

CONTRACT NO.

**GUJARAT WATERSUPPLY & SEWERAGE BOARD
GANDHINAGAR**

(A WHOLLY OWNED GOVERNMENT OF GUJARAT UNDERTAKING)



Bid documents for: Supply, Installation, Testing & Commissioning of VT Pump with associated Electro-Mechanical accessories at Aambaghata (Mumanvas) H/W Tal: Satalasana, Dist: Mahesana Under Augmentation of Palanpur Rural RWSS-2025-26

Estimated Cost: Rs.1,44,69,074.00

VOLUME – IV

PRICE BID

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C O N T E N T S**PRICE BID (SCHEDULES B)**

Sr. No.	DESCRIPTION
1	PREAMBLE TO PRICE SCHEDULES
2	BID FORM (WITH PRICE)
3	PRICE SCHEDULE - A
4	PRICE BID (SCHEDULES – B) Break Up Cost of Bid documents for Supply, Installation, Testing & Commissioning of VT Pump with associated Electro-Mechanical accessories at Aambaghata(Mumanvas) H/W Tal :Satalasan, Dist:Mahesana Under Augmentation Of Palanpur Rural RWSS-2026-27
5	Buy Back Of Existing Equipment

PREAMBLE TO PRICE SCHEDULES

1. This bid is lump sum bid for works of **“Supply, Installation, Testing & Commissioning of VT Pump with associated Electro-Mechanical accessories at Aambaghata(Mumanvas) H/W Tal :Satalasana, Dist:Mahesana Under Augmentation Of Palanpur Rural RWSS-2026-27”**
2. The Bidder shall quote his firm and fixed lump sum price for the entire work under this Contract, defined in more details in various sections of this bid document without considering expenses of insurances for employees & plant machineries.
3. Contractor shall have to take insurance policy for manpower as well as all the equipment and furnish copies of policies along with details of premium paid **within maximum three working days from the date of taking over pumping station**. In case the contractor fails to purchase insurance policies within the stipulated time frame, **amount of Rs.500.00 (Five Hundred) per policy per day** shall be recovered from the contractor. Even after that the entire responsibility shall rest with the contractor on this account.
4. GWSSB shall recover appropriate amount from the agency for not taking adequate insurance for the manpower as well as the equipment/machinery. Even after recovery of above amount, responsibility of the contractor for taking insurance cover shall still continue and the agency can't escape from the responsibility on any that account.
5. Expenditure incurred by the contractor towards payment of premium towards insurance policy for manpower and & pumping station machinery/equipment shall be reimbursed on production of insurance policies along with original premium payment receipt. Insurance Policy should be assigned in favour of **Executive Engineer, Public Health Mechanical Division, Palanpur**. The policies shall remain valid till the contract period gets over. It is advisable to take appropriate insurance cover for a period of currency of the contract. However, in case of annual policies, the onus of timely renewal entirely lies with the contractor.
6. The rates and prices shall be submitted in the formats given in the enclosed Price Schedule for **SITC** of all pumping machinery with associated equipments and accessories etc. located at various pumping station(s) specified for entire period of Contract. Rates and prices received in any other formats will be rejected and the Bids will be disqualified.
7. It will be entirely at the discretion of the Employer to accept or reject the Bidders' proposal, without giving any reasons whatsoever and the Bidder shall not be permitted to withdraw his bid on this account.
8. In Price Schedule, Bidder shall quote his lump sum price for entire work. Price quoted in price schedule only will be considered & shall form a part of the Contract Agreement.
9. ~~Each item is to be individually priced and the amounts shall be added up to arrive at the “Total of Price Schedule”. No column in the table 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, 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 if any.

10. Items not specifically listed in this Price Schedule, but required to be executed for satisfactory working of the system as specified, will not be separately paid for by the GWSSB when executed and shall be deemed to be already covered by other items and rates listed in the price sheets and Lump sum prices quoted in Schedule.
 11. Bidder shall quote their lump sum price for **SITC work** in price schedule. Prices shall be filled online only.
 12. ~~Bidder shall quote their price for SITC work with O & M for period of 1 Year. The Bidder cannot quote the rates for O & M works less than the estimated amount. In this tender total estimated amount for Comprehensive Operation and Maintenance for a period of 01 year is Rs. 13,23,504.00. If bidder quotes rates less than the above amount in O & M Schedule B - 2, financial evaluation shall be carried out by adding difference amount of estimated amount and quoted rates for L1 comparison. Payment shall be made on approved price only but as per schedule of payment.~~
 13. The rates shall be deemed to include any works and setting out that may be required to be carried out for carrying out of all the works involved.
 14. Prices shall be entered in figures and in words. Where there is a discrepancy between the unit, rates and the amount entered, the later shall govern.
 15. The price schedule is to be read in conjunction with the Conditions of Contract, the Specifications, data Sheets and other sections of these bid documents and these documents are to be taken as mutually explanatory of one another.
 16. A) Bidder shall quote the price 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.
B) 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.
- Rates quoted are fixed and shall remain final for the entire period of Contract. No price escalation shall be considered on any account and no extra payment on this account will be made to the contractor.
17. 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 SITC of pumping machinery & accessories including temporary approach, 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 smooth & uninterrupted execution all the works involved.

18. **Payment Terms:** Schedule of payment for various stages of works and release of retention money on account of defect liability is tabulated below.

1	All Mechanical – Electrical – Instrumentation Works	
1	On Supply of Equipment at Site	75 % of Weightage (Amount)
2	After Installation/Erection of Equipment	15 % of Weightage (Amount)
3	After Successful Testing & Commissioning of Equipment (On Completion of Stipulated Trial Run)	10 % of Weightage (Amount)
		Total: 100%
	Note: 5 % Amount towards defect liability of all above equipment (at every stage of payment) shall be withheld as defect liability which shall be released after a period of three years from the date of testing & commissioning (inclusive of completion of stipulated trial period)	

19. Payment shall be made as & when funds are made available by Head Office after adherence to department's fund requirement & procedure thereof. The GWSSB shall not under any circumstances relax these of terms of payment and will not consider any alternative payments terms. Bidders should therefore in their own interest note this provision.
20. **1% of the contract value of work will be deducted from the Running bill(s) on account of labour cess which is non-refundable.**
21. **Third Party Inspection and Factory Testing** of the major mechanical, electrical equipment & Instrumentation system such as VT Pumps, Induction Motors, Electromagnetic Flow Meters, Sluice & Butterfly Valve, DPCV, Expansion Bellows, ~~Drain Pump, EOT, Distribution Transformers, 11 KV HV VCB Switchgear Panels~~, APFC Panel, MCC Panels, LV PDB-LDB Panels, **HV & LV Power & Control Cables** shall be carried out by the designated third party inspection agency in the presence of GWSSB's representative (i.e. jointly) at manufacturers' works. Inspection charges shall be initially paid to the designated TPI as per accepted rates by GWSSB. Prior approval of rates shall be obtained by the Contractor from Executive Engineer, P. H. Mechanical Division, Palanpur. Subsequently the amount so paid shall be reimbursed to the contractor after

providing relevant documents viz. receipt of amount(s) paid along with inspection release note etc. as required by the Engineer-in-charge. Any expenditure incurred by inspection agency for the work misinformed by the Contractor and charges of inspection agency without any work due to misinformation shall not be reimbursed to the Contractor.

22. Department shall reimburse the payment made towards insurance of machinery/equipment and for operating crew/man power engaged as narrated in clauses at serial no. 3, 4 & 5 in this section.
23. The Bidder should acquaint him with the pumping station site conditions including the access to concerned work site.
24. Contractor has to take over all the plants & machinery of pumping station in writing from concerned Engineer-in-charge after successful completion of trial run of pumping machinery with accessories. Detailed handed over/taken over notes shall be duly signed by the concerned Deputy Executive Engineer and the Contractor.
25. **On completion of period of 01 year of comprehensive operation & maintenance,** the Contractor shall hand over all the equipment and machinery in proper & satisfactory working condition either directly to the Department and/or any other Contractor authorized by the Department and as advised. In case of any malfunctioning, the outgoing Contractor shall be intimated in writing and required repairing and/or replacement shall have to be made by the outgoing Contractor within a period of **maximum 15 days**. Only after completion of required repairs carried out to the satisfaction of the Engineer-in-charge the separate certificate shall be issued for satisfactory handing & taking over. Only after issue of this certificate from the Engineer-In-charge the amount of security deposit shall be released.
26. During the process of handing over, if the Contractor fails to repair/replace the malfunctioning equipment as intimated within 15 days or any reasonable time as decided by Engineer-in-charge, than the repairs/replacement shall be carried out at the "Risk and Cost" of the Contractor and the expenditure incurred for carrying out such repairs/replacements shall be deducted from the dues to the Contractor and/or recovered from the security deposit.
27. ~~If Department finds that man power/employees engaged in O & M work are not as per requirement than Engineer in charge shall give a written notice to the Contractor for employing manpower as per requirement. Even after issue of this notice, if the Contractor fails in providing man power as per departmental & contractual requirements than department is at liberty to terminate the Contract and the amount of security deposit shall be forfeited.~~
28. Contractor shall pay special attention towards improving the power factor as per design of fixed power factor improvement panel. The panels provided at pumping station within the scope are designed & constructed to improve power factor to **minimum 0.99** in case of **HV** & **0.95** in case of **LV** power connections. Care must be taken by the contractor to get maximum incentives provided by the power utility viz. UGVCL on maintaining of power factor (exceeding 0.95) in the monthly

electric bills. However in case of imposition of any power factor adjustment charges i. e. penalty in the monthly bills, the same amount along with 5 % of administrative cost shall be recovered from the bills of the contractor. No representation from the contractor in this aspect shall be entertained by the department.

- ~~29. Contractor shall have to make payment to the man power/operating crew engaged by him regularly on monthly basis preferably by NEFT/RTGS transfer directly into the bank accounts of the concerned employees. Above payment must not be less than prevailing minimum wages fixed by the Labour Commissioner, Government of Gujarat. The contractor has to submit Notarized Affidavit to the Engineer in charge mentioning that all the employees engaged by him shall be paid minimum wages as per labour laws & entire responsibility rests on him & him only in this regard. Failure to adhere to this condition may result into termination of the Contract by the Department. The Contractor has to submit certified monthly attendance sheet (muster) of employees with clear declaration of receipt of monthly wages by the concerned employees duly signed by individual employees.~~
30. The Contractor shall have to pay the labour registration fee of required applicable amount Rs 25.00 per labour as per prevailing laws and also pay annual contribution of required applicable amount Rs. 75.00 to the Labour department of the Government of Gujarat.
31. O & M period will start from date of handing over of pumping station to the Contractor by the department and/or by the outgoing Contractor.
32. Income Tax, Labour cess and any other tax/cess as per prevailing rules of the Government resolutions shall be deducted from bills payable to agency.
33. The rates to be quoted by the Bidder must include all kinds of taxes/levies/cess applicable to the work contained in price bid. No extra amount shall be paid to the agency on account of any such tax/cess/levy by the Department.
34. The Contractor has to maintain cleanliness at all times during the currency of the contract. The Contractor must keep pumping station & the surrounding open areas clean at all times. Pumping station must be swept regularly by the helper engaged by the Contractor without any additional cost to the department. No amount of dirt, dust, refuse, leaves, garbage etc. shall be allowed either in the pump house or premises & adjoining surrounding areas. The Contractor has to ensure only minimum allowable leakages from pumps & valves. Under no circumstances leakages from expansion bellows or delivery pipe lines within the pump house shall be allowed.
35. Record of quantity of water received to the pumping station & water pumped from the pumping station on hourly basis along with consumption of electric power shall be maintained without fail by the Contractor. Data of number of pumping hours and quantity of water pumped on daily basis must be intimated provided to the Engineer-in-charge as well as control room of GWSSB as instructed & in the required format & mode of communication viz. cellular mobile hand set and/or tab.

36. Shutdown: Shutdown of **maximum continuous 01 day** will be given for dismantling of old machinery and installation, replacement & testing of new mechanical equipment/machinery. As existing pumping machinery provides water to several villages, city & prestigious institutions/corporations/Government Organizations in concern District, it will be imprudent to take shut down for longer periods at a stretch so as to avoid disruption of water supply. However, Contractor shall be allowed to dismantle existing pumping machinery & install new pumping machinery etc. & allied mechanical – civil works in **maximum 03 slots (batches)** to be decided in consultation with Engineer-in-charge. Similarly for installation of **electrical equipment shutdown of maximum continuous 01 day** will be given for dismantling of old transformers – panels etc. & install new electrical equipment etc. & allied electrical – civil works in maximum 02 slots (batches) to be decided in consultation with Engineer-in-charge. However, timings & schedules of shut down shall be decided in advance by the Engineer-in-charge & Contractor has to strictly follow & adhere to the pre-decided schedule. Failing which liquidated damages of **Rs. 25,000.00 per day of delay** shall be recovered from the running bill (s) of the contractor.

37. During execution of the entire work, minimum 50 % system (i. e. 2 pump sets) shall be in running condition and functional to maintain the supply of water (except scheduled shut down as per above Sr. No. 36).

38. Special condition –

- 1. Time limit for SITC work is 9 months (including 1 month trial run) from the date of LOI/LOA. Agency has to handover the pumping machinery to existing o & m contractor after 1 month trial run. Any repairing work will be carried out by SITC contractor during 1st year i.e. during guarantee period and it is the responsibility of SITC contractor to rectify the fault within week as per GWSSB guideline otherwise rectification work will be carried out by department and amount at double rate will be recovered from the bill of contractor or from security deposit and decision of Executive Engineer will be final in the matter and binding to the contractor.**
- 2. The agency can quote rate equal to or higher than the buyback amount (For old machinery).**
- 3. Agency can quote higher, equal or lower rates for Schedule B (SITC Work).**
- 4. The agency will be ranked as L-1, L-2, L-3... based on the lowest quoted rate considering amount (Schedule B Minus (-) E). (For example quoted rate for Sch-B is “Rs. A” amount, quoted rate for Sch-E is “Rs. B” amount, then final evaluation will be based on [“Rs. A”]- [“Rs. B”] = [“Rs. C”]. The agency will be ranked as L-1, L-2, L-3... based on the Lowest [“Rs. C”].**
- 5. Amount equal to quoted rate for buyback will be recovered from first running bill.**
(એજન્સી દ્વારા બાયબેકની રકમના બરાબર અથવા તો ઉંચા ભાવો ભરવાના રહેશે તેમજ

શીડ્યુલ બી માં ઉંચા, બરાબર તેમજ નીચા ભાવો ભરી શકાશે. શીડ્યુલ-બી તથા ઇ બંનેના ભરેલા કુલ ભાવોમાંથી જે ભાવ નીચા હશે તે મુજબ એજન્સીના ક્રમ એલ-૧, એલ-૨ ,એલ-૩...એ મુજબ નક્કી કરવામાં આવશે. પ્રથમ રનીંગ બીલમાંથી એજન્સી દ્વારા બાયબેક રકમ માટે ભરવામાં આવેલ ભાવો વસુલાત કરવામાં આવશે.)

6. The installation of the VT pump set will have to be carried out in two-storey building. The delivery pipe of the pump will be on the first floor, and the motor installation will be on the second floor. A sample drawing is attached along with this.

(વી. ટી પંપસેટનું ઇન્સ્ટોલેશન સંપની ઉપર ૨ માળની બિલ્ડીંગ ઉપર કરવાનું રહેશે. જેમાં પ્રથમ માળે પંપની ડિલિવરી પાઈપ રહેશે તથા બીજા માળ ઉપર મોટર ઇન્સ્ટોલેશન કરવાનું રહેશે. આ સાથે નમુનારૂપ ડ્રોઈંગ સામેલ છે)

Signature of Contractor

Executive Engineer
P. H. Mechanical Division
Palanpur

BID FORM

To
The Executive Engineer,
P. H. Mechanical Division,
Gujarat Water Supply & Sewerage Board,
II Floor, Jal bhavan, Near Adarsh School,
Dairy Road, Palanpur- 385001.

Dear Sir,

Subject: Bid documents for “**Supply, Installation, Testing & Commissioning of VT Pump with associated Electro-Mechanical accessories at Aambaghata (Mumanvas) H/W Tal :Satalasana, Dist:Mehsana Under Augmentation Of Palanpur Rural RWSS-2026-27**”

Having visited Raw Water pumping station site and examined all the volumes (I To IV), technical bid, general – commercial terms conditions & post qualification criteria, technical specifications & data sheets, conditions & specifications for operation & maintenance, preamble to price schedules & price schedule etc. including Addenda/Corrigenda/Amendments to the above, for the execution of the above contract, we the undersigned offer to carry out SITC of VT pumping machinery with associated mechanical and electrical equipment & accessories of complete pumping station/plant in conformity with the Conditions of Contract, Specifications, Preamble to Price Schedules, Price Schedule, Annexure, Bidding Documents, including Addenda/Corrigenda Nos. _____ (insert numbers) for Lump sum fixed price of Rs. _____ (Rupees _____)

2. I/We agree that

- (a) If we fail to provide required facilities to the GWSSB's representative or any other person/agency by the GWSSB 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 raw/clear water of required quantity according to the conditions/stipulations of the contract, the Engineer-in-charge will be at liberty to take any action including termination of contract and impose at his absolute discretion any liquidated damages penalties and/or reject the complete and part portion(s) of the work (s).

- 3. We undertake, if our bid is accepted, to complete and deliver the works in accordance with the contract within stipulated time limit as prescribed in notice inviting the tenders inclusive of monsoon, from the date of issue 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 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 thereto annexed 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 bond/security in the forms and of value specified in the conditions of contract of a sum equivalent to 10 % of the contract price or estimated amount put to tender (whichever is higher) for due performance of the contract.
7. We have independently considered the amounts of liquidated damages shown in various sections of the bid documents 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 _____ 2025

(Signature)

(Name of the person)

(In the capacity of)

Company Seal

(Name of firm)

Duly authorised to sign bid for and on behalf of
(Fill in block capitals)

Witness

Signature

Name

Address

(Bidders are required to fill up all blank spaces in this Bid Form)

AFFIDAVIT**THE DECLARATION REGARDING LITIGATION AND OTHER HISTORY****on Rs. 300/- Non-Judicial Stamp Duly Notarized**

I, ----- aged, ----- Year occupation business, residing at -----
----- do hereby state on solemn affirmation and declare on oath as under

1. I say that, I am working with ----- as
a partner and am duly authorized person of the said -----
----- to do present affidavit on its behalf.
2. I say that the said ----- has submitted / uploaded
tender / e-tender floated by the Executive Engineer, P. H. Mechanical Division, GWSSB,
Ahmedabad being tender / e-tender ID ----- for the work of -----

3. I have read the terms & conditions of the said tender conditions and I have understood the
same and are acceptable to -----

4. I say the details and particulars given by -----
----- are true and correct, state and declare that the said -----
----- has not concealed any fact,
details or particulars and all the said -----
----- are true and correct and complete.
5. I say that if any particulars are found to be incorrect or incomplete or misleading in any
matter, the Gujarat Water Supply and Sewerage Board shall have full authority to cancel the
tender at any point of time and the -----
----- shall be liable for all the consequences that may arise out of the action of
the Gujarat Water Supply and Sewerage Board.
6. I say that I am aware that making wrong statement on affidavit is a punishable offence.
7. I say that I have not been terminated / blacklisted / debarred in any State Government /
Municipal Corporation / Central Government / Any State Government Organization / Urban
Local body and / or their undertaking companies or their Special Purpose Vehicle (SPV), Asian
Development Bank / World bank or similar international funding organizations **as on the last
day of bid submission.**

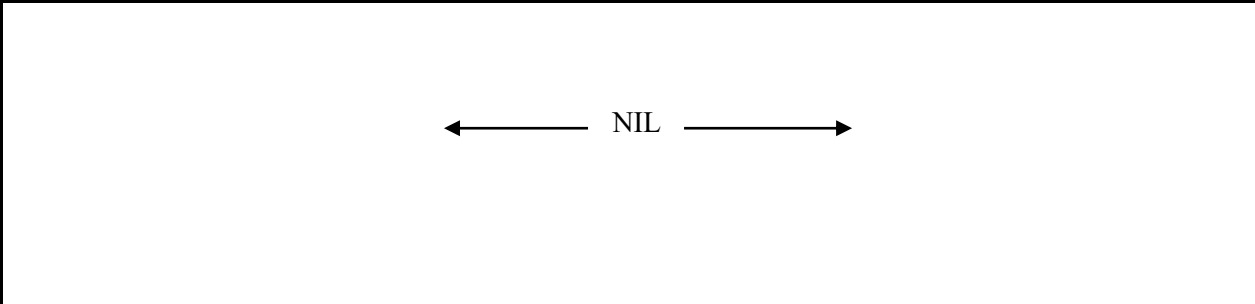
Solemnly affirmed on this day of 2026 at

Dated Signature of Contractor

Gujarat Water Supply & Sewerage Board
Public Health Mechanical Division, Palanpur.

Name of Work: “Supply, Installation, Testing & Commissioning of VT Pump with associated Electro-Mechanical accessories at Aambaghata(Mumanvas) H/W Tal :Satalasana, Dist:Mehsana Under Augmentation Of Palanpur Rural RWSS-2026-27”

SCHEDULE - A

Sr. No.	Particulars	Quantity	Rate	Unit	Place of delivery
					

Notes:

- The persons or firm submitting the tender should see that the rates to the above schedule are filled up by the Executive Engineer before the issue of the form prior to the submission of the Tender.
- Carting of above materials shall be done by the contractor at his own cost.
- The materials shown in above schedule will be issued at free of cost. However, the contractor shall have to return the balance materials at department store at his own cost else recovery at double of the issue rate for such material will be effected in view of clause 12-A of the contract.

Signature of Contractor

Executive Engineer
P. H. Mechanical Division
Palanpur

Annexure –A

<u>LIST FOR EQUIPMENTS/INSTRUMENTS REQUIRED FOR SITE OFFICE WORK.</u>		
Free of Cost		
Item Description		
Agency has to Procure and must supply at site free of cost and has to hand over to Engineer in charge within one month from date of work order given as under.		
No.	Description	Nos Of item.
1	All In One Computer not less than 27-inch Display, 13 th Generation Intel Core i7 H Series processor, Inbuilt Graphics, Minimum 16 GB DDR5 RAM, 1 TB NVMe SSD, with Windows 11 and MS Office 2024 both Preinstalled from brand like DELL, HP, Lenovo as approved by Engineer in Charge.	2 No
2	Multifunction LaserJet Color Printer up to 20 PPM speed , Supporting Wireless Printing, Automatic 2-sided Printing, 2-Sided (Duplex) Printing from brand like Brother, Canon, HP or equivalent with all necessary accessories etc. complete.	2 No
3	Multifunction Printer (Print, Scan, Copy) with 30 PPM speed from brand like Brother, Canon, HP or equivalent with all necessary accessories etc. complete.	1 No
<u>Note: - all above item must be provided by Agency at free of cost.</u>		
Signature of Contractor		Executive Engineer P. H. Mechanical Division Palanpur

Gujarat Water Supply & Sewerage Board
Public Health Mechanical Division, Palanpur

PRICE BID - SCHEDULE-B					
Memorandum Showing Items of works to be carried out					
Name of Work: Supply, Installation, Testing & Commissioning of VT Pump with associated Electro-Mechanical accessories at Aambaghata(Mumanvas) H/W Tal :Satalasana, Dist:Mahesana Under Augmantation Of Palanpur Rural RWSS-2026-27					
Item No	Description	Qty	Unit	Rate (Rs)	Amount (Rs)
1.0	Vertical Turbine Pumps Supply, installation, testing & commissioning of Vertical Turbine pump motor set of specified duty parameters & guaranteed efficiency of following MOC with specified capacity vertical solid shaft TEFC squirrel cage induction motor (with minimum IE-3 efficiency class), working on three phase AC supply with 50 Hz \pm 3%, 415 V \pm 10%, rated speed 1000 RPM along with column and bowl assembly, discharge head, base channel / RSJ etc. complete as per relevant IS. M.O.C.: Impeller & Sealing Rings: CF8M, Bowl & Suction Bell: CI FG 260 IS: 210 with 2% Ni, Shaft with coupling: SS 410, Column Pipe: MS ERW, Mechanical seal (above 30 kw), Base Plate: MS, Line Bearing: Thordon, Suction Strainer: S.S Minimum Motor rating 315 KW, Capacity:650 m ³ /hr, Head:135 mtr (2W), Minimum efficiency 83%, & 1000 RPM / 1500 RPM	2	NOS	4348260.00	8696520.00
2.0	M.S. PIPE Manufacture, Supply & Delivery of Electric Resistance Welded (Up to 400mm)/Submerged Arc Welded(Above 400mm) M.S.Pipe having bevelled ends plate or coil conforming to IS-3589-2001 or its latest revision/ amendment for following thickness outside diameter at GWSSB store or site anywhere in Gujarat State including all taxes, insurance, transportation, freight charges, octroi, inspection charges, loading, unloading conveyance to Departmental stores, stacking etc. all complete.				
2.1	Size:355.6 mm dia OD NB-6.3 mm thick (on Delivery side)-As per site requirement	36	MTR	3860.00	138960.00
2.2	Size:610 mm dia OD NB-6.3 mm thick (on Header side)-As per site requirement	36	MTR	7351.00	264636.00
2.3	Size:168.3 mm NB-4.5 mm thick (on By pass pipe side)-As per site requirement	50	MTR	1525.00	76250.00

Item No	Description	Qty	Unit	Rate (Rs)	Amount (Rs)
3.0	C.I. D/F VALVES: SLUICE VALVE: 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. PN-2.5 with hand wheel/ cap operated (PD type short body) Size:350 mm (on delivery side)	2	NOS	36156.60	72313.20
3.1	Size:150 mm NB-Manually operated (on by pass side)	1	NOS	7027.70	7027.70
3.2	Size:600 mm NB-Manually operated (on Header side)	1	NOS	143077.40	143077.40
4.0	DPCV: Supply, installation, painting, testing & commissioning of non-slam, spring action, flanged Dual plate check valve confirming to API 594 & 598 PN 2.5 with C.I. body, spring steel spring, S.S. seating with all carbon steel hardware's and other accessories as per data sheet and specification. Size:350 mm NB-Manually operated (on delivery side)	4	NOS	71739.40	286957.60
4.1	Size:600 mm NB- on Header side	1	NOS	248245.10	248245.10
5.0	EXPANSION BELLOWS: Supply, installation, testing and commissioning of flanged metallic S.S. expansion bellows confirming to EJMA standard with PN 2.5 rating & all necessary carbon steel hardware's as per data sheet.				
5.1	Size:350 mm NB- on delivery side	2	NOS	19980.00	39960.00
5.2	Size: 600 mm NB- (on header side for flowmeter and valve)	2	NO	46800.00	93600.00
6.0	FLOW METER (PN -2.5): Supply, Installation, Testing, Commissioning of Full-Bore Electromagnetic flow meter with factory calibrated, Regular Power Operated, flanged connection, Flow sensor, Indicator, transmitter and totaliser with all accessories viz. surge arrestor, associated cables, cabinets, hardware's, etc complete as per following specifications: Flow Meter/ Sensor: DC pulsed type, IP 68 Protection, Flanged process connection as per IS 1538 or equivalent standard, SS304/ Metallic Alloy Flow Tube, SS316/ SS 316 L/ Hastelloy Sensor, SS316/ Hastelloy Grounding Ring/ Inbuilt Grounding Electrode,	1	NO	348705.30	348705.30

Item No	Description	Qty	Unit	Rate (Rs)	Amount (Rs)
	Neoprene/ Polyurethane/ Hard Rubber/ Rilsan lining, SS304/ Die Cast Aluminium/ Carbon steel with Anticorrosive Paint Coil Housing with Junction Box, CS flanges. Flow Transmitter/ Converter (Remote Field Mounted): Microprocessor based, Modular design, 2 line LCD for indication of actual flow rate, forward, reverse, sum totaliser display, $\pm 0.5\%$ accuracy at 0.3 to 4 m/sec velocity, 4 to 20 mA with HART/Modbus output, one scalable pulse, one status output, IP 67 protection, Die cast aluminium/ polycarbonate/ SS316 with Anticorrosive Paint/ PU finish with glass window enclosure, Inbuilt EEPROM and Data Logger, 30 meters cable length for sensor to transmitter communication etc. along with wall mounted/ stand mounted cabinet. and shall have following size. Meter Size:600 mm (At header)				
7.0	Regular Power operated RTU on Existing Flow Meter-2 nos and 1 no for new flow meter As per the Scope of work, functional and technical requirement, including all cable & accessories, Installation, testing and commissioning etc. (Location: near to Existing Flow meter) (Rate Proposed as per GWIL Flow meter Tender)	3	NOS	33196.00	99588.00
8.0	AIR VALVE: SITC of CI Temper proof Flanged double acting kinetic Air Valve with Isolation Sluice Valve as per IS 14845 PN-1.6 & IS-14846 PN-1.6 respectively with SS304 float, gun metal nozzle, complete hardware's, bolts, nuts & washers, gaskets etc. including all taxes, Insurance, Transportation, freight charges, Inspection charges, loading, unloading, conveyance to departmental stores, stacking, security etc. as per IS and Specification. Size:100 mm NB - PN 1.6(On Header line and rising main pipeline outside the Pump house)	2	NOS	19636.00	39272.00
9.0	AIR CUSHION VALVE with cast iron body: Providing, supplying and delivery of water hammer control Devices for use on various pumping main of following class and diameter including all taxes, Insurance, Transportation, freight charges, Inspection charges, loading, unloading, conveyance to departmental stores, stacking, etc. complete. Size:100 mm NB - Class 15 (On Header line and rising main pipeline outside the Pump house)	2	NOS	70787.00	141574.00

Item No	Description	Qty	Unit	Rate (Rs)	Amount (Rs)
10.0	Providing & laying reinforced cement concrete in Thrust Block/Pipe/Valves Supports etc. with tar steel black trap kapchi as coarse aggregate for raft, grillage footing inclusive providing binding necessary size TMT steel bar with centering form work, consolidating as per directive in 1:2:4 ratio.	20	Cu. Mtr.	8566.40	171328.00
11.0	Pressure & Vacuum Gauges with Accessories Design, Supply, Installation, Testing, Commissioning of Bourdon Type Pressure Gauge, $\pm 1\%$ accuracy, Direct bottom 1/2" NPT (M) process connection, IP 67, Glycerine filled, SS304 Case with Bayonet Type Bezel, SS316 L Bourdon Tube, SS 316 Movement material, Aluminium dial with black graduation on white background, Micro Zero adjustable pointer, neoprene gasket, Blow out disc, shatter proof glass, SS tag plate etc as per IS 3624 0 to 20 Kg/cm ² (For Delivery/Header pipe of existing and new pump set)	8	Nos.	1412.00	11296.00
12.0	M. S. Specials: Supply, Erection, Installation, Testing & Commissioning of M.S. Specials flanged ends.	800	Kg.	98.00	78400.00
13.0	Providing, erecting, fabricating the M.S. structure as per requirement on site incorporating proper size of M.S. angles, square, round, flats, bars, channels, sections complete with cutting, welding, grinding & finishing duly painted with one coat of red oxide with erection on site as per direction of engineer in charge with necessary grouting, cementing, plastering & finishing complete.	100	Kg	90.00	9000.00
14.0	LV MCC Panel with Microprocessor based soft starter SITC of LV MCC Panel totally enclosed, dust & bermin proof, indoor type, minimum degree of protection - IP 52 as per IS: 2147, operation on 3-Phase, 4 Wire, 415V, 50Hz, Neutral effectively grounded, with instrumentation compartments accommodating LED type indicating lamps, control contactors as per IS: 13947, CT of accuracy class- I as per IS: 2705, relays, meters & control MCBs, air insulated electrolytic grade Aluminium bus bar for three phase & neutral system with incoming breaker- microprocessor based Air Circuit Breakers (electrically operated draw out type)/ air break fixed type MCCB with trip free mechanism, current limiting type as per IS: 8828, Motor Contractor (as per type -2 coordination), Overload Relay with built-in single phasing prevention feature & auxiliary feeders as per SLD drawings, momentary contact type push buttons, equipment fittings, bus bars, cable boxes, cable gland, incoming & outgoing cable connection for 1100V grade, Aluminium/ Copper conductor XLPE / PVC insulated	2	NOS	988916.00	1977832.00

Item No	Description	Qty	Unit	Rate (Rs)	Amount (Rs)
	& PVC sheathed armoured cable, 10% spare terminals, power wiring using 1100V grade, FRLS insulated copper conductor wires conforming to IS: 694 & 8130, cable compartments / alleys of minimum 300 mm size, GI / Al earth bus bar for entire length. MCC shall be fabricated from cold rolled, cold annealed (CRCA) sheet steel & minimum thickness of various members shall be as follows: Base Frame / Channel / Gland Plate: 3 mm, Load Bearing Members / Doors: 2 mm and Internal Partitions: 1.6 mm Microprocessor based Soft Starter with external by pass contactor, Semiconductor Fuses, Harmonic Filters, cast resin type CT, Digital MFM, Analogue Ammeter & minimum 10 Channel Temperature Scanner with RS 485 communication port. (2W) 315 kW.				
15.0	APFC panel 300 KVAR (1+1): APFC panel consisting following items. a) 630 A, 50 kA for 1sec. TP, TM based MCCB with spreader terminals & rotary handle b) 0-630 A range analogue ammeter of 96 x 96 mm size with selector switch c) 3nos. 630/5A, 10 VA CL-1.0 cast resin type current transformer d) Suitable rating of MCCB/ MCB & Contractor for each capacitor bank e) Suitable rating APP type capacitor banks (vacuum impregnated with non-PCB/ non-toxic oil, internally delta connected with built in internal fuses complete with discharge resistances & terminal cover) of approved make in required steps (e.g., 300 KVAR capacity will be provided in steps of 2nos x 5 KVAR, 2 nos x 10 KVAR, 2 nos x 15KVAR, 2 nos x 20 KVAR, & 4 nos x 50 KVAR) f) Enclosure dimensions- 1900 (H) x 1200 (W) x 600 (D)	2	NOS	442717.00	885434.00
16.0	MEDIUM VOLTAGE CABLES Supply, laying, testing & commissioning 1.1 kV grade, XLPE insulated, stranded Aluminium conductor, galvanised steel flat strip / round wire armoured, extruded PVC type ST2 sheathed, heavy duty cable including cable lungs/glands/jointing kits etc. (to be laid on wall surface with necessary clamps / in existing cable trench / cable trays / conduit / pipe sleeves at road crossing or floor as per site requirement) conforming to IS:7098 (Part-1) & IEC:60502 (Part-1) of following sizes:				
16.1	2 Run 3.5 c X 500 Sq.mm AL XLPE Armoured (For busduct/PCC Panel to Soft starter and APFC Panel)	200	MTR	1211.00	242200.00

Item No	Description	Qty	Unit	Rate (Rs)	Amount (Rs)
16.2	2 Run 3.0 c x 400 sq.mm. AL XLPE Armoured (panel to 315KW)	250	MTR	1037.00	259250.00
16.3	3.0 c x 4 sq.mm. AL XLPE Armoured (For lighting)	250	MTR	61.00	15250.00
17.0	CABLE TRAY Supply & laying GI perforated type cable trays with returned edge/ flange, fabricated from 2.0 mm thick sheet steel in the standard length of 2.5 mtr, duly hot dipped galvanized after fabrication as per IS 2629-1989 / IS 4759-1984 including accessories such as coupler plates/ fish plates, bends, tees, reducers, elbows, covers and electro-galvanized hardware etc, erected on existing support as per specification and instruction of engineer in charge. 150(W) x 50(H) x 2.0 mm Thick	50	MTR	336.00	16800.00
18.0	Maintenance free Chemical Earthing Supplying & erecting earth pit of minimum bore dia.150mm size approved make Earthing Electrode consisting Pipe-in-Pipe Technology as per IS 3043-1987 made of corrosion free hot dipped G.I.Pipes having Outer pipe dia of 50mm having 80-200 Micron galvanising, Inner pipe dia of 25 mm having 200-250 Micron galvanising, connection terminal dia of 12mm with constant ohmic value surrounded by highly conductive compound with high charge dissipation suitable for following type of applications with chamber and heavy duty cover.(approved make OEM has to submit test certificate) & having back filling compound of (B) Inner chemical (CCM Compound)- Resistivity:- 0.2 \square / meter testing as per IEC 62561-2017, Voltage drop:- < 1 volt at no load & dry form, Sulphar content:- <2%(C) Back fill Compound :- Earthing compound should be capable to retain moisture for long time Necessary test report must be submitted. For Electrical installation up to 11 KV in normal soil. Length of Pipe : 2.00 mtrs Back filling Compound :1 no. Bag of 25 Kg..(for 2 nos. for Motors, 2 nos. for APFC panel)	4	Nos	5701.69	22806.78
19.0	G.I. Earth Strip Supply, laying and erection of 25mm(w) x 6mm(T) etc. sizes as required, HOT deep GI Strip including supply & fixing using GI spacers, saddles when laid inside the building and inclusive of excavation & refilling of earth when laid outside the building & interconnection with earth pit & all electro-mechanical equipments.as per detail specification.	150	Kg	76.27	11440.68

Item No	Description	Qty	Unit	Rate (Rs)	Amount (Rs)
	(25X 3 G.I Strip, 0.59 Kg/m, 0.59 x100Mt.=59Kg.)				
20.0	LED LIGHT FIXTURES: Supplying and erecting LED indoor fittings with LEDs of wattage 0.2 Watt to 0.5 Watt assembled on single MCPCB, with housing used as a heat sink shall be made of thick sheet Steel conforming to IS: 513/CRCA/ aluminium die cast powder coated and high U.V. & corrosion resistance with diffuser with company mark/name 120 to 300 V, Power Factor more than 0.9, THD < 10 %, CCT 3000 K to 6500K, Luminaire efficacy > 85 lumens/watt ,LED efficiency-110 lumens/watt LED driver efficiency > 85 % CREE / OSRAM / PHILIPS Lumileds / NICHIA / SEOUL/Bridgelux make LED used for luminaire. (fitting required LM-79 & LM-80 Certificates) Tube Light with integral/ nonintegral driver 22-24 Watts, Surge - 2KV,IP-20, 4 feet, Cat-III	4	NOS	750.85	3003.39
21.0	Providing and erecting Approved make Ceiling fan with double ball bearing ISI mark with condenser A.C. 230V.50 c/s.1200 mm. sweep complete, canopy erected on existing hook or clamp with earthing. [Make shall be approved by Engineer in charge]	2	Set	1580.51	3161.02
22.0	EXTERNAL LIGHTING: Supplying and erecting LED street light / Flood light fittings with High power White LEDs wattage of 1Watt and above assembled on single MCPCB, efficiency more than 130 Lm/w and corrosion free High pressure die cast aluminium housing with smooth finish powder coated and heat sink extruded aluminium with diffuser and Polycarbonate optics/ lenses with company mark/name engraved or embossed 120 to 300 V, Power Factor more than 0.95, THD < 10 %, CCT 3000 K to 5700K,Uniformity ratio >0.45, Luminaire efficacy > 100 lumens/watt . LED driver efficiency > 85 %. CREE / OSRAM / PHILIPS Lumileds / NICHIA / SEOUL/ BridgeLux (U.S.A.) make LED used for luminaire. (fittings required LM-79 & LM-80 certificates) Flood Light (IP-65), Surge -4KV, Light must have 440VAC line supply protection. It should withstand 48 hours for 440VAC line supply. above 60 to 90 Watts, Cat-III	4	NOS	6027.12	24108.47

Item No	Description	Qty	Unit	Rate (Rs)	Amount (Rs)
23.0	BRACKET: Supplying and erecting B class galvanised iron pipe 32 mm outside dia 45 cm long duly welded on 20 cm x 20 cm x 3 mm thick M.S. base plate, erected on wall or corner for mounting street light luminaire with necessary hardware materials duly painted.	4	NOS	338.98	1355.93
24.0	Supplying 4 mm rubber matting of following thickness as per IS:15652/IEC 61111 (for LT Panel)	12	SQ.MTR	1016.95	12203.39
25.0	Providing printed Instruction Chart both in English and Gujarati and duly framed with front glasses for treatment of person suffering from electric shock.	2	Nos.	129.00	258.00
26.0	Providing and erecting metallic vitrified Danger Notice Board for Medium Voltage installation to be erected as per IS	2	Nos.	69.00	138.00
27.0	Providing pair of Rubber Hand Gloves suitable for working on 11KV/22KV supply	2	Pair.	212.00	424.00
28.0	Supplying stand First AID box with antiseptic cream, medicine for use on wounds due burn, crepe bandage, gauge bandage, medicated ready to use bandage (Band-aid) adhesive tape for medicinal user, Scissors, anti-septic solution (Savlon or similar) etc. (All above contents shall be of standard makes)	2	Nos.	297.00	594.00
29.0	Providing and fixing 4.5 KG CO2 Type Fire Extinguisher As per IS. [A] For 4.5 Kg Capacity.	4	Nos.	6526.00	26104.00
Total Rs.					14469073.96
Say Total Rs.					14469074.00

Signature of Contractor

Executive Engineer
Public Health Mechanical Division
Palanpur

SCHEDULE- E							
Buyback of Existing Items							
Name of Work: Supply, Installation, Testing & Commissioning of VT Pump with associated Electro-Mechanical accessories at Aambaghata (Mumanvas) H/W Tal : satalasana, Dist:Mahesana Under Augmentation Of Palanpur Rural RWSS-2026-27							
Sr. No.	Brief Description of Item	Capacity / Rating / Size	Rate / Unit	Qty	Unit	Purchase Amount	Buy Back Amount
1	Vertical Turbine Pump Complete Assembly with Column Pipes & Sole Plates	443 M ³ / Hr x 135 Meters Head,225 KW	2487500.00	2	Set	4975000.00	621875.00
2	Induction Motor Only For Vatical Turbine Pump	225 KW	519200.00	2		1038400.00	129800.00
		225 KW	529200.00	2		1058400.00	132300.00
		90 KW	246900.00	3		740700.00	92588.00
3	Butter Fly Vavles	350 mm	29589.00	4	No.	118356.00	14795.00
4	Non Return Vavles	350 mm	63634.00	4	No.	254536.00	31817.00
5	Expansion Bellow	350 mm	12900.00	2	No.	25800.00	3225.00
6	MS Pipe	350 mm Dia.	2369.00	12	Mtr.	28428.00	3554.00
7	Transformer	1250 KVA	1233000.00	2	No.	2466000.00	246600.00
		1000 KVA	1072700.00	1	No.	1072700.00	107270.00
8	HT Panel VCB	400 Amp	356500.00	1	No.	356500.00	35650.00
9	Cable	1100 Volts 1 X 3 C x 240 sq mm as per IS/7098/I/	590.00	100	MTR	59000.00	5900.00
	Dismantling / demolition of the item required to execute the new mechanical /electrical work will be in the scope of contractor. The Buy Back are Not Limited to Above It May be Very As per Instruction of Engineer In Charge					12193820.00	1425374.00

Name of Work: Supply, Installation, Testing & Commissioning of VT Pump with associated Electro-Mechanical accessories at Aambaghata (Mumanvas) H/W Tal : Satalasana, Dist: Mahesana Under Augmentation Of Palanpur Rural RWSS-2026-27		
Summary (Schedule-B)		
Sr. No.	Name of Work	Amount Rs.
SCHEDULE B	SITC work	1,44,69,074.00
Summary (Schedule-E)		
SCHEDULE - E	Buyback of existing equipment	14,25,374.00
Tender Amount (Rs.)	1,30,43,700.00	

In Words Rs. One Crore Forty-four Lacs Sixty-Nine Thousand Seventy-Four only.			
I / We am / are willing to carry out the work at _____% (in Figures) _____ (in Words) Above / Below the tendered estimated rates mentioned above. (Strike out below whichever is not applicable).			
<u>OFFER FOR BELOW:</u>		<u>OFFER FOR ABOVE:</u>	
Estimated Cost Rs:	14469074.00	Estimated Cost Rs:	14469074.00
Less _____% Deduct Rs. _____.		Above _____% Add Rs. _____.	
Net Amount (Figures) Rs. _____.		Net Amount (Figures) Rs. _____.	
Deduct: Buyback Amount Rs. _____.		Deduct: Buyback Amount Rs. _____.	
Final Quoted Amount for Evaluation Rs. _____.		Final Quoted Amount for Evaluation Rs. _____.	

Note: (1) Bidder must quote minimum Rs. 14,25,374/- for buyback item. In case bidder quotes less than Rs. 14,25,374/- then at the time of evaluation Rs. 14,25,374/- shall be considered as quoted amount.

V.T.Pumpset Installation Layout

