

Horizontal Centrifugal ETP RECYCLE WATER pump with motor, base & accessories

Duty : To pump water from storage pond to Industrial water pond

Suction : Flooded.(Tank level fluctuates from 2.0 m to 0.5 m).

Delivery : OPEN

Capacity : 180 m³/hr.

T.D.H. : 40 mtr.(Shut head shall be 50 mtrs.)

Temperature : Ambient.

PH : 8.0 to 10.0

Gland Arrangement : Dry gland with centrifugal sealing.

M.O.C. : Preferably Cast Steel for all wetted parts.
Shaft should be SS-316.

Speed : 1440RPM pump is accepted.(2900 rpm is not acceptable)

Karthik

The offer must be submitted in the given format

Pump model & type offered	-	
Speed of the pump	-	
Suction & discharge (mm)		
Type of drive (direct coupled)	-	
Type & make of coupling	-	Fenner/ Unique only
Capacity offered (m ³ /hr)	-	
Head Offered (m)	-	
NPSH required	-	
BKW required	-	
Motor offered make & rating	-	
Impeller type & diameter offered	-	
Full size of impeller offered	-	
Drive end bearing No.	-	
Non drive end bearing No.	-	
Shaft diameter at impeller end	-	
Distance between NDE bearing and impeller	-	
Distance between bearings (NDE & DE)	-	
Weight of bare pump (Kgs.)	-	
Weight of structural base (Kgs.)	-	
Weight of motor (Kgs.)	-	
Type of lubrication offered	-	
Material of construction of		
a) Casing	-	
b) Impeller	-	
c) shaft	-	
d) shaft sleeve	-	
Gland sealing arrangement / mechanical seal	-	
Pressure & flow of gland sealing water required	-	
Efficiency of pump		

Shyam Sundar

Offer must contain the following details.

1. Material of construction of parts clearly.
2. Weight of pump, structure & base separately.
3. Detail constructional drawing/ sectional drawing of pump with details of bearing fitted along with leaflets.
4. G.A. drawing of pumps & motor with dimensions.
5. Dimension of pump base and associated structure.
6. Characteristics curve containing impeller size, type of impeller, head, efficiency, power, NPSH(R) etc.
7. The pump should be supplied with heavy duty bearing for continuous service.
8. V-belt drive is not acceptable. Base should be structurally fabricated. Cast base is not acceptable.
9. Bifurcation of price of pump, motor, base & accessories must be given because order may be placed for full set or part thereof. Taxes, duties, P & F charges should be mentioned clearly.
10. Offer without the aforesaid details will be rejected outrightly and no further communication will be entertained.
11. Pump must be guaranteed against any kind of manufacturing defects or poor workmanship for one year from the date of commissioning or 18 months from the date of receipt, whichever is earlier.
12. Guarantee certificate of the pump must be attached with the dispatch documents.