

CONTRACT NO.

GUJARAT WATERSUPPLY & SEWERAGE BOARD

GANDHINAGAR

(A WHOLLY OWNED GOVERNMENT OF GUJARAT UNDERTAKING)



Bid Documents for Providing Supplying ,Lowering laying & Jointing of D.I. Pipe Line at Nagviri Village Site. Lakhpat Regional Water Supply Scheme for General Budget Demand -67 (WSS-6 General)

Estimated Cost :- Rs. 66,08,826.73

VOLUME- III

PRICE-BID

Executive Engineer
Public Health Works Division,
Gujarat Water Supply & Sewerage Board
Nakhatrana - Kachchh

Bid Documents for Providing Supplying ,Lowering laying & Jointing of D.I. Pipe Line at Nagviri Village Site. Lakhpat Regional Water Supply Scheme for General Budget Demand -67 (WSS-6 General)**VOLUME - III****Contents**

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PREAMBLE TO PRICE SCHEDULE**Name of Work :- Providing Supplying ,Lowering laying & Jointing of D.I. Pipe Line at Nagviri Village Site. Lakhpat Regional Water Supply Scheme for General Budget Demand -67 (WSS-6 General)**

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) 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.
- (2) 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.
- (3) Price **Schedule-A** gives the Schedule showing approximately the materials to be free supplied from the by client.
- (4) In **Schedule-B** the Bidder shall quote prices for the items on lump sum / unit rate as called for against the BOQ item.
- (5) In Price Schedule-B, bidder shall quote his price for entire work. Prices quoted in Schedule-B only will be considered for price evaluation & shall form a part of the Contract Agreement.
- (6) In the Price Schedule B, bidder shall furnish breakup of his prices quoted in Price Schedule-B and shall be carried forward to Schedule-B for comparison and evaluation.
- (7) 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.
- (8) 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.
- (9) 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.
- (10) The total of the item prices in Price Schedule B and Schedule-C 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. 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 and Schedule-C of the successful bidder shall be corrected accordingly. Only Price Schedule-B after carried over and arithmetic corrections if any will be considered for financial evaluation of the bid.
- (11) Schedule 'D gives the basis of interim payment for construction of works.
- (12) 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 execution of works. The rates 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.
- (13) Prices shall be filled online only.
- (14) 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.
- (15) The bidder shall interpret the data furnished and carry out any additional survey work, or investigation work required at his own cost.

- (16) The prices quoted shall also include the cost of materials utilized for testing.
- (17) 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.
- (18) 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.
- (19) 1% of the value of work will be deducted from the Running bill against labour cess which is non refundable.
- (20) Third Party Inspection / CSC agency will be deployed by GWSSB and charges of the same will be borne by GWSSB.
- (21) 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.
- (22) The Rates quoted shall be exclusive of GST, but inclusive of all other taxes and cess or levies or 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 variation. 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.
- (23) The rates should be quoted Exclusive of GST and all other taxes as per Volume-I (B), General Conditions of Contract, Clause No. 47.
- (24) The rates quoted shall be Exclusive of GST, which shall be paid extra. The TDS shall be deducted at source as per provision of IT rules and GWSSB policy.
- (25) 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.
- (26) 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-IB Clause No. 59, General Conditions of Contract.
- (27) Payment shall be made for the components for which lump sump 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.
- (28) 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 & Kalpsar 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.
- (29) Agency shall have to take Insurance policy and intimate to GWSSB along with the evidence within time limit. In case of non compliance entire responsibility shall be rest with the agency and required amount shall be recovered from any due amount of the agency.
- (30) 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.
- (31) The contractor shall apply fair means of stock maintenance and shall adopt accounting standard as may be prescribed under GST Act as applicable in the state of Gujarat. For arriving at the difference in procurement prices due to introduction of GST it will be open for the Board to ask for original invoices, lorry receipt, weigh bridge slips, payment details and such other documents as may be required for the purpose.
- (32) The claim of contractor regarding GST shall have to be backed by documentary evidence substantiating the actual payment of tax duly certified by the competent tax authority. The final decision regarding the quantum of claim amount to be recovered or reimbursed shall be of the competent authority of the GWSSB and shall be binding on the contractor.

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 WORKS DIVISION,

.....

Dear Sir,

SUB: **“Providing Supplying ,Lowering laying & Jointing of D.I. Pipe Line at Nagviri Village Site. Lakhpat Regional Water Supply Scheme for General Budget Demand -67 (WSS-6 General)”**

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 5 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 or 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 _____ 2021

(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 -

“Providing Supplying ,Lowering laying & Jointing of D.I. Pipe Line at Nagviri Village Site. Lakhpat Regional Water Supply Scheme for General Budget Demand -67 (WSS-6 General)”

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.

SR.no	Particular	QTY	Rate at Which the material will be charged to the contractor		Place of Delivery
			Rate	Unit	
1	2	3	4	5	6
Nill					

Note:-

1. The contractor submitting the Tender shall see that the rate in Schedule-A are filled in by the Engineer in Charge at the time of issue tender.
2. The contractor while submitting the tender shall provide his own arrangement at his own cost for loading, unloading, and transporting safety to the site of work the cement stipulated in Schedule-A
3. Binding wire of 15 gauge of thinner gauge required for placing the reinforcement in position shall be provided at his own cost.
4. All the materials required for the items other than labour in Schedule-A but available with the dept. will be issued on request to the contractor. (for use in this contract only) at prevailing market rates or departmental issue rates whichever is higher.
5. All the surplus materials supplied by the deptt. As mentioned in schedule-A should be handed over to the Department by the contractor at the Govt. stores as directed.
6. The materials mentioned in schedule-A shall have to be checked for their correctness and soundness by the contractor before taking the delivery of the materials from the Government.
7. Necessary cement will be purchased by the agency at their own cost from open market.
8. The persons of firm submitting the Tender should see that rates in the above schedule are filled up by the Executive Engineer, on the issue of form prior to the submission of the Tender.
9. Carting of above materials should be done by contractor at his own cost.
10. Contractor should return the balance materials in good and acceptable condition, otherwise recovery at the double rates will be affected in view of Clause 12.4.

Date:

Signature of contractor

**Executive Engineer
P. H. Works Dn., G.W.S.S.B
Nakhatrana - Kachchh**

SCHEDULE B

Name of Work :- Providing Supplying ,Lowering laying & Jointing of D.I. Pipe Line at Nagviri Village Site. Lakhpat Regional Water Supply Scheme for General Budget Demand -67 (WSS-6 General)						
Taluka. Lakhapat				Dist. Kachchh		
:::: SCHEDULE - B ::::						
Schedule Showing the Approximate Itemwise Quantities of Work to be Carried out Under this Contract.						
Cost Put to the Tender RS. 66,08,826.73						
Sr.No.	Description of Item	Qty	Tender Rate	Rate In Figure	Per	Amount
1	2	3	4	5	6	7
PART:- A Providing, Supplying, Lowering, Laying And Jointing of DI Pipe Line						
1	Item No. 1					
	Providing and supplying D.I. pipes for following nominal bore diameter with internal cement mortar lining including all taxes, insurance, transportation, freight charges, octroi, inspection charges, loading, unloading, conveyance to departmental stores, stacking etc. complete as per (IS - 8329 / 2000)					
	400 MM DIA D.I. K-7 PIPE LINE WITH E.D.	1177.00	4583.00	Rupees Four Thousand Five Hundred Eighty Three only	Rmt	5394191.00
2	Item No. 2					
	Providing and supplying C. I. Temper proof Air valves with SS 304 Float gun metal-nozzle of approved make & quality of following class and diameter including all taxes, insurance, transportation, freight charges, octroi, inspection charges, loading, unloading, conveyance to departmental stores, stacking etc. complete.	3.00	8748.00	Rupees Eight Thousand Seven Hundred Forty Eight only	Nos.	26244.00
	100 mm dia Temper proof Air valves					
	Without Isolating Sluice Valve PN 1.0					
3	Item No. 3					
	Erection of airvalve riser by installing new M.S pipe of 6mm thick and 3.2mt length with necessary fittings such as flange of appropriate size, nut bolts and embed the pipe in R CC M;15 with offset of 10 cm around pipe with necessary steel etc complete.	3.00	5443.00	Rupees Five Thousand Five Hundred Forty Three only	Nos.	16629.00
	(A) Air Valve 100 mm dia, Without isolating Sluice Valve PN 1.0					
4	Item No. 4					

	Manufacture, Supply & Delivery of Ductile Iron Flange socket spigot bends, tees, reducers or any other specials as per BS-EN-545/1995 Class-A series K12 suitable for use with D.I. Pipes manufactured as per IS:8329/1994 delivery of specials is to be made to GWSSB store or site of works any where in Gujarat including all taxes, loading, unloading, carting, stacking, insurance, inspection charges, octroi etc. complete.					
	400 MM DIA D.I. K-7 PIPE LINE /Above 350 mm Dia. Pipe	750.00	151.00	Rupees One Hundred Fifty One only	KG	113250.00
5	Item No. 5					
	Excavation for pipe line trenches for water supply, sewerage line, manhole etc. allwith shoring and strutting if required as per required gradient and line including safetyprovisions 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) FROM DEPTH 0.00 TO 1.50 MTR.					
	a) In all sorts of soil and soft murrum	583.00	89.00	Rupees Eighty Nine only	CMT	51887.00
	b) In hard murrum,boulders including macadam road	583.00	135.00	Rupees One Hundred Thirty Five only	CMT	78705.00
	c) In Soft Rock	777.00	163.00	Rupees One Hundred Sixty Three only	CMT	126651.00
6	Item No. 6					
	Lowering Laying and jointing C.I. S& S.spun pipes suitable for tyton joints/mortarlined D.I. pipes of various classes with CI/MS specials of following diameters in proper position, grade and alignment as directed by engineer In charge including hydraulic testing etc. complete.					
	400 MM DIA D.I. K-7 PIPE LINE WITH E.D.	1177.00	225.00	Rupees Two Hundred Twenty Five only	RMT	264825.00
7	Item No. 7					
	Lowering, laying and jointing in position following C. . / D/F Reflux valves, Butterfly valves, Sluice valves and Air valves including cost of all labour, jointing material,including nut bolts and giving satisfactory hydraulic testing, etc. complete.					

	100 MM DIA Temper proof Air valves, Without isolating Sluice Valve PN 1.0	3	526.00	Rupees Five Hundred Twenty Six only	Nos.	1578.00
8	Item No. 8					
	Providing C.C.M.:100 for Encasing pipes using trap metal size 12 mm to 50 mm incl. form work curing consolidation etc. complete for various location on pipe line					
	For Various Section of Pipe using trap metal 20 mm nominal size	77.44	4113.80	Rupees Four Thousand One Hundred Thirteen & Paise Eighty only	CMT	318572.67
9	Item No. 9					
	Refilling the pipeline trenches incl. ramming, watering, consolidating disposal of surplus stuff as directed within a radius of 3 km.					
	Refilling as directed with Excavated Stuff	1716.73	22.0	Rupees Twenty Two only	CMT	37768.06
10	Item No. 10					
	JOB Work of Main Existing Pipeline 400 mm dia. And newly laid pipeline of same size of existing pipeline (Khirasara H.W. To Zumara H.W.) 2 Nos	2	12914.00	Rupees Twelve Thousand Nine Hundred Fourteen only	JOB	25828.00
11	Item No. 11					
	Removing of Existing Pipeline incl. removing of specials, valves jointing, material including carting and stacking of removed material from site to work to The Department store as directed excl. excavation and refilling					
	400 mm DI Pipe	1177.00	106.00	Rupees One Hundred Six only	RMT	124762.00
12	Item No. 12					
	Transportation of Pipe with manual loading & unloading ia as per annexure (A) & Transportation of pipe with loading & unloading with a crane as per annexure(B)					
	400 mm DI Pipeline (removed DI Pipe)	12	2328.00	Rupees Two Thousand Three Hundred Twenty Eight only	Trip	27936.00
				Part :- A TOTAL Rs.		66,08,826.73

	ABSTRACT					
Sr. No.	Description of Item			Amount Rs.		
1	PART:- A Providing, Supplying, Lowering, Laying And Jointing of DI K-7 Pipe Line			66,08,826.73		

SCHEDULE D**PREAMBLE**

1. As mentioned in the Conditions of contract, the Contract being a lump sum type turnkey Contract on EPC basis, the provision of measurement will be applicable only for the assessment of value of work done for inclusion in any interim certificate for part payment to the Contractor.
2. The Schedule specifies the procedure for all such assessment of the items specified in Schedule B.
3. Each item of Schedule-B has been divided into broad components. The Employer's Representative shall assess the value of each component as indicated in paragraph 6 herein below.
4. Percentages are indicated against each component of each items specified in Schedule B, based on the Employer's best appreciation of the value of the component as related to the total costs of the concerned item as whole. A head titled (any other item(s)) is included in each breakdown of schedule and the tenderer shall at the time of tendering indicate any additional items which he considers necessary but cannot be covered by any of the heads indicated in the breakup.
5. The percentage breakup as indicated in the Schedule may differ from that corresponding to the tenderer's scheme and design and he should take this into account while quoting his lump sum prices for the items specified in Schedule-B.
6. The contractor shall, after approval of his detailed designs and drawings furnish to the Employer's Representative an initial bill of quantities to all major items, to be reviewed and updated periodically with the Employer's Representative. This bill of quantities will be used for assessment of percentage progress of the component at any stage. By measurement jointly taken by the Employer's Representative and the Contractor, mutually agreed and entered in the measurement books in the form and by the method approved by the Employer's Representative, and signed jointly by both the parties.
7. Before carrying out the work by the contractor in this tender, the actual survey-based pipeline hydraulics for the pipeline network has to be approved at the competent level, and the quantity of pipes has to be obtained accordingly. Payment will not be made for the quantity of additional pipes other than the approved quantity i.e., Excess pipes that do not have to be laid.

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, lighting arrester conductor and specials at site	15 % of Quoted rate
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	20 % 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 including painting, supply and fixing of related materials	50.0%
	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	
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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.

I/We am/are willing to carry out at % Above/Below
 (percentage should be written in figures and words)

Estimated Amount Rs: 66,08,826=73
 (%) Above:

Estimated Amount Rs: 66,08,826=73
 (%) Below:

Tender Amount in Rs.....

Tender Amount in Rs.....

In Words:

In Words:

Contractor's Signature

Executive Engineer