

Name of Work:- Replacement of old oil with filtration of new oil, Inspection , maintenance and repair of power pack unit , Inspection , maintenance and repair of hudraulic cylinder unit , Inspection & cleanng of control panel , Supplying of New hydraulic cylinder and new power pack unit , By back rate for existing hydraulic oil.

Name of Project:- Goshikhurd National Project Wahi Paoni Distt.- Bhandara

Name of Site Incharge:- 1) Dy. Fr. Shri M. F. Bhalave Contact No.- 9730714510

2) Astt. Fr. Shri A. K. Zade Contact No.- 8600085598

	Description	Qty	Unit	Rate Rs./Unit	Amount
1	<p>Replacement of old oil with filtration of New Hyd. Oil from power pack reservoir.</p> <p>Rate is included with buy back rate for existing hudraulic oil of power pack unit having app.-99000 lit.</p> <p>Details - i) SAE-68 mineral based Hyd. Oil ii) Standard Viscosity ranges20 to 100 mm²/sec iii) Temerature Ranges..... 0 to 80°C iv) NAS value range upto range6 to 7 v) Moisture Content Limit Upto500Mg/Kg vi) Total Number of Power Pack = 33 Nos vii) Total Number of Cylinders = 66 Nos. viii) One Power Pack Tank Capacity = 2400 Lit ix) One Hydraulic Cylinder = 300 Lit x) NAS Value Confirms ISO 4406 KL21/18/15 to class 9 of the standard NAS 1638. xi) This work includes repalcement of suction filter, return line filter, Air Breather, Magnetic Flot Switch and Pressure Switch with Pressure Gauges.</p> <p>a) Filter b) Return Filter c) Air Breather.....700mm Displacement, 40micron capacity hyda.</p> <p>d) Magnetic Float Switch - RIPA 50-09/L = 950 L = 850 A. e) Pressure Switch - I2 = 80A SDN = 102 f) Pressure Gauge = 0 to 400 Bar (RIPA 50 - 14/ LBPC) g) Level Indicator - 127/M10 - Viton.</p>	99000 lit.	01 lit		

2	Inspection , Maintenance and Repair of Power Pack Unit Details - i) Complete cleaning of Power Pack Unit. ii) Attending the Minor Leakages iii) Tightening of Fixtures, etc. iv) Inspection and maintenance of Motor pump , valves, measuring instruments and allied parts of Power pack System Unit.	33 Power pack	01 No.		
3	Inspection , Maintenance and repair of Hydraulic Cylinder Unit Details - i) Thoroughly inspection of hydraulic cylinder with necessary instruments and replacement of worn out consumable items. ii) Inspection of incoming and return pipeline of hydraulic cylinder system with necessary instruments. iii) attending minor leakages. iv) Tightening and replacement of fixtures and hoses.	66 No.	01 No.		
4	Inspection & Thorough cleaning of control panel and its installed electrical equipment's like switches, power transformer, MCB'S, power ON/OFF indicators, push Buttons, Cables wiring	33 No	01 No.		
5	Supplying of New hydraulic cylinder of hoisting capacity 140 MT 1) Dia. Of cylinder-390 mm, stroke- 8640 mm 2) Operating pressure-180 bar. 3) Test pressure-270 bar from external source 4) Area of piston-1194.59 cm ² 5) Area of rod-226.98 cm ² 6) Force for Lifting-1400 KN/Cylinder 7) Force of Lowering- By own wt. 8) Velocity for Lifting-0.23 mtr/min 9) Velocity for lowering-0.19 mtr/min 10) Time for Lifting-38min 11) Time for Lowering-46 min with oil	01	No		
6	Complete assembly of New power pack Unit having 3000 lit oil (SAE68) capacity with oil		01 No		

The sealed budgetary offer has to send by sealed envelope or to office email id before Dt. 18.04.2022 upto 17 PM

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