

ANNEXURE-1

Horizontal Centrifugal Industrial water pump

1. Duty : To transfer industrial water
2. Capacity : 185 m³/hr.
3. T.D.H. : 35 meter.
4. Temperature : Ambient
5. MOC
 - a) Impeller : CI (Closed)
 - b) Casing : CI
 - c) Shaft : EN 24
5. Driving mechanism : Motor directly coupled with pump (preferably tyre coupling)
7. Type of Impeller : Preferably threaded mounting on shaft
8. Bearing Type : Heavy Duty life long packed grease bearing
9. Pump Make : KSB, Investa, ~~Kirloskar~~ **CRI**

June

Enclosure-1

The offer must contain the following details

1. Material of construction of all parts.
2. Weight of pump, structure & base separately.
3. Details constructional drawing/sectional drawing of pump with details of bearing end along with leaflets.
4. G.A drawing of pump & motor with dimension.
5. Dimension of pump base and associated structure.
6. Characteristic curve containing impeller size, type of impeller, head, efficiency and power etc.
7. All the pump should be supplied with heavy duty bearing of continuous service.
8. 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 changes should be mentioned clearly.
9. Offer must contain details of guarantee period of performance of pump.
10. Bank guarantee of amount equivalent to 5% of the value of the order valid for performance guarantee period will have to be submitted before the release of full payment.

Ami
18/10/16

Annexure-1

FORMAT

The offer must be submitted in the given format

1.Pump to be offered		
2.Discharge(mm)		
3.Capacity offered(m ³ /hr)		
4.Head offered(m)		
5.BKW required		
6.Efficiency of pump		
7.Impeller type and diameter offered		
8. DE & NDE bearing no.		
9.Shaft diameter at impeller end		
10.Distance between NDE bearing & impeller		
11. Distance between DE & NDE bearings.		
12.Type of bearing lubrication		
13.Weight of bare pump(Kgs)		
14. Speed of Pump		
15.Material of construction		
a) Impeller		
b) Casing		
c) Shaft		
d) Gland arrangement		
16.Type of impeller mounting on shaft		

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