

NKANGALA DISTRICT MUNICIPALITY



PROJECT NO. 101848 **SUPPLY, REGISTRATION AND DELIVERY OF (TWO) FIRE RESPONSE** **VEHICLES FOR Dr JS MOROKA FIRE STATION (RE-ADVERT)**

SCOPE OF WORK

Part C3: Scope of work

C3 Scope of work

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Dr JS Moroka Fire Station Fire Response Double Cab Vehicle 4x4

1. BACKGROUND

Fire & rescue services vehicle are required for use of responding to an emergency situation around Dr JS Moroka local municipality. This forms part of the responsibilities of the Fire & rescue service on response and servicing the community.

2. SCOPE OF WORKS

2.1 Fire Response vehicle

This specification provides for the supply and delivery of 4-wheel drive response vehicle. The completed vehicle shall be delivered to Dr JS Moroka Fire Station

In view of the sophistication of the vehicle only single source MIB registered fire body builders shall be considered in this instance. Tenderers are required to provide documentary proof of registration with the tender documents.

Preference will be given to South African Manufacturers.

EQUIPMENT AND ACCESSORIES:

The successful tenderer(s) shall offer a complete vehicle including all the accessories where applicable and shall be responsible to have such items supplied and fitted.

STATUTORY REQUIREMENTS

The vehicle on offer must meet the following statutory requirements:

South African Occupational Health and Safety Act
South African National Road Traffic Act
SANS codes where applicable

MANUALS:

The successful tenderer shall supply with the vehicle manuals for the vehicle as well as the accompanying equipment. The following shall be applicable:

- a) One (1) only operator's manual
- b) One (1) Individual vehicle service book.
- c) One (1) only maintenance manual
- d) One (1) only spare parts manual where applicable

WARRANTY:

Tenderers shall submit full details of their warranty commitments on the vehicles. Tenderers shall also undertake to ensure that satisfactory after sales service and maintenance support is provided. An organogram of the service personnel must be submitted with the tender.

The warranty period shall commence from the official date in service applicable to the vehicle and the minimum warrantee shall be as follows:

SERVICE & WARRANTY

- Service interval - 15 000 km
- Service Maintenance plan - 6 year / 120,000 km
- Warranty - 6 year / 150,000 km

INSPECTION OF VEHICLES:

Provision shall be made for two inspections for two officials namely when the chassis arrives at the plant and the second inspection when the completed vehicle is ready for delivery. This inspection must be at the manufacturing plant of the successful tenderer(s).

CHASSIS AND CAB

DOUBLE CAB

A four-door all steel/metal cab is required. The body shall be waterproof and shall be insulated against heat. The driver's seat shall be adjustable for driver's comfort. The passenger's seat is required for the passenger's side the rear one.

SEATS

All seats shall be upholstered with black leather.

WINDOWS

Install smash and grab tinting on the all the windows with 35% smash and grab plastic

ENGINE

2.488 (2.5) engine displacement litre four (4) cylinder in line diesel engine is required.

Max engine torque, Nm / rpm - 403 / 2000

Drivetrain - 4WD

Max engine power, kW / rpm - 120 / 3600

FUEL

The vehicle shall have 80 litre diesel fuel tanks.

TRANSMISSION

A manual transmission is required with six (6) forward gears.

Number of gears - 6-speed

Gear Box Type - Manual

COMFORT & CONVENIENCE

- Front seat type, separate seat
- Height adjustable driver's seat
- Seat upholstery - Fabric
- 12V outlet inside cabin x 2
- USB Port (USB-Ax3 & USB-Cx1)

- Manual air conditioning
- Rear air vents in centre console
- Power windows with driver auto up/down button
- Remote central locking
- Speed sensing auto door lock

VEHICLE DIMENSIONS

Wheelbase, mm - 3,150
Overhang - Front, mm - 885
Overhang - Rear, mm - 1,225
Track - Front & Rear, mm - 1,570
Min. ground clearance, mm - 221
Approach angle, -32.5
Departure angle, -26.4
Breakover angle, - 23.2

SUSPENSION

The vehicle shall have a heavy duty suspension and shall be fitted with an upgraded suspension ensure added weight carrying capabilities and smoother driving.

TYRES

All tyres shall be of local manufacture in accordance with SABS 1550 & ARP 007. Factory fitted all terrain tyres and 17 INCH alloy mag rims. Full size 17 inch alloy mag spare wheel.

AUDIO & CONNECTIVITY

- Audio - CD, AM/FM, RDS, Bluetooth® connectivity
- Steering wheel audio controls

REPLACEMENT STEEL FRONT BUMPER WITH WINCH AND SPOT LIGHTS

Each vehicle shall be fitted with a heavy duty steel replacement type bumper. The bumper shall have mountings for a winch and spot lights. Two LED spot lights shall be fitted on the bumper. LED spotlights must carry a lifetime warrantee

An electric 3 500-kg winch with at least 27-meter steel cable shall be mounted in the bumper c/w electric control cable.

ADDITIONAL FITTINGS:

Tenderers are requested to include the following fittings in the tender price:

Stainless steel Roll Bar
Rear Underbody protection plate
Front Sump Protection plate

REPLACEMENT OF STEEL REAR BUMPER WITH TOW BAR

Installation of steel rear bumper with a tow bar

ELECTRONIC SIREN AND PA SYSTEM

A 3 tone siren with Hyper, Yelp and auxiliary tones with a hardwired microphone, PA system and speaker shall be provided and mounted in the cab.

EMERGENCY LIGHTING

The apparatus shall have the following emergency lighting for fire services. Lighting shall comply with all aspects of SABS.

LIGHT BAR

One (1) LED light bar shall be mounted on the roof of the vehicle or on the roll bar.

PAINTING

The vehicle shall be painted fire engine red

The following coats of paint shall be applied.

- Two coats of primer
- One coat of universal primer
- Two layers of final coat

White reflective 3M striping shall be fitted to the vehicle. Provision must be made for signwriting and decals to the satisfaction of the client.

KEYS

Two (2) sets of keys shall be supplied for the following:

- Ignition
- Cabin doors

SIGNS AND LABELS

Fire and Rescue services logo on the front doors written Nkangala District Municipality

A vehicle data plate shall be fixed in the door of the vehicle.

Tyre pressure labels shall be placed above all wheels indicating advised tyre pressure.

ACCESSORIES

One (1) each of the following accessories shall be supplied.

- Vehicle hydraulic jack with handle
- Wheel wrench
- Pair of reflective triangles

LOADSPACE DIMENSIONS

- Rear Bed Length - Top, mm - 1,471
- Rear Bed Width - Max., mm - 1,560
- Rear Bed Width between wheel arches, mm - 1,134
- Rear Bed Tailgate Height, front - rear, mm - 493-500

Fitted with soft black tonneau cover.

Load box heavy Duty Rubberizing

MANUALS

The following manuals shall be supplied:

- One (1) x vehicle operator's handbook
- One (1) x operation manual

PROJECT DURATION - 04 months