

Annex E

Scheme: Lining and construction of irrigation channel (Water Course) at Tehsil KGM District MPK

S.No	Items & Specification	Unit	Qty.	Brand Offered	Unit Price	Total Price
Total Length of the Channel = 1340 R.ft						
1	Clearance, Dressing & Leveling of Bed					
	Bed clearance and dressing slopes of channels/Water transport structures (Nakkas) including removing of weeds and roots etc. Excavated material dressed within 25m lead	Sft	4215.00			
2	PCC 1:4:8 as in bed					
	Plain Cement Concrete (PCC) including placing, compacting, finishing & curing (Ratio 1:4:8) as in bed of Water transport structures (Nakkas)	Cft	58.08			
3	Sand fill in bed of irrigation channel					
	Providing and laying good quality Sand, stone dust or shingle in bed of channel	Cft	642.50			
4	PCC 1:2:4 as in bed of Water Transport structure (Nakkas)/Pipe culverts					
	Providing and laying plain cement concrete including shuttering, placing, compacting, finishing and curing (Nominal mix ratio 1:2:4) in foundation under walls and pipe culverts etc. Maxing of concrete ingredients must be on a surface which having zero water absorption capacity like concrete floor or thick polythene sheet etc. see the attached annexure for pipe culvert/Nakkas details.	Cft	82.81			
5	Brick Work in (1:6 CSM)					
	First class burnt brick masonry in 1:6 cement sand mortar, comprising 9" and above thick as in start point of channel, Nakka structures and culverts complete in all respects.	Cft	79.31			
6	PCC Coping 1:2:4 on BBM					
	Providing and laying plain cement concrete including shuttering, placing, compacting, finishing and curing (Nominal mix ratio 1:2:4) in coping of Nakkas (2" thick)	Sft	52.13			
7	Plaster work in 1:6 CSM					
	Cement plaster in 1:6 CSM 1/2" upto 20' height including curing, Shuttering complete in all respect	Sft	259.50			
8	Precast Segment for Channel					
	Supply and fixing Precast segment parabolic shape, class "D Spacial" having top width 24", Depth 14", length 36", Wall thickness 2" and should be good finish.	No's	428.33			
9	Frame Nakka 15" with cover					
	Providing and installation of good quality Frame Nakka 15" with cover.	No's	11.00			
10	RCC Pipe 12" for culvert					
	Supplying and fixing RCC pipe internal dia 12" including excavation, jointing and good finishing.	No's	2.00			
11	Filling of Segment joint with CSM 1:4					
	Filling of joints with cement sand mortars 1:4 with neat and clean finishing complete in all respect.	R.ft	1820.42			
12	Back filling on embankments of PCPS					
	Back filling on embankments of PCPS & Existing pipe channel form excavated/locally available earth or materials	Cft	3210.63			
13	Plantation on sides of channel					
	Providing and planting of plants (Safeda, Kikker babool, Neem trees, Maanjhli) whichever is feasible for proposed area	No	300.00			
14	Sign Board					
	Providing and installation of Sign Board size(4'X3') using 18 gauge steel sheet, IIL pipe 1.5" dia as in frame & foots with cross angel iron double strips of 1 feet length, writing of given data double side with IR logo) and wall chalking of given data with IR logo complete minimum 3 boards of 5' X 8' size on the near by wall or as directed by Engineer.	No's	1.00			
Total Amount (Inclusive of all Govt. Applicable Taxes, Deliveries, Transportation and Installation, If any).						