

CONTRACT NO.

**GUJARAT WATERSUPPLY & SEWERAGE BOARD GANDHINAGAR
(GOVERNMENT OF GUJARAT UNDERTAKING)**



Bid Documents for “Dismantalling, Repairing and fitting of Electromechanical accessories including required supply of spares at Mangwana HW (Mothada Section), Tal: Nakhtrana including supply of required accessories under M&R to Suthari RWSS Programme:2025-26 in Kutch District.”

Estimated Cost : Rs.670009.25

VOLUME- III

PRICE-BID

Executive Engineer

Gujarat Water Supply & Sewerage Board

Public Health Mechanical Division,

Bhuj

“BID DOCUMENTS FOR “Dismantalling, Repairing and fitting of Electromechanical accessories including required supply of spares at Mangwana HW (Mothada Section),Tal: Nakhtrana including supply of required accessories under M&R to Suthari RWSS Programme:2025-26 in Kutch District.”

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VOLUME - III

Contents

PREAMBLE TO PRICE SCHEDULE
BID FORM.....	.
SCHEDULE-A
SCHEDULE-B
BREAK UP FOR INTERIM PAYMENTS.....	.

PREAMBLE TO PRICE SCHEDULE

Name of Work- Dismantalling, Repairing and fitting of Electromechanical accessories including required supply of spares at Mangwana HW (Mothada Section),Tal: Nakhtrana including supply of required accessories under M&R to Suthari RWSS Programme:2025-26 in Kutch District.”

- (1) The bidder shall quote his firm and fixed price for the entire work under this Contract, defined in more details in various sections of this bid document.
- (2) The rates and prices shall be submitted in the electronic formats given by n-procure which is called Schedule-B. Rates and prices received in any other formats will be rejected and the Bids will be disqualified.
- (3) It will be entirely at the discretion of the Employer to accept or reject the bidder's proposal, without giving any reasons whatsoever and the bidder shall not be permitted to withdraw his bid on this account.
- (4) Price **Schedule-A** gives the Schedule showing approximately the materials to be free supplied from the by client.
- (5) Price Schedule - B the bidder shall quote prices for the items on lump sum / unit rate as called for against the BOQ item.
- (6) In Price Schedule-B, bidder shall quote his price for entire work. Prices quoted in Schedule-B only will be considered for price evaluation. In the Price Schedule B bidder shall furnish breakup of his prices quoted in Price Schedule-B gives the list of some principal items with tentative quantities of the work there of for the guidance of the bidder. For any excess over tender quantities, Extra items and variations in quantities, Refer Clause No 14 of Volume IB- General Conditions of Contract.
- ~~(7) The total of the item prices in Schedule B1, Schedule B2 shall be equal to the price quoted by the bidder in Price Schedule B and shall be firm and fixed, during the pendency of the Contract, except for items under price variation clause. In case of any discrepancy noted in the various price schedules, those in Schedule B will be considered and binding on the Contractor. The prices in Schedule B1. Schedule B2 of the successful bidder shall be corrected accordingly.~~
- ~~(8) The bidder is not required to quote their prices in Schedule C i.e. O&M prices. The rates mentioned in the Schedule C for O&M are fixed and will be the basis for payment during O&M as per tender terms and conditions. The Amount of Schedule C shall not be carried forward to Schedule B for comparison and~~

~~evaluation. But it shall be added to schedule B (After rebate, if any) for overall cost of tender & shall form a part of the Contract Agreement.~~

- ~~(9) Wherever for a particular item the quantities have been specified payment shall be on unit rate basis and unit Variation in quantity will be paid with pro rata basis.~~
- (10) Each item is to be individually priced online and the amounts shall be added up to arrive at the "Total of each Price Schedule". No column in the Schedules of prices shall be left blank except where the item description requires the item to be priced on "as applicable" basis. The item shall not be priced if it is "not applicable to the bidder's design, in which case the bidder shall add the words "NOT APPLICABLE". The wording in the item description is for subject matter guidance only: clause references are indicative only and all other relevant clauses shall also be referred to. The prices shall allow for all the works covered under the bid and all liabilities and contractual obligations whether separately specified or not Items against which no prices are quoted shall not be separately paid for and the bidder shall be deemed to have covered the cost of execution of such items (according to the requirements of the bid document) in the prices quoted for other items.
- (11) Items not specifically listed in his Price Schedules, but required to be executed for satisfactory working/safety of the system as specified, will not be separately paid for by the Employer when executed and shall be deemed to be already covered by other items and rates listed in the price sheets No extra payment shall be given for any item which is required to complete and perform the project.
- ~~(12) Bidder shall not to quote for O&M in Schedule C. In case of any discrepancy noted in the various price schedules, those in Schedule B will be considered and binding on the Contractor. The prices in Price Schedule B of the successful bidder shall be corrected accordingly.~~
- ~~(13) Schedule 'D gives the basis of interim payment for construction of works.~~
- (14) Only Price Schedule-B after carried over and arithmetic corrections and rebate, if any will be considered for financial evaluation of the bid.
- (15) The bidder shall be deemed to have allowed in his price for provision, maintenance and final removal of all temporary works of whatsoever nature required for construction including temporary bunds, diverting water, pumping, de-watering etc. for the proper executing of work. The rate shall also be deemed to include any works and setting out that may be required to be carried out for laying out of all the works involved.
- (16) Prices shall be filled online only.

- (17) The Price Schedules are to be read in conjunction with the Conditions of Contract the Specifications and other sections of these bid documents and these documents are to be taken as mutually explanatory of one another.
- (18) The bidder shall interpret the data furnished and carry out any additional survey work, or investigation work required at his own cost.
- (19) The prices quoted shall also include the cost of materials utilized for testing.
- (20) The bidder should acquaint himself with the site conditions including the access to Work site. The successful bidder shall have to make suitable access to work sites at his own cost. These accesses will be used by the other contractors working for GWSSB.
- (21) The item descriptions in price schedule are for subject matter guidance only and the prices shall include all the equipments / materials / accessories and services required as per the specifications. The bidder shall fill in the price schedule furnished.
- (22) 1% of the value of work will be deducted from the Running bill against labour cess which is non-refundable.
- (23) Third Party Inspection / CSC agency will be deployed by GWSSB and charges of the same will be borne by GWSSB.
- (24) Any expenditure incurred by inspection/ CSC agency for the work misinformed by the contractor and charges of inspection/ CSC agency without any work due to misinformation shall be recovered from the contractor.
- (25) The prices shall be quoted prices shall be quoted exclusive of GST, but inclusive of all other taxes, royalties and duties prevailing at the time of submission of the bids. Statutory variation if any during the currency of contract shall have to borne by the agency which shall be not reimbursed by the GWSSB
- (26) The rates quoted shall be exclusive of GST, but inclusive of all other taxes, duties which shall not be paid extra. While GST will be paid for admissible part of actual work done at the approved tender rates and tender conditions of price variations GST shall be paid as per prevailing rates at the time of payment. The TDS shall be deducted at source as per provision of IT rules and GWSSB policy
- (27) The rates should be quoted exclusive of GST but inclusive of all other taxes as per Volume-I (B), General Conditions of Contract, Clause No. 47.
- (28) The Bidders shall have to quote the rates in this tender keeping in view of the GST. The Complete responsibility of taxes, duties, levies rests with the Contractor/Agency only.

- (29) The process requires that the bidder shall quote his price for the work components contained in the price schedules for the entire work. Such prices shall remain firm and fix during the entire period of performance of the contract except price variation allowed for supply of MS/DI/PVC/GI pipe as per Volume-1 (B) Clause No. 59, General Conditions of Contract.
- (30) Payment shall be made for the components for which lump sum prices are quoted, as per the schedule of payment. Total cost will be worked out on the basis of work done of individual items and rates quoted against those particular items only.
- (31) Royalties: The contractor shall be liable to pay the royalty of the quarried materials/ minerals used in the construction of works at the rates specified in the Narmada Water Resources, Water Supply & Kalpasar Dept. Resolution No GEN-2010-595-(6)- M.I.Cell (K-1) Dt. 29-4-2011 (Gujarati Version Copy enclosed) and shall be recovered from the running bills of the work from time to time and remaining amount if any shall be recovered from the final bill before releasing the security deposit of the work. The contractor shall furnish the statement showing the quantity of quarried materials / minerals from whom purchased (with full address of the seller) and copies of the bills for purchase to the Executive Engineer of the in charge of the work. The contractor shall also furnish such additional information as regards royalty payment to the competent authority.
- (32) Agency shall have to take Insurance policy and intimate to GWSSB along with the evidence within time limit. In case of noncompliance entire responsibility shall be rest with the agency and required amount shall be recovered from any due amount of the agency.
- (33) GWSSB can recover penalty amount from the agency for not taking the insurance Though the penalty amount is recovered, responsibility of the agency for taking insurance shall be continued and will not be escaped from the responsibility.

Signature of contractor

Executive Engineer

BID FORM

Bidders are required to fill up all the blank spaces in this Bid Form.

TO:

THE EXECUTIVE ENGINEER,
PUBLIC HEALTH MECHANICAL DIVISION,
BHUI - KACHCHH

Dear Sir,

SUB:Dismantalling, Repairing and fitting of Electromechanical accessories including required supply of spares at Mangwana HW (Mothada Section),Tal: Nakhtrana including supply of required accessories under M&R to Suthari RWSS Programme:2025-26 in Kutch District.”

The bidder shall quote his firm and fixed price for the entire work under this Contract, defined in more details in various sections of this bid document.

1. Having visited the site and examined the Bid Documents, Drawings, Conditions of Contract, Specifications, Schedules, Annexure, Preamble to Price Schedules, Price Schedules etc. including Addenda/Amendments to the above, for the execution of the above Contract, we the undersigned offer to design, Engineer, procure, construct, complete, commission, operate and maintain the whole of the said works for 10 years from the date of commissioning including defects liability period as given in Conditions of Contract and in conformity with the drawings, conditions of Contract, specifications, Preamble to Price Schedules, Annexure, Bidding Documents, including Addenda Nos._____ (insert numbers) for Lump sum fixed price of Rs._____.Rupees_____) for Construction including free trial run for three months or such other sum as may be ascertained in accordance with the conditions.
2. I/We agree that
 - a) if we fail to provide required facilities to the Employer's representative or any other person/Agency by the Employer to perform on his behalf for carrying out the inspection and testing of materials and workmanship.

Or
 - b) if we incorporate into the Works, materials before they are tested and approved by the Engineer's representative.

Or

- c) if we fail to deliver pure water of required quantity according to the conditions/stipulations of the Contract, the Engineer will be at liberty to take any action including termination of Contract and impose at his absolute discretion any penalties, and/or reject the work.
3. We undertake, if our Bid is accepted, to complete and deliver the works in accordance with the Contract within _____ months, inclusive of monsoons, from the date of receipt of Letter of Acceptance issued to us by you.
4. We agree to abide by this Bid for a period of 180 days from the Last date of submission of the bill and it shall remain binding upon us and may be accepted at any time before the expiry of that period.
5. In the event of our Bid being accepted, we agree to enter into a formal Contract Agreement with you incorporating the conditions of Contract there to annex but until such agreement is prepared this Bid together with your written acceptance thereof shall constitute a binding Contract between us.
6. We agree, if our Bid is accepted, to furnish performance /Security in the forms and of value specified in the Clause 1 of Volume-IB, "General Conditions of Contract".
7. We have independently considered the amounts of liquidated damages shown in Appendix to Bid and agree that they represent a fair estimate of the damages likely to be suffered by you in the event of the work not being completed by us in time.
8. We understand that you are not bound to accept the lowest or any Bid you may receive.

Dated this _____ day of 2026

(Signature)

(Name of the Person)

Company Seal _____

(Name of Firm)

Duly authorized to sign Bid for and on behalf of (fill in block capitals)

Witness Signature _____

Name _____

Address _____

NAME OF SCHEME-Suthari Regionals Water supply Scheme

Name of Work: Dismantalling, Repairing and fitting of Electromechanical accessories including required supply of spares at Mangwana HW (Mothada Section),Tal: Nakhtrana including supply of required accessories under M&R to Suthari RWSS Programme:2025-26 in Kutch District.”

The bidder shall quote his firm and fixed price for the entire work under this Contract, defined in more details in various sections of this bid document.

SCHEDULE-A

Schedule showing the approximately the materials to be supplied to the contractor from government stores for the work to be executed and the rate at which they are to be charged.

Schedule-A					
Schedule Showing the Approximate Materials to be Supplied by the Department for the work to be Carried out in this Contract and Rate which they are to be Charged.					
Sr. No.	Description	Quantity	Rate of which material charge	Unit	Place of delivery of materials
1	Flat PVC Cable 1X3X04 Sq.mm.	1	Free of Cost	Set	Departmental Store as directed by Engineer in charge.

Note:-

1. Materials not included in “Schedule – A” but required for the work shall be provided by the contractor at his own cost.
2. Any materials required for items other than labour charges items mentioned in “Schedule – B” and materials not included in “Schedule – A” but available with dept. will be issued on request of the contractor at departmental issued rate or market rate whichever is more.
3. The contractor shall provide his own arrangement for loading, unloading and transporting the materials issued by the dept. from store to site at his own cost. Contractor will be responsible for damages whatsoever during transfer.
4. The unused materials issued by the department for this work shall be returned to the department in good and acceptable condition by the contractors. Any such unused materials not returned by the contractor in time or issued will be recovered at Double of (As per issue rate + 3% storage charge or Board RC + 3% storage charges) whichever is more.
5. All materials such as Specials, Fittings, Spares,PAC solution and Alum/PAC etc. shall be brought by Agency / Contractor at site of work.
6. Contractor shall supply chlorine gas

7. The material which requires to be procured by contractor and same as available with the department the same can be issued to the contractor after prior approval from the competent authority and charged for the same will be at the current market rate or issue rate fixed by the department whichever is higher. The contractor shall have to deposit total cost of materials issued or shall be recovered from the running account bill.
8. The materials issued for the above work shall be used in the above O&M work only. If any of materials issued for this work and found used in other works shall be charged at the double rate.
9. As per the instructions of the competent authority and availability of materials, if needed contractor have to transport the same from the other store to Various RWSS Scheme for which no extra carting, loading, unloading will be paid.
10. The materials issued free of cost to the contractor is to be transported to the site of work in good condition by the contractor for which no extra payment will be made.
11. The materials to be brought/purchase by the contractor shall be got approval from the EIC before using in the work.

Signature of contractor

**Executive Engineer
P.H.Mech Dn., G.W.S.S.B
Bhuj-kachchh**

SCHEDULE-B

Name Of Work :- Dismantalling, Repairing and fitting of Electromechanical accessories including required supply of spares at Mangwana HW (Mothada Section) machineries including accessories for Abdasa RWSS Tal: Nakhtrana at under M&R to Suthari RWSS Programme:2025-26 in Kutch District.

Head Works :- Mangwana HW (Mothada Section) , Taluka: Nakhatrana

	Description of Items	Qty .	Unit	Rate (Rs.)		Amount (Rs.)
				Supply	Labour	
	Manufacture, Supply & Delivery of Electric Resistance Welded (Up to 400mm)/Submerged Arc Welded(Above 400mm) M.S.Pipe having beveled ends plate or coll conforming to IS-3589-2001 or its latest revision ammendment for following thickness outside diameter at GWSSB store or site anywhere in Gujarat State including all taxes, insurance, transportation, freight charges, octrol, inspection charges, loading, unloading conveyance to Departmental stores, stacking etc. all complete. (Rate for MS Pipe based on the ex. works price of HR Coil as Rs.58500.00 per MT - withouth GST (Above 3.15 mm to 10 mm) & Rs. 59000.00 per MT without GST (Above 10 mm) as on Jan-23.(WPI Index of H. R Coil of Dec-22 is 144)					
a	323.9 mm OD & 4.5 mm thickness	6	Rmt	2505.00	297.00	16812.00
b	406.4 mm OD & 6.3 mm thickness	5	Rmt	4393.00	354.00	23735.00
2	Sluice Valves PN-1.6 with handwheel/Cap operated (PD type short body)					
	Providing and supplying ISI mark CI D/F Sluice Valves as per IS:14846 (Latest Edition) of following class and diameter including all taxes, insurance, transportation, freight charges, octroi, inspection charges, loading, unloading, conveyance to departmental stores, stacking etc. complete. including Lowering, laying and jointing in position following C. I. / D/F Sluice valves and Air valves including cost of all labour, jointing material, including nut bolts and giving satisfactory hydraulic testing, etc. complete.					
d	300 mm dia	3	Nos.	20946.00	1141.00	66261.00
e	400 mm dia	3	Nos.	47009.00	1971.00	146940.00
3	Reflux Valves PN 1.6 IS 5312 with ISI Mark					

	Providing and supplying ISI mark CI D/F Reflux Valves as per IS:5312 (Latest Edition) of following class and diameter including all taxes, insurance, transportation, freight charges, octrol, inspection charges, loading, unloading, conveyance to departmental stores, stacking etc. complete. including Lowering, laying and jointing in position following C. I. / D/F Reflux valves including cost of all labour, jointing material, including nut bolts and giving satisfactory hydraulic testing, etc. complete. Size : 500 mm Dia	1	Nos.	140518.00	2905.00	143423.00
4	Expansion Bellow PN 1.6					
	Supply, installation, testing & commissioning of flange ends Expansion Bellow as per EJMA standards of overall length of minimum 300 mm, designed for 15 mm axial compression and 5 mm axial extension with tie rods etc. of following MOC & pressure ratings. MOC: Bellows: SA 240 Gr. 304; Internal Sleeve: SA 240 Gr. 304; Weldends: IS 2062 Gr. B; Flanges: IS 2062 Gr. B (Drilling as per IS 1538/IS 6392) & Limit Rods & Nuts: CS-IS 1367.					
a	NB 300 mm & width 300 mm	3	Nos.	10800.00	0.00	32400.00
b	NB 400 mm & width 300 mm	3	Nos.	17640.00	0.00	52920.00
c	NB 500 mm & width 300 mm	1	Nos.	23400.00	0.00	23400.00
5	M.S. Specials for Bent, Flange, Nut Bolts, T joint, Reducer, Expanser etc. as per site requirement	400	kg	96.00	9.60	42240.00
6	Thrust Block Supply at site, installation, testing and commissioning of lying reinforced cement cinctrete in foundation, thrust block/ piping support etc. with black trap crush metal as coarse aggregate for raft, grillage footing with necessary centering frame work consolidating as per directive in 1:2:4 ratio.	2.5	Cum	8566.40	0.00	21416.00
7	Butterfly Valve (PN 1.6)					
	Providing and supplying ISI mark CI D/F Butterfly Valves as per IS:13095 (Latest Edition) of following class and diameter including all taxes, insurance, transportation, treight charges, octroi, inspection charges, loading, unloading, conveyance to departmental stores, stacking etc. complete. Size : 500mm Dia	1	Nos.	46518.00	2905.00	49423.00
8	Dismantalling of different valves from existing pump suction, delievery, common header at Mangwana-Mothala section Pumphouse	1	Job	0.00	4985.25	4985.25

9	Valve Chambers and Manholes Construction of valves chambers in brick or bela stone masonry, locally available in C. M. 1:6. Foundation concrete 150 mm thick in C. C. 1:4:8 of trap metal size 25 mm to 40 mm thick, inside cement plaster in C. M. 1:3 and cement pointing outside in C. M. 1:3 and top cover of precast RCC slab 100 mm thick (with key hole in two parts, each with handles or MS Bar etc, complete, as given size) Upto 1 Mt. depth from G. L. to pipe invert level ind. complete civil works but excl. cost of excavation and refilling, with cast in situ RCC slab in one single piece with fixing of CI-MH Frame and cover (excl. cost of CI-MH Frame and cover) with 23 mm thick brick masonry wall in C.M. 1:6					
a	Size 1.30 mX1.30mX1.0 mtr deep With precast slab in two parts 15 mm	2	Nos.	11351.00	0.00	22702.00
b	For 1 mtr extra depth	1	Nos.	6084.00	0.00	6084.00
10	Excavation Work:Excavation for pipe line trenches for water supply, sewerage line, manhole etc. all with shoring and struting if required as per required gradient and line including safety provisions using site rails and stacking excavated stuff including up to all required lead cleaning the site etc.complete for all lifts and strata as specified.					
a	In all sorts of soil and soft murrum Up to 1.5 mtr Depth	4	Cum	89.00	0.00	356.00
b	In hard murrum, boulders incl. macadam road. 1.50 mt to 3 mt depth	4	Cum	148.00	0.00	592.00
11	Dewatering Pumpset Monobloc pump 3 phase 400/440 volt, 50 Hz AC Supply & 2800 RPM as per IS 9079 at Casing: CI-FG260, Impeller: Bronze & Shaft: SS:410 Head. 10 mtr to 24 mtr, Discharge- 250 to 400 LPM, 5 HP (cost including SITC with required cabling and fitting)	1	Set	16320.00	0.00	16320.00
Total Amount of Schedule-B Rs....						670009.25

(Rupees Six Lac Seventy Thousand Nine Rupees & Twenty Five Paise Only)

I / We am / are willing to carry out the work at _____% above / below. Percent (should be written in figure and words) of the estimated rates mentioned above. Amount of my/our tender works out as under:-

Estimated amount Rs.

Estimated amount Rs.

Put to tender Rs.

Put to tender Rs.

Deduct % below Rs.

Net Rs.

In words Rs.

(Please strick out which ever is not applicable)

Add % above Rs.

Net Rs.

In words Rs.

Signature of contractorExecutive Engineer

P. H. Mech. Div., GWSSB-Bhuj

BREAK UP FOR INTERIM PAYMENTS**(CIVIL, MECHANICAL, INSTRUMENTATION & ELECTRICALWORKS)**

Item	Description of Items	Percentage Payment to be released
1	PIPELINE	
a	On receipt of materials at project site	65 % of Quoted rate
b	On Excavation, Lowering, laying and Jointing	20 % of Quoted rate
c	On Hydraulic testing	5 % of Quoted rate
d	On refilling and disposal of surplus stuff	5 % of Quoted rate
e	After commissioning	5 % of Quoted rate
	Total	100%
2	VALVES	
g	On receipt of materials on site	70 % of Quoted rate
h	On erection	20 % of Quoted rate
i	On Hydraulic testing	5 % of Quoted rate
j	After commissioning	5 % of Quoted rate
	Total	100%
3	PUMPING STATION / STAFF QUARTERS / MATERIAL SAFETY ROOM / PUMP ROOM	
a.	On approval of Designs	2.0 % of Quoted rate
b.	On completion of Excavation & base slab	18.0 % of Quoted rate
c.	On completion of vertical wall up to plinth	20.0 % of Quoted rate
d.	Full supporting structure incl. ring beam and top slab	15.0 % of Quoted rate
e.	On completion of pump house incl. fixing doors Windows	10.0 % of Quoted rate
f.	Plastering inside & outside with epoxy paint etc (completed with all respects)	10.0 % of Quoted rate
g.	Painting of letters, MS ladder pipe, railing and all miscellaneous items such as snowcem paints in three coats etc. (completed with all respects)	15 % of Quoted rate
h.	After Completion	10 % of Quoted rate
	Total	100%
4	GROUND (UNDERGROUND) LEVEL SERVICE RESERVOIRS/SUMPS	
a.	On approval of designs	2 % of Quoted rate
b.	On completion of excavation and base slab	18 % of Quoted rate
c.	On completion of vertical wall and braces	20 % of Quoted rate
d.	Full supporting structure including column, ring beam and completion of top slab / dome	15 % of Quoted rate
e.	Plastering inside & outside with epoxy etc. complete	10 % of Quoted rate
f.	Procurement and fixing of inlet, outlet, washout, overflow pipes, valves, specials, chambers,	15 % of Quoted rate

	lighting arrester conductor and specials at site	
g.	Water level indicator, painting of letters, M.S ladder, pipes, railing and all miscellaneous items such as snowcem paint in three coats etc (Completed with all respect) including water tightness test	10 % of Quoted rate
h.	On hydraulic testing	10 % of Quoted rate
	Total	100%
5	Elevated Storage Reservoir	
a	On submission of Designs	2.5% of Quoted rate
b	On approval of Designs	2.5% of Quoted rate
c	On Completion of excavation	7.5% of Quoted rate
d	On completion of staging height up to reservoir	22.5% of Quoted rate
e	On Completion of Floor Reservoir	22.5% of Quoted rate
f	On Completion of walls of Reservoir	22.5% of Quoted rate
g	On Completion of Roof of reservoir with all related piping and	20.0% of Quoted rate
	Total	100%
6	All Electro-mechanical works and Instrumentation	
a.	On supply of material at work site in good condition	65% of Quoted rate
b.	On erection of Equipment	25% of Quoted rate
c.	On completion of Testing & Commissioning of Equipment	5% of Quoted rate
d.	Satisfactory running of system.	5% of Quoted rate
	Total	100%
7	WATER TREATMENT PLANT(CONVENTIONAL)	
(I)	Site survey and subsoil investigations	1% of Quoted rate
	Completion of field surveys and subsoil investigations and de-mobilization from site of survey team	25%
	Submission of surveys and soil investigation reports and acceptance by the Engineer	75%
	TOTAL	100%
(II)	Detailed designs and construction documents	2% of Quoted rate
	Substantial completion, submission and approval by the Engineer of the designs, drawings and construction documents for all major items of work	60%
	Submission and approval by the Engineer of the final designs and construction documents for all remaining and miscellaneous construction details and working drawings	40%
	TOTAL	100%
(III)	Inlet chamber	4% of Quoted rate

	Excavation	5.0%
	Works up to Ground Level	10.0%
	RCC works up to top including all supply and fixing of related materials	60%
	Finishing all surfaces including painting	15.0%
	Hydraulic test	5.0%
	Commissioning	5.0%
	TOTAL	100%
(IV)	Raw water channel from inlet chamber To flash mixer	2%
1	Excavation for supporting structure	5.0%
	Works up to G.L.	15.0%
	All RCC works including all supply and fixing of related materials upto floor level	30.0%
	Completion of all civil works including all supply and fixing of related materials	35.0%
	Hydraulic test	10.0%
	Commissioning	5.0%
	TOTAL	100%
V)	Flash Mixer	4 % Quoted rate
	Excavation	5.0%
	Works up to Ground Level	10.0%
	R.C.C. works up to top including all supply and fixing of related materials	60.0%
	Finishing all surfaces including painting	15.0%
	Hydraulic test	5.0%
	Commissioning	5.0%
	TOTAL	100%
VI)	Clariflocculator Works	2 0 % Quoted rate
	Excavation	5%
	RCC wall upto flooring including all supply and fixing of related materials	30%
	RCC wall upto 1st lift (50% of the design height)	5%
	RCC wall upto 2nd lift (100% of the design height)	10%
	RCC wall upto top including all supply and fixing of related materials	20%
	Remaining all works including all supply and fixing of related materials	15%
	Hydraulic testing of water retaining structures	5%
	Finishing of all surfaces and painting coating etc.	5%
	Commissioning	5%
	TOTAL	100%
VII)	RCC Channel from Clariflocculator to Filter Bed	5% Quoted rate
	RCC Works for floor slab including all supply and fixing of related materials	40%
	Completion of all works and finishing all surfaces	50.0%

	including painting, supply and fixing of related materials	
	Hydraulic test	5.0%
	Commissioning	5.0%
	TOTAL	100%
VIII)	Filtration Works	40% Quoted rate
	Excavation	5%
	RCC wall upto filter floor level including pure water channel floor slab	10%
	Up to operating platform	15%
	RCC wall upto top slab including all laboratory and other units	30%
	Completion of all the remaining works including back wash tank and related arrangements; all supply and fixing of related materials	30%
	Hydraulic testing/liquid retaining structures	5%
	Commissioning	5%
	TOTAL	100%
IV)	Chemical Works	15 % Quoted rate
	Excavation	5.0%
	RCC/Masonry work below plinth	15%
	RCC work upto 1st floor	30%
	RCC works upto roof slab	20.0%
	Completion of the remaining works including painting, finishing; supply and fixing of related materials	30%
	TOTAL	100%
X	Miscellaneous Works THESE WORKS INCLUDES By pass CI pipeline from Inlet chamber to clear water sump. CI pipeline from flash mixer to clariflocculator. Pure water CI pipeline from filter beds to clear water sump. Bye pass CI pipeline from clariflocculator to clear water sump. CI wash water pipeline from proposed wash water tank to filter beds. Wash water CI pipeline from filtration bed to Natural drain.	5% Quoted rate
XI	All other related and required works as directed Submission of As built drawings and training to staff	2% of Quoted rate
8	Valve chambers	
A	On completion works as per approved drawings	95% of Quoted rate
B	After commission of system	5% of Quoted rate
	Total	100%

9	Miscellaneous work	
A	All other items such as encasing, columns support for culvert, pipe bridges for Canal /Drain/Khadi crossing, internal roads, railway/highway crossing, Anchor/thrust blocks, steel bridge for pipe crossing, Construction of Compound Wall & Repairing and Renovation work etc.	80% of quoted rate on completion of works
B	On commissioning of the system	20% of quoted rate
	TOTAL	100%
10	Operation and Maintenance	
A	Every month in equal instalment based on quoted prices of O & M will be paid	

Note :- Any Changes to be made in all above Payment Schedule can be decided by Chief Engineer, Zone - 4, Kachchh and it shall be binding to the contractor.