

Schedule for Budgetary Offer of Jihe Kathapur Lift Irrigation Scheme Stage-I ,II &III

Sr. No	Description	Quantity	Unit	Rate/ Unit (Rs)	Amount (Rs)
1	A) Jihe Kathapur LIS Stage-I				
	<p>Providing ,installing at site of works and giving test to full capacity ,vertical turbine pumps 1960HP(Tentatively) , non pull out type,complete with strainer ,suction bell column assembly,Discharge case/Discharge Tee motor stool,flexible coupling,sole plates,base frame foundation ,non-reversible rotation ratchet arrangement etc.suitable for following duties specification and conforming to detailed specifications.</p>	3	Nos		
	<p>a) Duty point discharge -1.733 m³/sec b) Duty point head-76.22 M c) Maximum RPM synchronous -750 d) Efficiency - 90% e) Head range- 57 to 84 f) Lubrication system = Forced water g) Discharge Type - Sub Surface h)No of maximum stage- Double stage i) Column pipe diameter- 1100 mm and as per IS 3589 of j) Column pipe thickness (min) - 12 mm k) Line shaft diameter - 150 mm l) Max.no of pumps working in parallel - 3 No</p>				
2	H.T.Motors				
	<p>Providing ,installing at site of works and testng to full capacity,solid shaft,squirrel cage induction motors CACW type 'F'class insulation suitable for operation on voltage mentioned below-</p> <p style="text-align: center;">3 phase 50Hz with voltage variation $\pm 10\%$ of and frequency variation of $\pm 3\%$ suitable for direct coupling with pumps under item no.1 as per latest revision of IS325,IS4722 & other relevant IS specifications to meet the power requirement of pumps with 5% additional capacity over entire operating range,suitable for following duties,specifications & conforming to detailed specifications.</p>	3	Nos		
	<p>a) Operating Voltage-11KV b) Minimum KW Rating- 1600</p>				

B) Jihe Kathapur LIS Stage-II				
3	Providing installing at site of works and giving test to full capacity horizontal split case pump 2315 HP (Tentatively) of axial split casing double suction type complete for pumping of row water suitable for following duties specifications and confirming to detailed specifications	3	Nos	
	a) Duty point discharge -1.733 m³/sec b) Duty point head - 88.02 M c) Maximum RPM synchronous -750 d) Efficiency - 0.88% e) Head range-66 to 97 f) No of maximum stages - Single stage , double suction g) Suction pipe wall diameter minimum - 1200 mm h) Delivery size min- 1000mm			
4	H.T.Motors	3	Nos	
	Providing ,installing at site of works and testng to full capacity,solid Horizontal shaft,squirrel cage S.P.D.P.induction motors CACW type 'F' class insulation suitable for operation on voltage mentioned below- 3 phase 50Hz with voltage variation ± 6% of and frequency variation of ± 3% suitable for direct coupling with centrifugal pumps under sr.no.3 as per latest revision of IS325,IS4722 & other relevant IS specifications to meet the power requirement of pumps with 5% additional capacity over entire operating range,suitable for following duties,specifications & conforming to detailed specifications.			
	a) Operating Voltage-11KV b) Minimum KW Rating- 2000			
C) Jihe Kathapur LIS Stage - III				
5	Providing installing at site of works and giving test to full capacity horizontal split case pump 2435HP (Tentatively) for stage-III of axial split casing double suction type complete for pumping of row water suitable for following duties specifications and confirming to detailed specifications	3	Nos	
	a) Duty point discharge -1.733 m³/sec b) Duty point head - 92.66 M c) Maximum RPM synchronous -750 d) Efficiency - 0.88% e) Head range - 69 to 102 f) No of maximum stages - Single stage , double suction g) Suction pipe wall diameter minimum - 1200 mm h) Delivery size min- 1000mm			

6	H.T.Motors				
	Providing ,installing at site of works and testng to full capacity,solid Horizontal shaft,squirrel cage S.P.D.P.induction motors CACW type 'F'class insulation suitable for operation on voltage mentioned below- <div style="text-align: right;">3 phase 50Hz</div> with voltage variation $\pm 6\%$ of and frequency variation of $\pm 3\%$ suitable for direct coupling with centrifugal pumps under sr.no.5 as per latest revision of IS325,IS4722 & other relevant IS specifications to meet the power requirement of pumps with 5% additional capacity over entire operating range,suitable for following duties,specifications & conforming to detailed specifications.	3	Nos		
	a) Operating Voltage-11KV b) Minimum KW Rating- 2100				

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