

SECTION IV
SUI SOUTHERN GAS COMPANY LIMITED
CORROSION CONTROL DEPARTMENT
SCOPE OF WORK

VEHICLE MAINTENANCE & REPAIR-KARACHI SOUTH

Vehicle Maintenance & Repair

- The contractor shall perform complete maintenance, servicing, and repair of the vehicle in accordance with specified technical standards under the supervision and approval of SSGC's representative.
- **Engine Complete Overhauling:** The contractor shall dismantle, inspect, repair, machine (as required), and reassemble the engine, replacing all worn or defective components to restore optimal performance.
- **Suspension (Leaf Spring / "Kamani") Work:** The contractor shall repair, reset, or replace leaf springs and associated suspension components to ensure proper alignment, balance, and load handling.
- **Fuel Pump & Nozzle Service:** The contractor shall service, calibrate, and test the fuel injection pump and injectors to ensure efficient fuel delivery and combustion.
- **Piston Tapping / Servicing:** The contractor shall inspect, repair, machine, or replace pistons and cylinders as required to eliminate abnormal noise and restore efficiency.
- **Piston Ring Set Replacement:** The contractor shall supply and install a complete piston ring set to ensure proper compression and oil control.
- **Valve Set Replacement:** The contractor shall replace or service valves, guides, and seals, including lapping and adjustment, to ensure proper engine operation.
- **Engine Full Kit Installation:** The contractor shall supply and install a complete engine overhaul kit in accordance with OEM specifications.
- **Genuine Gasket Set Installation:** The contractor shall install a genuine gasket set to ensure leak-proof sealing of engine components.
- **Clutch & Pressure Plate Work:** The contractor shall repair or replace the clutch assembly, including pressure plate and release bearing, ensuring proper alignment and operation.
- **Timing Belt Replacement:** The contractor shall supply and install a timing belt with correct alignment and tensioning as per manufacturer requirements.
- **Engine Tubing / Hoses Replacement:** The contractor shall replace all required hoses, pipes, and tubing to ensure leak-free operation.
- **Control Arm Bush Replacement:** The contractor shall supply and install approved quality bushes to ensure proper suspension performance and stability.

General Requirements:

- All parts shall be genuine or OEM-approved. Qualified personnel using appropriate tools and safety practices shall execute work. The vehicle shall be tested and commissioned in the presence of SSGC's representative, and the contractor at no additional cost shall rectify any defects. Site cleanliness and disposal of replaced parts shall be the contractor's responsibility.


FIZA YASEEN
Assistant Engineer
Corrosion Control
Sui Southern Gas Co Ltd


HURRAM SHAIKH
Dy. General Manager
Corrosion Control
Sui Southern Gas Co Ltd

VEHICLE MAINTENANCE & REPAIR- KARACHI SOUTH

BILL OF QUANTITY (BOQ)

Sr. No.	Item	Unit	Qty. (Nos)	Unit Rate (Rs:)	Total (Rs:)
1.	Engine complete overhauling	Job	01		
2.	Suspension work	Job	01		
3.	Fuel pump & nozzle servicing	Job	01		
4.	Piston servicing	Job	01		
5.	Piston ring replacement	Job	01		
6.	Valve set replacement	Job	01		
7.	Engine full kit installation	Job	01		
8.	Gasket set installation	Job	01		
9.	Clutch & pressure plate	Job	01		
10.	Timing belt replacement	Job	01		
11.	Hoses replacement	Job	01		
12.	Control arm bush replacement	Job	01		
13.	Testing & commissioning	Job	01		
TOTAL COST FOR ONE VEHICLE		Rs:			

NOTE: i. The contractor shall provide all parts unless otherwise specified by SSGC.

ii. Each item (Unit Rate & Total) must be quoted separately.

iii. Only approved quality / OEM parts shall be used.

iv. Any additional work required shall be carried out only after approval from SSGC representative.


FIZA YASEEN
Assistant Engineer
Corrosion Control
Sui Southern Gas Co. Ltd


HURRAIN SHAIKE
General Manager
Corrosion Control
Sui Southern Gas Co. Ltd