

GUJARAT WATER SUPPLY AND SEWERAGE BOARD



Bid Documents for work of Drilling of 165 mm dia. x 90 Mts. Deep bore by DTH Rig with Providing & installation of I.M.II Hand pump and construction of C.C. platform as per UNICEF design & drawing with soak pit and 32 mm NB ISI marked medium duty GI Pipe at diff. villages of **Talukas Limkheda, Singvad & Sanjeli of Dist. **Dahod** under **Different Programme.****

Executive Engineer
P. H. Mechanical Division,
2nd Floor, Jalbhavan, Opp. LIC Office,
GWSSB, Dahod
(+91 99250 30908)



GUJARAT WATER SUPPLY AND SEWERAGE BOARD

PUBLIC HEALTH MECHANICAL DIVISION, **DAHOD**

Bid Documents for work of Drilling of 165 mm dia. x 90 Mts. Deep bore by DTH Rig with Providing and installation of I.M.II Hand pump and construction of C.C. platform as per UNICEF design & drawing with soak pit and 32 mm NB ISI marked medium duty GI Pipe at diff. villages of **Talukas Limkheda, Singvad & Sanjeli of Dist. **Dahod** under **Different Programme****

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BID DATA SHEET

For tender and the work details queries, please contact following officers:

Sr. No	Name of Officer	Designation and Address	Contact Nos.
1	Shri S B Patel	Executive Engineer, P. H. Mechanical Division, GWSSB, 2 nd Floor, Jalbhavan, Opp. LIC Office, Dahod	Mobile: 9925030908
2	Shri N H Bhanushali	Deputy Executive Engineer, P. H. Mechanical Sub- Division, GWSSB, Nr Laxmi Kanya chhatralaya, Dhanpur Road, Limkheda	Mobile: 9033730712



MILE STONE DATES

Gujarat Water Supply & Sewerage Board

TENDER NOTICE NUMBER: 03 of 2026-27.

GWSSB invites Online tender for Drilling of 165 mm dia. x 90 Mts. Deep bore by DTH Rig with providing and installation of I.M.II Hand pump and construction of C.C. platform as per UNICEF design & drawing with soak pit and 32 mm NB ISI marked medium duty GI Pipe at diff. villages of **Talukas Limkheda, Singvad & Sanjeli** of Dist. **Dahod** under **Different Programme.**

(A) Details of Tender Item:

Sr. No.	Name of Work	Estimated Value in Rs.	EMD In Rs.	Tender fee In Rs.	Period of completion of Work
1.	2.	3	4	5	6
1.	Tender for Drilling of 165 mm dia. x 90 Mts. Deep bore by DTH Rig with Providing and installation of I.M.II Hand pump and construction of C.C. platform as per UNICEF design & drawing with soak pit and 32 mm NB ISI marked medium duty GI Pipe at diff. villages of Talukas Limkheda, Singvad & Sanjeli of Dist. Dahod under Different Programme.	2479318.00	24,800.00	900.00	1 year

(B) Schedule for e-tendering is fixed as under:

(i)	Site Visit (If any)	No Visit
(ii)	Pre-bid Conference	No pre-bid.
(iii)	Bid documents Downloading Start date	<u> </u> /06/2026
(iv)	Bid documents Downloading End date	Up to date: 00/ 06/2026 up to 15.00 hrs
(v)	Physical submission of Tender Fee, Earnest Money Deposit and Affidavit.	Instruments of tender fee & EMD shall be submitted in electronic format only through online (By scanning) while uploading the bid. The submission shall mean that tender fee and EMD are received for purpose of opening the bid. Accordingly offer of those shall be opened whose tender fee, EMD and Affidavit is received electronically. However for the purpose of realization of instruments of tender fee, EMD and Affidavit bidder shall send the same in original through RPAD/



		<p>Speed Post/ Hand Delivery so as to reach to the office of the Executive Engineer, Public Health Mechanical Division, 2nd Floor, Jalbhavan, Opp. LIC Office, Dahod up to Next working day of the last date of bid submission date: 00/00/2026 upto 15.00 Hrs. For not submitting the DD, FDR, Affidavit in original bidder shall be debarred from participating in any tender of the GWSSB for period of 3 years as a punitive action. All the documents in supporting of tender bid shall be submitted in electronic format only through online (By scanning). Hard copy will not be accepted separately.</p> <p>Tender Fee (Document Fee): Rs.900.00 (Rupees Nine Hundred only) in form of demand draft in favour of Executive Engineer, Public Health Works Division, Dahod payable at Dahod. Demand draft shall be issued by any Nationalized banks or as per list mentioned in GR of Finance Department, GR. No.: FD/ MSM / e – File / 4 / 2025 / 2712 / DMO Date: 01/04/2026 (Enclosed).</p> <p>Earnest Money Deposit: Rs.24,800.00 (Rupees Twenty four Thousand Eight hundred only) in form of FDR/BG in favour of Executive Engineer, Public Health Works Division, Dahod and shall be valid for 180 days from the last date of submission of bid shall be issued by any Nationalized Banks or as per list mentioned in GR of Finance Department, GR. No.: FD/ MSM / e – File / 4 / 2025 / 2712 / DMO Date: 01/04/2026 (Enclosed).</p> <p>EMD shall be released after depositing performance bond of required amount & validity by the agency as n0-0-0-0arrated below.</p> <p>Performance Bond: In form of FDR / BG with details of</p>
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		<p>amount & validity described below in favour of Executive Engineer, Public Health Works Division, Dahod and shall have validity of Twelve Months from the date of letter of Agreement(L.O.A) by this office. The same shall be issued by any Nationalized banks or as per list mentioned in GR of Finance Department, GR. No.: FD/ MSM / e – File / 4 / 2025 / 2712 / DMO Date: 01/04/2026 (Enclosed). Intimation regarding depositing performance bond shall be given by the Executive Engineer, P. H. Mechanical Division, Dahod. Performance bond, If not furnished within 10 days from the date of letter of Agreement (L.O.A), EMD shall be forfeited & drilling rig registration shall also be terminated.</p>
(vi)	Online opening of Technical Bid	On date: 00/00/2026 at 17.30 hrs. (if possible) at Office of the Executive Engineer, Public Health Mechanical Division, 2nd Floor, Jalbhavan, Opp. LIC Office, Dahod.
(vii)	Online opening of Price Bid	On date: 00/00/2026 after 00.00 hrs. (if possible) at Office of the Executive Engineer, Public Health Mechanical Division, 2nd Floor, Jalbhavan, Opp. LIC Office, Dahod.
<p>Eligibility: All bidders must furnish the following details in scanned format uploaded on line with tender submission.</p> <ol style="list-style-type: none"> 1. Certified copy of registration as DTH drilling contractor with GWSSB / GWRDC with self certified copy of RC book of drilling rig. OR Latest Valid registration copy as civil Contractor with minimum “E-1” class & Above appropriate class, as issued by R&B/ Irrigation/WRD/ GWSSB/CPWD & Other State Govt. department. 2. Affidavit in prescribed format duly notarized on Rs. 300.00 Non Judicial Stamp paper to be submitted online (Format is enclosed on last page of this volume). 3. PAN CARD of Income Tax. 4. GST Registration Number. 5. Other documents should be scan and upload as per Pre-Qualification criteria of this volume on Page No. 09 <p>Note: Pre qualification is mandatory for this bid. Bidder(s) who do not qualify in above criteria will be disqualified.</p>		
	Further Details of this tender are as under:	

1.0	Particulars: Drilling of 165 mm dia. x 90 Mts. Deep bore by DTH Rig with providing and installation of I.M.II Hand pump and construction of C.C. platform as per UNICEF design & drawing with soak pit and 32 mm NB ISI marked medium duty GI Pipe at diff. villages of Talukas Limkheda, Singvad & Sanjeli of Dist. Dahod under Different Programme .
2.0	Down loading Tender Document:
2.1	Bid documents will be available on web site.
2.2	Bidders wishes to participate in this tender will have to register on web site https://gwssb.nprocure.com
3.0	Digital Certificate:
3.1	Bidders who wish to participate in online tenders will have to procure / should have legally valid Digital Certificate (Class III) as per Information Technology Act-2000 using which they can sign their electronic bids. Bidders can procure the same from any of the license certifying Authority of India or can contact (n) code solutions- a division of GNFC Ltd, who are licensed Certifying Authority by Govt. of India.
3.2	All bids should be digitally signed, for details regarding digital signature certificate and related training involved the below mentioned address should be contacted: (n)Code solutions A division of GNFC 301, GNFC Info tower, Bodakdev, Ahmedabad 380 054 (India), Telephone: +91 26857316/17/18 Fax: +9179 2685732, E-mail: nprocure@gnvfc.net Direct No: 079 30181689.
3.3	Bidders who already have a valid Digital certificate need not procure a new Digital certificate.
4.0	No Pre-Bid
5.0	On line Submission of Tech-bid & price bid.
5.1	Bidders can prepare & edit their offers number of times before tender submission's final date & time. After tender submission date & time, bidder cannot edit their offer submitted in any case. No written or online request in this regard shall be granted.
5.2	Bidder shall submit their offer i.e. Technical bid and Price Bid in Electronic format on above mentioned website & before final date of submission shown above after Digitally signing the same.
5.3	Offers submitted without digitally signed will not be accepted.
5.4	Offers (Price bid) in physical form will not be accepted in any case.
6.0	Submission of tender documents.
6.1	Bidder shall have to scan all P. Q. Documents and other relevant tender documents properly along with tender fee & EMD instruments (for confirmation of EMD and Tender fee) & upload online along with the bid.
6.2	Bidder has to submit the documents as said in 6.1 above and no other condition in any form shall be considered at all at the time of evaluation of the tender i.e. The bidder shall have to submit unconditional offer without differing from any of the tender conditions.
7.0	Opening of Tender:
7.1	Bid documents will be opened on date & time shown above in the office of the Executive Engineer, Public Health Mechanical Division, Mangal Building, Panchal Hospital, Ankleshwar Mahadev Road, Dahod.

7.2	Intending bidders or their representative who wish to remain present at GWSSB premises at the time of tender opening can do so.	
7.3	The offline technical evaluation of the tenders received on or before last date of submission would be done and results will be displayed on website.	
7.4	After successful completion of Technical Evaluation, price bid of only those bidders would be opened online, whose offers have been found to be substantially responsive.	
8.0	Contacting Officer:	
8.1	Further details / clarifications if any required will be available from Shri S.B.Patel, Executive Engineer (Mechanical), Dahod. Mobile: 99250 30908.	
8.2	In case bidder needs any clarification / assistance or if training required for participating in online tender, they can contact at following office.	
	(n)Code solutions A division of GNFC 301, GNFC Info tower, Bodakdev, Ahmedabad- 380 054 (India) Tel : +91 26857316/17/18 Fax: +91 79 26857321E-mail: nprocure@gnvfc.net Direct No: 079 30181689	
9.0	General instructions:	
9.1	The fees for on line tender document will not be refunded under any circumstances.	
9.2	EMD in the form specified in tender document only shall be accepted.	
9.3	Conditional tenders shall not be accepted.	
9.4	Bid shall be valid for 180 days from last date of submission.	
9.5	This tender notice shall form a part of tender document.	
9.6	The bidders are advised to read carefully the "Instruction for Bidder" and "Eligibility Criteria" contained in the tender documents.	
9.7	The Internet site address for E-Tender is https://gwssb.nprocure.com and that of corporate web site is www.nprocure.com	
9.8	Free training camp for bidders will be organized on every Saturday between 1.00 to 5.00 PM at (n) Code solutions, A division of GNFC , 301, GNFC Info Tower, Bodakdev, Ahmedabad 380 054 (India). Bidders are requested to take benefit of the same.	

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

Check List of the documents to be scanned and uploaded online:

- 1 Scan & upload copy of EMD paid to concerned **Executive Engineer, P. H. Works Dn. Dahod.**
- 2 Scan & upload copy of Tender fee paid to concerned **Executive Engineer, P. H. Works Dn. Dahod.**
- 3 PAN CARD
- 4 GST registration certificate.
- 5 Certified copy of registration as DTH drilling contractor with GWSSB / GWRDC with self certified copy of RC book of drilling rig.
OR
Latest Valid registration copy as civil Contractor with minimum **"E-1"** class & Above appropriate class, as issued by R&B/ Irrigation/WRD/ GWSSB/CPWD & Other State Govt. department.
- 6 Affidavit in Prescribed format duly notarized on Rs. **300/-** Non Judicial Stamp Paper to be submitted online as per Format. (This affidavit includes declaration regarding not blacklisted and no work left incomplete any Govt./ Semi Govt. Department of state/ Central Gov/ Municipality/ Municipal Corporation.)

Check List of the documents to be submitted in original by the bidder in **Next working day of the last date of bid submission up to 15:00 hours through RPAD/Speed Post / Hand Delivery as mentioned in NIT**

- 1) Tender fee in from of Demand Draft in original.
- 2) EMD in the form of FDR/ Bank Guarantee in original.
- 3) Affidavit on Rs. 300 stamp paper in original.

Gujarat Water Supply & Sewerage Board

Public Health Mechanical Division, Dahod

GENERAL TERMS AND CONDITIONS

1. 100 % work shall be assigned to L1 agency.
2. The contractor(s) shall have to furnish number of registered drilling rigs with GWSSB.
3. All the tools and plants such as DTH drilling machine with compressor required for drilling of bore etc. shall be provided by the contractor at his own cost at the site of work.
4. If none of the contractors, who have offered their rates, are willing to carry out the work, the department will have full liberty to get such works carried out through other contractors. Also in case if insufficient numbers of contractors are willing to carry out the work, this liberty will be operative to engage other contractors to cover up the outstanding and spill over work.
5. The contractor(s) shall have to furnish the information regarding numbers of rigs he owns along with the tender.
6. The approved rates will be applicable for a period of 12 months from the date of agreement with the competent authority of GWSSB.
7. The right is reserved with the competent authority to accept or to reject all the tenders assigning no reason thereof.
8. Payment for drilling bore will be made on measured quantity only. The EE/DEE/Hydrologist or his representative shall verify the Strata (i.e. Jr. Geologist-in-charge) and decision will be binding to the Contractor. The contractor should furnish strata samples after completion of bore to sub division office.
9. In case of dispute for unforeseen or over looked item the decision the GWSSB's competent authority / authorities will be final and binding to the Contractor.
10. The Contractor will have to provide Free of Cost filled up Data Sheet in A.4 Size paper as attached (in Gujarati).
 - (a) Bore Drilling Report (બોર શારકામ રીપોર્ટ) Annexure: III
 - (b) Hand pump Installation Report. Annexure: IV
11. If any naked (without casing) bore is fail due to hydrological / mechanical failure should be abandoned & filled up by agency after taking Rojkam from village / Falia / hamlet. If any accident occurred due to naked unfilled bore than all this responsibility is of agency. And for that all liabilities of agency. There is no responsibility of department.
12. The bore plug should be fitted by Contractor on each harnessed bore till HP is installed and bore plugs should be returned back to department by Contractor when HP is installed on successful bore. Fail bores should have bore plug fitted.



13. If the agency does not carry out the work after allocation of pin point the department has right carry out the work by Other Agency.
14. બોરની ઊડાઇ અને કેસીંગ પાઇપની માપણી કરવા માટે એજન્સી અથવા પ્રતિનિધી તથા બે માણસોએ કચેરીના જણાવ્યા મુજબનાં દિવસે અને સમયે હાજર રહેવાનું રહેશે તથા સદર માપણી માટે વાહનની વ્યવસ્થા જરૂર જણાયે કરવાની રહેશે.
15. બોર શારકામ તથા હેન્ડપંપ ઇન્સ્ટોલેશન થયા બાદ કચેરીના જણાવ્યા મુજબની મોબાઇલ એપ્લિકેશનથી પોષ્ટકાર્ડ સાઇઝના ફોટોગ્રાફ latitude & Longitude સાથે Annexure – III અને Annexure – IV સાથે ફરજિયાત આપવાના રહેશે.
16. નાના બાળકોને બોર-વેલમાં પડતા અટકાવવા માટે નામ. સુપ્રિમકોર્ટ દ્વારા જાહેર કરવામાં આવેલ ગાઇડ લાઇન માટે મુ.ઇ.શ્રી, (યાં), ગુ. પા.પુ. અને ગ. વ્ય. બોર્ડ ગાંધીનગર ના પત્ર નં. મુ.ઇ(યાં) / NPCR / બોર/ ૧૧૧૧ તા.૩૧-૧૨-૧૯ નો ચુસ્તપણે અમલ એજન્સી દ્વારા કરવાનો રહેશે. (ટેન્ડર સાથે સામેલ છે)
17. 25 % of drilling charge amount is kept in deposit for work of installation of Hand Pump. This deposit will released along with submission of hand pump installation Final bill.
18. If Hand pump installation material i.e. India Mark- II Telescopic / Normal stand Hand pump or 32 mm dia. G.I. pipe is not issued within one month than 25 % Drilling Deposit which is kept in deposit as per condition above (20) can be released as material not available by concern Engineer in-charge.
19. Agency shall drill bore more than 90 Mt. and up to 200 Mt. if required as per instruction of Engineer in charge / Geologist report at the same approved rate. No extra payment will be made.

20. ભાવ તફાવત (Price Variation):

બોર ડ્રીલીંગની આઇટમોમાં મુખ્ય ઘટકો ડિઝલ, મટીરીયલ અને લેબરના ભાવોમાં ડબલ્યુ પી.આઇ. ઇન્ડેક્સમાં થયેલ ભાવ વધારાને લક્ષમાં લઈ ૨૫% ભાવ વધારો લેવા ઠરાવેલ. ડીઝલના ભાવમાં વારંવાર થતી વધ ઘટને લક્ષમાં લઈ વિસ્તૃત ચર્ચાને અંતે આ બાબતે ડીઝલના સ્ટાર રેટ આધારીત પ્રાઇસ વેરીએશન ક્લોઝ ટેન્ડરમાં રાખવા પણ નક્કી કરવામાં આવેલ. જે મુજબ નીચે પ્રમાણેની ફોર્મ્યુલા આધારીત ઉક્ત ક્લોઝ અમલીકૃત કરવા નક્કી થયેલ.

Price Variation clause:

Formula = $Z \times W \times (D1-D2)/D2$

Z= Bill Amount of the particular Bore

W= weightage of the Diesel 52 %



D1= Rate of Diesel at the time of pin point Given Diesel rate will be taken from IOCL petrol pump through SMS and will be published every week on Monday by Head office, GWSSB.

D2= Star Diesel Rate shall be taken at the time of uploading of tender.

બેઝીક ભાવો રૂપિયા પ્રતિ લીટર,

ડીઝલ- રૂ.98.13 પ્રતિ લીટર (તા: 01-06-2026)

ઉપરોક્ત ભાવો તા: 01-06-2026 ના પ્રવર્તમાન છે .સદર ભાવો GWSSBની Website : <https://watersupply.gujarat.gov.in> ઉપરથી જાણી શકાશે.

21. ઉપરોક્ત કલોઝ (21) ત્યારે જ લાગુ પડશે કે જ્યારે પીન પોઇન્ટ આપ્યેથી દિન-૭ માં કામો ચાલુ કરેલ હોય તથા ના.કા.ઇ.શ્રી દ્વારા પીન પોઇન્ટ આપ્યાની જાણ ઇ-મેલ મારફતે વિભાગીય કચેરીને જાણ કરવાની રહેશે.
22. પાણી પુરવઠા બોર્ડમાં રજીસ્ટ્રાર થયેલ રીગ ઠેકેદારશ્રી પાસે પોતાના રીગ ઉપરાંત માલિકીની રીગ ન હોય તેવી અન્ય રીગોથી પણ કામો કરાવી શકશે.

Signature of Contractor

Executive Engineer

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

COMMERCIAL TERMS AND CONDITIONS

1. The offers are invited from the drilling contractors registered with GUJARAT WATER SUPPLY & SEWERAGE BOARD / GWRDC for these types of works and having required capacity of machinery to drill bore. The contractor should produce a copy of registration of drilling rig along with R.C. book for verification in this regard.
2. Rates are invited through web site (E- tendering process). Interested bidders can download tender documents from web site within stipulated time limit. Duly supporting documentary evidences shall have to be uploaded with the tender. As narrated in NIT, EMD and tender fees shall be submitted in proper form to **Executive Engineer, Public Health Mechanical Division, 2nd floor, Jalbhavan, Opp. LIC Office, Dahod** by **R.P.A.D. or speed post or Hand Delivery** only but within stipulated time limit. Bidders shall have to accept technical, commercial and general terms, conditions and specifications of tender document by signing digitally. The price bid will be opened only after bidder(s) qualify as per qualification criteria.
3. The tender fees in form of demand draft in favour of **Executive Engineer, Public Health Works Division, Dahod** payable at **Dahod** Demand draft shall be issued by any Nationalized Banks or as per list mentioned in GR of Finance Department, **GR. No.: FD/ MSM / e – File / 4 / 2025 / 2712 / DMO Date: 01/04/2026 (Enclosed)**.
4. The EMD as mentioned in NIT should be paid in the form of FDR / BG in favour of **Executive Engineer, Public Health Works Division, Dahod** and shall be valid for six months from the last date of submission of bid. It shall be issued by any nationalized banks or as per list mentioned in **GR of Finance Department, GR. No.: FD/ MSM / e – File / 4 / 2025 / 2712 / DMO Date: 01/04/2026 (Enclosed)**. EMD shall be released only after finalizing the tender by the competent authority and after depositing the performance bond by agency.
5. No exemption from E.M.D. shall be given to any contractor on any account. Offer(s) without EMD shall be rejected outright.
6. Conditional offers will not be accepted. The department will not give any advance payment against the tender award.
7. The rates quoted should include loading, unloading & carting of all materials from the designated departmental store(s) to site of work at his cost. Materials not covered in the tender however necessary to ensure completion of work will have to be supplied by the contractor if asked by the department for which rates shall be paid as per provision of clause - 14 of B-1form.



8. The department will not issue exemption certificate for any Government levies.
9. Tender Validity Period: The tender offer shall be valid for period of **180** days from the last date of receipt of the tenders. Any tender for lesser validity for the date on which than the tender shall be out right rejected.
10. **Security Deposit:** Security deposit at **2.5 %** of the estimated amount as per schedule B shall have to be paid by the bidder at the time of entering into agreement with the concerned Executive Engineer. This would be in the form of FDR of nationalized / scheduled bank except co-operative. Remaining **2.5 %** will be deducted from the running accounts bill (s) due to the contractor. Security deposit will be released after six months from the date of passing of final bill only after receipt of no due certificate from the concerned Deputy Executive Engineer (EIC). Amount of security deposit shall be greater of these i.e. estimated amount & approved bid amount of allotted work.
11. **Tender Agreement:** The contractor(s) shall be required to enter in to agreement B 1 with the Executive Engineer for allotted work(s).
12. **Quantum of Work:** As mentioned in Price bid (Schedule B). However work shall be executed depending on actual requirement. The estimated quantities may vary depending on actual need. Contractor will not be entitled to receive any compensation in case of any decrease in estimated quantities. Likewise the contractor may have to execute excess quantities of any item (s) included in BOQ depending on actual requirement.
13. **Excess Extra Items:** The contractor is bound to carry out **50 %** excess quantities of work of all the items included in this tender as per actual need & as directed by the EIC and as suggested by the Hydrologist. The sanction of such excess work will be accorded as per prevailing delegation of power (DOP) of the GWSSB at the competent level. However the payment to be made for all such excess quantum of work up to 10 % of the estimated quantity shall be as per approved rates. Excess work carried out more than 10% of the estimated quantity the payment shall be made as per approved rates or prevailing SOR whichever is lower.

Similarly for any extra item(s) not included in this tender are also required to be carried out as per actual need & as directed by the EIC and as suggested by the Hydrologist. However the payment to be considered for all such extra item(s) of work shall be as per prevailing SOR (Civil / Mechanical) of GWSSB. However the decision of competent authority as per DOP shall be final & binding to the contractor.
14. **A) Time limit & Compensation for Delay: (For Drilling work):**

The entire tender work shall be completed within **12** Months from the date of **LOA**. The contractor shall have to complete the allotted works in all respects within the stipulated time limit which will be 30 Days from issue of pin point. The contractor is bound to carry out estimated quantity of work on as and when required basis during the currency of the contract which shall be **12** Months from the date of **LOA**. The drilling contractor can be asked to simultaneously deploy more than one drilling rig of required capacity if asked



to do so by the **Executive Engineer (Mechanical), Dahod** in writing depending on urgency of work(s). However the supervision of all works will be sole responsibility of the agency which has entered in to the agreement. The agency should be received the Pin Point in written from Engineer in-charge. The rig should be deployed within 7 days after receiving pin point otherwise penalty @ Rs.500/- per bore per day will be levied. The compensation for delay in work as liquidated damages will be recovered as per condition of printed B-1 tender form & relevant clause.

- B)** The contractor(s) shall have to complete all work in all respects within the stipulated time limit which is narrated in clause **14** above. The drilling contractor shall have to deploy drilling rig(s) of required capacity. Work shall be allotted on as & when required basis. The compensation for delay in work as liquidated damages will be recovered as per condition of printed B-1 tender form & relevant clause. In the event of decrease in the estimated quantity (ies) of all the items specified in the price schedule B, the contractor shall not be entitled to receive any extra compensation on this account.

C) LIQUIDATED DAMAGES FOR SUPPLY OF MATERIAL:

Material shall be supply and offered for inspection within 30 days from the date of order. In the event of the failure of bidder or contractor to offer the material for inspection under the supply order in the stipulated time limit and also in case of the said material not reaching at the destination in the time limit as stipulated, GWSSB will charge liquidated damages at the rate not exceeding 0.1% of the cost of delayed material per Day for the period of aforesaid delay in offering the material for the inspection and also for the delay in causing the delivery of dully Inspected materials at the destination in accordance with the stipulations under this contract. The maximum amount of liquidated damages so recoverable shall not exceed 10% of the cost of undelivered material under supply order. In such an event, the failure on the part of bidder or contractor will be treated as breach of the contract and the security deposit shall be forfeited, unless written permission for extension of time limit is granted.

15. Prices & Payment:

The bidder must understand clearly that the prices quoted are for the total works or the part of the total works quoted includes all costs due to materials, labour, equipment, tools & tackles, transportation, loading, unloading, stacking, supervision, other services, royalties, octroi, labour cess, State & Central Government taxes / levies etc. No claim for additional payment beyond the prices quoted will be entertained and the bidder will not be entitled subsequently to make any claim on any ground.

Payment Terms:

For Drilling & H.P. Installation work:

The payment will be made after satisfactorily completion of the drilling & H.P. Installation work as per requirement and tender specifications. However, payment shall be made as per the availability of fund and providing following Annexure with the bill. Annexure –III & IV duly signed by the concerned Sarpanch / Talati / Teacher / Health Worker etc.

16. **Guarantee or Warranties:** The contractor shall warrant and guarantee the entire work and parts thereof against faulty or defective workmanship provided by him / them as provided in CL.17 of printed in B-1 tender form.
17. **Jurisdiction:** Jurisdiction of the contract shall as per the head quarters of the concerned P. H. Mechanical Division office i.e. **Dahod** where tender agreement for the work is executed.
- Dispute:** In the event or any problem, dispute or differences arising out during carrying out the contracted works, the decision of the **Superintending Engineer, P. H. Mechanical Circle, Vadodara** will be final and binding on the parties to this contract.
18. In case, if any contractor (other than the lowest bidder i.e. L1 in a particular group) gives written submission expressing his unwillingness / refusal to carry out work at approved rates, then his EMD will be released but his right regarding this tender will be forfeited and no work will be allotted to the same contractor during the currency / applicability of this tender.
19. Income tax & all other applicable taxes, any other levies, cess, etc. will be deducted from the bill as per applicable rates at the time of making payment.
20. The amount recoverable from the contractor by G.W.S & S. B. on any account, can be recovered from the bills payable to the contractor(s) under this clause.
21. Payment will be made as per the approved rates of this tender for which agreement is done. In any case, if depth of bore is required to be increased / decreased due to technical reasons than payment will be made as per the rates of the group for which the agreement is made. If the actual depth drilled is less than estimated depth, no compensation shall be given to the contractor on account of decrease in estimated depth.
22. Pre-qualification is mandatory for this bid.
23. Limitation of depth of bore is as mentioned in BOQ. However the contractor is bound to drill bore up to required depth.
24. **Rates are exclusive of GST but inclusive of all other taxes.**
25. The Rates to be quoted by the contractor must be exclusive of GST but inclusive of all other taxes. GST should be paid extra on the admissible payment as per the approved tender rates and condition of price variation; GST should be paid as per prevailing rates at the time of payment.
26. Contractors should abide circulars issued by GWSSB with respect to GST and other taxes.
27. Agency should quote the firm and fixed rates which will prevail throughout the currency of the tender which shall be minimum **12 Month** from the date of **L.O.A.**

28. Income tax and all statutory deductions will be made as per prevailing Government norms.
29. Agency must scan GST registration number document and upload the same with the tender.

30. **Modification of Documents:**

Modification of specifications and extension of the closing date of tender, if required, will be made by the corrigendum. Copies of each corrigendum shall be uploaded & sent to all bidders. These shall be signed and shall form a part of tender. The bidder shall not add to or amend the text of any of the documents except in so far as may be necessary to comply with any corrigendum.

Addenda/ Corrigenda

Addenda / Corrigenda from a part of the contract document and full consideration shall be given to all addenda in the preparation of tenders. Bidders shall verify the number of Addenda / Corrigenda issued, if any and acknowledge the receipt of all addenda in the tender. Failure to so acknowledge may cause the tender to be rejected.

- A Tender inviting authority may issue Addenda to advise bidders of changed requirements. Such addenda may modify previously issued addenda.
- B No addendum may be issued after the time stated in the notice inviting tenders.

31. **Evaluation of Tenders:**

The bidder will have to qualify in the post qualifying criteria laid down for financial, technical and experience criteria. In comparing tenders, the GWSSB shall consider such factors as the time of completion, efficiency and reliability or construction method proposed, compliance with the specification, relative quality. Evaluation criteria specifically mentioned in the specifications will also be taken in to consideration in the evaluation of tenders. The bidder will have to quote for item mentioned in price bid schedule (B).

32. **Policy for Tender under Consideration:**

Tender shall be deemed to be under consideration from the opening of the tender until such time any official announcement of award is made. While tenders are under consideration, bidders and their representative(s) or other interested parties are advised to refrain from contacting / influencing personnel or representatives of GWSSB on matters related to the tender under scrutiny. GWSSB if necessary, will obtain clarifications / additional information on tenders from any or all bidders in writing. The bidder will not be permitted to change the substance of his tender after bids have been uploaded. Noncompliance with this provision shall make the tender liable for rejection.

33. **Award:**

Award of the contract or the rejection of tenders will normally be made during the tender validity period stated in the notice inviting tenders.

A After all contract contingencies are satisfied and the letter of acceptance of the bid (notification of award) is issued, the successful bidder shall execute the contract agreement within maximum 10 (ten) working days and shall furnish the security deposit (performance bond) as required herein. The contract agreement shall be executed in form stipulated by GWSSB.

B If the bidder receiving the LOA / LOI of award fails or refuses to execute the contract agreement, within the stated time limit or fails / refuses to furnish the bond as required herein. The department will forfeit the security deposit / EMD and will be debarred from participating in GWSSB tenders and blacklisted for three years.

34. **Signing of Contract:**

The successful bidder shall be required to execute the contract agreement in required forms within 10 days from the date of issue of LOA / LOI with the designated officer of GWSSB as narrated in NIT. Failure to do so will automatically entitle the GWSSB to forfeit the security deposit / EMD and will be debarred from participating in GWSSB tenders and blacklisted for three years.

The person to sign the contract document shall be a person as detail provided in documents submitted by the agency. (signing of tender document).

35. **Disqualification:**

Tender shall be disqualified and will not be taken for consideration if

A The tender security deposit is not deposited in full and in the manner specified as per the NIT i.e. Earnest Money Deposit.

B Bidder does not agree to payment terms defined in clause 18 i.e. payment terms.

C A tender may further be disqualified if

i) Price variation is proposed by the tender on any principal other than those provided in the tender documents.

ii) Completion schedule offered is not consistent with the completion schedule defined and specified in tender documents.

iii) Any conditions are specified in the tender.

36. **STAMP DUTY CHARGES:**

Stamp duty on all documents to be executed in connection with the contract to the tendered into shall borne by the seller.

37. **Brand Name:**

Hand pump spares must comply with IS 15500 with latest amendments and 32mm Dia. medium duty GI pipe must be ISI marked as per IS 1239 with latest amendment.

38. **Non-Transferable:**

Tender documents are not transferable.

39. **Cost of Tendering:**

GWSSB will not defray expense incurred by bidder in tendering.

40. **Right Reserved:**

The GWSSB reserves the right to reject any or all tenders, to waive any informality or irregularity in any tender without assigning any person. The GWSSB further reserves the right to withhold issuance the notice to proceed, after execution of the contract agreement for the period of stated in the notice inviting tenders and no additional payment will be made to the successful bidder on account of such withholding. GWSSB is not obliged to give reasons for any such action.

41. GWSSB reserves right to reduce / increase the scope of work without assigning any reasons even after the award of contract.

42. No advance for mobilization or advance on material will be given.

43. The scope of work is clearly mentioned in the tender documents. The contractor shall have carryout the work in accordance with the detailed specifications. No deviations, unless explicitly authorized by the competent authority of GWSSB, shall be accepted.

44. Joint venture are not allowed.

45. If any information / details provided by the bidder(s) is found false during scrutiny or at later stage, his / their EMD shall be forfeited and shall be disqualified for the proposed work. If any information provided by the bidder is found false after award of work, the performance security of the bidder shall be forfeited and the contract shall be terminated.

46. Under no circumstances the contractor shall be allowed to sub contract / sublet the work to other contractor / agency

47. **Price Escalation**

There is no clause / provision of price escalation on any account during the currency of the contract.

48. **SETTLEMENT OF DISPUTES AND ARBITRATION:**

A) **SETTLEMENTS OF DISPUTES:**

i) If any dispute of any kind whatsoever may arise between the Employer and the Contractor in connection with or arising out of the Contract, including without prejudice to the generality of the foregoing any question regarding its existence validity or termination, or the execution of the works whether during the progress of the work or before or after the termination, abandonment or breach of the contract, the either

parties shall have to raise/ refer their disputes/ differences / claims in writing to the other party, within a period of 30 days on occurrence of such events, to resolve any such dispute or difference.

- ii) The contractor shall have to refer their disputes to the concerned Superintending Engineer. After receipt of the dispute from the contractor under this clause, the Superintending Engineer In-charge of works shall have to submit their report to the Chief Engineer within a period of 90 (Ninety) days. The Chief Engineer shall offer an opportunity to the contractor to be heard and to furnish evidence in support of their disputes within 30 (Thirty) days after the receipt of the disputes duly compiled by Superintending Engineer. After hearing the contractor regarding their disputes along with their documentary support and the concern Superintending Engineer & Executive Engineer in charge of the work, the Chief Engineer shall give decision within a period of 120 (One Hundred Twenty) days or the contractor is dissatisfied with the decision within 120 (One Hundred Twenty) days after the contractor has been heard. If The Chief Engineer does not give decision within 120 (One Hundred Twenty) days or the contractor is dissatisfied with the decision of the Chief Engineer, the contractor shall within 30 (thirty) days after receiving the instruction or decision, appeal to the Member Secretary, GWSSB. After hearing both the parties the Member Secretary, GWSSB will give reasonable decision within 120 (One Hundred twenty) days from the date of receipt of appeal by the contractor. The decision of the Member Secretary, GWSSB shall be final and binding on both the parties. If the Member Secretary, GWSSB does not give decision within 120 (One Hundred Twenty) days after the date of appeal by the contractor, the contractor will have right to refer the dispute to

B) ARBITRATION:

- i) Subject to Clause (A) mentioned above and in the event of any dispute or difference arising out of or in any way relating to all concerning these contracts or the construction or effect of these contracts shall on the Tribunal Constituted Under The Provision Of Gujarat Public Work Contract Dispute Arbitration Tribunal
- ii) The arbitration shall be conducted in accordance with the provisions of at such place and time as the Tribunal may determine.
- iii) The decision of the tribunal shall be final and binding upon both the parties. The expenses of the arbitration shall be paid as may be determined by the Tribunal.

- iv) Performance of the contractor under the contract shall if reasonably be possible, continue during the arbitration proceedings and payments due to the contractors by the owner shall not be withheld, unless they are the subject matter of the arbitration proceedings.
- v) The dispute is deemed to have arisen on the date, on which Member Secretary, GWSSB shall not give his decision as mentioned above in Clause (A) or in the case of intimation of any decision, the contractor intimates in writing that he has finally refused to accept the offer made by the GWSSB.
- vi) Where any dispute arises between the parties to the work contract either party shall irrespective of whether such work contract provides for any arbitration or not, refer, within one year from the date that Member Secretary, GWSSB has not given the decision as per Clause (A) such dispute in writing to the Tribunal for arbitration in such form and accompanied by such documents or other evidence any by such fees, as may be prescribed.
- vii) Legal jurisdiction: All question relating to this Tender shall be governed by the law of India and shall be subject to jurisdiction of court at Gandhinagar, Gujarat.
49. **Special Condition 1: If the Agency will not come for Agreement after issue of LOI/LOA then EMD shall be forfeited and Agency will be debarred for 03 years from competing in GWSSB contracts.**
50. **Special Condition 2: If the Agency will not start work after issue of pinpoints within 07 days then Security deposit shall be forfeited and Agency will be debarred for 03 years from competing in GWSSB contracts.**
51. **The bidder shall be disqualified if,
If IP address of one or more participated bidders are found duplicate / same doubtful. GWSSB will consider that contractors have made RING while bidding and department will reject all such doubtful and action for blacklisting or/and debarring of business will be taken against those contractors.**
52. **If contractor shall neglect or fails proceed with the work due to diligence or if he violates any of provision of the contract then Clause -3 "Default by contractor" of B-1 tender form is applicable and it is binding to contractor(s).**

Signature of Contractor

Executive Engineer

TECHNICAL SPECIFICATION



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

Name of work: Drilling of 165 mm dia. x 90 Mts. Deep bore by DTH Rig with providing and installation of I.M.II Hand pump and construction of C.C. platform as per UNICEF design & drawing with soak pit and 32 mm NB ISI marked medium duty GI Pipe at diff. villages of **Taluka: Limkheda, Singvad & Sanjeli** of Dist. **Dahod** under **Different Programme.**

Drilling of 215 mm dia. bore hole for 175/ 180 mm dia. ERW/UPVC/PVC pipe up to required depth in over burden strata (maximum up to 30 meters or up to the depth as suggested by Geologist / Hydrologist) and further drilling of 165 mm dia. bore hole in remaining rocky or sandstone strata up to 90 mtr. depth or suggested by Geologist / Hydrologist. The drilling shall be done by the down the hole hammer type drilling rig & lowering 175/180mm dia. ERW/UPVC Pipes. The carting of pipes and other materials of etc. should be carried out by contractor from stores to site of work at his own cost.

Drilling work shall be carried out at the sites shown by the Department. The diameter of the hole should be 215 mm in over burden strata and 165mm dia. in Rocky & Sandstone strata up to overall specified depth of 90 mtr. or as per suggested by Geologist / Hydrologist. The Drilling shall be carried out in over burden strata up to maximum 30 Meters or up to the depth as suggested by Geologist / Hydrologist. If further drilling cannot be done due to overburden up to 30 meters, or in rocky & Hard or Sandstone strata due to Mechanical failure up to specified depth the drilling shall have to be stopped in consultation with Engineer-in-charge and payment shall be made for such drilling carried out by the Contractor as actual.

The 175/180mm dia. ERW / UPVC/PVC pipes should be lowered by the contractor in over burden strata. Contractor as desired by the Engineer-in-charge will carry out the jointing of pipes. Necessary jointing materials, steel bended plates etc. should be provided by the Contractor at his own cost.

DRILLING OPERATION:

The Drilling operation for drilling of Bores should be carried out by suitable rig to satisfy following.

(A) For Drilling Through overburden:

1. The diameter of the bore in the over burden shall be sufficient for insertion of 175/180 mm dia. ERW / UPVC / PVC casing pipes with the joints and leaving sufficient annular space for grouting the casing pipe with sticky clay or local soil etc. Annular space between bore hole and casing pipe should be filled up with sticky clay or local materials etc.



2. After completion of overburden strata, the bore should drilled up to 1.00 mtrs. in rocky / Hard / Sandstone strata. So that casing pipes can be properly embedded in the Rocky / Hard / Sandstone formation.
3. After the casing pipe is embedded in the rock, the same is to be grouted with materials like sticky clay or local materials etc. so, as to avoid leaking of drain water in the bore.
4. Drilling of 215mm dia bore in over burden strata is compulsory up to 30 mtrs. or as suggested by Geologist / Hydrologist.

(B) For Drilling Through Rock:

Bore through rocks shall be of 165mm dia. and the total depth from the ground level of the bore shall up to 90 mtrs. or as per the recommendation of the Hydrologist / Jr. Geologist (Depth up to **200** mtr). No extra rate will be paid separately.

LOWERING OF CASING PIPES:

1. Casing pipes shall be properly socketed, welded & screwed, so as to ensure a continuous length lowered through the over burden, so as to reach at least 0.15 mtr. Inside the hard rock. The length of casing pipes should be kept such that at least 0.30 mtrs. Remains projected above the Ground Level. After completion of the work at site, the top of the casing pipes shall have to be closed either by a screwed or by welded cap plug (if required for HP Installation) unless pump is fitted immediately after completion of the bore.
2. The casing pipe shall be lowered in such a manner so that it remains vertical so as to ensure installation of pump.
3. The depth of bore to be drilled as per the recommendation of Jr. Geologist / Hydrologist shall be less or more depth. If the bore required to be drilled beyond the specific depth 90 mtrs. the contractor shall be bound to carry out such work at the rate mentioned in "Schedule : B".
4. All the tools and tackles or plants and other suitable machinery required for work for drilling, developing, gauging etc. for the Tube well & installation of Hand pump shall be provided by the Contractor at his own cost at the site of work.
5. In case of any item not covered by the specifications stated herein the Contractor shall carry out such work strictly, according to written instructions of Engineer-in-charge, which will be binding to the Contractor and shall have to carry out such work at Departmental Schedule. The rate shall be mutually agreed up on, however, the decision of the Engineer In charge will be final.
6. During the Drilling Operation, if the water bearing strata found at a depth lesser than estimated depth, the Executive Engineer or his representative shall have authority to instruct the Contractor to stop the work. For reduction in the quantity of the work, the Contractor shall not be eligible for any compensation.
7. If the bore is required to be drilled above the specified depth, the Contractor shall be bound to carry out such additional work, including drilling providing and lowering of casing pipes as may be necessary. The relevant specifications regarding drilling

- providing and lowering pipe, taking yield test and strata sample etc. shall also apply in case of such additional work. The rates for additional work will be paid as per the rate fixed.
8. Lowering and fixing of housing and casing shall be carried out in workman like manner. The contractor shall be responsible for workman compensation in case of any accident. In case of dispute or overlooked items the decision of the concerned Executive Engineer shall be final and binding to the Contractor.
 9. The contractor shall clear the site before starting of the work and after completion of the work and shall hand over the bore with final finishing of the work to Gram Panchayat. As directed by the Engineer-in-charge which shall have to be done by the Contractor at his own cost.
 10. The approach roads to site of work may be Kachha roads and contractor shall have to make his own arrangements for repairing of the road and maintain the same for transporting his materials and equipment at his cost, which shall be utilized by the department for inspection etc. purpose.
 11. The list of the locations, where bore well are to be drilled will be provided at time of Tender agreement and Similarly, the actual site of work will be given to the Contractor by the Geologist or Engineer-in-charge from the respective Mechanical Division / Sub. Division after agreement within three days.
If a well is rejected on account of faulty workmanship or negligence on the part of the Contractor as well as if, the verticality is not within the permissible limit the bore shall be rejected and the Contractor shall have to drill a new bore including lowering pipes etc. at his own cost.
 12. If, further drilling cannot be carried out due to encountering the sticky clay or over burden beyond limits (i.e. beyond 30 meters.) or in rocky/sandstone formation up to specified / suggested depth in a such a case the decision of the Executive Engineer on recommendation of Hydrologist will be binding to the Contractor as finalized by Executive Engineer and Hydrologist. In such event, the payment of bore shall be released on the recommendation of Geologist / Hydrologist.
 13. The Contractor will have to make arrangement at his own cost for cleaning of bore hole, if filled up by clay, sand, dust & boulders etc.
 14. On completion of drilling work up to the required depth, the bore is to be developed and cleaned by suitable capacity air compressor up to the sand free discharge.
 15. The Contractor will have to make arrangement at his own cost for.....
 - A. Rig Vehicles, Machineries etc.
 - B. Facilities for moving bulky materials.
 - C. Realizing the Transporting Materials.
 - D. Keeping in custody Department Materials until finally taken over by the Office-in-charge of the work.
 - E. Repairing to the damages caused in the process of the executing the works.
 - F. Approach road to the site.



16. Issued of Materials and Transport:

The casing pipes for insertion in over burden & other Materials shall be issued to the Contractor from Departmental store. Contractor without any extra charge will make Transportation and Loading and Unloading of pipes Hand pump etc. and any other Materials from sub division store to the site of work. The safe handling and custody of such materials shall be the responsibility of the Contractor & same access materials should be handed over back to department before final bills.

17. SIZE OF BORE PLUG :

Bore Plug is Suitable for 175mm UPVC Pipe. It is having 100 mm Height made from 5 mm thick M.S. plate (For top also) with 3 holes at equal distance on circumference for nut – bolts type, locking arrangement with nuts – bolts & lock nuts of std. make complete.

Signature of Contractor

Executive Engineer

TECHNICAL SPECIFICATIONS FOR Connecting Rod

Manufacturing Scope, References, Nomenclature, Dimensions and Tolerances, Raw Materials, Anti-Corrosive Treatment, Workmanship, Testing, Guarantee, Marking and Packing as per respective part of IS:15500 with latest amendment.

Connecting Rods Electro-galvanizing according to IS: 1573 Service Grade No. 4, consisting of Item No. (1) to (3) As per IS:15500 Fig. 4.21

Note:-

- (1) The purchaser's mark with Year of Manufacturing as "GWSSB" be embossed/ engraved if possible, otherwise stick an adhesive sticker on each Hand Pump Spares. For smaller Spare where it is not possible to mark as "GWSSB" on each spare, such marking on Bundle / Bag with Marking of Inspecting Authority is acceptable.
- (2) Any other important matter that the manufacturer deems fit to be inscribed.
- (3) Material should only packed and dispatch as per packing IS with latest amendment as per here below specifications & criteria if found not in proper packing like in wooden box/ carte/ cardboard carton/ polyethylene bag that particular bag/bundle will not be accepted. It is recommended to supply materials in the multiplication of 250 Nos / bag for ease of counting & accepting.

Eligibility:

All Indian Manufacturers having Valid BIS: 15500 (Part-II) /Respective Part for the components of IS: 15500 only are eligible for this supply.

TECHNICAL SPECIFICATIONS FOR 32MM GI PIPE

Manufacture, supply and delivery of ISI marked 32 mm dia medium quality galvanized Mild Steel Tube (Continuously Welded) Electric Resistance Welded (ERW) High frequency Induction Welded (HIFW) Hot Finished Welded (HFW) type screwed at both ends to IS: 554/85 for pipe threading suitable for water and Gas application socketed on one end and other end protected with plastic thread protector in approximate length of 3 meters conforming to IS: 1239(Part-I) 2004 with latest amendments. Sockets should be as per IS: 1239(Part-II)/1992 with Latest amendments or relevant IS shall be applicable.

The details specifications are as under;

1)	Nominal bore of pipe	:	32 mm
2)	Outside diameter of pipe	:	Minimum 42.0 mm and Maximum 42.9 mm
3)	Thickness of pipe	:	3.2 mm minimum. Tolerance of Thickness: No Negative Tolerance shall be allowed either in H.R. Coil thickness or Pipe

			Thickness.
4)	Length of Socket (minimum)	:	51 mm
5)	Out Side dia of Socket (Minimum)	:	49 mm
6)	Length of Pipes	:	Approximate 3 Mtrs. Tolerance of Length +/- 150mm.
7)	Test and Tolerances of Pipes and Socket except in thickness.	:	As per IS: 1239 (Part-I) / 2004 with latest amendment. As per IS: 1239 (Part-II) / 1992 with latest amendment.
8)	Minimum Weight of Pipes	:	3.13 Kg /Meter in the Parity of Minimum thickness.
9)	Quantity Variation	:	+/- 5% Quantity Variation is acceptable on the orders place by GWSSB.

The pipes shall have to be manufactured as per terms and conditions laid down in IS: 1239 with latest amendments. The inspection authority will verify and certify that the appropriate size (Thick) H.R. Coil conforming to IS:10748 Grade-2 is used to manufacture the pipes to have specified thickness of pipe considering the tolerance of H.R. Coil i.e. the Coil used shall not be less than 3.2 mm thick in case of 32mm dia GI pipes.

The sampling and testing of steel tubes for Visual, Dimensional Alignment and mass requirement shall be in accordance with IS Specification.

The number of tubes to be sampled and tested for mechanical properties are as per IS Specification.

The firm with whom the order will be placed shall be bound to offer the pre-dispatch inspection to GWSSB or their authorized person as per the relevant IS as applicable with latest revision /amendment. The firm shall have to give all required tests, which shall satisfy the requirement of the specification.

MARKING:

The methods of marking all the pipes to be delivered under scope of contract shall ensure that all the information will remain legible even after transportation, storage in open space etc. In general the legible and marking upon the goods shall indicate the followings:

- i) ISI certification mark embossed/engraved on each meter.
- ii) Manufacturer's brand name and/or trade mark.
- iii) Purchaser's mark as "GWSSB" is embossed / engraved on each pipe with Year of Manufacturing.
- iv) Diameter and specified wall thickness.
- v) Batch No. / Lot No. to be Inscribed / embossed / engraved on Pipe

vi) Any other important matter that the manufacturer deems fit to be inscribed

Eligibility:

1. All Indian Manufacturers having valid BIS License (IS: 1239 Part-1) holders for respective size for this supply.

Common clause for Supply of Material

CLAUSE : -1 SUPPLY ORDER:

Supply order shall be placed on the basis of requirement quantity by the Executive Engineer **Dahod**

Superintending Engineer **Vadodara**, GWSSB have right to cancel supply order or to change in order quantity, if the material is not offer for inspection with in stipulated time limit.

CLAUSE : -2 INSPECTION:

Material shall be supply and offered for inspection within 30 days from the date of order.

The inspection call with all Internal Test Report shall be given to the inspection authority Executive Engineer, Public Health Mechanical Division, **Dahod**. Tenderer have to place material at concern gwssb's store premises of concern District for inspection.

Signature of Contractor.

Executive Engineer,
P.H. Mech. Division
Dahod

DETAILED SPECIFICATION FOR INSTALLATION OF INDIA MARK-II / III / NORMAL TELESCOPIC / EXTRA DEEPWELL HAND PUMP, WHICH ARE TO BE FOLLOWED BY THE CONCERN CONTRACTORS.

1. Before starting of installation work contractor should have to confirm list of successful bores with dept. & other required details during installation of Hand Pump, contractor should have to remove bore plug fixed to the open top and of the casing pipe and measure depth of bore / Tube well and measure static water level and ensure that it is free from any obstruction. If any obstructions found during the installation, he should have to inform the Engineer-in-charge.
2. While installation of Hand Pump, contractor should have to excavate pit size, 76 cm x 76 cm x 40 cm deep.
3. Cement concrete ratio is to be of 1:2:4 mean that C.C. ratio is of 1 Part of Cement, 2 Part of sand and 4 parts of 20mm Metal (Kappchi).
4. Firstly contractor should have to install hand pump pedestal in such a way that the leg of the pedestal and the pump spout must face the water drain, duly completion of procedure said in above Clause No. 2.
5. Use spirit level to keep pedestal should be in vertical position. then contractor should have to pour the C.C. to complete the foundation and Plate form by using M.S. Plate form shuttering.
6. Plate form should be in slope of 1:50 towards drain so that extra water will run away in drain and plate form remains dry.
7. Water Soak pit should be prepared in such a way that all water should be soaked and as per UNICEF Design & Drawing attached.
8. Before, fitting cylinder to the rising pipe, it must be checked in a bucket of water, any defect or leakage in Cylinder.
9. As per UNICEF specification approximate material requirement for construction of one plate form along with garden drain (excluding Soak pit) is
 - (A) Cement 6 bags (0.20 m³) each of 50 Kgs. (as per IS marked Portland cement).
 - (B) Sand: 0.40 m³.
 - (C) Metal (20 mm size) 0.80 m³ these quantity must have to be used by the contractor and certificate for proof should be submitted to sub-divisional office duly signed by Sarpanch / Talati / Health worker / Teacher or any other Govt. employee or person staying near by Hand Pump of the Village & Engineer in charge.
10. Before lowering of pipes and rods, for installation check that pipes and rods thread should be of good finish and clean.

11. Contractor should use jointing compound and tighten fully. Wipe off excess jointing compound. As such all the component of Hand Pump set should be assembled properly so that minimum repairing work arises.
12. The pipes, rods etc. should be tighten and lowered firmly so as to get the quite vertical string into the bore.
13. The pipes and rods along with cylinder should be lowered so as to get the maximum advantage of the depth of the bore drilled. Even in season of summer with respect to S.W.L. discharge and draw down of the bore and handling should be free
14. To protect the newly constructed C.C. work arrangement such as keeping suitable fencing by local material so as to avoid damage to the C.C. work is to be made by the contractor. If any damage before hardening of C.C. works, contractor has to repair or reconstruct the work.
15. If, under any circumstance, any of pipes, Hand Pump rod etc. falls in to the bore, contractor will have to remove such things at his own risk and cost and will have to re-lower pipe and Hand Pump Rod.
16. In case of failure bore due to mis-handling of installation of Hand pump lowering of pipes, cylinder if any, no payment shall be made for the work carried out and full amount of (drilling and casing pipes) bore will be recovered from the contractor.
17. The contractor and his staff (Team) for bore drilling & installation of H.P should behave mannerly and humbly with local people / leader / other officers.
18. Compulsory bore drilling & Hand Pump installation weekly progress along with certificate of satisfactorily working and C.C. work from Sarpanch / Talati / Teacher / Health worker / Care taker etc. should be submitted to the Sub-Divisional Office of each last working day of week.
19. Hand Pump handle chain should be Lubrication by Graphite Grease free of cost during installation of Hand Pumps by the Contractor.
20. Work should be of good finish and as per the specification, design, and standard of UNICEF and the Dept. Any change in design from contractor will not be allowed without prior permission of Executive Engineer.
21. Contractor should collect from concerned Sub-Division printed post card of Hand Pump repairing and distribute free of cost to Sarpanch / Teacher / Health Worker / person staying near by Hand Pumps.
22. The H.P. set shall be installed only after bore drilled pipes lowered, strata chart prepared, and approved by the Jr. Geologist, / Hydrologist, Bores checked, measured, accepted by the Engineer-in-charge and Dy. Ex. Engineer.
23. In the interest of GWSSB, the GWSSB bore Depth, Casing pipes 32mm dia. pipes, Date of Installation etc. details to be embossed on C.C. plate form, by the Contractor Free of Cost.
24. Lowering and fixing of rising pipes shall be carried out in workman like manner. The contractor shall be responsible for workman compensation in case of any accident. In case of dispute of overlooked items the decision of Executive Engineer shall be final and binding to the Contractor.



The GI Pipes and Cylinder of Hand Pump should be lowered freely and Hand Pump should work satisfactorily.

Signature of Contractor

Executive Engineer



ANNEXURE : I**DETAILS OF DRILLING RIG WITH CONTRACTOR.**

Name of work: Drilling of 165 mm dia. x 90 Mts. Deep bore by DTH Rig with providing and installation of I.M.II Hand pump and construction of C.C. platform as per UNICEF design & drawing with soak pit and 32 mm NB ISI marked medium duty GI Pipe at diff. villages of **Taluka: Limkheda, Singvad & Sanjeli** of Dist. **Dahod** under **Different Programme.**

1.	<u>NAME OF AGENCIES / CONTRACTOR</u>	:	
2.	Name of the owner whose Rig is Registered with Registering Authority.	:	
3.	Total Nos. of Rig Registered under the Name of Agency (With following details of each Rig.)	:	
	(A) Type of Rig.	:	
	(B) Air compressor capacity PSI : CFM.	:	
4.	Average working capacity of each Rig in Terms of Nos. of Bores per month (with average depth of Bore).	:	
5.	Overall working capacity of Agency in Terms of Nos. of Bores per month (with average depth of Bore) shall be considered as under.	:	

Sr.	PSI	CFM	No. of Bores/Month
1.	150	400	50
2.	150	600	60
3.	200 & above	800 & above	75

N.B. :The Capacity of Rig (CFM / PSI of compressor) as mentioned in the attested purchased document, submitted along with rig will only be valid.

Signature of Contractor

Executive Engineer



ANNEXURE : II

GUJARAT WATER SUPPLY & SEWAGE BOARD PUBLIC HEALTH MECHANICAL DIVISION, **DAHOD** STARTA CHART

Name of village:_____	Programme:_____
Helmet village(Location):_____	Agency:_____
Taluka:_____	Date of Starting:_____
District:_____	Date of completion:_____
(1)Depth of Bore_____ Mt.	(2) _____ mm dia. ERW/UPVC/PVC casing Pipe_____ Mt.
(3)_____ mm dia. coupling used _____ Nos.	(4) _____ mm dia. Bore Plug 1No
(5)Static Water Level_____ Mt.	(6)Discharge _____ L.P.M.
(7)Result: Success/Fail	

Details of Bore

Agency	Jr. Geologist/Hydrologist	In charge Engineer.	Deputy Executive Engineer P. H. Mech. Sub Dn.
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Annexure-III (એનેક્ષર-૩)

ગુજરાત પાણી પુરવઠા અને ગટર વ્યવસ્થા બોર્ડ

બોર શારકામ રીપોર્ટ – ૧૬૫ મીમી ડી.ટી.એચ બોર.

૧	એજન્સીનું નામ	:	
૨	એગ્રીમેન્ટ નં.	:	
૩	ગામનું નામ	:	
૪	ફળિયાનું નામ લોકેશન સહિત	:	
૫	તાલુકો / જિલ્લો	:	
૬	બોરની કૂલ ઉંડાઇ (મીટરમાં/ફુટમાં)	:	
૭	વપરાયેલ કેસીંગ પાઇપ(મીટરમાં/ફુટમાં)	:	
૮	પાણી કેટલા-કેટલા ફુટે મળ્યું (મીટરમાં/ફુટમાં)	:	
૯	પાણીનું સ્ટેટીક લેવલ (મીટરમાં/ફુટમાં)	:	
૧૦	પરિણામ (સફળ/નિષ્ફળ)	:	
૧૧	ડિસ્ચાર્જ (વી નોય)	:	લીટર પ્રતિ/મીનીટ
૧૨	બોર શારકામ શરૂ કર્યા તારીખ	:	
૧૩	બોર શારકામ પુર્ણ કર્યા તારીખ	:	
૧૪	બોર પ્લગ ફીટ કરેલ છે.	:	હા કે ના
૧૫	Latitude , Longitude	:	
૧૬	વિશેષ નોંધ	:	

તી :

સહી.

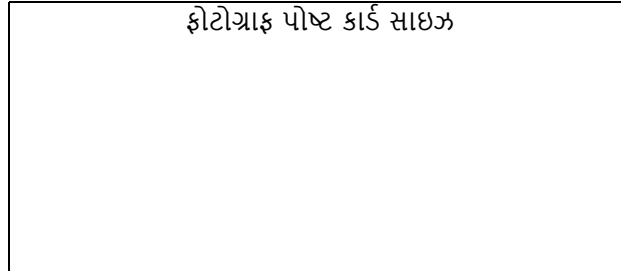
(સરપંચ/તલાટી મુ. શિક્ષક/ આરોગ્ય કાર્યકર/સ. મંડળીના પ્રતિનિધિ/ સ્થાનિક લોકો વગેરે પૈકીની સહીઓ)

૧.....

૨.....

૩.....

ફોટોગ્રાફ પોષ્ટ કાર્ડ સાથે



ઠેકેદારની સહી

Annexure-IV (એનેક્સર-૪)

ગુજરાત પાણી પુરવઠા અને ગટર વ્યવસ્થા બોર્ડ

હેન્ડપંપ ઇન્સ્ટોલેશન રીપોર્ટ : આથી પ્રમાણપત્ર આપવામાં આવે છે કે નીચે મુજબના સફળ બોર પર હેન્ડપંપ બેસાડવામાં આવેલ છે. તેમજ થાળુ યુનીસેફ ડીઝાઇન મુજબ બનાવવામાં આવેલ છે. અને હાલમાં આ હેન્ડપંપ સંતોષકારક ચાલે છે.

- 1) ગામનું નામ :-
- 2) તાલુકાનું નામ :-
- 3) ફળિયાનું નામ લોકેશન સહિત :-
- 4) હેન્ડપંપ કોડીફિકેશન નં. :-

અ.નં.	વપરાયેલ માલસામાનની વિગત	જથ્થો	નોંધ
૧	૩ રમીમી વ્યાસની જી.આઇ.પાઇપ		
૨	૩ રમીમી વ્યાસની જી.આઇ.પાઇપ કપ્લીંગ		
૩	૧૨મીમી વ્યાસના સળીયા		
૪	સીલીન્ડર સેટ		
૫	હેન્ડપંપ સેટ સાદા / ટેલીસ્કોપીક		
૬	થાળાની નાળીની લંબાઇ (મીટર/ફુટમાં)		
૭	શોકપીટ		
૮	હેન્ડપંપ થાળાને કલર કરેલ છે.	હા કે ના	
૯	Latitude , Longitude		

તારીખ

સિક્કો - સહિ

(સરપંચશ્રી/તલાટીશ્રી/ મુ.સિક્ષકશ્રી/ આરોગ્ય વર્કર/

સહકારી મંડળી પ્રતિનિધિ/ સ્થાનિક લોકો વિગેરે)

મોબાઇલ નંબર

1. -----

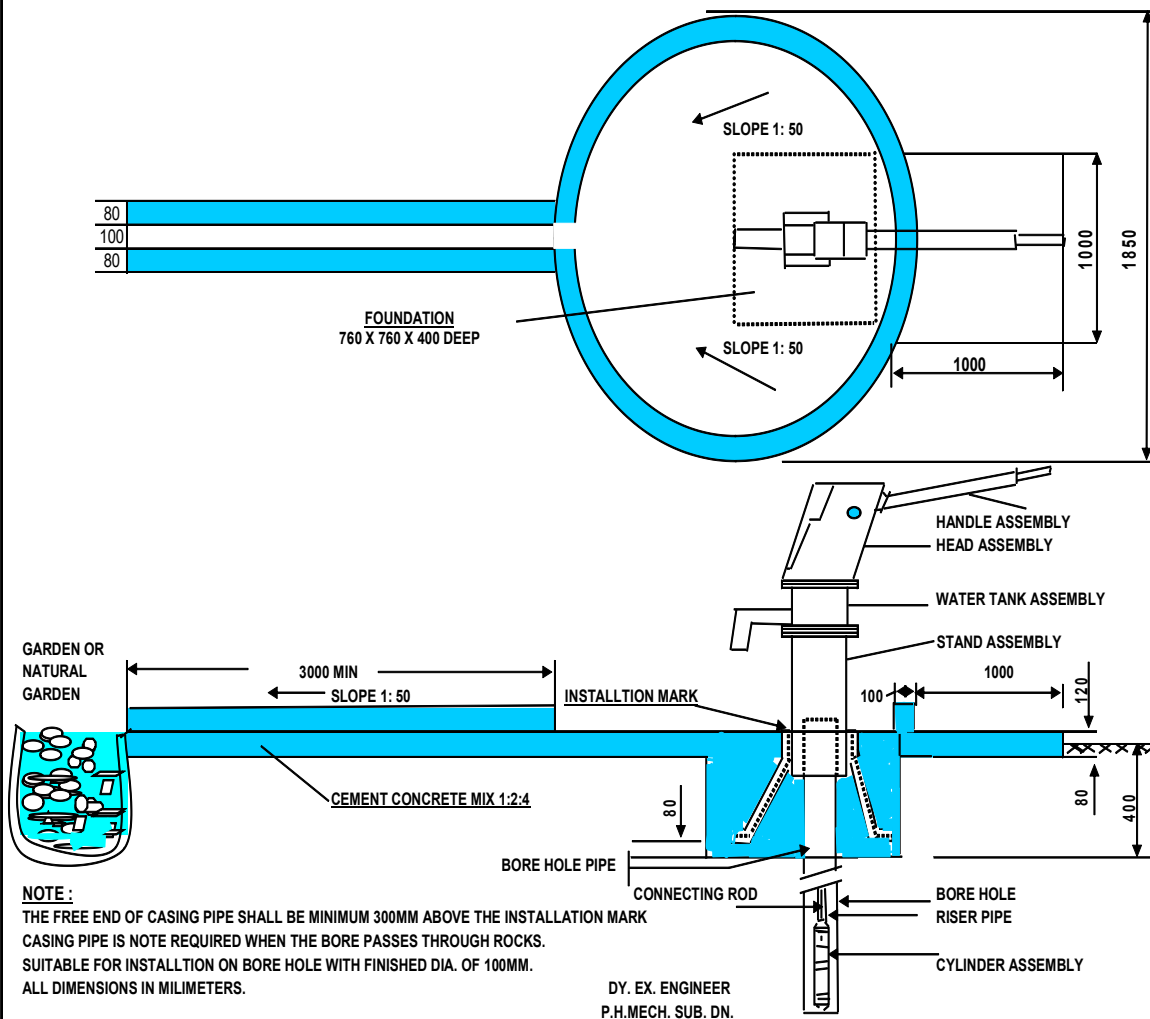
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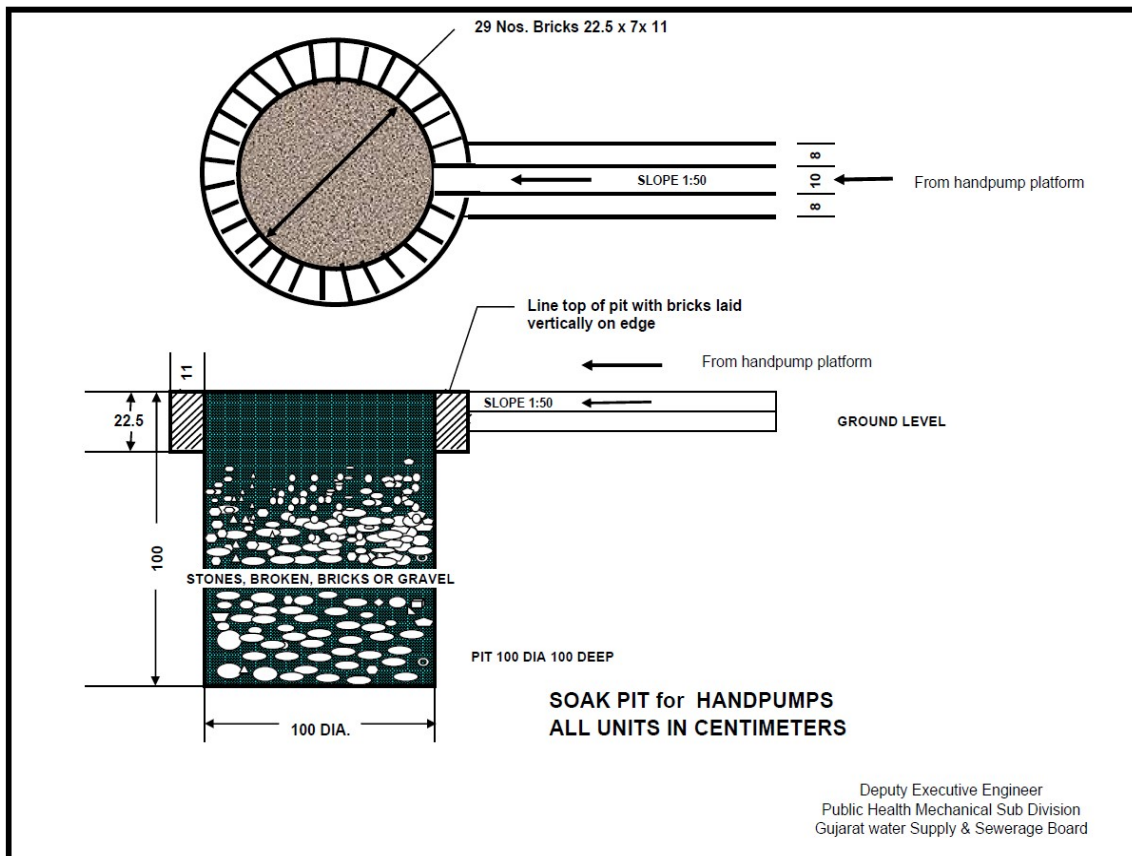
3. -----

ફોટોગ્રાફ પોષ્ટ કાર્ડ સાઇઝ

ઠેકેદારની સહી

PLATFORM FOR INDIA MARK-II DEEPWELL HANDPUMP





Gujarat Water Supply & Sewerage Board

SCHEDULE – A

Public Health Mechanical Division, **Dahod**

Name of Work: Drilling of 165 mm dia. x 90 Mts. Deep bore by DTH Rig with providing and installation of I.M.II Hand pump and construction of C.C. platform as per UNICEF design & drawing with soak pit and 32 mm NB ISI marked medium duty GI Pipe at diff. villages of **Taluka: Limkheda, Singvad & Sanjeli** under **Different Programme.**

Sr. No.	Particulars	Qty	Rate	Unit	Place of delivery
1.	175 mm dia. UPVC Pipes	As per Requirements	Free of Cost	Mts	Limkheda Store
2.	I.M.- II Hand Pump set (without GI Rod)	As per Requirements	Free of Cost	Set	Limkheda Store

NOTE:

- (1) The persons or firm submitting the tender should see that rates in above schedule are filled by the Executive Engineer, on the issue of form prior to the submission of the tender.
- (2) The materials which are not included in Schedule 'A' but required for the work shall be brought by the contractor at his own cost.
- (3) Carting of above materials should be done by the contractor at his own cost.
- (4) The contractor should return the balance materials to said otherwise recovery at the double rate of issue rate will be effected in view Agreement.

Signature of Contractor

Executive Engineer



Gujarat Water Supply & Sewerage Board

PRICE BID (SCHEDULE – B)

Public Health Mechanical Division, Dahod

Name of Work: Drilling of 165 mm dia. x 90 Mts. Deep bore by DTH Rig with providing and installation of I.M.II Hand pump and construction of C.C. platform as per UNICEF design & drawing with soak pit and 32 mm NB ISI marked medium duty GI Pipe at diff. villages of **Taluka: Limkheda, Singvad & Sanjeli** of Dist. **Dahod** under **Different Programme.**

Sr.No.	Item	Qty	Unit	Rate	Amount
1	Drilling of 215 mm dia. Bore in over burden strata (0-30) including lowering and fixing of 175 mm nominal dia UPVC pipe/175 mm dia ERW pipe upto required depth and further drilling of 165mm dia bore hole in rocky strata by DTH rig.	4500.00	RMT	351.00	15,79,500.00
2	Installation of I.M.- II H.P. as per Unicef Specifications complete with carting, lowering, construction of C.C. platform 1:2:4, etc. incld. Providing 48/53 grade cemet, sand & Kapchi etc. & construction of soakpit as modified Unicef design including excavation of 100cm x 70cm x 70cm deep with filling of stones, broken bricks of gravel and to make masnory work with 29 Nos. bricks on periphery of soak pit etc. comp.	50	Job	3748.59	1,87,429.50
3	Supply of 12 mm dia Conn. Rod Electro Galvanized	1300	No.	174.00	2,26,200.00
4	Manufacture Supply & Delivery of ISI Marked 32 mm dia medium quality galvanized mild steel tubes (Continuously welded electric resistance welded (ERW)/high frequency induction welded (HFIW) /Hot finished welded (HFW) type screwed at both ends to IS:554/ 1985 for pipe suitable for water and gas application, socket on one end and other end protected with plastic thread protector in approximate length of 3 mtrs conforming to IS:1239 (Part-I) 2004 With latest amendment and socket to conforming to IS:1239 (Part-II) 1992 With latest amendment	1800	Mtr.	251.00	4,51,800.00



Sr.No.	Item	Qty	Unit	Rate	Amount
5	Bore plug of 100 mm height made from MS plate with 3 holes at equal distance on circumference for nut-bolts type, locking arrangement with nutsbolts & lock nuts of standard make Suitable for 175 mm dia. Pipe	50	No.	654.96	32,748.00
6	Photocopy of bore with bore plug showing latitude longitude and photocopy of hand pump installation showing latitude longitude in post card size. (Total 2 photographs of 1 for bore with bore plug & 2nd after HP Installation)	200	No.	8.20	1,640.00
Total Amount Rs.					24,79,317.50
Say RS.					24,79,318.00

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)

OFFER FOR BELOW :

- 1 Estimated cost Rs. **24,79,318.00**
- 2 Less _____% below Rs.
- 3 Net Amount Rs.
- 4 In words Rs.

OFFER FOR ABOVE :

- 1 Estimated cost Rs. **24,79,318.00**
- 2 Plus _____% above Rs.
- 3 Net Amount Rs.
- 4 In words Rs.

Signature of Contractor

Executive Engineer



AFFIDAVIT

THE DECLARATION REGARDING LITIGATION AND OTHER HISTORY **on Rs. 300/- Non8 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, **Dahod** 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 during last Five years.

Solemnly affirmed on this day of **2026** at

Dated Signature of Contractor

