



OIL AND NATURAL GAS CORPORATION LIMITED
Office of I/C Electrical Projects
Head Engineering Services (HES)

Comparison of Pumps							
SR No	Particulars	JEE Pumps	Neelkanth Traders	Sardhara Engine Manufacturers			
1	OEM Authorization Certificate	Submitted	Submitted	Submitted			
2	MSME Certificate (UDYAM Registration)	Submitted (UDYAM - GJ-01-0046756)	Submitted (UDYAM - GJ-01-0080033)	Submitted (UDYAM - GJ-20-0013882)			
3	Supporting doc for EMD Exemption	Requested	Requested	Requested			
4	1 HP Submersible Pump set with 85 meter Cable	Not Quoted	Not Quoted	Quoted			
5	2 HP Submersible Pump set with 85 meter Cable	Not Quoted	Quoted	Quoted			
6	3 HP Submersible Pump set with 85 meter Cable	Not Quoted	Quoted	Quoted			
7	5 HP Monoblock Pump set with skid	Quoted	Not Quoted	Quoted			
8	7.5 HP Monoblock Pump set with skid	Quoted	Not Quoted	Quoted			
9	10 HP Monoblock Pump set with skid	Quoted	Not Quoted	Quoted			
10	20 HP Monoblock Pump set with skid	Quoted	Not Quoted	Quoted			
11	MAKE	JEE	KSB / Lubi / Kirloskar / CG / Havells or as approved by EIC	CHETAK			
TECHNICAL SPECIFICATIONS							
FOR 1 HP SUBMERSIBLE PUMP SET WITH 85 METER CABLE							
i	Working Voltage	Not Quoted	Not Quoted (Technically Rejected)	Not Quoted	Not Quoted (Technically Rejected)	415 V AC +/- 10%	Technically Accepted
ii	Working Frequency	Not Quoted		Not Quoted		50 Hz	
iii	RPM	Not Quoted		Not Quoted		2820 TO 2950	
iv	Ingress Protection (IP)	Not Quoted		Not Quoted		68	
v	Working Duty	Not Quoted		Not Quoted		Continuous	
vi	Insulation Class	Not Quoted		Not Quoted		F	
vii	Discharge Head	Not Quoted		Not Quoted		40 LPM at 60 mtr	
viii	Stage	Not Quoted		Not Quoted		16 stage (+/- 2)	
ix	Suitable Bore Dia	Not Quoted		Not Quoted		100 mm	
FOR 2 HP SUBMERSIBLE PUMP SET WITH 85 METER CABLE							
i	Working Voltage	Not Quoted	Not Quoted (Technically Rejected)	415 V AC +/- 10%	Technically Accepted	415 V AC +/- 10%	Technically Accepted
ii	Working Frequency	Not Quoted		50 Hz		50 Hz	
iii	RPM	Not Quoted		2820 TO 2950		2820 TO 2950	
iv	Ingress Protection (IP)	Not Quoted		68		68	
v	Working Duty	Not Quoted		Continuous		Continuous	
vi	Insulation Class	Not Quoted		F		F	
vii	Discharge Head	Not Quoted		55 LPM at 60 mtr		55 LPM at 60 mtr	
viii	Stage	Not Quoted		16 stage (+/- 2)		16 stage (+/- 2)	
ix	Suitable Bore Dia	Not Quoted		100 mm		100 mm	
FOR 3 HP SUBMERSIBLE PUMP SET WITH 85 METER CABLE							
i	Working Voltage	Not Quoted	Not Quoted (Technically Rejected)	415 V AC +/- 10%	Technically Accepted	415 V AC +/- 10%	Technically Accepted
ii	Working Frequency	Not Quoted		50 Hz		50 Hz	
iii	RPM	Not Quoted		2820 TO 2950		2820 TO 2950	
iv	Ingress Protection (IP)	Not Quoted		68		68	
v	Working Duty	Not Quoted		Continuous		Continuous	
vi	Insulation Class	Not Quoted		F		F	
vii	Discharge Head	Not Quoted		70 LPM at 60 mtr		70 LPM at 60 mtr	
viii	Stage	Not Quoted		20 stage (+/- 2)		20 stage (+/- 2)	
ix	Suitable Bore Dia	Not Quoted		100 mm		100 mm	

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FOR 5 HP MONOBLOCK PUMP SET WITH FOUNDATION SKID				
i	Working Voltage	415 V AC +/- 10%	Not Quoted	415 V AC +/- 10%
ii	Working Frequency	50 Hz	Not Quoted	50 Hz
iii	RPM	2820 TO 2950	Not Quoted	2820 TO 2950
iv	Ingress Protection (IP)	55	Not Quoted	55
v	Ambient Temperature	50° C	Not Quoted	50° C
vi	Working Duty	Continuous	Not Quoted	Continuous
vii	Insulation Class	F or B	Not Quoted	F or B
viii	Discharge Head	440 LPM at 35 mtr	Not Quoted	440 LPM at 35 mtr
FOR 7.5 HP MONOBLOCK PUMP SET WITH FOUNDATION SKID				
i	Working Voltage	415 V AC +/- 10%	Not Quoted	415 V AC +/- 10%
ii	Working Frequency	50 Hz	Not Quoted	50 Hz
iii	RPM	2820 TO 2950	Not Quoted	2820 TO 2950
iv	Ingress Protection (IP)	55	Not Quoted	55
v	Ambient Temperature	50° C	Not Quoted	50° C
vi	Working Duty	Continuous	Not Quoted	Continuous
vii	Insulation Class	F	Not Quoted	F
viii	Discharge Head	550 LPM at 40 mtr	Not Quoted	550 LPM at 40 mtr
FOR 10 HP MONOBLOCK PUMP SET WITH FOUNDATION SKID				
i	Working Voltage	415 V AC +/- 10%	Not Quoted	415 V AC +/- 10%
ii	Working Frequency	50 Hz	Not Quoted	50 Hz
iii	RPM	2820 TO 2950	Not Quoted	2820 TO 2950
iv	Ingress Protection (IP)	55	Not Quoted	55
v	Ambient Temperature	50° C	Not Quoted	50° C
vi	Working Duty	Continuous	Not Quoted	Continuous
vii	Insulation Class	F	Not Quoted	F
viii	Discharge Head	725 LPM at 44 mtr	Not Quoted	725 LPM at 44 mtr
FOR 20 HP MONOBLOCK PUMP SET WITH FOUNDATION SKID				
i	Working Voltage	415 V AC +/- 10%	Not Quoted	415 V AC +/- 10%
ii	Working Frequency	50 Hz	Not Quoted	50 Hz
iii	RPM	2820 TO 2950	Not Quoted	2820 TO 2950
iv	Ingress Protection (IP)	55	Not Quoted	55
v	Ambient Temperature	50° C	Not Quoted	50° C
vi	Working Duty	Continuous	Not Quoted	Continuous
vii	Insulation Class	F	Not Quoted	F
viii	Discharge Head	1100 LPM at 50 mtr	Not Quoted	1100 LPM at 50 mtr

*Note : - All pumps quoted by bidders are as per our requirements.

Haseeb

HASEEB SHAH
SE (Elec)
I/C Electrical Project (HES)

हसीब शाह / HASEEB SHAH
अधीक्षण अभियंता (विद्युत)
Suptdg. Engr. (Elect.)
परिचालनी अभियंता दोगी, ओएनजीसी, वडोदरा-९
WON Basin, ONGC, Vadodra-9