

Departmental Estimate towards repair work involving (a) rescue of machine from mines to pit office (b) collection of old and serviceable boom foot eyes from Urimari OCP and (c) replacement of boom foot eyes in L&T CK300 excavator sl.no. 644

Sl. No.	Description	Quantity (kg/no.)	Rate (Rs.)	Amount (Rs.)
A.	Rescue of machine from mines to pit office:			
1.	Oxygen Gas	06 Nos.	650.00	3900.00
2.	DA Gas	03 Nos.	1900.00	5700.00
3.	Gauging electrode for gauging of cracked portion and cutting of bush for temporary welding (Electrode – Lotharm 802 or equivalent)	16 kg	600.00	9600.00
4.	Suitable steel electrode for temporary welding of bushing and ribs. (Electrode- Lomelt 205 or equivalent)	32 kg	2760.00	88320.00
5.	Charges for tools and tackles	04 days	2000.00	8000.00
6.	Welding machine hiring charges	04 days	400.00	1600.00
7.	Supervisor: 01 person X 05 days	05 attend.	938.00	4690.00
8.	Fitter: 02 person X 05 days	10 attend.	805.00	8050.00
9.	Welder: 02 person X 05 days	10 attend.	805.00	8050.00
10.	Helper: 03 person X 05 days	15 attend.	541.00	8115.00
Sub Total A				146025.00
B.	<u>Collection of old and serviceable boom foot eyes from Urimari OCP:</u>			
1.	Oxygen Gas	04 No.	650.00	2600.00
2.	DA Gas	02 Nos.	1900.00	3800.00
3.	Gauging electrode for gauging of base portion of eyes (Electrode – Lotharm 802 or equivalent)	30 kg	600.00	18000.00
4.	Transportation charges for tool tackles and material from Jharkhand OCP to Urimari OCP	02 days	3000.00	6000.00

5.	Welding machine hiring charges	02 days	400.00	800.00
6.	Tools and tackles charges	02 days	2000.00	4000.00
7.	Supervisor: 01 person X 02 days	02 attend.	938.00	1876.00
8.	Fitter: 01 person X 02 days	02 attend.	805.00	1610.00
9.	Welder: 01 person X 02 days	02 attend.	805.00	1610.00
10.	Helper: 01 person X 02 days	02 attend.	541.00	1082.00
Sub Total B				41378.00
(c)	<u>Replacement of boom foot eyes:</u>			
1.	Oxygen Gas	06 Nos.	650.00	3900.00
2.	DA Gas	03 Nos.	1900.00	5700.00
3.	Gauging electrode for gauging of temporary welding and cracked portions (Electrode – Lothorn 802 or equivalent)	32 kg	600.00	19200.00
4.	Suitable steel electrode for temporary welding of bushing and ribs. (Electrode-Lomelt 205)	65 kg	2760.00	179400.00
5.	Grinding stone for surfacing	06 Nos.	650.00	3900.00
6.	Line boring charges for eyes of boom foot and boom cylinders (05 Set)	05 set	3000.00	15000.00
7.	Welding machine hiring charges	10 days	400.00	4000.00
8.	Charges for tools and tackles	10 days	2000.00	20000.00
9.	Supervisor: 01 person X 10 days	10 attend.	938.00	9380.00
10.	Fitter: 02 person X 10 days	20 attend.	805.00	16100.00
11.	Welder: 02 person X 10 days	20 attend.	805.00	16100.00
12.	Helper: 03 person X 10 days	30 attend.	541.00	16230.00
Sub Total C				308910.00
Total (Sub Total A + Sub Total B + Sub Total C)				496313.00

Contractor's Profit @10%	49631.30
Total estimated cost	545944.30
GST @ 18% of total estimated cost	98269.97
GRAND TOTAL	644214.27
Round Off	644214.00

PE (X)
Jharkhand OCP

Dy. Manager (X)
Jharkhand OCP