

BILL OF QUANTITIES**(A) Percentage Rate Tender (Up to INR 50 Cr.)****AMRELI IRRIGATION DIVISION – AMRELI****Name of work: Installation of Various Instruments at Raidy & Dhataravdi-1 Irrigation Scheme****SCHEDULE - 'B'****MEMORANDUM SHOWING ITEMS OF WORK TO BE CARRIED OUT**

Item No	Qty.	Description of Item (with brief specification and reference to book of specifications)	Estimated Rate		Unit	Amount
1	2	3	4	5	6	7
1	9	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	19,250.00	Rupees Nineteen Thousand Two Hundred Fifty	Nos.	1,73,250.00
2	32	Item No.2:- Providing, installing and commissioning permanent Ground Control Point (GCP) Settlement 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	10,000.00	Rupees Ten Thousand	Nos.	3,20,000.00

		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.				
3	24.597	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-40 mm(Graded)	3,822.00	Rupees Three Thousand Eight hundred Twenty Two	Cum.	94,009.73
Total						5,87,259.73

Rupees Five Lac Eighty Seven Thousand Two Hundred Fifty Nine Point Seventy Three Only

I/We am/are willing to carry out the work at%percent **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 put to tender **Rs. 5,87,259.73**

Deduct% **below** Rs.....

Net Rs.....

In words

Estimated Amount put to tender **Rs. 5,87,259.73**

Add% **above** Rs.....

Total Rs. Rs.....

In words.....

(Please strike out whichever is not applicable.)

Note:

All works shall be carried out as per Public Works Depart. Hand Book and other specifications of the department as directed. All the columns in the Schedule-B should be filled in ink and the total of the entries in the last column should be struck by the contractor under his signature.

Rates quoted include clearance of site (Prior commencement of work and at its close) in all respects and hold good for work under all conditions of site, moisture, weather etc. complete.

Sign of Contractor:

**Deputy Executive Engineer
Irrigation Sub Division
Rajula**