

## **Technical Specification for Enquiry No. E-7120507**

1. SELF PRIMING DEISEL OPERATED MUD / SEWERAGE PUMP 5HP. AS PER DETAIL SPECIFICATION NO.BHEL/FCX/PUMP/01 (R)ENCLOSED.
  - A. **QUALIFYING CRITERIA:-** Offer of manufacturer & their Authorised Dealers/Distributors of above/offered make shall be accepted only. In case of Dealers/Distributors, authorisation certificate must be submitted along with offer.
  - B. **Qty:** 01 No.
  - C. **Delivery Required in Nov-13**
  - D. Erection & Commissioning is not required.
  - E. PBG/CEBG/EMD is not required for above item.

E 7120507

**Diesel Operated TROLLY MOUNTED Pump 5 H.P (TECHNICAL SPECIFICATION )**  
**Specification no BHEL/JHS/FCX/PUMP/01 ( R1)**  
**PI no 637120062 dt 4/12/2012**

S.No.	ITEM DESCRIPTION/ DETAILED REQUIRED	
1	Head	12 Meters (min)
2	Capacity	25 KL/hr (min)
3	Casing and impeller	Cast iron
4	Shaft	Carbon steel
5	Oil seal	Water tight
6	Type cooled	Water/AIR
7	kW : approx	3.7
8	BHP : approx	5
9	Speed (RPM)	1500 aprox
10	Bore (mm)	80
11	Fuel Tank Capacity (liter)	6.5 (min)
12	Sleeve	Brass/Bronze
13	Impeller	Cast Iron
14	Pipe Size : 100X100 mm approx	Mentioned
15	Moving Trolley	M S fabricated, vendor to specify for detail
16	Efficiency	65 % (min)
17	Pump set Dimensions	Vendor to specify
18	Pump set Weight	Vendor to specify
19	Diesel engine	Make & model
20	Detail of suitable trolley	Vendor to specify
21	Fuel Consumption (g/kWh)	Vendor to specify
22	Pump Coupling: Graded Cast Iron	Vendor to specify
23	Governor	Vendor to specify
24	Starting	Hand start and suitable for attachment for battery start ( detail and separate Rate must be given by vendor )
Make-KIRLOSKAR/TATA/BHARAT SHAKTI/CATER PILLER/BOTLIBOY ONLY		

Offer of manufacture and their Authorised Dealers/Distributors of above/offered make shall be accepted only. In case of dealers/distributors. Please submit their authorisation certificate along with their offer .

*K.D. Gupta*  
K.D.Gupta  
Dy Mgr- FCX

*30-8-2013*

*Saurav Kokaria*  
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Engineer- FCX