

**Schedule of Quantities.**

Name of Work: " Repairs/Rewinding of Motors up to 600 KW, Transformers, Submersible Pumps, Ceiling Fans, , Welding Generator Sets & Portable tools etc. at NFL Bathinda".					
Estimate for NIT No. NFB/E-363/MOTORS/2024-26 for Two year period					
Sr. No.	DESCRIPTION	UNIT	Qty. A	Rate (Rs.) Without GST B	Amount (Rs.) AXB
1	<b>Rewinding of complete motor as per details given in the scope of work at Sr. No.1 for the following ratings.</b>				
a)	Up to 1 KW rating	No.	24		
b)	Above 1 KW but up to 2.2 KW	No.	10		
c)	Above 2.2 KW but up to 5 KW	No.	4		
d)	Above 5 KW but up to 10 KW	No.	6		
e)	Above 10 KW but up to 15 KW	No.	6		
f)	Above 15 KW but up to 25 KW	No.	4		
g)	Above 25 KW but up to 37 KW	No.	2		
h) i	Above 37 KW but up to 55 KW	No.	4		
h) ii	-Do- but ID fan 55KW/750 rpm	No.	4		
i)	Above 55 KW but up to 75KW	No.	4		
j)	Above 75 KW but up to 110KW	No.	2		
k)	Above 110 KW but up to 160KW	No.	2		
2	<b>Partial repairing of motor winding as per details contained in the scope of work as at Sr. No. 2 for the following ratings:</b>				
a)	Upto 1 KW	No.	12		
b)	Above 1 KW but upto 2.2 KW	No.	6		
c)	Above 2.2 KW but upto 5 KW	No.	2		
d)	Above 5 KW but upto 10 KW	No.	4		
e)	Above 10 KW but upto 15 KW	No.	4		
f)	Above 15 KW but upto 25 KW	No.	2		
g)	Above 25 KW but upto 37 KW	No.	4		
h)i	Above 37 KW but upto 55 KW	No.	2		
h)ii	-do- but ID fan 55 KW/750 rpm	No.	6		
i)	Above 55KW but up to 75KW	No.	2		
j)	Above 75KW but up to 110KW	No.	2		
k)	Above 110KW but up to 160KW	No.	2		
l)	Above 160 KW but up to 600 KW	No.	4		

**नेशनल फर्टिलाइजर्स लिमिटेड, बठिंडा-151003**

विद्युत विभाग

Ref. No. NFB/E-363/MOTOR/2024-26

Dated: 08.04.2024

**Name of the Work: Repairs/Rewinding of Motors up to 600 KW, Transformers, Submersible pumps, Ceiling fans, Welding generators Sets, Portable tools etc. for the year 2024-26 at NFL Bathinda.**

3	<b>Rewinding of control Transformers &amp; Coils as per details contained in scope of work as at Sr. No. 3 for the followings:</b>				
a)	Control Transformers up to 250VA	No.	4		
b)	-do- but above 250VA but up to 500VA	No.	2		
c)	Coils of Brake of Cranes	No.	2		
d)	-do- of ACB, MOCB etc	No.	6		
4	<b>Repairs of submersible Pumps</b>				
a)	Complete repairs of submersible pumps as defined in Scope of work at Sr. No. 4 (a)	No.	14		
b)	Partial repairs of submersible pumps as defined in Scope of work at Sr. No. 4 (b)	No.	4		
5	Rewinding of ceiling fan of any make and size as defined in Scope of Work at Sr. No. 5	No.	22		
6	<b>Rewinding of exhaust/ pedestal/ bracket fans of any size as defined in Scope of Work at Sr. No. 6 of following sizes: -</b>				
a)	Up to & including 12" Sweep	No.	6		
b)	Above 12 " but up to & including 18"	No.	24		
c)	Above 18" but up to & including 24" Sweep	No.	4		
7	Repair of Ceiling/ Exhaust/ Pedestal / Bracket fans	No.	26		
8	Repainting of ceiling/ Exhaust/ Pedestal/ Bracket fans as defined in Scope of work at Sr. No. 8.	No.	40		
9	Fabrication of new Rotor Shaft for ceiling/ Exhaust/ Pedestal/ Bracket fans as defined in Scope of work at Sr. No. 9.	No.	4		
10	<b>Repairs of Welding Generator Set of any make &amp; size as defined in Scope of work at Sr. No. 10.</b>				
a)	Rewinding of Motor or Generator portion	No.	2		
b)	Repairing of Leads of Motor or Generator portion	No.	2		
c)	Misc. repairs of Welding Generator Set as defined in Scope of work	No.	4		
11	Repairs of Portable Power Tools as defined in Scope of work at Sr. No. 11	No.	6		
12	Repair of reflector type single/ double rod room heaters on unit rate basis by repairing/ replacing heater rod, insulator, wiring etc. as required as per instructions of Engineer in charge.	No.	100		

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13	<b>Repair of hot air blowers/ hot plates of any make by way of repairing/ replacing of defective items (Switch, Element, Motor, Blower wheel, Thermostat) as detailed below as per instructions of Engineer in charge.</b>				
a)	By replacing only one item	No.	48		
b)	By replacing two or more item in one equipment	No.	82		
c)	Replacement/rectification of wiring	No.	2		
14	<b>Repair of geysers of any capacity and by way of repairing/ replacing of defective items (Heating Element, Thermostat, gasket) as detailed below as per instructions of Engineer in charge.</b>				
a)	By replacing one item	No.	4		
b)	By replacing two or more items in one equipment	No.	4		
15	Repair of electric kettle/ replacement of heating element	No.	2		
16	<b>Dismantling and assembling of complete motor as per details given in the scope of work at Sr. No. 16 for the following ratings.</b>				
a)	Above 55KW but up to 75KW	No.	6		
b)	Above 75KW but up to 110KW	No.	6		
c)	Above 110KW but up to 160KW	No.	4		
d)	Above 160 KW but up to 600 KW	No.	4		
17	<b>Repair/Replacement of HT Motor Coil from 160 KW and upto 600 KW</b>				
a)	for First Coil	Per Coil	2		
b)	for Successive Coil	Per Coil	2		
18	<b>Re-staggering job of Stator</b>				
(a)	Up to 37 KW	No.	2		
(b)	above 37 KW but up to 75 KW	No.	4		
(c)	above 75 KW but up to 160 KW	No.	2		
	<b>Grand Total</b>				
	Plus GST as Applicable				
	Grand total with GST				

(Amount in Words \_\_\_\_\_ )