

Percentage BoQ

Tender Inviting Authority:

Name of Work: WATER SUPPLY SCHEME AT Gopalpur TAL- TALODA DIST - NANDURBAR

Contract No:

Name of the Bidder/ Bidding Firm / Company:	ZILHA PARISHAD NANDURBAR
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PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

NUMBER #	TEXT #	NUMBER	TEXT #	NUMBER	NUMBER #	NUMBER #	TEXT #	
SI. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT Without Taxes	TOTAL AMOUNT With Taxes	TOTAL AMOUNT In Words	
1		2	4	5	6	53	54	55
2	TUBE Well							
3	Item no. 1) Drilling 300 mm dia. Bore well in all types of strata etc	60.00	Rmt	Rs. 1035.00	62100.00	62100.00	Sixty Two Thousand One Hundred Only	
4	Item no. 2- Providing & fixing M.S.casing pipe etc (A) 150mm dia. M.S. plain Pipe	30.00	Rmt	Rs. 1300.00	39000	39000	Thirty Nine Thousand Only	
5	B] 150 mm dia. Slotted M.S. pipe	30.00	Rmt	Rs. 1500.00	45000.00	45000	Forty Five Thousand Only	
6	Item No.3:- Providing & Fixing gravel packing around casing pipe etc	60.00	Rmt	Rs. 260.00	15600.00	15600	Fifteen Thousand Six Hundred Only	

7	Item No.4:- Providing development charge etc	9.00	Hrs	Rs. 1110.00	9990	9990	Nine Thousand Nine Hundred & Ninety Only
8	Item No.5:- Providing & Giving transportation charges of drilling machine etc	1.00	Job	Rs. 7952.00	7952	7952	Seven Thousand Nine Hundred & Fifty Two Only
9	Item No.6:- Borewell site selection charges etc	1.00	Job	Rs. 1000.00	1000	1000	One Thousand Only
		Total				180642.00	
		say				180642.00	
	Sub Estimata -Pumping Machinery						
10	Item no.1: Providing, erecting and giving test of submersible pump set conforming to IS 8034 and motor conforming to IS 9283, with water proof winding. Pump shall be suitable for various delivery head and discharge with stainless steel shaft. Motor suitable for working on 415 V \pm 10%, 3 Ph, 50 Hz A.C. Supply, with cable guard, thrust carbon/fiber bearing to withstand entire hydraulic thrust. The pump set shall be suitable for direct coupling, with suitable suction strainer. Pump should have suitable discharge out let as per manufacturer's design. Antithrust stream lined non return valve shall be provided with the pump. 3 m submersible copper conductor cable in single / double run and 2 pairs of suitable size erection clamp 10 mm thick shall be provided with each pump. Submersible Pump 3HP						
11	3 HP	2.00	NO	Rs. 22465.14	44930.28	44930.28	Forty Four Thousand Nine Hundred & Thirty and Paise Twenty Eight Only

12	Providing ISI mark GI pipe 65mm	60.00	Rmt.	Rs. 352.00	21120.00	21120	Twenty One Thousand One Hundred & Twenty Only
13	supplying and erecting "B" class GI bend in position 65 mm dia	2.00	Sqm	Rs. 247.00	494.00	494	Four Hundred & Ninety Four Only
14	Providing and fixing sheet metal work in CRCA sheet with fabrication of boxes panel boards etc. including cutting, bending, drilling, welding, rivetting etc. treated with anti-rust treatment and duly power coated or painted with one coat of red lead paint and 2 coats of enamel paint as directed.	60.00	NO	Rs. 177.00	10620.00	10620	Ten Thousand Six Hundred & Twenty Only
15	Supplying and erecting Triple pole metal/ iron clad switch and fuse 415/500V 63A on angle iron frame as per specification No. SW-SWR/MTP	1.00	NO	Rs. 3026.00	3026.00	3026	Three Thousand & Twenty Six Only
16	Supplying and erecting Iron clad cut out H.C. type 500V 63A approved make erected on polished wooden block.	3.00	NO	Rs. 329.00	987.00	987	Nine Hundred & Eighty Seven Only
17	Providing & Supplying 65 mm dia Non Return Valve (Reflux Valve)	1.00	NO	Rs. 3660.00	3660.00	3660	Three Thousand Six Hundred & Sixty Only
18	Supplying & erecting DOL starter	1.00	Rmt.	Rs. 1770.00	1770.00	1770	One Thousand Seven Hundred & Seventy Only
19	Supplying & erecting Flat flexible submersible cable ...etc. complete. 3 core 6 sqmm.	75.00	NO	Rs. 186.00	13696.72	13696.72	Thirteen Thousand Six Hundred & Ninety Six and Paise Seventy Two Only

20	Earthing Providing earthing with Galvanised cast iron earth plate size 60 x 60 x 0.6 cm complete with all materials, testing & recording the results as per specification No. EA-EP	1.00	NO	Rs. 4750.00	4750.00	4750	Four Thousand Seven Hundred & Fifty Only
					Total	105054.00	
					Say	105054.00	
	SWITCH-ROOM						
21	Item- 1) Excavation for foundation / pipe trenches in earth, soils of all types, sand, gravel and soft murum, including removing the excavated material upto a distance of 50 metres and lifts as below, stacking and spreading as directed, manual dewatering, preparing the bed for foundation and excluding backfilling, etc. complete.	6.91	Cum	Rs. 160.60	1109.75	1109.75	One Thousand One Hundred & Nine and Paise Seventy Five Only
22	Item-2 Providing and laying in situ Cement concrete of trap/granite/quartzite/ gneiss metal for PCC work below foundation and footing including normal dewatering,plywood form work, compaction, finishing and curing, etc, complete.	0.91	Cum	Rs. 4050.20	3685.68	3685.68	Three Thousand Six Hundred & Eighty Five and Paise Sixty Eight Only
23	Item-3 Providing uncoursed rubble masonry of trap / granite / quartzite / gneiss stones in cement mortar 1:6 in foundations and plinth of inner walls / in plinth of external walls including bailing-out water manually, striking joints on unexposed faces and watering complete.	7.09	Cum	Rs. 4415.40	31305.19	31305.19	Thirty One Thousand Three Hundred & Five and Paise Nineteen Only

24	Item-4 Providing second class Burnt Brick masonry with conventional/I.S. type bricks in cement mortar 1:6 in superstructure including striking joints, racking out joints, watering and scaffolding Complete. Spec. No. : Bd.G.5 Page No. 315	5.95	Cum	Rs. 5658.40	33667.48	33667.48	Thirty Three Thousand Six Hundred & Sixty Seven and Paise Forty Eight Only
25	Item-5 Providing and fixing M.S. grill door 24 kg. per square metre of various sizes as per detail drawing without hot dip coating, iron fixtures and fastenings and 3 coats of oil painting etc. complete.	1.62	sq.m.	Rs. 2311.00	3743.82	3743.82	Three Thousand Seven Hundred & Forty Three and Paise Eighty Two Only
26	Item-6 Providing and fixing steel Window of various sizes as per detailed drawing without hot dip zinc coating without ventilators, incl. fabricating/ glazing with plain / obscured glass panels of approved type and quality iron oxidised fixtures and fastening oil painting two coats complete.	1.08	sq.m.	Rs. 3227.00	3485.16	3485.16	Three Thousand Four Hundred & Eighty Five and Paise Sixteen Only
27	Item-7 Filling in plinth and floors / trenches with contractor's murum for bedding in 15cm to 20cm layers including watering and compaction complete.	1.89	Cum	Rs. 415.80	785.86	785.86	Seven Hundred & Eighty Five and Paise Eighty Six Only
28	Item-8 Providing and laying Rough Shahabad Stone flooring 40mm to 45 mm. thick & of required width in plain diamond pattern on a bed of 1:6 C.M. incl. cement float striking joints, pointing in cement mortar 1 :3 curring & cleaning etc. comp.	5.15	sq.m.	Rs. 621.50	3200.73	3200.73	Three Thousand Two Hundred and Paise Seventy Three Only

29	tem-9 Providing and casting in situ C. C. of trap/granite/quartzite/ gneiss metal of approved quality for RCC work as per detailed drawings and designs or as directed by Engineer-in-charge including normal dewatering, plywood form work, bully/steel prop ups, compaction, finishing the formed surfaces with CM 1:3 of sufficient minimum thickness to give a smooth and even surface wherever necessary or roughening if special finssh is to be provided and curing, etc. complete. (By weigh batching and mix design for M-250 and M-300 only. Use fo L&T, A.C. C., Ambuja, Birla Gold, Manikgad, Rajashree, etc. cement is permitted .)						
	R.C.C.WORK M20 (CHAJJA)	0.090	Cum	Rs. 5952.10	535.69	535.69	Five Hundred & Thirty Five and Paise Sixty Nine Only
	RCC Work M 20 (chajjas)	0.14	Cum	Rs. 6513.10	911.83	911.83	Nine Hundred & Eleven and Paise Eighty Three Only
	RCC Work M 20 (slab)	1.08	Cum	Rs. 6549.40	7073.35	7073.35	Seven Thousand & Seventy Three and Paise Thirty Five Only

30	tem-10 Providing and fixing in position steel bar reinforcement of various diameters for RCC piles, caps, footings, foundation, slabs, beams, columns, canopies, staircases. newels, chajjas, lintels, pardies, copings, fins, arches, etc. as per detailed designs, drawings and schedules; including cutting, bending, hooking the bars, binding with wires or tack welding and supporting as required, etc. complete. (including cost of binding wire)	0.085	M.T.					Rs. 47315.00	4031.25	4031.25	Four Thousand &Thirty One and Paise Twenty Five Only
31	tem-11 Providing and applying cement plaster 20 mm. th. In c m 1:5 with smooth finishing from inside and out side faces of the room incl. watering curring, scaffolding etc. comp.in two coat										
	In two coat inside	27.24	sq.m.	Rs. 387.00	10541.88	10541.88					Ten Thousand Five Hundred & Forty
	In two coat outside	43.57	sq.m.	Rs. 486.00	21175.02	21175.02					Twenty One Thousand One
32	Item-12 Providing and applying colour-wash in two coats on old/new plastered or masonry surfaces and asbestos cement sheets including scaffolding and preparing the surface by brushing & brooming down etc. complete. Spec. No. : Bd.P.3 Page No. 412 .	5.15	sq.m.	Rs. 8.40	43.26	43.26					Forty Three and Paise Twenty Six Only
34	tem-13 Providing and applying in two coat of flat oil paint of approved colour and shade to internal / external plastered surfaces including scaffolding if necessary, cleaning and preparing the surface (excluding primer coat) complete. Spec. No. : Bd.O.8 p.n. 406	24.54	sq.m.	Rs. 35.40	868.72	868.72					Eight Hundred & Sixty Eight and Paise Seventy Two Only

35	tem-13 Providing and applying in two coat of water proof cement paint and shade to internal / external plastered surfaces including scaffolding if necessary, cleaning and preparing the surface (excluding primer coat) complete. Spec. No. : Bd.O.8 p.n. 407	40.95	sq.m.	Rs. 58.00	2375.10	2375.10	Two Thousand Three Hundred & Seventy Five and Paise Ten Only
36	Item-14 Electrification charges for switch room.	1.00	JOB	Rs. 5000.00	5000.00	0.0	Zero Only
37					Total	128539.76	
38					Say	128540.00	
39	Sub Estimate-Rising Main						
40	SUBWORK- Rising Main Providing and supplying in standard lengths ISI mark rigid unplasticised PVC pipes suitable for potable water with solvent cement joints including cost of couplers, as per IS specification no. 4985 / 1988 including all local and central taxes, transportation, freight charges, inspection charges, loading, unloading, conveyance to the departmental	260.00	Rmt	163.00	42380.0000	42380.0000	INR Forty Two Thousand Three Hundred & Eighty Only
41	Providing and supplying Air valve as per IS 14845-2000 and MJP Std Specification of approved make and quality of following dia including all taxes (Central and local) rly frieght inspection charges unloading from rly wagon loading in to truck transportatin upto Dept store/ site unloading and stacking etc complete 20 mm dia.Air Valve Single Ball Flanged/Screwed type	1.00	NO	985.00	985.0000	985.0000	INR Nine Hundred & Eighty Five Only

42	Providing and supplying double flange sluice valves conforming for IS 2906/14846 including warn gear arrangement as per test pressure stainless steel spindle caps including all taxes transportation etc complete. 80 mm dia. Sluice Valve PN - 1	1.00	No	4796.00	4796.0000	4796.0000	INR Four Thousand Seven Hundred & Ninety Six Only
43	Excavation for foundation / pipe trenches in earth, soils of all types, sand, gravel and soft murum, including removing the excavated material upto a distance of 50 metres and lifts as below, stacking and spreading as directed, manual dewatering, preparing the bed for foundation and excluding backfilling, etc.	78.00	Cum	160.60	12526.8000	12526.8000	Twelve Thousand Five Hundred & Twenty Six and Paise Eighty Only
44	Excavation for foundation / pipe trenches in hard murum including removing the excavated material upto a distace of 50 M and lifts as below, stacking and spreading as directed by Engineer-in-charge, normal dewatering, preparing the bed for foundation and excluding backfilling, etc. complete.	62.40	Cum	181.50	11325.6000	11325.6000	INR Eleven Thousand Three Hundred & Twenty Five and Paise Sixty Only
45	Lowering, laying and jointing with P.V.C. pipes and specials of following class and diameter including cost of conveyance from stores to site of works including cost of all labour, material, except cement solvent, rubber ring, giving satisfactory hydraulic testing as per IS code, etc. complete (with cement solvent joint / ring fit joint). 90 mm dia. PVC Pipes 6kg/sq.cm	260.00	Rmt	39.60	10296.0000	10296.0000	INR Ten Thousand Two Hundred & Ninety Six Only

46	Refilling the trenches with available excavated stuff with soft material first over pipeline and then hard material in 15 cm layers with all leads and lifts including consolidation, surcharging, etc. complete.	138.75	Cum	77.00	10683.7500	10683.7500	INR Ten Thousand Six Hundred & Eighty Three and Paise Seventy Five Only
47	providing and fixing in posotion air valve shaft including providing and fixing gi medium class or 6mm thick m.s. Pipe shaft 2.70m long over branch flange of air valve tee providing pcc block of m150 as shown in type design together	1.00	NO	5401.00	5401.0000	5401.0000	INR Five Thousand Four Hundred & One Only

49	Lowering, laying, jointing in position following CIDF Reflux, butterfly valves and sluice valves including cost of all labors jointing material including nutbolts and giving satisfactory hydraulic testing etc complete (Rates for all class of valves) 80 mm dia. Non return Valve PN - 1	1.00	NO	1877.00	1877.0000	1877.0000	INR One Thousand Eight Hundred & Seventy Seven Only
50	Providing and constructing B.B. masonry valve chamber with 15 cm thick 1:3:6 proportion PCC bedding, excluding excavation, B.B. masonry in C.M. 1:5 Proportion precast RCC frame and cover, etc. complete as directed by Engineer-in-charge size 0.90 X 0.60 X 1.20 mtr.	1.00	NO	4975.00	4975.0000	4975.0000	INR Four Thousand Nine Hundred & Seventy Five Only
				TOTAL		105246.15	
				SAY LIMITED		105246.00	

51	GSR(10000 LIT.)						
52	<p>Designing (aesthetically), and constructing RCC ground service reservoirs / RCC sumps in M-300 mix. of required capacity including excavation in all types of strata, foundation concrete, container walls, bottom slab top RCC roof slab / or dome, 20 mm thick cement plaster with water proofing compound in CM 1:3 proportion. to inside face of the container, including epoxy paint from inside including refilling and disposing of surplus stuff within lead of 50 M, all labour and material charges, for laying and jointing of pipe assembly for inlet, outlet washout, over flow and bye-pass arrangement consisting of C.I./ M.S. D/F. pipes, specials and valves of given diameters.</p>						
53	<p>providing and fixing accessories such as Stainless steel ladder inside and M.S. ladder with G.I. railing outside, C.I. Manhole frame and cover, at top slab, B.B. masonry chamber for all valves, ventilating shafts, including giving satisfactory hydraulic test and water tightness test as per IS code and providing three coat of acrylic emulsion with silicon additives paint to all expose surface of structure including roof surface etc. complete as per design data, criteria, obligatory requirements and detailed specifications. Anti-termite treatment shall be given for underground portion of the structure.</p>						
54	Notes						

55	1. The designing shall be in accordance with various relevant I.S. specification (I.S. 456/2000, I.S. 875- 1987, I.S. 3370-1965 or revised						
56	2. Only M.S bars grade I confirming to I.S. 432 Part_I or high yield strength deformed bars confirming to I.S. 1786 or I.S. 1139 shall be used grade II M.S. bars shall not be used						
57	3) Entire structure shall be in M-300 only.						
58	4) The scope of pipe assembly work shall be upto 5 Meter beyond outside face of the wall, cost of pipes valves and specials is not included in the rate but labour cost for laying and jointing is included						
59	5) The G.S.R./ Sump above 15 lakh liter capacity shall be in two compartment						
60	6) The job includes designing the structure for uplift pressure and dewatering if require duing entire execution and disposal of surplus excavated stuff with in lead of 50 Meters as directed by Engineer-in-charge. If up lifts considered in design then these						
61	6. Irrespective of the type of foundation proposed in the design, one set of bracing be provided at the ground level.						
62	7) G.S.R. outlets shall be with bell mouth of approved pattern in bottom slab and cost of designing bell mouth is included in the rate Sump well includes cost of suction pit required at bottom.						
63	8. For pipes diameters upto 300mm only CI pipes and CI specials shall be used. For pipe diameters above 300mm M.S. pipes and specials of thickness minimum 10mm shall be used with proper						
64	9) Cost of pump house is not included in these rates.						

65	10) Above rates are applicable for seismic zones-2,3, and 4						
66	11) 75% part rate shall be payable for reinforcement, concrete and plastering items of all types of G.S.R's and sumps till satisfactory hydraulic testing for water tightness test is given ; and till that work shall be treated as incomplete.						
67	Note:-1) Condition from Sr.No.1 to 11 shall form a part and parcel of tender and must be included in the Draft tender papers for work of RCC GSRs and sump.						
68	2) 10 % payment shall be added over the cost of GSR for sump where overhead pumphouse is proposed.						
69	Rates for RCC GSRs or sumps.						
70	R.C.C. GSR	10000.00	Liter	Rs. 10.91	109100.00	109100.00	One Lakh Nine Thousand One Hundred Only
71	Item No. 2:-Providing ISI mark G.I. pipe of following class and dia. Including all local and central taxes, octroi, inspection charges, transportation to stores, etc. complete .as per IS 1239/2004						
72	80 mm dia. GI Medium	20.00	Rmt	Rs. 455.00	9100.00	9100.00	Nine Thousand One Hundred Only
73	Lowering and laying GI pipe 80 mm dia. GI Medium	20.00	Rmt	Rs. 97.00	1940.00	1940.00	One Thousand Nine Hundred & Forty Only
74	Item No.4 :-Providing and supplying double flange sluice valves conforming for IS 2906/14846 including warn gear arrangement as per test pressure stainless steel spindle caps including all taxes transportation etc complete. 80mmdia nr valve						

75	80mmdia nr valve	2.00	no	Rs. 3476.00	6952.00	6952.00	Six Thousand Nine Hundred & Fifty Two Only
		Total				127092.00	
		say				127092.00	
76	Sub Estimate-Distribution Line						
77							
78	Item No-1 Excavation for foundation / pipe trenches in earth, soils of all types, sand, gravel and soft murum, including removing the excavated material upto a distance of 50 metres and lifts as below, stacking and spreading as directed, manual dewatering, preparing the bed for foundation and excluding backfilling, etc. complete.	285.00	Cum	160.60	45771.00	45771.00	Forty Five Thousand Seven Hundred & Seventy One Only
79	ITEM NO-2 Excavation for foundation / pipe trenches in hard murum including removing the excavated material upto a distace of 50 M and lifts as below, stacking and spreading as directed by Engineer-in-charge, normal dewatering, preparing the bed for foundation and excluding backfilling, etc. complete.	228.00	Cum	181.50	41382.00	41382.00	Forty One Thousand Three Hundred & Eighty Two Only
80	ITEM NO-3 Refilling the trenches with available excavated stuff with soft material first over pipeline and then hard material in 15 cm layers with all leads and lifts including consolidation, surcharging, etc. complete.	466.73	Cum	77.00	35938.21	35938.21	Thirty Five Thousand Nine Hundred & Thirty Eight and Paise Twenty One Only

81	ITEM NO-4 Providing and supplying in standard lengths ISI mark rigid unplasticised PVC pipes suitable for potable water with solvent cement joints including cost of couplers, as per IS specification no. 4985 / 1988 including all local and central taxes, transportation, freight charges, inspection charges, loading, unloading, conveyance to the departmental stores / site and stacking the same in closed shed duly protected from sun rays and rains including cost of jointing material i.e. solvent cement, etc. complete (selffit type to be jointed with cement solvent).						
82	90 mm dia. P.V.C. Pipes 4 Kg/Sq.cm.	200.00	Rmt.	99.00	19800.00	19800.00	Nineteen Thousand Eight Hundred Only

83	75 mm dia. P.V.C. Pipes 4 Kg/Sq.cm.	750.00	Rmt.	71.00	53250.00	53250.00	Fifty Three Thousand Two Hundred & Fifty Only
84	ITEM NO-5 Lowering, laying and jointing with P.V.C. pipes and specials of following class and diameter including cost of conveyance from stores to site of works including cost of all labour, material, except cement solvent, rubber ring, giving satisfactory hydraulic testing as per IS code, etc. complete (with cement solvent joint / ring fit joint).						
85	90 mm dia. P.V.C. Pipes 4 Kg/Sq.cm.	200.00	Rmt.	30.80	6160.00	6160.00	Six Thousand One Hundred & Sixty Only
86	75 mm dia. P.V.C. Pipes 4 Kg/Sq.cm.	750.00	Rmt.	25.30	18975.00	18975.00	Eighteen Thousand Nine Hundred & Seventy Five Only
87	ITEM NO -8 Providing and supplying double flange sluice valves confirming for IS 2906/14846 including warn gear arrangement as per test pressure stainless steel spindle caps including all taxes transportation etc complete.						
88	80 mm dia. Sluice Valve PN-1	2.00	No	4796.00	9592.00	9592.00	Nine Thousand Five Hundred & Ninety Two Only
89	65 mm dia. Sluice Valve PN-1	3.00	No	4641.00	13923.00	13923.00	Thirteen Thousand Nine Hundred & Twenty Three Only
90	ITEM NO -9 Lowering, laying, jointing in position following CIDF Reflux, butterfly valves and sluice valves including cost of all labors jointing material including nutbolts and giving satisfactory hydraulic testing etc complete (Rates for all class of valves)						
91	80 mm dia. Sluice Valve PN-1	2.00	No	1738.00	3476.00	3476.00	Three Thousand Four Hundred & Seventy Six Only

92	65 mm dia. Sluice Valve PN-1	3.00	No	1250.70	3752.10	3752.10	Three Thousand Seven Hundred & Fifty Two and Paise Ten Only
93	ITEM NO-11 Providing and constructing B.B. masonry valve chamber with 15 cm thick 1:3:6 proportion PCC bedding, excluding excavation, B.B. masonry in C.M. 1:5 Proportion precast RCC frame and cover, etc. complete as directed by Engineer-in-charge.						
94	As above of 60x 45 cm internal size and depth upto 90cm .	2.00	NO	6020.30	12040.60	12040.60	Twelve Thousand &Forty and Paise Sixty Only
		Total				264059.91	
		say				264060.00	
95	misellaneous						
96							
97	Commisioning running and maintaining the scheme to quantites, rated capacity, including manning necessary personnel such as operator, valveman, etc. as per requirements of the scheme and who should also administer chemical dose for a period of 1 month for individual scheme and 3 months for regional scheme, together with training of personnel spared by MJP/ Local Body and handing over the scheme to Local Body after completion of the above period as directed by Engineer-in-charge.	55997.00	Job		55997.00	55997.00	Fifty Five Thousand Nine Hundred & Ninety Seven Only
98	Note. : Required chemicals to be supplied by Department free of cost and electricity bill will also be paid by the Department.						
99	a) 1)For single village 3month						
100	MSCB Charges	75000.00	Job		75000.00	75000.00	Seventy Five Thousand Only
	Total Cost Of scheme					1041631.00	