

Abstract

Name of work : Overhauling, dismantling, removing, reconditioning, repalcing damaged bearing ,refitting and recretion of oil cooled V.T pump no.1 3 & 6 at Dagadwadi LIS Dist Buldhana during 2026-27

S.N	Description of work	Qty	Rate Rs.	Amt. Rs.
A	H.T Motor - 225 KW			
	Job work of refitting of motor of V.T.pump as per manufacturers manual & refitting it on pump with alignment with all tools, tackles & sundry material Motor of V.T pump no.1 3 & 6	3	no 3436	10308
B	V.T. Pump - Coloumn Pipe Ø 400 mm			
	Job work of repairing & replacing damaged parts of V.T. Pumps as per manufacturers instruction manual with all tools,tackles etc. This job includes labour charges,consumables like O - ring, shims, gland packing, sundry cleaning material etc. This job includes dismantling of all sub assemblies such as cooling pipes, bearing housing, stuffing box, discharge tee,muff couplings, shafts, column pipes, bowl assembly,bell mouth, strainer etc. Reconditioning of all parts, inspection of all parts as per instructions of concerned authority (spares & motor removing cost excluded) straightening of shafts & refitting of all parts & sub assemblies with motor proper alignment. test & trial for 72 hrs. etc complete .V.T pump no.1 3 & 6	3	no 79129	237387
C	Flat Flange gasket - delivery & Coloumn Pipe Ø 400 mm , V.T pump no.1 3 & 6			
	Providing flat flange rubber Gasket			
	For col pipe 400 mm dia	33	no 566	18678
D	for discharge tee & del pipe joint dia. 400 mm	3	no 566	1698
	TBH Bearing replacement , V.T pump no.1 3 & 6			
D	Job work of replacement of damaged thrust bearing of V.T. pumps as per manufacturers instruction manual with all tools, tackles, consumables such as gland packing etc . This job includes dismatling of bearing housing assembly, reconditioning of all parts, refitting bearing housing assembly, motor with alignment test & trial for 72 hrs complete (Bearing & motor removing cost excluded)	3	no 13542	40626
	Deep groove ball Bearing no.16024 V.T pump no.1 3 & 6	3	no 17363	52089
	Providing & Supplying grade 68 Oil for TBH V.T pump no.1 3 & 6	12	lit 153	1836
	Providing and Applying anticorrosive coal tar black(IS290-1961) paint in two Coat including surface preparation ,chipping the welding, cleaning spatters ,dust etc complete as directed .Coloumn pipe Ø 400 mm inner surface & shaft enclosing tube Ø 100 mm inner & outer surface and Bowl assembly outer surface .Col Pipe Dia 0.4 m ,Lenght - 12.5 mtr ,Shaft Tube - 0.1 mtr ,Lenght - 12 mtr,Bowl Assmly Dia.0.5 mtr,Lenght 1.5 mtr. V.T pump no.1 3 & 6	78.69	m2 348.53	27426
F	Transportation:-			
	Distance from Dagadwadi LIS to nearest district Jalna & back for 1 trip by truck of 7.5 Ton capacity = 120 km for 2 trip 240 km			
	Transportation cost	240	km 53	12720
	Total			402767.83
	Adding GST @ 18 %			72498.21
	Grand Total			475266

(Rs.Four Lakh Seventy Five Thousand Five Hundred Sixty Six Only)

Estimate prepared by

Est. Checked by

(D.M.Murkute)
Sect. Engrg.

Estimate No. 40

DIK206-24 Dt. 18/07/26

Issued for Rs. 4,75,266

Four Lakh Seventy Five

Thousand Five hundred sixty six only.

S. Nirkhe
Deputy Engineer
Gate Mfg. & Erection Sub Div No.1
Akola

403044.00

72547.92

475266.00