

Name of Work **SERVICING OF 11 KV 525 KW ELECTRIC MOTOR NO.06 TYPE DKRJS 45/9-6 & P/F BEARING FOR KSB PUMP TYPE (SNW 600-720) INSTALLED AT K-III NEK.**

Item No.	Qty.	Description of Item to be Executed at Site	Rate		Unit	Amount in Rupees
			Amount (in Figures)	Amount (in Words)		
1.	01 Job	Isolate the power supply then dismantle the 11KV525 KW electric driven motor from foundation complete I all respect as per direction of E/I. <u>Scope of work as under:-</u> *Removal of heat exchanger system completely. *Removal of three Nos. terminal box (RTD) bearing upper/lower & RTD heating. *Removal of main connection box.			Job	
2.	01 Job	Over hauling of 11KV 525 KW Electric Motor. <u>Scope of work as under:-</u> *Removal of coupling from motor shaft. *Initial testing and dismantling of Motor. *Washing/Cleaning of winding with Special Cleaning agent (CTC). *Drying winding at 75 C temperature *Testing of winding before Impregnation of. *Impregnation of winding with class F varnish insulation and drying. *Complete checking & balancing of rotor after decarbonise. *Drying heating of motor and rotor. *Decarbonising and cleaning of all three phase connection lead of motor. *Decarbonising and cleaning of all three rotor lead i/c re-taping H.T class tape both ends points (06 Pains) heaving length 6" each. *Cleaning and replacement of L.T panel connector for motor heater. *Assembly of all parts i/c rotor motor etc. *Cleaning & painting of all parts *Static testing and painting of complete motor *Witness testing at site on (NON LOAD) & Operation.			Job	
3.	01 Job	Repairing and reconditioning & polishing of bearing housing (upper side) heaving 1 st o.d 315mm, 2 nd o.d 250mm i.d 100mm depth 140mm complete in all respect & as per direction of E/I.			Job	
4.	01 Job	Repair & reconditioning and polishing of lower bearing housing o.d 250mm i.d 150mm and depth 75mm complete in all respect and as per direction of E/I.				
5.	01No.	Providing & fixing of bearing No.NU1024 ML in SKF brand			Each	