

ANNEXURE-A

SN.	DESCRIPTION	QUANTITY
1.	Tool box	1 No.
2.	D/E Spanner required sizes	1 set
3.	Grease gun	1 no.
4.	Oil Can	1 no.
5.	Screw Driver of required sizes	1 set
6.	Nose Plier	1 no.
7.	Insulated Plier	1 no.
8.	Hammer 2 lbs.	1 no.
9.	Allen key required sizes	1 set
10.	Hydraulic Jack	1 no.
		Total

Note: The above items shall be supplied alongwith the crane.

मडल यंत्रिक अभि (डीज)
Divl. Mech. Engineer (Diesel)
पू. सी. रेलवे, सिलीगुड़ी जं.
N F Rlv. Siliguri Jn

प्रवर अनुभाग अभियन्ता (डीजल)
SSE/MXP
Sr. Section Engineer (Diesel)
पू. सी. रेलवे, सिलीगुड़ी जं.
N. F. Railway, Siliguri Jn.

SN.	DESCRIPTION	Particulars (Qty. per nos)
1.	Fixed and moving contact lips for contactors	1 no. of each size
2.	For contactors coils	1 set consisting of 3 nos. of each size 1 set
3.	Overload relays	1 set of each size (applicable for non VVFD crane)
4.	Timers	1 No. of each size (applicable for non VVFD crane)
5.	Carbon brushes	2 sets of each size (applicable for non VVFD crane)
6.	Carbon brush holders	1 set of each size (applicable for non VVFD crane)
7.	Limit switches	1 set of M.H. - 1 no rotary + 1 no. Gravity). 1 set of A.H - 1 no rotary + 1 no. gravity 1 set of CT - 1 no. 1 set of LT - 1 no.
8.	Current collectors	2 sets / 8 nos.
9.	MCB	1 set of each size
10.	Thrustors	1 no. of each size / 1 no.
11.	Brake liners with rivets	1 pair of each size / 3 pairs
12.	Main spring for thrustor brakes used on crane	1 no. of each size / 3 nos.
13.	Brakes shoes complete with lining	1 pair of each size / 3 pairs
14.	Oil seals for gear cases	1for each size of Gear box & geared coupling on the crane
15.	Spare card for VVVF Drive for all drives viz. MH, AH, LT & CT	1no. of each (4 nos.)
16.	A set comprising of 2 nos. of each Long travel and cross travel motion in wheel in assembled condition with Axle bearing housing.	1set of 2 nos. each (4 nos.)
17.	Any other items considered essential (ref.cl.1.4)	NA

Total cost:

Note: The above items shall be supplied along with the crane.

मंडल यंत्रिक अभियन्ता (डीजल)
Divl. Mech. Engineer (Diesel)
पु. सी. रेलवे, सिलीगुड़ी जं.
N F Ry. Siliguri Jn

प्रवर अनुभाग अभियन्ता (डीजल)
Sr. Section Engineer (Diesel)
पु. सी. रेलवे, सिलीगुड़ी जं.
N. F. Railway, Siliguri Jn.

ANNEXURE - C

SN	Item	Cap.	Length	Qty.
1	Lifting tackle as per drawing no. B/ELS/BZA/07	65T	---	2 nos.
1.	Four legged wire rope slings with 'O' ring at one end and hooks at other end.	65T	3.0M	2 nos.
	Four legged wire rope slings with 'O' ring at one end and hooks at other ends as per Drg. B/TRS/CRN/2/31	28T	3.0M	1 no.
	Four legged chain slings with 'O' ring at one end and hooks at other ends as per Drg. N/TRS/CRN/4/65	12T	2.6M	1 no.
2.	Two legged chain slings with 'O' ring at one end and hooks at other ends as per Drg. B/TRS/CRN/3/40	1.5T	3.1M	1 no.
Total cost				

Note: The above items shall be supplied along with the crane.

मडल यात्रिक अभि (डीजल)
Divl. Mech. Engineer (Diesel)
पू. सी. रेलवे, सिलीगुड़ी,
N F Rlv. Siliguri Jn

मडल के लिए मडल के लिए
30/10/13

Arjun
SSE/MUP

प्रवर अनुभाग अभियन्ता (डीजल)
Sr. Section Engineer (Diesel)
पु. सी. रेलवे, सिलीगुड़ी जं
N. F. Railway, Siliguri Jn.