

**CONTRACT NO.**

**GUJARAT WATER INFRASTRUCTURE LIMITED  
GANDHINAGAR**



**(A WHOLLY OWNED GOVERNMENT OF GUJARAT UNDERTAKING)**

**Providing, supplying, lowering, laying, jointing, hydro-testing, and commissioning of Mild Steel (MS) pipeline, including all associated and allied works, for the onshore laying and offshore installation of the NC-9 bulk water pipeline including piling and encasing works in creek along the Surajbari Bridge, including all necessary crossings and structural supports at Maliya, Taluka Maliya, District Morbi.**

**VOLUME – III  
PRICE BID**

**Chief General Manager (Project)  
Gujarat Water Infrastructure Limited  
1<sup>st</sup> floor Block – 1, Jivraj Mehta Bhavan, sector-10 Gandhinagar,  
Gujarat – 382015**

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## PREAMBLE TO PRICE SCHEDULE

**Name of Work:** *“Providing, supplying, lowering, laying, jointing, hydro-testing, and commissioning of Mild Steel (MS) pipeline, including all associated and allied works, for the onshore laying and offshore installation of the NC-9 bulk water pipeline including piling and encasing works in creek along the Surajbari Bridge, including all necessary crossings and structural supports at Maliya, Taluka Maliya, District Morbi.”*

- (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 by the client.
- (5) In **Schedule-B** the Bidder shall quote prices for the work.
- (6) The bidder should quote his bid premium or rebate at the end of Schedule B ~~and Schedule C~~. The rates shall be quoted in reference to detail BOQ (Schedule B1, B2, ..... Schedule E ~~and Schedule C~~) in line with Volume III Price Bid. If bidder does not wish to quote premium or rebate, he should indicate "at par" in the blank space preceding "% above / below" in Schedule B ~~and Schedule C~~. Thereafter bidder shall work out and indicate the Total offered bid amount both in words and figures for Total amount of Schedule B ~~and Schedule C~~. For any excess over tender quantities, Extra items and variations in quantities, refer clause no. 14 on Volume- 1B – General Condition of Contract.

The % above/ below or at par rates and prices shall be submitted in the electronic formats given by n-procure. % above/ below or at par Rates and prices received in any other formats will be rejected and the Bids will be disqualified.

- (7) Price quoted in SUMMARY (SCHEDULE-B) shall be firm and fixed during the pendency of the contract, except for item under- price variation clause. Each item rate of Schedule B ~~and Schedule C~~ shall be worked out by applying the same % above/below or “at par” quoted for the Total Tender amount (Total of Schedule B ~~and Schedule C~~) given in detail in Volume III Price Bid.
- ~~(8)~~ The agency with the lowest quoted percentage rate (by considering rebate if any), will be considered as L-1 agency. The same percentage (above/below) quoting shall be applicable to all rates in capital works (Schedule B) ~~and O&M works (Schedule C)~~.
- (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) The prices (in percentage) shall allow for all the works covered under the bid and all liabilities and contractual obligations whether separately specified or not.
- (11) The items not specifically listed in this Price Schedules but required to be executed for satisfactory working/safety of the system as specified, will be carried out by contractor.
- (12) Schedule 'D' gives the basis of interim payment for construction of works.
- (13) Price Schedule-B and Schedule-C after arithmetic corrections and rebate, if any will be considered for financial evaluation of the bid.
- (14) 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.

- (15) Prices shall be filled online only.
- (16) 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.
- (17) The bidder shall interpret the data furnished and carry out any additional survey work, or investigation work required at his own cost.
- (18) The prices quoted shall also include the cost of materials utilized for testing.
- (19) 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 GWIL.
- (20) The item descriptions in price schedule for subject matter guidance only and the prices shall include all the equipment / materials / accessories and services required as per the specifications. The bidder shall fill in the price schedule furnished.
- (21) 1% of the value of work will be deducted from the Running bill against labour cess which is non-refundable.
- (22) Third Party Inspection / CSC agency will be deployed by GWIL and charges of the same will be borne by GWIL.
- (23) 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.
- (24) The 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 not be reimbursed by the GWIL.
- (25) 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 provisions of IT rules and GWIL policy.
- (26) 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.
- (27) The bidder 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.
- (28) 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/ pipe as per Volume-1B Clause no. 59, General condition of contract.
- (29) Payment shall be made for the components, as per schedule of payment. Total cost will be worked out on the basis of the work done of individual items/ components, and percentage rates quoted in Price Bid.
- (30) 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.

- (31) Agency shall have to take Insurance policy and intimate to GWIL along with the evidence within time limit. In case of non-compliance entire responsibility shall be rest with the contractor and required amount shall be recovered from any due amount of the agency.
- (32) GWIL can recover penalty amount from the agency for not taking the insurance. Though the penalty amount is recovered, responsibility of the contractor for taking insurance shall be continued and will not be escaped from the responsibility.

**Signature of contractor**

**Chief General Manager (Project)  
GWIL Gandhinagar.**

## BID FORM

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

**TO:**

**CHIEF GENERAL MANAGER (PROJECT)  
GWIL GANDHINAGAR.**

Dear Sir/Madam,

**SUB: ..... (Name of work)**

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. \_\_\_\_\_. [in words] Rupees \_\_\_\_\_) for Construction including free trial run for two 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 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 bid 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 \_\_\_\_\_ month 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 - ..... (Name of work)**

### **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
<b>NIL</b>					

**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) 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.
- (4) All the surplus materials supplied by the department as mentioned in schedule-A should be handed over to the Department by the contractor at the Govt. stores as directed.
- (5) 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.
- (6) Necessary cement will be purchased by the agency at their own cost from open market.
- (7) The persons of firm submitting the Tender should see that rates in the above schedule are filled up by the GWIL, on the issue of form prior to the submission of the Tender.
- (8) Carting of above materials should be done by contractor at his own cost.

**Date:**

**Signature of contractor**

**Chief General Manager (Project)  
GWIL Gandhinagar.**



## SUMMARY (SCHEDULE - B)

Name of Work:	Providing, supplying, lowering, laying, jointing, hydro-testing, and commissioning of Mild Steel (MS) pipeline, including all associated and allied works, for the onshore laying and offshore installation of the NC-9 bulk water pipeline including piling and encasing works in creek along the Surajbari Bridge, including all necessary crossings and structural supports at Maliya, Taluka Maliya, District Morbi.	
SUMMARY (SCHEDULE - B)		
Sr. No.	Description of Items	Amount (INR)
Schedule B1	MS Pipeline Works at Surajbari Bridge for NC-9 Bulk Pipeline	25,10,75,245.00
Schedule B2	ROU & Land Compensation	19,87,472.00
	Total SITC Amount (INR)	25,30,62,717.00
SUMMARY (SCHEDULE - E)		
Schedule E	Buyback of Existing MS Pipeline & Steel Truss	(-) 9,71,00,000.00
	Total Tender Amount (INR)	15,59,62,717.00

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 put to Tender	Estimated amount put to Tender
<b>₹ 25,30,62,717/-</b>	<b>₹ 25,30,62,717/-</b>
<b>Deduct: _____ % below</b>	<b>Add: _____ % above</b>
<b>₹ _____.</b>	<b>₹ _____.</b>
<u><b>Net</b></u>	<u><b>Net</b></u>
<b>₹ _____.</b>	<b>₹ _____.</b>
<b>Deduct: Buyback Amount</b>	<b>Deduct: Buyback Amount</b>
<b>₹ _____.</b>	<b>₹ _____.</b>
<u><b>Final Quoted Amount for Evaluation</b></u>	<u><b>Final Quoted Amount for Evaluation</b></u>
<b>₹ _____.</b>	<b>₹ _____.</b>

**Note:**

Bidder must quote minimum **₹ 9,71,00,000/-** for buyback item [Schedule E].

SCHEDULE - B1: MS Pipeline Works at Surajbari Bridge for NC-9 Bulk Pipeline						
Sr. No.	Item Description	Quantity	Unit	Rate [In INR]		Amount [In INR]
				[In Figures]	[In Words]	
1	Manufacture, Supply & Delivery of Submerged Arc Welded M.S.Pipe having bevelled ends plate or coil conforming to IS-3589-2001 or its latest revision/ amendment for following thickness and diameter at GWSSB/GWIL store or site anywhere in Gujarat State including all taxes, insurance, transportation, freight charges, octroi, inspection charges, loading, unloading conveyance to Departmental stores/ Contractor's own stack yard, stacking, stack yard to site transportation charges etc. all complete. I/S Solvent free food grade Liquid Epoxy Lining (406 micron) as per AWWA C210 + O/S 3 LPE as per DIN 30670 Coated M. S. Pipe. <b>(i) for 1829 mm dia. (OD) and 14.2 mm minimum thickness</b>	3050.0	RM	51,762.0	Rupees Fifty One Thousand Seven Hundred Sixty Two Only	15,78,74,100.00
2	(ii) ... do as above ... <b>for 1300 mm dia. (OD) and 12.5 mm minimum thickness</b>	50.0	RM	32,860.0	Rupees Thirty Two Thousand Eight Hundred Sixty Only	16,43,000.00
3	Lowering, laying, jointing & welding in position to correct line & level M.S. Pipe with outer side 3 LPE coating & inside solvent free liquid epoxy lining on pedestal or chairs upon prepared formation or prepared bedding in trenches the rates include conveyance from store to site of work loading, unloading, field joint coating, 3mm thick heat shrink sleeve conforming to EN 12068/AWWA C216 incl. hydro testing etc. complete. <b>(i) for 1829 mm dia. (OD) and 14.2 mm minimum thickness</b>	3050.0	RM	2,288.0	Rupees Two Thousand Two Hundred Eighty Eight Only	69,78,400.00
4	(ii) ... do as above ... <b>for 1300 mm dia. (OD) and 12.5 mm minimum thickness</b>	50.0	RM	1,669.0	Rupees One Thousand Six Hundred Sixty Nine Only	83,450.00
5	Providing and supplying Cast Steel D/F Butterfly Valves confirming to IS 13095 or equivalent international standards with bypass arrangement 250mm sluice valve of following class and diameter including all taxes, insurance, transportation, freight charges, octroi, inspection charges, lowering, laying, Installation charges, loading, unloading, conveyance to departmental stores/Contractor's own stack yard, stacking, stack yard to site transfer etc. complete, including companion flanges, nut bolts, gasket and giving satisfactory hydraulic testing, etc. complete. <b>For 1800 mm dia., PN 20 (Manually Operated Butterfly Valve) + 250 mm dia DI bypass Sluice Valve, PN 20 with hand/wheel cap operated (PD type Short body) with Bypass arrangement</b>	3.0	Nos.	33,18,000.0	Rupees Thirty Three Lakh Eighteen Thousand Only	99,54,000.00
6	Lowering, laying and jointing in position following Cast Steel D/F Butterfly valves, including cost of all labour, jointing material, including nut bolts and giving satisfactory hydraulic testing, etc. complete. <b>1800 mm dia (Butterfly Valves IS 13095 or equivalent international standards PN 20)</b>	3.0	Nos.	16,821.0	Rupees Sixteen Thousand Eight Hundred Twenty One Only	50,463.00
7	Supply, installation, testing & commissioning of PN 20 flange ends Expansion Bellow as per EJMA standards with companion flanges, accessories erection hardware, necessary mounting supports etc. 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; Weld ends: IS 2062 Gr. B; Flanges: IS 2062 Gr. B, Flanges machined faced and having Dimensions- PCD, OD, Thickness, Holes as per ISO-7005-1 & Limit Rods & Nuts: CS - IS 1367.	3.0	Nos.	1,80,512.0	Rupees One Lakh Eighty Thousand Five Hundred Twelve Only	5,41,536.00

SCHEDULE - B1: MS Pipeline Works at Surajbari Bridge for NC-9 Bulk Pipeline						
Sr. No.	Item Description	Quantity	Unit	Rate [In INR]		Amount [In INR]
				[In Figures]	[In Words]	
	<b>Size- NB 1800 mm, PN-20 and 450 mm minimum width</b>					
8	Providing & supplying Ductile Iron D.F. Scour valves with ISI mark as per IS:14846 (Latest Edition) or equivalent international standards including companion flanges, hardware, and all taxes, insurance, transportation, freight charges, octroi, inspection charges, loading, unloading, conveyance to departmental stores / Contractor's own stack yard, stacking, stack yard to site transportation charges, etc. complete, including supply, installation and joint of drain pipe main for pipeline to river/hala etc. complete. <b>600 mm dia. Scour Valve, PN 20 with hand wheel/cap operated (PD type Short body)</b>	2.0	Nos.	3,04,780.0	Rupees Three Lakh Four Thousand Seven Hundred Eighty Only	6,09,560.00
9	Lowering, Laying and jointing in position following D/F Ductile Iron Scour valve including cost of all labour, jointing material, including nut bolts and giving satisfactory hydraulic testing, etc. complete. <b>600 mm dia. Scour Valve, PN 20 with hand wheel/cap operated (PD type Short body)</b>	2.0	Nos.	3,967.0	Rupees Three Thousand Nine Hundred Sixty Seven Only	7,934.00
10	Providing and supplying 200 mm dia. Ductile Iron Temper proof Air valves as per AWWA C512 with SS 304 float gun metal nozzle of approved make and quality of following class and diameter including companion flanges, fasteners and gasket and all taxes, insurance, transportation, freight charges, octroi, inspection charges, loading, unloading, conveyance to departmental stores/Contractor's own stack yard, stacking, stack yard to site transportation charges, etc. complete. <b>200 mm dia Temper proof Kinetic Air Valve, PN-20 with 200 mm dia. DI isolating sluice valve, PN-20 with hand wheel/cap operated (PD type Short body)</b>	5.0	Nos.	69,927.0	Rupees Sixty Nine Thousand Nine Hundred Twenty Seven Only	3,49,635.00
11	Lowering, laying and jointing in position following Ductile Iron D/F Temper Proof Air valve with isolating sluice valves including cost of all labour, jointing material, including nut bolts and giving satisfactory hydraulic testing, etc. complete. <b>200 mm dia Temper proof Kinetic Air Valve, PN-20 with 200 mm dia. DI isolating sluice valve, PN-20 with hand wheel/cap operated (PD type Short body)</b>	5.0	Nos.	857.0	Rupees Eight Hundred Fifty Seven Only	4,285.00
12	Providing, supplying and delivery of 300 mm Air cushion valve as surge control device with 300 mm isolating sluice valve of following class and diameter including companion flanges, fasteners and gasket and all taxes, insurance, transportation, freight charges, octroi, inspection charges, loading, unloading, conveyance to Departmental stores/Contractor's own stack yard, stacking, stack yard to site transportation charges etc. complete. <b>300 mm (Air cushion with MS Body), PN-20 + 300 mm dia DI Isolating Sluice Valve, PN 20 with hand/wheel cap operated (PD type Short body)</b>	2.0	Nos.	2,04,770.0	Rupees Two Lakh Four Thousand Seven Hundred Seventy Only	4,09,540.00
13	Lowering, Laying and jointing in position Air cushion valve & isolating sluice valve with devices including cost of all labour, jointing material, including nut bolts and giving satisfactory hydraulic testing, etc. complete. <b>300 mm (Air cushion with MS Body), PN20 + 300 mm dia DI Isolating Sluice Valve, PN20 with hand/wheel cap operated (PD type Short body)</b>	2.0	Nos.	1,286.0	Rupees One Thousand Two Hundred Eighty Six Only	2,572.00
14	Providing and fixing in position <b>air valve shaft</b> including providing & fixing 219.1/323.9 mm dia. (OD) 4.5 mm minimum thick M.S. pipe shaft 6.0 m long over main pipe, providing 150 mm thick encasing to vertical shaft in RCC M-20 as shown in type design, and fixing MS plates and stiffeners over main pipe welding, coating as shown in drawing as per type design and as directed by engineer-in-charge for following diameters of pipeline.	5.0	Nos.	26,345.0	Rupees Twenty Six Thousand Three Hundred Forty Five Only	1,31,725.00

SCHEDULE - B1: MS Pipeline Works at Surajbari Bridge for NC-9 Bulk Pipeline						
Sr. No.	Item Description	Quantity	Unit	Rate [In INR]		Amount [In INR]
				[In Figures]	[In Words]	
	<b>(i) 219.1 mm (OD) pipe; 6.0 m length - Air Valve</b>					
15	(ii) ...do as above... <b>323.9 mm (OD) pipe; 6.0 m length - Air Cushion Valve</b>	2.0	Nos.	29,871.0	Rupees Twenty Nine Thousand Eight Hundred Seventy One Only	59,742.00
16	<b>Excavation for pipeline trenches</b> for water supply, sewerage line, manhole, etc. all with shoring and strutting 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, <b>including all type of dewatering</b> (water incoming in pipeline trenches due to seepage, uplift ground water, rain, surrounding water bodies, etc.) complete for all lifts and strata as specified, including soil, soft murrum, Hard Murrum, boulders incl. macadam road, Soft Rock and/or masonry in CM or LM or Lime Concrete, hard rock and/ or in C.C. 1:2:4 or with blasting and chiselling or by chiseling only.	28004.0	Cum	115.74	Rupees One Hundred Fifteen and Seventy Four Paise	32,41,182.96
17	<b>Refilling</b> the pipeline trenches incl. ramming, watering, consolidating, disposal of surplus stuff as directed within a radius of 3 Km.	15436.0	Cum	22.0	Rupees Twenty Two Only	3,39,592.00
18	Providing and casting in situ C.C. in grade M-20 (proportions as per mix design or as per table9 of IS456 2000 in masses by weigh batching) using granite, quartzite trap metal of size 6 mm to 20 mm for RCC work, including scaffolding centering, formwork, needle vibrated consolidation, curing complete up to 6 meter depth or height, including Supplying, cutting, bending, binding and placing in position steel as per plan and design and as per IS 2502 and binding wire for all diameters. CRS Fe-500 minimum grade for all diameters <b>for Thrust block</b>	2445.0	Cum	8,663.08	Rupees Eight Thousand Six Hundred Sixty Three and Eight Paise	2,11,81,230.60
19	Providing and casting in situ C.C. in grade M-15 (proportions as per mix design or as Table 9 of IS 456 (2000) in masses by weigh batching) using granite, quartzite trap metal of size 6 mm to 20 mm for RCC work, including scaffolding centering, formwork, needle vibrated considerations, curing complete up to 6 m depth or height, including supplying, cutting, bending, binding, and placing in position steel as per plan and design and as per IS 2502 and binding wire for all diameters. CRS Fe-500 minimum grade for all diameters <b>for Pipe Encasing</b>	1863.0	Cum	6,477.54	Rupees Six Thousand Four Hundred Seventy Seven and Fifty Four Paise	1,20,67,657.02
20	Construction of RCC valve chambers of different sizes for different valve. The rates shall include construction of RCC valve chamber in M 20 concrete. Excavation, foundation concrete(PCC) in M-10 (approx. corresp. to prop. 1:3:6), pedestal and vertical wall in CC M20, CRS steel all diameter Fe 500 grade minimum confirming to relevant IS, <b>top cover of RCC Precast slabs &amp; cover</b> in pieces of required size with necessary nuts, bolts, locking arrangement, PVC encapsulated Rungs etc. complete as per drawings & specification and instruction of Engineer-In-Charge/Consultant. <b>(i) Size of 5 m X 4 m X 4 m deep for BFV</b>	3.0	Nos.	5,80,383.77	Rupees Five Lakh Eighty Thousand Three Hundred Eighty Three and Seventy Seven Paise	17,41,151.31
21	(ii)..... do as above ..... <b>Size of 3 m x 2.5 m x 3.5 m deep for Scour valve</b>	2.0	nos.	2,52,467.59	Rupees Two Lakh Fifty Two Thousand Four Hundred Sixty Seven and Fifty Nine Paise	5,04,935.18

SCHEDULE - B1: MS Pipeline Works at Surajbari Bridge for NC-9 Bulk Pipeline						
Sr. No.	Item Description	Quantity	Unit	Rate [In INR]		Amount [In INR]
				[In Figures]	[In Words]	
22	<b>Job Connection Works:</b> Providing and executing interconnection of existing MS pipeline with new MS pipeline, including cutting, alignment, jointing by welding and/or bolted flanged connections, supply and fixing of required MS fabricated specials, flanges, bolts, nuts, gaskets, and all other necessary accessories to achieve a secure and leak-proof connection, as per the instructions of the Engineering In-charge. The work shall include dewatering (if required), testing and commissioning of the interconnected pipeline, epoxy painting to all MS pipes and specials, taking all safety measures, and completion of all allied works. After completion of the interconnection, the excavated area shall be backfilled, compacted and restored to original/natural ground level, complete in all respects, as per specification and to the satisfaction of the Engineering In-charge. After completion of Job Connection Works, the bare area of pipe shall be coated with Heat Shrink Sleeve [HSS]. <b>Connection of 1829 dia pipeline with new 1829 mm dia pipeline at upstream and connection of 2 nos. of 1300 mm dia pipeline with new 1829 mm dia pipeline at downstream.</b>	3.0	Job	82,782.0	Rupees Eighty Two Thousand Seven Hundred Eighty Two Only	2,48,346.00
23	Providing, fabricating, supplying, and fixing/welding <b>MS Blind flanges with companion flanges</b> suitable for existing 1829 mm dia and 1300 mm dia MS pipelines, complete with bolts, nuts, gaskets, and all other necessary accessories required to achieve a secure and leak-proof connection. The work shall include cutting, edge preparation, fit-up, welding, grinding, testing, surface preparation, epoxy painting, handling, transportation, labour, tools and tackles, safety provisions, and all incidental works necessary for complete installation, in accordance with the specifications and as directed by the Engineer-in-Charge, complete in all respects. The <b>blind flange</b> installation at the end of the existing 1829 mm dia and 1300 mm dia pipelines shall be executed during connection work of the new 1829 mm dia pipeline with the existing 1829 mm dia pipeline.	3.0	Nos.	2,91,550.00	Rupees Two Lakh Ninety One Thousand Five Hundred Fifty Only	8,74,650.00
24	<b>Diversion of watercourse by providing cofferdam:</b> Design, Providing and constructing cofferdam, including excavation to required alignment and section, supplying and placing approved soil brought from outside filled in empty cement/gunny bags to form the impervious core, properly stacked, interlocked and compacted, including slope dressing and protection to ensure stability against water current and hydraulic pressure, complete with all labour, materials, tools and plants. Minimum Top width of cofferdam shall be 0.6 m and minimum slope shall be 1V : 1.5 H and minimum free board shall be 0.5 m from the high water level or as per design. <b>The cofferdam shall be designed and constructed in a phased manner to ensure continuous and unobstructed flow of the watercourse while enabling safe diversion and execution of work in dry conditions.</b> The cofferdam shall be designed and executed to maintain a minimum working width of 6 m to facilitate installation, handling, and laying of encased MS pipeline as well as execution of pile works. The scope shall include continuous maintenance of the cofferdam in sound and watertight condition during the execution period, attending to leakages, damages, and settlement, including dewatering operations as required. The work further includes dismantling and complete removal of the cofferdam after completion of works and restoration of the riverbed to its original condition, work completed as directed by the Engineer In-Charge.	818.0	RM	17,557.07	Rupees Seventeen Thousand Five Hundred Fifty Seven and Seven Paise	1,43,61,683.26

SCHEDULE - B1: MS Pipeline Works at Surajbari Bridge for NC-9 Bulk Pipeline						
Sr. No.	Item Description	Quantity	Unit	Rate [In INR]		Amount [In INR]
				[In Figures]	[In Words]	
25	<b>Pile works for supporting R.C.C. Encased 1829 mm dia MS water Pipeline near Surajbari Bridge Section:</b> Design, supply, fabrication, erection, and construction of pile for supporting the R.C.C. encased MS pipeline at Surajbari Bridge, complete in all respects, including <b>construction of cast in situ bored piles of minimum 500 diameter or as per approved design whichever is higher for Surajbari bridge portion with 16 m minimum depth or as per approved design whichever is higher, depth shall be considered from pile cap bottom.</b> Pile shall be cast with sacrificial <b>M.S. liner of minimum 6 mm thickness</b> , Pile and pile cap in M30 grade concrete suitably configured to connect and support the encased MS pipeline; providing and placing reinforcement using minimum CRS Fe-500 grade steel; including formwork, centering, shuttering, staging, vibration, curing and finishing. The scope shall include dewatering, all labour, materials, transport, machinery, fuel, temporary works, handling of site conditions, alignment, safety measures, and obtaining statutory permissions wherever required, and the work shall be completed in all respects as per specifications and directions of the Engineer In-charge. <b>All piles shall be provided at maximum 12 m interval. Each pile support shall be securely embedded and connected to the encased MS pipeline through properly designed pile caps, ensuring structural stability and enabling the system to withstand differential settlement, lateral movements, uplift forces, and other external loads.</b>	110.0	Nos.	1,61,953.4	Rupees One Lakh Sixty One Thousand Nine Hundred Fifty Three and Forty Paise	1,78,14,874.00
Total Amount [in INR]						25,10,75,245.00

SCHEDULE - B2: ROU & Land Compensation						
Sr. No	Item Description	Quantity	Unit	Rates [in INR]		Amount [in INR]
				[In Figures]	[In Words]	
1	To obtain Right of Use (ROU) under Gujarat Water and Gas Pipelines (Acquisition of Right of Use in land) Act, 2000 for laying transmission pipelines including all formalities.	3050.0	Rmt	71.63	Rupees Seventy One and Sixty Three Paise	2,18,471.50
2	Payment for Land compensation for obtaining ROU having width 25 mt for proposed pipeline alignment.	3050.00	Rmt	580.00	Rupees Five Hundred Eighty Only	17,69,000.00
Total Amount [in INR]						19,87,472.00

**SCHEDULE - E: Buyback of Existing MS Pipeline & Steel Truss**

Sr. No.	Item Description	Quantity	Unit	Rates [in INR]		Amount [In INR]
				[In Figures]	[In Words]	
1	<p><b><u>Contractor to pay back to Employer (GWIL) for existing Steel Truss and MS Pipeline Dismantled at Surajbari Bridge.</u></b></p> <p>Dismantling, demolition, cutting, safe removal, handling, stacking, loading, transportation and clearance of the existing Steel Truss support structure and existing MS Pipeline system installed on Surajbari Bridge, including all associated specials, fittings, valves, flanges, joints, supports, hangers, anchor arrangements, brackets, fasteners and appurtenant works, complete in all respects, after successful completion, testing, commissioning and satisfactory operation of the new pipeline system. The Contractor shall plan, coordinate and execute the entire work in accordance with the requirements of the Tender Documents, Conditions of Contract, Technical Specifications and directions of the Engineer-in-Charge, ensuring complete safety and protection of the existing bridge structure, carriageway, utilities, personnel and public property, without causing damage to any part of the bridge or disruption to existing vehicular traffic and public movement. The Contractor shall take all necessary precautions and make adequate arrangements for safe execution of the work with minimum hindrance to bridge operations and surrounding activities. Upon completion of dismantling activities, the Contractor shall remove all debris, scrap, temporary works and surplus materials and leave the site, bridge structure and surrounding area in a neat, clean and serviceable condition to the satisfaction of the Engineer-in-Charge. This includes all labour, supervision, tools and tackles, cranes, equipment, temporary supports, traffic management arrangements, handling, dismantling, cutting, stacking, loading, transportation, unloading, storage, site clearance, buy-back value, compliance with tender requirements.</p> <p><b>The Bidder shall carry out above mentioned works with Consultation of NHA and getting all permissions from NHA. The Bidder shall have to provide NOC from NHA after the demolition works.</b></p> <p><b><u>The details of existing Steel Truss and MS pipeline items are as follows.</u></b></p> <p>(1) Existing Steel Truss on each side of Surajbari Bridge for supporting the existing MS pipeline.  (2) Existing MS Pipeline on each side of Surajbari Bridge, including removal of all associated specials, fittings, valves, flanges, and jointing materials. The MS pipeline shall be considered between the blind flanges installed at the upstream and downstream ends of the existing pipeline, after its disconnection and integration with the new pipeline system.</p>	1.0	Job	(-) 9,71,00,000.00	Rupees Nine Crore Seventy One Lakh Only	(-) 9,71,00,000.00
<b>Total Amount [in INR]</b>						<b>(-) 9,71,00,000.00</b>



## **SCHEDULE - C [Not Applicable]**

## **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.

**Signature of contractor**

**Chief General Manager (Project)  
GWIL Gandhinagar.**

## SCHEDULE - D: BREAK UP FOR INTERIM PAYMENTS

### (CIVIL, MECHANICAL, INSTRUMENTATION & ELECTRICALWORKS)

Item	Description of Items	Percentage Payment to be released
<b>[1]</b>	<b>PIPELINE</b>	
(a)	Manufacture and supply of M.S. pipes with necessary shop testing, transportation to work site etc.	65 % Of quoted rate
(b)	Excavation, Lowering, laying, and jointing	20 % Of quoted rate
(c)	Non-Destructive test and Destructive test of field joints etc	2.5 % Of quoted rate
(d)	On refilling and disposal of surplus stuff	2.5 % Of quoted rate
(e)	Field hydraulic test	5 % Of quoted rate
(f)	After commissioning with trail run	5 % of Quoted rate
	<b>TOTAL</b>	<b>100%</b>
<b>NOTE: Maximum 15 km of unlaidd pipe cost will be paid on supply of pipeline on site.</b>		
<b>[2]</b>	<b>VALVES / SURGE CONTROL DEVICE</b>	
(a)	On receipt of materials on site in good condition	70 % of Quoted rate
(b)	On erection	20 % of Quoted rate
(c)	On Hydraulic testing	5 % of Quoted rate
(d)	After commissioning	5 % of Quoted rate
	<b>TOTAL</b>	<b>100%</b>
<b>[3]</b>	<b>VALVE CHAMBERS</b>	
(a)	On completion works as per approved drawings	95% of Quoted rate
(b)	After commission of system	5% of Quoted rate
	<b>TOTAL</b>	<b>100%</b>
<b>[4]</b>	<b>OTHERS CIVIL WORKS – Air Valve- Air Cushion Valve Shaft, Pipe Encasing, Canal Crossing, Drain/Nala crossing, Storm water Anchor/thrust blocks etc</b>	
(a)	On completion of work	95% of Quoted rate
(b)	Satisfactory completion of work	5% of Quoted rate
	<b>TOTAL</b>	<b>100%</b>
<b>[5]</b>	<b>ROU WORK</b>	
(a)	After laying of pipeline & following all the procedure as per ROU ACT, producing necessary document of payment of compensation with NOC from farmer	80% of Quoted rate
(b)	After entry of GWIL in revenue records of concerned land survey number i.e. 7/12 & 8A	20% of Quoted rate
	<b>TOTAL</b>	<b>100%</b>
<b>[6]</b>	<b>PILE WORK</b>	
(a)	On approval of Designs & Drawings	2 % of Quoted rate
(b)	On completion of work of Piles in all manner	50 % of Quoted rate
(c)	On completion of work of Pile Caps in all manner	38 % of Quoted rate
(d)	On completion of all Finishing and miscellaneous work and after Completion of all works with all respects	10 % of Quoted rate
	<b>TOTAL</b>	<b>100%</b>

Item	Description of Items	Percentage Payment to be released
<b>[7]</b>	<b>Construction of Temporary Cofferdam, Diversion Works and Dismantling</b>	
(a)	Completion of Construction of Cofferdam	60% Of quoted rate
(b)	Dewatering inside cofferdam	10% Of quoted rate
(c)	Dismantling and Removal of sandbag cofferdam and disposal of surplus materials	20% Of quoted rate
(d)	After commissioning	10% of Quoted rate
	<b>TOTAL</b>	<b>100%</b>