



नेपाल सरकार
पूर्वाधार विकास मन्त्रालय
सडक विभाग
यान्त्रिक महाशाखा

चक्रपाट, ललितपुर
कार्यालय कोड

पत्र संख्या :- ४।०८३/८४

मिति:- २०८३/०६/०१

चलानी नम्बर :- ६५

विषय :- मुल्य खुलाई पठाईदिने सम्बन्धमा।

श्री सडक विभाग, चक्रपाट को आ.व. ०८३/८४ को लागि आवश्यक पर्ने यसै पत्र साथ संलग्न Initial Draft of Specification अनुसार विभिन्न Equipment हरू खरिद गर्नु पर्ने भएको हुँदा लागत अनुमान तयारी प्रयोजनको लागि Vat बाहेक प्रति इकाई मुल्य खुलाई पठाई दिनु हुन निर्देशानुसार अनुरोध छ।

तपशिल

सि.नं.	सामानको नाम	इकाई	अनुमानित परिणाम	प्रति इकाई मुल्य(भ्याट बाहेक)	जम्मा मुल्य(भ्याट बाहेक)	कैफियत
1	Truck Mounted Sewer Suction and Water Jetting Machine	Pcs	1			
2	Rock Grapple Attachment for Excavator	Pcs	4			
3	Truck Mounted Road vaccum Sweeper	Pcs	4			
4	Mobile Mini Hot Pre-mix Mixer and Bitumen Boiler	Pcs	4			

Note : The supplier must fill the Initial Draft of Specification and submit the manufacturer's standard catalogue. Data missing from the catalogue must be declared in letter from the manufacturer.


दिपक शर्मा
सि.डि.ई

TECHNICAL SPECIFICATION

MOBILE MINI HOT PRE-MIX MIXER and BITUMEN BOILER

Qty:4 units

Mobile Mini Hot Pre-mix mixer

S. N.	CRITERIA	DEPARTMENTAL REQUIREMENT	OFFERED SPECIFICATION
1	General	Mobile Mini Hot Pre-Mix Mixer with integrated bitumen boiler and standard accessories, having production capacity not less than 6-10 ton per hour (TPH), required for production of precoated chips with hot asphalt, and shall be suitable for operation at hilly area and congested city limits in Nepal.	
2	Prime Mover	Water cooled, Diesel engine developing adequate rated net flywheel horse power not less than 40 HP at the governed speed, with self-starting system suitable as prime mover for the full load operation of the equipment and accessories. The battery shall be provided with a metallic cover with lock and key arrangement.	
3.	Transmission	Power from engine to be suitably transmission through PTO clutch and reduction gear fully enclosed in oil tank to run dryer, mixer, bitumen pump and other accessories with suitable drive system and should be easily accessible for maintenance.	
4.	Dryer	Cylindrical rotating aggregate continuous type dryer with necessary (wear resistant) replaceable blades/lifter and to be supported by heavy duty dust proof bearings. Aggregates to be loaded to the dryer by suitable self loading bucket elevator through chutes. Thermometer fitted for measuring the aggregate temperature and also facility to measure percentage volume measurement of bitumen. Bitumen drains cocks for drainage on shut down.	
5.	Heating	Adequate number of atomizing type diesel/kerosene pressurized high efficiency burner with pressure gauge and control valve shall be fitted for heating the aggregates.	
6.	Pug Mixer	Double shaft, paddle type mixer running on bearings fitted into dust proof housing capable of producing uniform mix. Pug mixer is to be fitted with high manganese steel or equally wear resistant steel replaceable paddles. Approximate pug mixer capacity 250 kgs. per batch. Adequate provision for pouring melted bitumen along with appropriate bitumen measuring trough shall be provided.	
7.	Capacity	Maximum Output 6 to 10 Ton per hour Class: Maximum output should not be less than 5 ton per hour at mix temperature 110 °C and feed material moisture content (3 to 7) %.	

TECHNICAL SPECIFICATION

MOBILE MINI HOT PRE-MIX MIXER and BITUMEN BOILER

Qty:4 units

S. N.	CRITERIA	DEPARTMENTAL REQUIREMENT	OFFERED SPECIFICATION
8.	Bitumen System	Manually/ power operated lift hoist for handling bitumen barrels. Bitumen Heating tank capacity not less than 750 liters , with atomizing type diesel pressurized burner capable of maintaining continuous any desired temperature upto 175 °C. Bitumen to be pumped by gear pump with simple control valve and adequate measuring device for mixing with the aggregates and mechanical circulation system shall be provided for circulation during heating.	
9.	Controls	Easily accessible control levers for bitumen valve, pug mixer door. Adequate warning devices and gauges necessary for the quality control of the output and safely operation of the plant.	
10.	Frame & Chassis	The entire unit shall be mounted on sturdy chassis with double axle pneumatic tired wheels with antifriction bearings and a tow bar on the front and a hook at the rear shall be provided for easy transportation. Retractable and adjustable legs necessary for stabilizing and correcting operating position shall be provided at the front and rear. Height and location of discharge end of mixer box should be appropriate to discharge directly on Mini Tipper, Tractor Trailer or Mini Dumper.	
11.	Brake	An over-run brake with positive lock hand operated brake, to hold the unit on a gradient and also to act as a parking brake, is to be fitted.	
13.	Essential Accessories	Following accessories should be supplied with equipment • Bitumen drum lifting device. • Drum opening cutter. • Hand held Thermometer. • Dry powder fire extinguisher. • Hour meter. To be equipped with all accessories offered in standard model but not limited to the above items.	
14.	Instructions	All signs and instructions in the equipment shall be in English .	
15.	Manuals	1. One copy of the Operator's and Owner's Instructions and Maintenance manual in English shall be supplied with each equipment. 2. Five copies of following manuals in English shall be supplied: a) Spare parts catalogue b) Workshop manual	
16.	Tools	A set of tools as required for general maintenance shall be supplied with in a lockable tool box for each unit with provisions made for affixing the toolbox on the machine.	
17	Color	Orange / Construction equipment yellow	

TECHNICAL SPECIFICATION

MOBILE MINI HOT PRE-MIX MIXER and BITUMEN BOILER

Qty:4 units

S. N.	CRITERIA	DEPARTMENTAL REQUIREMENT	OFFERED SPECIFICATION
18.	Proven performance	- The machine offered shall be brand new (Make Year: 2026 or latest) and of a current model under standard production by the manufacturer for at least one year. - The bidder shall provide the manufacturer's data of the performance/ certificates of the unit to include the fuel consumption, performance curve of the engine and production capacity of the unit.	
19.	Warranty	Manufacturer shall provide a minimum of one year warranty after acceptance.	
20.	Marking	Plant shall have an identification plate permanently affixed to it with but not limited to the following information marked - Manufacturer's name or trade-mark - Reference/Serial Number of Plant - Capacity of Plant - Type and Rating of Power Unit - Year of Manufacture	
21.	Delivery	The Mobile Mini Hot Pre-Mix Mixer, 4(four) units shall be delivered to: DOR, Heavy Equipment Division, Kathmandu, NEPAL	

TECHNICAL SPECIFICATION

MOBILE MINI HOT PRE-MIX MIXER and BITUMEN BOILER

Qty:4 units

Bitumen Boiler with Sprayer

4 Units

S.N	DESCRIPTION	DREQUIREMENTS	OFFERED
1	General	Mobile Bitumen Boiler with Sprayer, should have Mild steel heat preservation (insulated) Tank and can be used for long duration.	Make: Model:
2	Engine	Diesel Engine developing Maximum Power Not less than 10 Hp @rated speed	Make: Model
3	Bitumen Tank	Capacity: Not less than 2000 liter Shell Thickness: Not less than 4 mm Insulation: Glasswool with thickness Not less than 50 mm	
4	Spraying System	- Spray bar of length not less than 1500 mm fitted with spraying nozzle in not less than 6 numbers - Minimum 5 m stainless steel corrugated spray pipe for Hot bitumen - Minimum 5 m rubber hose pipe for cold emulsion	
5	Bitumen Pump	Capable of pumping hot bitumen at the flow capacity of not less than 200 lpm.	
6	Air Blower	Minimum 3 HP air blower for burner combustion.	
7	Burner	Direct Heating Through Burner	
8	Cleaning System	Pressure cleaning system by kerosene or diesel	
9	Temprature gauge	Heavy duty type for minimum 0-250 degree centigrade	
10	Warranty	Manufacturer shall provide a minimum of One-year warranty after acceptance.	
11	Training	One day training on operation and maintenance	
12	Manuals	Following manuals in English shall be supplied with each units - Oweners/ operators Manual - Parts Manual - Shop/Maintenance Manual	
13	Delivery	DoR, Heavy Equipment Division, Hetauda, Nepal.	

Notse:

- a) The major items are indicated by bold and highlighted letters/alphabets/figures in the technical specifications. Non-compliance of these major items will result in non-responsiveness of the bid offer as per ITB 31.3.

Bidder's Signature

Date

Technical Specifications

Truck mounted Road vacuum sweeper

4 Units

S. N	CRITERIA	DEPARTMENTAL REQUIREMENT	OFFERED SPECIFICATION
1.	General	Road vacuum sweeper with standard sweeping configuration and suction system mounted on Right hand drive Heavy duty truck suitable for road cleaning operation under urban/city roads during all-weather condition.	
2.	Truck Engine	Water cooled, Diesel engine , developing Maximum Power not less than 180 HP and maximum Torque not less than 600 Nm for (engine fully equipped with accessories) at governed RPM efficient full load operation of truck.	
3.	Performance, Dimension and weight	Gross Vehicle Weight: Not Less than 16000 Kg Maximum Gradeability: Not less than 25 % Ground Clearance: Not less than 200 mm Maximum sweeping width: Not less than 2800 mm Hopper Capacity: Not less than 6.0 cubic meter Water tank Capacity: Not less than 2000 liter Sweeping mode speed with Special gear • Minimum Not less than 3 km/hr • Maximum Not less than 20 km/hr	
4.	Components	Hopper: Reinforced Steel sheet with Hydraulic unloading/tipping via rear/side portion. Vacuum Compartment: With vibration dampers having vacuum fan with flow capacity not less than 5000 cum/hr driven by Auxiliary engine and Customized suction wand for Narrow Trench Cleaning . Sweeping Arrangement: Minimum 4 hydraulically driven brushes arranged symmetrically on both side (2 brushes on each side) between front and rear axle with adjusting arrangements having speed control arrangement on driver's cab. Brushes shall be of polypropylene/nylon with steel reversible core. Wet/Dry Sweeping System: Standard Dust filtration system to sweep dry dust without use of water and switchable to wet mode to clean roads in rainy season Water Sprinkling System: Dust control provision with standard water tank of capacity not less than 2000 liters , water pump and sprinkler nozzles Hand hold water spray with at least 15 m hose installed on automatic winding reel.	
5.	Emission Standard	The emission standard of the offered vehicle must be in compliance with or superior than the prevailing Standard as prescribed by "Nepal Vehicle Mass Emission Standard"-2082 certified by Department of Transport Management.	

Technical Specifications

Truck mounted Road vacuum sweeper

4 Units

S. N	CRITERIA	DEPARTMENTAL REQUIREMENT	OFFERED SPECIFICATION
6.	Gauges	To include water temperature, fuel, oil pressure, transmission and hydraulic gauges as necessary for efficient operation and maintenance.	
7.	Transmission	Manual minimum 6 speed forward and 1 speed backward synchromesh type of transmission	
8.	Tires	Standard Size Front: Single Wheel with tyre Rear: Dual Wheel with tyre.	
9.	Steering	Power assisted or Power Steering	
10.	Brakes	Air brakes on all wheels with mechanical parking brake.	
11.	Hydraulics	Suitable hydraulic system for smooth operation of all attachments	
12.	Cab	Factory built steel enclosed cab with laminated glass windscreen insulated roof, suitably located controls for sweeper collector unit operation, rear view mirror, cabin light, wiper and adjustable cushioned seat for operator shall be provided	
13.	Essential Accessories	Following accessories should be supplied with equipment a) Head light, tail and rear light and turn b) Signals, Cabin lights. c) Front and rear two hooks. d) Heavy duty front bumper. e) Spare wheel with tire and tubes. f) Hydraulic jack with handle. g) Seat belt for driver and co-driver. h) CCD (Charge-Coupled Device) cameras, one on sweeping head and 2nd at rear of machine should be provided to monitor sweeping and ensuring safe reversing of machine. i) Light to be provided on side brushes, sweeping head & at rear of the machine Reflector and blinker at rear of machine for safety at night work. To be equipped with all accessories offered in standard model but not limited to the above items.	
14.	Auxiliary Engine	Water cooled, Diesel engine , developing Maximum Power not less than 100 HP at governed RPM for efficient full load operation with electrical starting system	

Technical Specifications

Truck mounted Road vacuum sweeper

4 Units

S. N	CRITERIA	DEPARTMENTAL REQUIREMENT	OFFERED SPECIFICATION
15.	Sweeper Collector's Control unit	Operation and control system of sweeper collector to be mounted inside operators' cabin. Following Control units should be provided for smooth, safe and comfortable operation of collector unit: • Auxiliary Engine control unit • Suction fan drive control unit • Brush operation and control unit • Sweeping head and brush position control unit • Sweeping/Travelling mode Selector • Debris collection and hopper tipping system • Dust filter cleaning System • Water Spray • Equipment Light • Emergency Stop • Auxiliary Engine Gauges To be fitted with all necessary controls for efficient operation and maintenance	
16.	Tipping System	Hydraulic system with side or rear door	
17.	Instructions	All signs and instructions in the equipment shall be in English	
18.	Manuals	One copy each of following manuals in Hard Copy in English language shall be supplied with the equipment during the delivery a) Operator's and Owner's Instructions and Maintenance manual b) Spare parts manual c) Comprehensive workshop manual	
19.	Tools	A set of tools including hydraulic jack with handle as required for general maintenance of sweeper collector machine shall be supplied with in a lockable tool box for each unit	
20.	Color	Construction equipment yellow / Orange	
21.	Proven Performance	1. The machine offered shall be a current model (Make year: 2026 or Latest) under standard production by the manufacturer for at least one year. 2. The bidder shall provide the manufacturer's data of the performance of the unit to include the fuel consumption, performance curve of the engine and production capacity of the unit.	
22.	Warranty	Manufacturer shall provide a minimum of one year warranty after acceptance of goods.	

Technical Specifications

Truck mounted Road vacuum sweeper

4 Units

S. N	CRITERIA	DEPARTMENTAL REQUIREMENT	OFFERED SPECIFICATION
23.	Delivery	Truck mounted Road Vacuum Sweeper, 4 units shall be delivered to following places in Nepal: DoR, Heavy Equipment Division, Kathmandu, Nepal	

Note:

The major items are indicated by bold and highlighted letters/alphabets/figures in the technical specifications. Non-compliance of these major items will result in non-responsiveness of the bid offer as per ITB 31.3.

S. N.	CRITERIA	DEPARTMENTAL REQUIREMENT
1.	Related Service	<i>The supplier shall arrange and conduct training by the experts/ engineers (who possess adequate knowledge and skill acquired through involvement in or exposure under manufacturer's authorized company with the supplied equipment) for five concerned engineers/operators of the Department of Roads, in operation, maintenance and/or repair of the equipment supplied after delivery at site for Two (2 days) in Nepal. The training content should cover all the necessary topics in operation, repair/ maintenance both in theoretical and practical aspects essential to optimum use and proper repair/ maintenance of the supplied equipment that must include but not limited to following topics</i> i. General introduction and machine features. ii. Familiarization with Components iii. Operating system and safety features. iv. Various Applications v. Special attachment, versatile features vi. Productivity vii. Servicing/ Schedule maintenance viii. Engine system ix. Power train system x. Hydraulic system xi. Brake system xii. Cooling system xiii. Electric system xiv. Control system xv. Trouble shooting and diagnosis

Technical Specifications

Truck Mounted Sewer Suction and Water Jetting Machine Specifications of Equipment

Qty: 1 unit

S. N.	Particular	Requirements	Bidders offer
1.	General	Sewer Suction and Water Jetting Machine mounted on the RHD Heavy Duty Truck Chassis with individual steel sewer suction tank and water jetting tank for cleaning choked sewer, deep sewer lines, stagnant manholes and other ancillary structures, removing obstruction, soluble grease, sand and other material from sewer and storm water system.	Make: Model: C/O:
2.	Engine	Water cooled, Diesel engine , developing Maximum Power not less than 180 HP and maximum Torque not less than 600 Nm (engine fully equipped with accessories) at governed RPM for efficient full load operation of truck.	Make: Model: C/O:
3.	Performance and Upper body parameter	Gross Vehicle Weight: Not Less than 16000 Kg Maximum Gradeability: Not less than 25 % Minimum Ground Clearance: Not less than 200 mm	
		Water Tank Capacity: Not less than 5000 Liters Sludge Tank Capacity: Not less than 2000 Liters Tank Material Thickness: Not less than 5 mm Steel Sheet	
4.	Cab	Factory built steel enclosed cab with laminated glass windscreen insulated roof, suitably located controls for sewer suction and water jetting operation, rear view mirror, cabin light, wiper and adjustable cushioned seat for operator shall be provided.	
5.	Components	Water Tank: Steel tank with corrosion resistant paint and arrangements for overhead filling and suction filling, including but not limited to following accessories. • Anti-surge baffle plates • Water level indicator • Removable Suction line strainer • Accessible Ladder • Necessary Openings for inspection and access • Drainage Provision with standard valve. • Side rack to store hose pipes • Suction Hose with strainer; size not less than 75mm diameter and 15-meter length. Sewer Tank: Steel tank with corrosion resistant paint including but not limited to following accessories. • Self-contained level gauge of transparent pipes • Compound Gauge • Hydraulically operated rear door with locking function • Sewer Discharge arrangement with hose, quick-coupling devices, valve and fittings • Suction hose of length not less than 10 m with quick-coupling devices, valve and fittings • Float cut-out valve	

Technical Specifications

Truck Mounted Sewer Suction and Water Jetting Machine

Qty: 1 unit

S. N.	Particular	Requirements	Bidders offer
		Water Pump: Pump with maximum pressure rating not less than 20 MPA and maximum flow rate capacity not less than 160 LPM driven by truck powered PTO and incorporated with suitable controls to enable the pressure and flow to be regulated. Sewer Pump: Suitable Vacuum pump able to suck slurry consisting grit and other solid materials from suction depth not less than 5 meters including standard safety system for overflow, negative pressure and positive pressure. Suction Arm/Loading Arm: Fully counter balanced arm of length not less than 1000 mm installed which is easy to maneuver by hand/remote up to 270 degrees with ability to lower and lift the arm for loading the sewer. Jetting Hose and Nozzle: A special high pressure sewer hose with inside diameter not less than 19 mm and to withstand 1.5 times maximum pressure generated by pump, suitably braided to be supplied in single length not less than 60 meters with proper adaptor, end coupling to suit variety of nozzles and valve arrangement. Washing/ Hand Hose with spray gun: High quality hoses and spray guns having rotating nozzle which can withstand 1.5 times maximum pressure generated by pump. It shall be made up of quality material and workmanship to withstand generated shocks without distortion during repeated winding/unwinding and corrosive/abrasive action of sewer/grit/sand. Hose Reel: The hose reel shall be designed to hold minimum 100 meters long hose. The reel shall be driven by hydraulic power in both directions, either while the high-pressure pump is in operation or otherwise. Manual rewind crank shall be provided for emergency operation.	Water Pump Make: Model: C/O: Sewer Pump Make: Model: C/O:
6.	Instrument And Control Unit	Equipment shall include but not limited to following gauges, switches, levers as required for smooth operation of sewer suction and water jetting unit: • Water system Pressure gauge • Operating controls for jetting hose • Operating controls for washing line • Operating controls for hose reel rotation and speed • Water level indicator • Low water level safety switch	
7.	Emission Standard	The Emission Standard of the vehicle should be "Vehicle Mass Emission Standard" of Nepal 2082, which is to be certified by Department of Transport Management, Nepal.	
8.	Gauges	To include water temperature, fuel, oil pressure, transmission gauge etc. as necessary for efficient operation and maintenance, etc.	
9.	Transmission	Manual shift at least 6 forward and 1 reverse	
10.	Axles	Two Axles Front: Steel I section Rear: Heavy duty, fully floating or equivalent.	

Technical Specifications

Truck Mounted Sewer Suction and Water Jetting Machine

Qty: 1 unit

S. N.	Particular	Requirements	Bidders offer
11.	Suspension	Front: Heavy duty Semi Elliptical leaf springs with shock absorbers or equally suitable type. Rear: Semi Elliptical multi leaf springs or equally suitable type.	
12.	Tires	Standard Size Front: Single Wheel with tyre Rear: Dual Wheel with tyre	
13.	Brakes	Full S-Cam Brakes, and mechanical parking brake or equivalent	
14.	Hydraulics	Suitable hydraulic system for smooth operation of all attachments	
15.	Instructions	All signs and instructions in the equipment shall be English.	
16.	Essential accessories	1) Head light, tail and rear light, reversing light, and turn signals. 2) Cabin lights, 3) Speedometer / Odometer. 4) One Spare wheel with tire and tube. 5) Jack and handle. 6) Seat belt for driver and co-driver. 7) Primary shut off valve for vacuum pump 8) Rotating Beacon 9) Secondary shut off valve preventing water / slurry entering into the pump 10) Pressure relief valve to safeguard tanks, vacuum pumps from excess pressure. 11) Quick coupling devices as required 12) Sludge trap between air pump and tank to prevent solid particle entering the pump To be equipped with all accessories offered in standard model but not limited to the above items.	
17.	Manuals	One copy each of following manuals in Hard Copy in English language shall be supplied with the equipment during the delivery a) Operator's and Owner's Instructions and Maintenance manual b) Spare parts manual c) Comprehensive workshop manual	
18.	Proven Performance	1. The machine offered shall be brand new (Make Year: 2026 or Latest) and current model under standard production by the manufacturer for at least one year. 2. The bidder shall provide the manufacturer's data of the performance of the unit to include the fuel consumption, performance curve of the engine and production capacity of the unit.	
19.	Warranty	Manufacturer shall provide a minimum of One-year warranty after acceptance.	
20.	Delivery	Truck mounted Sewer Suction and Water Jetting Machine shall be delivered to DOR, HED Kathmandu.	

Technical Specifications

Truck Mounted Sewer Suction and Water Jetting Machine Specifications of Related Services

Qty: 1 unit

S.N.	Related Services Detail	Requirements	Bidder's Offer
1.	Training	The supplier shall arrange and conduct training by the experts/ engineers (who possess adequate knowledge and skill acquired through involvement in or exposure under manufacturer's authorized company with the supplied equipment) for five concerned engineers/ operators/ mechanics of the Department of Roads (or concerned authorities), in operation, maintenance and/or repair of the equipment supplied after delivery at site for two days in Nepal. The training content should cover all the necessary topics in operation, repair/ maintenance both in theoretical and practical aspects essential to optimum use and proper repair/ maintenance of the supplied equipment that must include but not limited to following topics 1. General introduction and machine failure 2. Familiarization with components 3. Operation system and safety features 4. Servicing/schedule maintenance 5. Engine system 6. Power train system 7. Hydraulic system 8. Brakes system 9. Cooling system 10. Electric and control system 11. Trouble shooting and diagnosis	

Technical Specifications

Rock Grapple Attachment for Excavator

4 Units

S. N.	DESCREPTION	REQUIREMENTS	OFFERED
1.	General	Heavy Duty Hydraulic Rotating Rock/Stone Grapple suitable for being an attachment on 20-22 Ton Class excavator for gripping, lifting, sorting, loading and placking rock, boulders, concrete blocks and other bulky scraps.	Make: Model:
2.	Performance	Attachment Weight: In the range of 1200-1650kg Maximum Jaw Opening: Not less than 2000 mm	
3.	Hydraulic System	- Fitted with Hydraulic Motor of suitable capacity for continuos 360 degrees rotation on both clockwise and anticlockwise direction and provision for rotation brake/anti-inertia valve. Minimum Auxiliary Oil flow capacity: Not less than 100 l/min Rated working Pressure: Not less than 160 bar	
4.	Structure and Material	- Main body and jaws fabricated from high-strength wear-resistant steel of suitable grade. - Grapple teeth of hardened alloy steel with suitable gripping profile and replaceable bolt-on or pin-on tips Number of Fingers: Not less than 5 (at least 2 on one side)	
5.	Fitment and Fitting Kit	The grapple shall be provided with bracket, pins and bushes along with hydraulic hoses, solenoid valve, cab-mounted control switch and wiring harness if and whether required for installation.	
6.	Proven Performance	The grapple offered shall be brand new (Make Year: 2026 or Latest) and current model under standard production by the manufacturer for at least one year	
7.	Warranty	Manufacturer shall provide a minimum of One-year warranty after acceptance.	
8.	Training	One day training on operation and maintenance	
9.	Manuals	Following manuals in English shall be supplied with each units - Owners/ operators Manual - Parts Manual - Shop/Maintenance Manual	
10.	Delivery	DoR, Heavy Equipment Division, Kathmandu, Nepal.	

Note: The major items are indicated by bold and highlighted letters/alphabets/figures in the technical specifications.

Bidder's Signature

Date