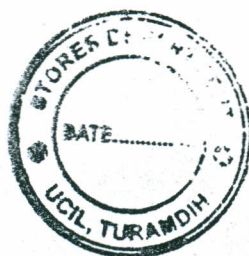


Water booster pump for ETP area with motor, base, coupling etc.-

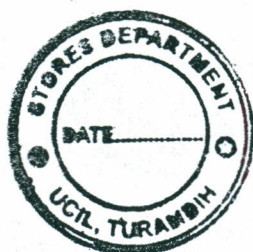
Duty	:	To pump industrial water from suction header having line pressure of 1.2-2.0 kg/cm ² to boost its pressure to 6.0 kg/cm ² .
Suction	:	From industrial water header at 1.5 to 2.0 kg/cm ² .
Delivery	:	4" discharge line with branch lines to various pumps for gland sealing.
Capacity	:	35 m ³ /hr
T.D.H.	:	40 mtr.
Gland Arrangement	:	Dry gland/centrifugal sealing preferred.
Impeller	:	Preferably semi-open.
Speed	:	Preferably 2900 RPM
Motor	:	2900 RPM only (Make : Bharat Bijlee/ Kirloskar/ABB)



[Handwritten signature]

The offer must be submitted in the given format

Pump model & type offered	-	
Speed of the pump	-	
Suction & discharge (mm)		
Type of drive (V belt or direct coupled)	-	
Type & make of coupling	-	
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		



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 pump & 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. All the pumps should be supplied with heavy duty bearing for continuous service.
8. V-belt drive is not acceptable. Coupling should be of tyre coupling type only of UNIQUE/FENNER MAKE. 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 warranted 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. Warranty certificate of the pump must be attached with the despatch documents.

