

**CONTRACT NO.**

**GUJARAT WATER SUPPLY & SEWERAGE BOARD  
GANDHINAGAR**

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



Name of work:- “Providing and Installation of machinery and other repairing work of Pratappura & Soja WTP Under M & R to M1 P2 RWSS Ta:- Kalol District:- Gandhinagar.”

**VOLUME – II  
PRICE BID**

Chief Engineer  
Gujarat Water Supply & Sewerage Board  
Zone –II, Ahmedabad

## **1. Preamble to Price Schedules**

1. Name of work:- Providing and Installation of machinery and other repairing work of Pratappura & Soja WTP Under M & R to M1 P2 RWSS Ta:- Kalol District:- Gandhinagar. 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 ( Schedule B1, Schedule B2....), rates and prices received in any other formats will be rejected and the Bids will be disqualified.
3. It will be entirely at the discretion of the Employer to accept or reject the bidder's proposal, without giving any reasons whatsoever and the bidder shall not be permitted to withdraw his bid on this account.
4. Price Schedule-A gives the Schedule showing approximately the materials to be free supplied from the by client.
5. In Schedule-B the Bidder shall quote prices for the items percentage rate as called for against the BOQ item.
6. In Annexure-A the bidder 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.
7. 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.
8. In the Price Schedule B1 bidder shall furnish breakup of his prices quoted in Price Schedule-B and shall be carried forward to Schedule-B for comparison and evaluation.
9. Wherever for a particular item the quantities have been specified payment shall be on unit rate basis and unit variation in quantity will be paid with pro rata basis.
10. Each item is to be individually priced online and the amounts shall be added up to arrive at the "Total of each Price Schedule". No column in the Schedules of prices shall be left blank except where the item description requires the item to be priced on "as applicable" basis. The item shall not be priced if it is "not applicable" to the bidder's design, in which case the bidder shall add the words "NOT APPLICABLE". The wording in the item description is for subject matter guidance only; clause references are indicative only and all other relevant clauses shall also be referred to. The prices shall allow for all the works covered under the bid and all liabilities and contractual obligations whether separately specified or not. Items against which no prices are quoted shall not be separately paid for and the bidder shall be deemed to have covered the cost of execution of such items (according to the requirements of the bid document) in the prices quoted for other items.
11. Items not specifically listed in his Price Schedules, but required to be executed for satisfactory working/safety of the system as specified, will not be separately paid for by the Employer when executed and shall be deemed to be already covered by other items and rates listed in the price sheets No extra payment shall be given for any item which is required to complete and perform the project.
12. 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 Schedule B-1 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.

13. Schedule - D gives the basis of interim payment for construction of civil works.
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 GWSSB.
20. 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.
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 GWSSB and charges of the same will be borne by GWSSB.
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 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 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.
25. The rates should be quoted exclusive of GST, but inclusive of all other taxes as per Volume-1(B), General Conditions of Contract, Clause No-47.
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/HDPE pipe as per Volume-I(B), 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. 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.

29. 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.

30. 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.

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.

31. The contractor shall dismantle and remove the existing MS Clariflocculator Bridge. All dismantled materials shall be handed over to the department. No separate payment shall be made for this work.

Signature of Contractor

Executive Engineer,  
PH Works Division  
Gandhinagar

## 2. BID FORM (WITH PRICE)

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

To,

.....  
 .....  
 .....

Dear Sir,

**SUB : Name of work:- Providing and Installation of machinery and other repairing work of Pratappura & Soja WTP Under M & R to M1 P2 RWSS Ta:- Kalol District:- Gandhinagar.**

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, maintain and Run the whole of the said works for **6 (six) Months** 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, 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 with in **6 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 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 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 \_\_\_\_\_ 20\_\_

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Name of the person)

\_\_\_\_\_  
(In the capacity of)

Company Seal

\_\_\_\_\_  
(Name of firm)

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

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Witness :

Signature

Name

\_\_\_\_\_  
\_\_\_\_\_

**GUJARAT WATER SUPPLY & SEWAREGE BOARD**

**Name of work:** "Providing and Installation of machinery and other repairing work of Pratappura & Soja WTP Under M & R to M1 P2 RWSS Ta:- Kalol District:- Gandhinagar."

**SCHEDULE-- ( A )**

Sr.No.	Particulars	Approximate Quantity	Rate / Unit	Place of Delivery
1	---Nil---	---Nil---	---Nil---	---Nil---

**CONDITIONS**

- [ 1 ] Contractor shall have to buy & bring ordinary Portland Cement as per I.S. 12269 - 1967 or its latest revision with I S I Mark from open market and produce the bill of purchase along with necessary test certificate at the time of claiming Running Account Bills. The Cement shall be tested in the Departmental Laboratory at the cost of the Contractor whenever instructed by Engineer-in-charge. No extra cost should be claimed by the Contractor for the same
- [ 2 ] All materials except shown in Schedule-"A" and required for the work shall be provided by the Contractor
- [ 3 ] The Contractor shall arrange lifting and carting of materials from Departmental Store to site of work which includes loading, unloading and proper stacking of materials
- [ 4 ] The Contractor has to provide safe store before taking delivery of materials.
- [ 5 ] The materials not shown in Schedule-"A" will be issued at issue rate or market rate which is on higher side if the same is available with the Departmental and if found in the interest of work.
- [ 6 ] Any material remaining un-used at the time of completion of work or termination of contract shall be returned to departmental store in perfectly good condition at Contractor's cost. When materials are supplied free of cost for use in work and surplus and unaccounted balance thereof are not returned to the Department. Recovery in respect of such balances will be affected at double the applicable issue rate of the material or the market rate whichever is higher.

Executive Engineer  
P H Works Division  
Gandhinagar

**Signature of Contractor**

**Name of scheme:** "Providing and Installation of machinery and other repairing work of Pratappura & Soja WTP Under M & R to M1 P2 RWSS Ta:- Kalol District:- Gandhinagar."

<b>Schedule-B</b>		
<b>S.N</b>	<b>Name of Component</b>	<b>Estimated net cost</b>
1	Air Blower: Providing, installing & commissioning Air agitation system including Blowers(40 HP), piping and valve arrangement etc, as per design FOR ALL BEDS	1383852.00
2	Alum Stirrer: Providing, installing & commissioning Alum stirrers with motor(1) HP), gear arrangement & electrical cable, connections, control panels etc. (size as per design)	77372.00
3	Single Girder EOT Crane: Supply, installation, testing & commissioning single girder type fully electrically operated EOT crane with electrically operated hoist, class II duty geared travelling trolley with seven meter lift complete with long travel rail track (40 mm sq bar), moving or cross girder, all three motions electrically operated by suitable rating motor IP 54, control panel & down pendant control block, brake, safety device, cables from motor to starter panel & other required accessories & tested as per IS Specifications 2T 6m height	832500.00
4	Flash mixer: Providing , installing & commissioning Flash mixer impeller with motor, gear arrangement & electrical cable , connections control panels etc. (size as per design) 5hp	309484.00
5	M.S.Bridge with Flocculator & Scraper: providing fabricating , fixing/installing & commissioning clarifier M.s. BRIDGE WITH RAILS and wheels rotating arrangement incl. peripheral trolley , central bearing etc.complete size as per design . Should be of branded. Supporting MS girder of lifting device of required size	824010.00
6	Motors And Gearboxes : For clari Bridge: Extra for 3 motors of required RPM and 3 gear box assemblies with one slipping unit including wiring and installing switch and control panel as per requirement.	425540.00
7	Providing and fixing rolling shutters of approved make made of 80 mm wide M.S. laths inter-locked together through their entire length and jointed together at the ends by end locks mounted on specially designed pipe shaft with bracket plates, guide channels and arrangements for inside and outside locking with push-pull operation including the cost of hood cover and spring etc. complete (A) Shutters having width below 3.5 m.	21995.06
8	Dismantling steel work including distempering and stacking the materials with all lead and lift. Kg	1866.29



9	Providing and fixing 25 mm x 5.2 mm MS railing with three horizontal rows and posts of angles iron of size 65 mm x 65 mm x 8 mm RCC 150 mm and 1.15 meter height and placed at 1.85 mt c/c including painting two coats and anchorage in cc etc complete	37717.68
10	Supply of V-wire under drain system for RSF beds made from made from stainless steel screen with base pipe of HDPE pipes with other accessories for one bed having two compartment & size of each bed is 6 m x 4 m . The system shall consist of required length of laterals , each having MOC SS 304 with 300 micron slot screen based on 3" HDPE pipe . The air distribution shall be done uniformly and shall cover all laterals individually.	3002400.00
11	Pre-cast Cement concrete tiles	3959.55
	<b>Total:-</b>	<b>6920696.58</b>

I/We am/are willing to carry out the work at % ABOVE/BELOW percentage ( should be written in figure & words ) above /below the estimated rates mentioned above /below amount of my/our tender worked out as under :-

Estimated amount put to tender Rs.

Rs. Add %

Above Rs.

Total Rs.

( In words Rs.

Estimated amount put to tender Rs.

Rs. Deduct %

Below Rs.

Total Rs.

( In words Rs.

**Sign of Contractor**

Executive Engineer

P H Works Division

Gandhinagar

**Name of Work:** Providing and Installation of machinery and other repairing work of Pratappura & Soja WTP Under M & R to M1 P2 RWSS Ta:- Kalol District:- Gandhinagar.

Schedule B-1					
Item No	Item Description	Qty	Unit	Rate	Amount
1	<b>Air Blower:</b>				
	Providing, installing & commissioning Air agitation system including Blowers(40 HP), piping and valve arrangement etc, as per design FOR ALL BEDS	4	set	345963.000	1383852.00
2	<b>Alum Stirrer:</b>				
	Providing, installing & commissioning Alum stirrers with motor(1) HP), gear arrangement & electrical cable, connections, control panels etc. (size as per design)	4	No.	19343.000	77372.00
3	<b>Single Girder EOT Crane</b>				
	Supply, installation, testing & commissioning single girder type fully electrically operated EOT crane with electrically operated hoist, class II duty geared travelling trolley with seven meter lift complete with long travel rail track (40 mm sq bar), moving or cross girder, all three motions electrically operated by suitable rating motor IP 54, control panel & down pendant control block, brake, safety device, cables from motor to starter panel & other required accessories & tested as per IS Specifications				
	2T 6m height	2	set	416250	832500.00
4	<b>Flash mixer</b>				
	Providing , installing & commissioning Flash mixer impeller with motor, gear arrangement & electrical cable , connections control panels etc. (size as per design) 5hp	4	No.	77371.00	309484.00
5	<b><u>M.S.Bridge with Flocculator &amp; Scraper</u></b>	-			
	providing fabricating , fixing/installing & commissioning clarifier M.s. BRIDGE WITH RAILS and wheels rotating arrangement incl. peripheral trolley , central bearing etc.complete size as per design . Should be of branded.	30	rmt	27467.00	824010.00
	Supporting MS girder of lifting device of required size				
6	<b><u>Motors And Gearboxes : For clari Bridge</u></b>	4	set	106385.000	425540.00
	Extra for 3 motors of required RPM and 3 gear box assemblies with one slipping unit including wiring and installing switch and control panel as per requirement.				

**Schedule B-1**

7	Providing and fixing rolling shutters of approved make made of 80 mm wide M.S. laths inter-locked together through their entire length and jointed together at the ends by end locks mounted on specially designed pipe shaft with bracket plates, guide channels and arrangements for inside and outside locking with push-pull operation including the cost of hood cover and spring etc. complete (A) Shutters having width below 3.5 m.	6.25	Sq.m	3519.21	21995.06
9	Providing and fixing 25 mm x 5.2 mm MS railing with three horizontal rows and posts of angles iron of size 65 mm x 65 mm x 8 mm RCC 150 mm and 1.15 meter height and placed at 1.85 mt c/c including painting two coats and anchorage in cc etc complete	489.8	KG	77.00	37717.68
10	Supply of V-wire under drain system for RSF beds made from made from stainless steel screen with base pipe of HDPE pipes with other accessories for one bed having two compartment & size of each bed is 6 m x 4 m . The system shall consist of required length of laterals , each having MOC SS 304 with 300 micron slot screen based on 3" HDPE pipe . The air distribution shall be done uniformly and shall cover all laterals individually.	96	sq.mt	31275.00	3002400.00
11	Pre-cast Cement concrete tiles	52.5	Sq.m	75.42	3959.55
				<b>Total Rs.</b>	<b>6920696.58</b>

Executive Engineer  
P H Works Division  
Gandhinagar

**Annexure-A**

<b><u>LIST FOR EQUIPMENTS/INSTRUMENTS REQUIRED FOR OFFICE WORK.</u></b>		
<b>Free of Cost</b>		
<b>Item Description</b>		
Agency has to Procure and must supply at site <b>free of cost</b> and has to hand over to Engineer in-charge Within one month from date of work order given as under.		
<b>No.</b>	<b>Description</b>	<b>Nos. Of item.</b>
1	<b>One Laptop not less than 15 inch Display, core i5, 10thGeneration, 8 GB RAM, 512 GB SSD, with windows 10 andoffice2019bothpreinstalledfrombrandDELL,HP,Lenovoasapproved by Engineer in-Charge</b>	1.0No
2	<b>Multifunction Printer cum scanner with 28 PPM speed from brand like Canon, HP or equivalent with all necessary accessories etc. complete.</b>	1.0 No
<b><u>Note:- all above item must be provided by Agency at free of cost.</u></b>		
<div> <div>Signature of Contractor</div> <div> <div>Executive Engineer</div> <div>P H Works Division</div> <div>Gandhinagar</div> </div> </div>		

**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.

**SCHEDULE - D**  
**BREAK UP FOR INTERIM PAYMENTS**

<b>Item</b>	<b>Description of Items</b>	<b>Percentage Payment to be released</b>
1	All Mechanical – Electrical Equipment & all civil work shall have following three stages of payment viz. On completion of Supply, on completion of Erection / Installation & on completion of Testing & Commissioning as per weight age specified above.	
a	On Supply of Equipment at Site	75 % of Weight age (Amount)
b	After Installation / Erection of Equipment	15 % of Weight age (Amount)
c	After Successful Testing & Commissioning of Equipment (On Completion of Stipulated Trial Run)	10 % of Weight age (Amount)

Executive Engineer  
P H Works Division  
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