



Surat Municipal Corporation

Fire & Emergency Services

Head Quarter, Muglisara, Surat : 395003

Phone : 0261-2423751-56 Control room : 24141495-96, Fax : 2451935 Mo.9724345553

To,

DT. 06/05/2026

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Sub: Quotation for Diesel Protable Fire Pump 275 ltrs/min 02 Nos.

Dear Sir/Madam,

Sealed quotation is hereby invited for Diesel Protable Fire Pump 275 ltrs/min 02 Nos. by meeting the below mentioned minimum requirements.

1. GENERAL REQUIREMENTS: -

The unit shall consist of a pump having an output not less than 275 ltrs/min at a pressure of 4.5 Kgf/cm² at 3-meter suction lift. Maximum discharge not less than 500 LPM at NTP conditions. Unit have an internal combustion engine and the complete unit shall be mounted on a tubular steel cradle.

2. SPECIAL FEATURES:

The pump unit shall conform to IS-942 and CE marked. It shall have diesel engine fitted with lightweight aluminium centrifugal pump of Firefly make, having one 75 mm male round threaded suction inlet and one 63 mm instantaneous female delivery outlet. Material of construction of the pump shall be light aluminium alloy (Volute, Impeller, Delivery outlet, valve etc). Primer should be Exhaust ejector type and capable of priming from not less than 5 meters suction height in not more than 45 seconds. Complete dry weight of the unit shall not more than 80 kg (without fuel, oil and battery). Overall dimensions shall not be more than L-580 x W - 525 x H - 560 mm

3. ENGINE:

3.1 Engine shall be of reputed make vertical type, single cylinder, air cooled, four stroke high speed diesel engine and not more than 9 HP power at 3600 RPM. It shall have sufficient power to give the required output. The engine shall be electric start with 12-volt battery provided with a well-designed hand starting back up device of the recoil rope type. The engine shall be fitted with generator/alternator for charging 12-volt battery. 3.2 The engine fuel tank shall have the capacity to allow running of pump for minimum 02 hours continuously at the rated output. It shall be provided with an opening of size not less than 35 mm in diameter (min. located at a suitable position for easy refilling and checking of contents. 3.3 The engine exhaust shall be arranged in such a way to provide discharge away from the pump operating position.

4. PUMP:

4.1 Pump shall be single stage centrifugal type directly mounted on the extension of engine crank shaft. The pump shall be designed to have easy access to the impeller with the outer face carrying suction/ delivery, priming devices etc. Pump shall be fitted with a self-adjusting mechanical seal. A

drain plug shall be provided at the bottom of the pump casing /volute. The pump suction shall be of 75 mm with round threads (see IS 902). The delivery shall be fitted with 01 number of instantaneous couplings (see IS 903) with screw down valves. The pump suction and delivery outlet shall be provided with blank caps.

4.2 The impeller shall be dynamically balanced and the pump shall be hydraulically tested at 1.5 times of the rated pressure output for a period of two minutes.

4.3 The pump shall be tested for its performance duties with all internal and external strainers fitted at suction lift of 3 mtrs. at NTP conditions. Allowances as mentioned in the IS 942 shall be applicable. Endurance test for two (2) hours shall be conducted at 275 ltrs/min, and at a pressure of 4.5 kgf/cm² with 3-meter suction lift.

5. PRIMER

Primer should be capable of lifting water from a depth of 5.0 mtrs in 45 seconds. The primer shall be exhaust gas ejector type operated by the priming lever.

6. CONTROL PANAL

The control panel shall include the following:-

- A) Throttle control – Speed control
- B) Primer control (lever)
- C) Main ON / OFF switch
- D) Compound gauge
- E) Engine Start
- F) Engine stopping
- G) Movable Flood light

The above controls and gauges shall be grouped conveniently and the panel shall be mounted adjacent to pump suction/delivery.

7. FRAME

It shall be fitted with heavy duty frame made up of Stainless steel tubes & shall have 4 Numbers (02 forward and 02 rear) lifting handle capable of folding in side when not in use.

8. WORKMANSHIP AND FINISH

All part of the unit shall have good workmanship.

9. INSTRUCTION BOOK AND EQUIPMENT

Instruction book including both operating and normal maintenance procedures shall be provided for the guidance of the user. The book shall include itemized and illustrated spare parts giving reference numbers of all the parts.

10. EQUIPMENTS

The following equipment shall be provided along with the pump unit:

- a) 75 mm suction hose 4.5 m length with 75 mm suction hose SS coupling -02 Nos.
- b) Suction wrenches for 75 mm suction hose coupling-02 Nos.
- c) Metal strainer for 75 mm suction hose -01 No
- d) Basket strainer suitable for 75 mm suction hose-01 No
- e) Tool Kit-01 No

11. MARKING

Pump unit shall be clearly and permanently marked with the following information:

- a) Manufacturer's name and trade name.
- b) The output capacity of pump in Ltrs/min.
- c) Weight of the pump set.
- d) Year of manufacturing.
- e) Serial nos. type of engine and pump.

Note:

- 1) Bidder has to accept the delivery period of 45 days from the PO date unconditionally.
- 2) Only Indian manufacturing units having testing facility at their work place will only be considered.
- 3) Manufacturer should have test /evaluation facilities as per standards including deep lift testing facility.
- 4) The engine coupled to the fire pump as per the details mentioned in technical specifications. No Chinese engines acceptable.
- 5) The bidder has to submit documentary evidence (Purchase order copies) against the supply of minimum 50 nos of 275 LPM @ 4.5 bar portable fire pump with 9 HP engine during last three financial years.

TERMS & CONDITIONS:

1. Quotation once offered shall not be withdrawn by Vendor.
2. Quotation once accepted shall be binding to the Vendor/Contractor.
3. The rates quoted must include all taxes, duties/ levies, GST (Goods and Service Taxes) freight, insurance, transportation, delivery, and Loading unloading at the site etc.
4. Right to accept any or to reject any or all the Quotation or reduced the scope of work without assigning any reason there of is reserved by the competent authority of Surat Municipal Corporation, Surat.
5. Quotation to whom the award is made must enter into agreement and other formalities on Rs. 300 Stamp Paper.
6. While Calculating total amount, quantity to be taken into consideration will be the

quantity executed and not the quantity put to quotation.

7. Payment will be made after successful completion of work, and it may take at least 1-month time to complete the process of Payment subject to fulfillment of entire document related criteria required by the Account/ Audit department of SMC.
8. Firm who have not registered party code in SMC, may also apply for the said work subjected they have to generate the party code of the payment purpose by submitting required documents.
9. 02% SD (Security Deposit) of total contract value shall be submitted in form of DD by contractor within 15 days after awarding the contract. Failure to this tends to SD delay penalty 0.065% of SD amount per day.
10. Quotations received after due date will not be considered.
11. Quotations sent by post or courier of services or in person are preferable.
12. The contractor will submit the invoice to the SMC having GSTIN of SMC mentioned therein and the taxes shall be shown separately on the face of the invoice to claim as ITC by SMC.
13. Sealed envelope should bear on top: " Quotation for providing Diesel Portable Fire Pump 275 ltrs/min 02 Nos"
14. Quotation must be sent in sealed cover on or before 16/05/2026 up to 18:00 hrs to the below mentioned office:

Chief Fire Officer
Fire & Emergency Services
2nd floor, Mugalisara Fire St.,
Gordhandas chokhawala marg, Mugalsarai,
Surat. 395002.

FES/Outward No./491
Date:06 /05/2026

-Sd-
Chief Fire Officer
Fire and Emergency Services
Surat Municipal Corporation