

BHAVNAGAR IRRIGATION DIVISION - BHAVNAGAR					
Name of work		Installation of various instruments at Lakhanka and Hamirpara Irrigation Scheme			
SCHEDULE - 'B'					
MEMORANDUM SHOWING ITEMS OF WORK TO BE CARRIED OUT					
It. No.	Qty.	Description of Item.	Estimated Rate	Unit	Amount
			In Figure		
1	2	3	4	6	7
1	14	Item No. - 1 Providing, Supplying, installing, testing, and commissioning of a V-Notch Weir (Mechanical Flow Measuring Device) for measuring low flow seepage in dams. The device shall have a notch angle of 22.5°, 45°, 60°, or 90° depending on discharge range, a stainless steel SS-304 / SS-316 plate with thickness of 3-5 mm, and be suitable for measurement ranges of approximately 0-50 L/s depending on notch angle. The weir shall have ±1% full-scale reading accuracy, operate under 5-100% humidity, temperature -20°C to +60°C, and provide corrosion protection through anti-corrosion finish. Complete in all respects as directed by the Engineer-in-Charge. (1) 90° V-NOTCH-20 X 40 Secticin 15 Lit/Sec	19250	Nos.	2,69,500.00
2	32	Item No. - 2 Providing, installing and commissioning permanent Ground Control Point (GCP) Settlemnt Marker comprising MS base plate (250×250×5 mm conforming to IS 2062), GI riser pipe 25 mm dia (medium class as per IS 1239), sand filling (clean river sand, loose), optional PVC/GI outer casing (min 100 mm dia), precast concrete cover (M20, 500×500×50 mm with central hole), MS/GI reference cap, and painting in black & white checkerboard pattern using weather-resistant enamel paint, complete with excavation, installation, alignment, and all materials, labour, tools, and accessories, suitable for survey works using Total Station / drone survey, complete as per specifications and direction of Engineer-in-Charge.	10000	Nos.	3,20,000.00
3	30.582	Item No. 3 Providing & Laying in position 'NOMINAL MIX' cement concrete using cement sand and crushed aggregate by machine mix incl. necessary formworks ,centering ,scaffolding compaction by mechanical vibrator curing as directed with all lead & lift etc. C) Concrete grade 1:2:4 and MSA-40mm(Graded)	3822.00	m3	116884.40
TOTAL Rs.			7,06,384.40		
I/We am/are willing to carry out the work at above/below (should be written in figures and words) of					

	the estimated rates mentioned above. Amount of my/our tender works out as under.					
	*Estimated Amount			*Estimated Amount		
	Put to tenderRs.			Put to tenderRs.		
	Deduct. % below Rs.			Add.....% above. Rs.....		
	NetRs.			Total Rs.....		
	In words Rs.			In words.....		
1)		All work shall be carried out as per Public Works Department Hand book and other specifications of Division or as directed.				
2)		All the columns of Schedule should be filled in ink and the total of the entries in the last column should be struck by the contractor under his signature.				
3)		Rates quoted include clearance of site (prior commencement of work and at its close) in all.				

BILL OF QUANTITIES

(A) Percentage Rate Tender (Up to INR 50 Cr.)

Item No	Description of Item (with brief specification and reference to book of specifications)	Quantity	Unit	Rate In figures	Amount
Attached Separately					

I/We am/are willing to carry out the work at... % above/below percent(Should be written in figures and words) of the estimated rate mentioned above. Amount of my /our tender works out as under.

Estimated amount put to tender

Estimated amount put to tender

Deduct.....% below

Add.....% Above

Net

Net

In words

In words

(B) — For Item Rate Tender (For above INR 50 Cr.):

Item No	Description of Item (with brief specification and reference to book of specifications)	Quantity	Unit	Rate		Amount
				In figures	In Words	

(A) Total Tendered Amount

(B) Rebate on above tendered amount (if any) % (in figure)
(in words).....

(C) Net Tendered Amount (A-B) (in figure)
(in words).....

1	The Contractor shall exhibit a board with brief details of work as directed by the Engineer-In-Charge for which no extra payment shall be made.				
2	The labourcess will be deducted as per prevailing rules i.e. 1% of the work done.				
3	GST and Income tax TDS will be deducted at a source while making payments of bills				
4	In all R.C.C. Items in Rate Analysis Standard Cement Consumption has been taken as per Govt. G.R. NO.: MIS102010/17/K1 Dated:30/07/2018 as stated in S.O.R. therefore in R.C.C. items where there is a change as per actual mix design the cost of difference of cement consumption have been deducted from the rate of original item at the rate of input rate mentioned in all the tender.				
<table><tr><td>Signature of Contractor</td><td>Deputy Executive Engineer Irrigation Sub division Bhavnagar</td><td>Executive Engineer Bhavnagar Irrigation Divis Bhavnagar</td></tr></table>			Signature of Contractor	Deputy Executive Engineer Irrigation Sub division Bhavnagar	Executive Engineer Bhavnagar Irrigation Divis Bhavnagar
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