicle Operations training by Integrated Tactical Concepts Two days of training at your location for up to 20 students (CA POST approved)	\$18,000
<input type="checkbox"/>	77	FLORIDA Region - two days of Train the Trainer vehicle training Classroom, hands-on, driving drills, tactical scenarios and final evaluation	\$10,000
<input type="checkbox"/>	78	Two days of vehicle familiarity training at your facility by Terradyne staff member	\$5,000

**PRICE & TERMS**

Vehicle Description: GURKHA MPV

Chassis: Ford F550 4x4 (United States specification)

Market Zone: United States

Quantity: One (1)

Price Code: Law Enforcement

Base Vehicle: \$244,096

Optional Upgrades: \$124,220

Subtotal: \$368,316

FSA CPP Vehicle Discount (1.075%): **\$3,959**

Shipping: \$10,480

**Total Cost (USD) \$374,837**

Basis: Ex-works Factory Newmarket Ontario Canada and free of all Canadian duties and/or taxes. (state taxes are the responsibility of the end user)

Lead time: 30 - 32 weeks from receipt of Purchase Order

Shipping: Delivery on a trailer with ramps

Payment Terms: Net 30 days

Validity: 30 Days

FSA CPP Instructions: Please ensure the following verbiage is added to your Purchase Order:  
Florida Sheriffs Association Cooperative Purchasing Program  
Contract: FSA25-VEH23.0, Heavy Trucks and Buses  
Item: 96, Terradyne, Gurkha MPV

**TERRADYNE LIMITED WARRANTY**

Terradyne warrants any items installed, and conversion related to custom workmanship for three (3) years. Any suspected warranty related work must be first be confirmed as being necessary by means of a technical consultation with a representative of TERRADYNE ARMORED VEHICLES INC. Technical consultation regarding any deficiency repairs or malfunctions is available by telephone during our normal business hours Eastern Standard time at 905-895-1010.

Ballistic transparencies are warranted for three (3) years; however the Warranty excludes damage to bullet resistant glass caused by stones, malicious damage, projectiles or other flying objects.

Warranty work to be directly covered by TERRADYNE may be performed locally only after assessment and authorization by TERRADYNE. TERRADYNE shall, upon consultation and approval, make payment for any/all repairs deemed to be of a reasonable nature by the Company.

TERRADYNE does not cover any OEM vehicle parts and components that we have not been modified no performed work on, during the armoring process. Such parts and components are the sole responsibility of the client and the vehicle's Original Equipment Manufacturer.

TERRADYNE assumes no responsibility for damages incurred through vehicle misuse or abuse, negligence, accidental damage, or any unauthorized modifications or alterations made to the vehicle following delivery of the vehicle to the client. Under the terms of this limited warranty, TERRADYNE shall in no way be held liable for any incidental or consequential damages arising from loss of use or loss of time, inconvenience, or commercial loss resulting from the need for warranty work. This warranty covers the repair and/or replacement of warranty related items only, and any non-warranty related additional costs incurred remain the responsibility of the client.

Accessories not directly related to the armoring process (winches, lighting, electrical accessories and components) shall be covered by the warranties of their respective manufacturers and are not included in the warranty coverage provided by this agreement. However, although TERRADYNE does not warrant these items directly in any way, we do agree to offer all reasonable assistance in obtaining service from their companies of origin. Should there be any undue difficulties with obtaining servicing of these accessories; TERRADYNE will also agree to replace them for the client at our current wholesale cost price. The client shall remain responsible for any/all shipping and handling fees or incidental costs associated with the replacement of such items, as well as the aforementioned replacement costs.

**Ford Motor Company Warranty Coverage:**

Powertrain: 5 years / 60,000 miles

Gas engine: 5 years / 60,000 miles

Diesel engine: 5 years / 100,000 miles