

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	<p>Isolate the power supply then dismantle the 11KV525 KW electric driven motor from foundation complete I all respect as per direction of E/I.</p> <p>Scope of work as under:-</p> <ul style="list-style-type: none"> *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	<p>Over hauling of 11KV 525 KW Electric Motor.</p> <p>Scope of work as under:-</p> <ul style="list-style-type: none"> *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 Poin) 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	<p>Repairing and reconditioning & polishing of bearing housing (upper side) heaving 1st o.d 315mm, 2nd o.d 250mm i.d 100mm depth 140mm complete in all respect & as per direction of E/I.</p>			Job	
4.	01 Job	<p>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.</p>				
5.	01No.	<p>Providing & fixing of bearing No.NU1024 ML in SKF brand</p>			Each	