

## **BILL OF QUANTITIES**

### **(A) Percentage Rate Tender (Up to INR 10 Cr.)**

**Name of work :** **WAGADIA WATER RESOURCES PROJECT**

**Construction of Simtal Road along river Nani Fulzar at village :  
Wagadia Tal. & Dist. Jamnagar.**

<b>Item No.</b>	<b>Description of Item (with brief specification and reference to book of specifications)</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate In figures</b>	<b>Amount</b>
1	Clearing and grubbing road land including uprooting rank vegetation grass bushes, shrubs, sapling and trees girth upto 300 mm removal of stumps of trees cut earlier and disposal of unserviceable materials. (D) By Mechanical means in area of thorny jungle.	0.90	Hect.	34889.38	31400.44
2	Excavation in all sort of strata and formations incl. depositing the unuseful excavated stuff as and where directed incl. sorting and stacking useful materials as directed upto 200 mt lead and all lift etc. complete incl. dewatering. (A) IN OVER BURDEN HARD MURRUM.	1880.00	Cum.	79.00	148520.00
3	Providing, cutting, bending, binding and fixing in position as per drawing TMT BAR, reinforcement for R.C.C. works and anchor bars incl. cost of black annealed 16 to 18 BWG M.S.. Wire etc. complete with all lead and lift. (B) Fe-500	16.90	M.T.	76574.00	1294100.60
4	Prov. & Laying in position cement concrete using cement , sand and crushed metal coarse aggregate by mass and machine mix for PCC/RCC including necessary formworks compaction by vibrator, curing as directed with all lead & lift etc complete.(Excluding cost of steel) FOR .BODY WALL, APRON, TRAINING WALL, SIDE WALL, SPLAY WALL, KEY WALL, CUT OF WALL ETC. 4/C) Controlled Concrete Grade M-15 & MSA-40mm.	72.50	Cum.	3423.00	8831340.00
5	Providing, supplying, Lowering and laying ISI Standard R.C.C. NP-3 Class pipes in standard lengths of following Diameter suitable for either collar joints or rubber ring joints including all taxes, insurance, transportation, freight charges, octroi, inspection charges, loading, unloading, conveyance to Size,	72.50	Rmt.	3969.00	287752.50

Item No.	Description of Item (with brief specification and reference to book of specifications)	Quantity	Unit	Rate In figures	Amount
	and jointing in proper position, grade and alignment at all level as level as directed by Engineer-in-charge including all labour, giving hydraulic testing as per ISI code. (G) 900mm Dia <b>NOTE :- One collar should be supplied with each full length plain ended RCC pipe, cost included in rates below. One rubber ring should be supplied with each full length socketed pipe, cost included in rates below.</b>				
6	Earthwork in embankment using excavated stuff including spreading in uniform layers breaking clods and dressing to design section for all sorts of soil and soft murrum hard murrum for different leads as under and all lifts above GL etc. complete but with rolling & watering. (A) Lead upto 200 Mt.	1880.00	Cum.	113.50	213380.00
7	Earthwork for embankment including breaking clods, dressing with all lead and lift and including watering rolling and consolidation of subgrade in layers at O.M.C. to required dry density including filling the depression which occur during the process using power roller 8T to 10T. <b>(E) From Borrow area within 3.0 KM. lead.</b>	16030.00	Cum.	182.14	2919758.70
8	Providing & laying dry rubble stone pucca pitching with panel (of size not more than 10 Sqmt.) of stone masonry 45cm thick wall in C.M. 1:5, without base, inverted filter and header stone but with 10 cms thick murrum layer (for Base) incl. hand packing and trimming and dressing slopes etc. <b>(C) 23 Cms thick stone pitching with pointing in C.M.1:2</b>	2160.00	Sqmt.	723.00	1561680.00
9	Providing & fixing Guard stone of Precast C.C. M-15 I.R.C. standard & design 75 x 20 x 20 Cm. including white washing etc. complete. (a) In Earth	36.00	No.	54.00	1944.00
<b>Total Rs....</b>					<b>15289876.24</b>

I am/we are willing to carry out the work at \_\_\_\_\_ % below/above percent  
(Should be written in figures and words) of the estimated rates mentioned above. Amount of  
My/Our tender works out as under :-

Estimated Amount	<b>Rs. 1,52,89,876=24</b>	Estimated Amount	<b>Rs. 1,52,89,876=24</b>
Put to Tender Rs.		Put to Tender Rs.	
Deduct _____%	Below Rs. _____	Add _____%	Above Rs. _____
	<b>Net Rs.</b>		<b>Net Rs.</b>
(Rupees in words) _____		(Rupees in words) _____	

**Note :-**

1. The Contractor shall exhibit a board with detailed specification and details of work as directed by the Engineer-In-Charge for which no extra payment shall be made.
2. The labour cess 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.:PRC-10/2017CementConsumption/16/CDate:11/05/2017as 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.
5. The rates to be quoted by the contractor must be inclusive of all duties, taxes, and other levies **except GST** payable by the contractor under the contract.

**Signature of Contractor**

**Executive Engineer**  
Und Irrigation Division  
Jamnagar