OFFICE OF THE ADMINISTRATOR OF BARASAT MUNICIPALITY

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Memo No. 1744 / BM / G.store / 2026-27 Date: 27/11/2026

NIQ

SEALED quotations are invited for reliable, bonafide and resourceful dealer/supplier/Transporter distributor/Trader for the Unit rate of **5HP Shallow Pump (Specification Attached)** for Barasat Municipality.

All quotations should be submitted on or before 03/12/2026 up to **2.00 pm**. in the Establishment section of the Municipality and received tender will be opened on same date at 3.00 pm. Opening date may be changed due to some unforeseen reason, if arises.

No conditional quotation will be accepted. Rate should be including all taxes. The authority reserve the right to accept or reject the quotations/ or all tender process without information or any further notice.

Administrator
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5.0 HP Water Cooled (CPW5)Specifications

Light weight, Easy portability, Optimal Fuel efficiency Application

Fill in the form below and let us know your requirements.

Pumpsets, Aquaculture, Firepumps , High pressure washers

No.	Item	Technical Data
1	Method of Cooling	Water
2	No. of Cylinder	1
3	Rated Power - B. H. P. / Kw	5.0 / 3.7
4	Bore (mm)	76.0
5	Stroke (mm)	76.0
6	Rated R. P. M.	2200
7	Swept Volume (CC)	345
8	Compression Ratio	16.7:1
9	Bearing Type	TRB
10	Method of Starting	Cold Starting with the help of Starting Handle
11	Engine Rotation	Standard Rotation Clockwise facing Flywheel
12	Governor Type / Class	Centrifugal / B1 Class
13	Fuel Oil	High Speed Diesel (Sp. Gr. 0.82 / 0. 84)
14	Fuel Tank Capacity	3.75 Lts.
15	Fuel Injection Timing by Spill Cut Off Method	28° BTDC
16	Fuel Injection Equipment	MICO make Nozzle Holder 9 430 032 155 Bosch Pump 9 410 031 021 Injection Release Pressure 190 / 210 kg / cm2
17	Sp. Fuel Consumption gms / bhp - hr	177
18	Sp. Fuel Consumption gms / Kwhr	240
19	Fuel Filter Type / Capacity (Lts.)	Paper Type (Replaceable) / 0.2
20	Bumping Clearance (mm)	1.00 - 1.10
21	Valve Tappet Clearance Inlet (mm)	0.20
22	Valve Tappet Clearance Exhaust (mm)	0.25
23	Air Clearaner	Oil Bath Washable Type
24	Silencer	Muffler Type
25	Lubrication System	Plunger Pump
26	Lub. Oil Sump Capacity (Lts.)	1.300
27	Lub. Oil Strainer	Perforated Tin Sheet Washable Type
28	Lub. Oil Grade	Temp 5° C & Below - SAE 10 Temp 5° C to 34° C- SAE 30 Temp 34° C & Above - SAE 40
29	Crank Shaft Height (mm)	150
30	Foundation Bolt Spacing (mm)	225 x 120
31	Engine Net Weight (kg)	73

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32	Engine Gross Weight (kg)	110
33	Overall Dimensions (L x W x H)	430 x 400 x 635
34	Overall Packing Dimensions (L x W xH) (mm)	572 x 521 x 705

1	Pump Size (mm)	80 x 65
2	Head Range (mts.)	15.2 to 20.9
3	Duty Point Head (mts.)	19.0
	Discharge (lps)	12.0
4	Efficiency (%) 68.0	
5	Pump Set Net Weight (kg)	110.0
6	Pump Set Gross Weight (kg)	185.0
7	Overall Packing Dimensions (L x W x H) (mm)	927 x 470 x 743

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