

Sr.No.	Description	Unit	Rate
Design manufacturing, supply, transportation, erection & commissioning of hydraulic hoisting arrangement for Tiları interstate project - service gate of size <b>downstream service gate of size 3.50 X 3.50 meter (Bonnet type gate)</b> with test & trial of service gate including material, labour, other material, sundry material, machinery charges, handling, design charges etc. complete job at site of tillari saddal dam konalkatta .			
(Note - All hoisting components should confirm with relevant Indian standards)			
<b>A</b>	<b>Item no.1</b> complete design with preparation of drawings of	1 Job	
1	Double acting push pull type vertical cylinder & piston arrangement having lifting cap 50 MT + 5MT for boost capacity stroke 3600 mm, speed of 0.5 Mtr/min. with start and close time cushioning hardware, base plate etc. complete job at site.		
2	Connecting rod, coupling & all related parts		
3	General layout of hoisting arrangement		
	(The data of civil construction & layout which is to be consider for design of hoisting arrangement is available in this office on working days & office hours)		
<b>B</b>	<b>Item no.2</b> Manufacturing & Supply of;	1 Job	
1	Hoisting arrangement with supporting structure for hoisting arrangement including base frame with double acting push pull type vertical cylinder & piston arrangement having lifting cap. 50 MT+5MT for boost capacity, stroke 3600 mm, speed of 0.5 mtr/min. with start & close time cushioning hardware, base plate etc. The system should have provisions to take care of creep of the gate, hand pump for operating the gate in case of power failure, dampening effect towards the end of closing stroke.	1 Job	
2	Supporting structure for hoisting arrangement including base frame.	1 Job	
3	Hydraulic power pack system with base frame, oil reservoir tank, supply of required quantity of recommended hydraulic oil suitable for the operation of hydraulic system, requisite electric motor & pump with one standby electric motor & pump, necessary S.S.piping & S.S.tubing, pressure switches, pressure gauges, pressure relief valves, thermostats, oil level indicator etc.	1 Job	
4	Supply of weather proof control panel for hydraulic system along with gate position unit, starter, switches, indicator lamps, provision of remote control etc.	1 Job	
5	Supply of gate positions digital indicator system along with sensors	1 Job	
6	Supply of recommended spare parts, tool kits, necessary manuals & drawings including training & departmental personnel's including operatng crew	1 Job	
<b>C</b>	<b>Item No.3</b> transportation, packing & forwarding charges up to site along with handling charges, loading & unloading etc. including freight insurance	1 Job	
<b>D</b>	<b>Item No.4</b> Erection supporting structure with all hoisting arrangement parts with connecting rods coupling etc. at site	1 Job	
<b>E</b>	<b>Item No.5</b> Commissioning & testing of hoisting arrangement	1 Job	

**Note:-** Budgetory offer is invited only for the estimation purpose. It does not give any assurance regarding floating of tenders or otherwise.

Sr.No.	Description	Unit	Rate
Design manufacturing, supply, transportation, erection & commissioning of hydraulic hoisting arrangement for Tilari interstate project - service gate of size <b>downstream service gate of size 3.50 X 3.50 meter (Bonnet type gate)</b> with test & trial of service gate including material, labour, other material, sundry material, machinery charges, handling, design charges etc. complete job at site of tillari saddal dam konalkatta .			
(Note - All hoisting components should confirm with relevant Indian standards)			
<b>A</b>	<b>Item no.1</b> complete design with preparation of drawings of	1 Job	
1	Double acting push pull type vertical cylinder & piston arrangement having lifting cap 50 MT + 5MT for boost capacity stroke 3600 mm, speed of 0.5 Mtr/min. with start and close time cushioning hardware, base plate etc. complete job at site.		
2	Connecting rod, coupling & all related parts		
3	General layout of hoisting arrangement		
	(The data of civil construction & layout which is to be consider for design of hoisting arrangement is available in this office on working days & office hours)		
<b>B</b>	<b>Item no.2</b> Manufacturing & Supply of;	1 Job	
1	Hoisting arrangement with supporting structure for hoisting arrangement including base frame with double acting push pull type vertical cylinder & piston arrangement having lifting cap. 50 MT+5MT for boost capacity, stroke 3600 mm, speed of 0.5 mtr/min. with start & close time cushioning hardware, base plate etc. The system should have provisions to take care of creep of the gate, hand pump for operating the gate in case of power failure, dampening effect towards the end of closing stroke.	1 Job	
2	Supporting structure for hoisting arrangement including base frame.	1 Job	
3	Hydraulic power pack system with base frame, oil reservoir tank, supply of required quantity of recommended hydraulic oil suitable for the operation of hydraulic system, requisite electric motor & pump with one standby electric motor & pump, necessary S.S.piping & S.S.tubing, pressure switches, pressure gauges, pressure relief valves, thermostats, oil level indicator etc.	1 Job	
4	Supply of weather proof control panel for hydraulic system along with gate position unit, starter, switches, indicator lamps, provision of remote control etc.	1 Job	

5	Supply of gate positions digital indicator system along with sensors	1 Job	
6	Supply of recommended spare parts, tool kits, necessary manuals & drawings including training & departmental personnel's including operating crew	1 Job	
<b>C</b>	<b>Item No.3</b> transportation, packing & forwarding charges up to site along with handling charges, loading & unloading etc. including freight insurance	1 Job	
<b>D</b>	<b>Item No.4</b> Erection supporting structure with all hoisting arrangement parts with connecting rods coupling etc. at site	1 Job	
<b>E</b>	<b>Item No.5</b> Commissioning & testing of hoisting arrangement	1 Job	

**Note:-** Budgetary offer is invited only for the estimation purpose. It does not give any assurance regarding floating of tenders or otherwise.

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