

Departmental Estimate for Repairing of (a). Cracked front wall, its lips and eyes of back wall of bucket assembly and (b) cracked and bended dipper door, latch bar and latch keeper of bucket of
EKG Shovel Sl. No. 592 of Jharkhand OCP

Sl. No.	Description	Quantity	Rate (Rs.)	Amount (Rs.)
A.	Repair of front wall, its lips and eyes of back wall of bucket assembly :			
1.	Gas set for cutting, heating and straightening of support plate	03 nos.		
2.	Cutting electrode for gauging of cracked portion and bulged portion	28 Kg.		
3.	Suitable steel electrode for material filling and welding in front wall and lip. (Electrode- Lomelt- 205)	48 Kg.		
4.	Grinding stone for surfacing	06 Nos.		
5.	Replacement of bushing (110 X 90 X 80mm)	04 Nos.		
6.	Replacement of bushing (110 X 90 X 75mm)	10 Nos.		
7.	Supervisor: 01 person X 06 days	06 attend		
8.	Fitter: 01 person X 06 days	06 attend		
9.	Welder: 02 person X 06 days	12 attend		
10.	Helper: 03 person X 06 days	18 attend		
Sub Total (A)				
B.	Repair of dipper door, Latch bar and latch keeper of bucket			
1.	Gas set for cutting, heating and straightening of support plate	02 Set.		
2.	Cutting electrode for gauging of cracked portion and bulged portion from dipper door, latch bar and latch keeper	22 Kg.		
3.	Suitable steel electrode for material filling and welding dipper door, latch bar and latch keeper. (Electrode- Lomelt- 205)	40 Kg.		
4.	Supervisor: 01 person X 05 days	05 attend		
5.	Fitter: 01 person X 05 days	05 attend.		
6.	Welder: 02 person X 05 days	10 attend.		
7.	Helper: 03 person X 05 days	15 attend		
Sub Total (B)				
Total (A+B)				
Contractor's Profit@ 10%				
Total estimated cost				
GST @ 18% of total cost				
GRAND TOTAL				
Round Off				