

## Annex A

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

S.#	Items & Specification	Unit	Quantity	Brand Offered	Unit Price	Total Price
<b>Total Length of the Channel = 1380 R.ft</b>						
1	<b>Clearance, Dressing &amp; Leveling of Bed</b>					
	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	4500.00			
2	<b>PCC 1:4:8 as in bed</b>					
	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	<b>Sand fill in bed of irrigation channel</b>					
	Providing and laying good quality Sand, stone dust or shingle in bed of channel	Cft	690.00			
4	<b>PCC 1:2:4 as in bed of Water Transport structure (Nakkas)/Pipe culverts</b>					
	Providing and laying plain cement concrete including shuttering, placing, compacting, finishing and curing (Nominal mix ration 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	<b>Brick Work in (1:6 CSM)</b>					
	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	<b>PCC Coping 1:2:4 on BBM</b>					
	Providing and laying plain cement concrete including shuttering, placing, compacting, finishing and curing (Nominal mix ration 1:2:4) in coping of Nakkas (2" thick)	Sft	52.13			
7	<b>Plaster work in 1:6 CSM</b>					
	Cement plaster in 1:6 CSM 1/2" upto 20' height including curing, Shuttering complete in all respect	Sft	259.50			
8	<b>Precast Segment for Channel</b>					
	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	460.00			
9	<b>Frame Nakka 15" with cover</b>					
	Providing and installation of good quality Frame Nakka 15" with cover.	No's	11.00			
10	<b>RCC Pipe 12" for culvert</b>					
	Supplying and fixing RCC pipe internal dia 12" including excavation, jointing and good finishing.	No's	2.00			
11	<b>Filling of Segment joint with CSM 1:4</b>					
	Filling of joints with cement sand mortars 1:4 with neat and clean finishing complete in all respect.	R.ft	1955.00			
12	<b>Back filling on embankments of PCPS</b>					
	Back filling on embankments of PCPS & Existing pipe channel from excavated/locally available earth or materials	CFT	3210.63			
13	<b>Plantation on sides of channel</b>					
	Providing and planting of plants (Safeda, Kikker babool, Neem trees, Maanjhli) whichever is feasible for proposed area	No	300.00			
14	<b>Sign Board</b>					
	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			
<b>Total Amount (Inclusive of all Govt. Applicable Taxes, Deliveries, Transportation and Installation, If any).</b>						