

## DIAMOND CITY WEST APARTMENT OWNERS' ASSOCIATION

(A Registered Society under West Bengal Apartment Owners Association Act 1972.)

18, Ho Chi Minh Sarani, Bakultala, Behala, Kolkata - 700061

Phone No: (M) +919934333100 | URL: [www.dcwaoa.org](http://www.dcwaoa.org)

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## TENDER DOCUMENT

### EXECUTION OF BOREWELLS

( NEW BOREWELL - 1 & REVIVAL OF EXISTING DEFUNCT BOREWELL - 1) at

#### **Diamond City West**

18, Ho Chi Minh Sarani, Sarsuna, Behala, Kolkata – 700061

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**Tender Reference Number: NIT/DCWAOA/2025-26/RNM-WTP/002 Date: 25/09/2025.**

**Due on: 01/11/2025.**

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### Notice Inviting Tender

On behalf of President – DCWAOA, Open Tenders are invited on behalf of the President, DCWAOA under a Two-Bid System (Technical Bid and Financial Bid) from bona fide contractors/suppliers experienced in borewell sinking, pump installation, and associated works. The tender covers the execution of: - Borewell-1: New deep tube well.- Borewell-2: Revival of an existing defunct borewell (or execution as new borewell near old location).

Details are available on Tower Notice Boards, NoBroker Hood App, and at [www.dcwaoa.org/tenders.html](http://www.dcwaoa.org/tenders.html).

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### A. Important Information

- Location of Work:** Diamond City West, 18 Ho Chi Minh Sarani, Sarsuna, Behala, Kolkata 700061.
- Name of Work:** Execution of Borewell-1 (New) and Borewell-2 (Revival of Defunct Borewell near it's old location).
- Completion of Work:** Within 45 days from the date of issue of Work Order.
- Eligibility:** Licensed borewell contractors with minimum 5 years' experience and at least 2 borewell jobs > ₹10 lakh each in last 5 years.

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5. **EMD:** 2% of bid value or ₹50,000 (whichever higher) – Online/Bank Draft in favour of DCWAOA. The EMD amount shall be refunded to unsuccessful bidder(s) within 30 days of the finalization of the tender.
  6. **Performance Security Deposit:** 10% of Work Order value.
  7. **Last Date for Technical & Financial Bid Submission:** 01.11.2025 - 17:00 Hours.  
**Bid Submission:** All proposals must be sent only as email attachments exclusively to the official VNC mailbox : [vncdcwaoa2528@gmail.com](mailto:vncdcwaoa2528@gmail.com).  
**No hard copies shall be accepted.**
  8. **Opening of Technical Bid:** 02.11.2025, 11:00 hrs.
  9. **Opening of Financial Bid:** Will be notified (only for the technically qualified bidders).
  10. **Officer Inviting Bid:** President, DCWAOA.
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## B. Technical Bid Requirements

- Name & constitution of firm.
  - Registered Office & contact details.
  - Trade License, GST, PAN, IT Returns.
  - Borewell contractor license.
  - Credentials of similar works (Work Orders/Completion Certificates).
  - List of machinery & manpower.
  - Manufacturer authorisation (for pumps/pipes).
  - EMD payment details.
  - Undertaking of acceptance of terms & conditions.
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## D. Technical Specifications / Scope of Work

### D-1. Borewell-1: New Deep Tube Well

- Boring: 10” dia down to ~100 ft; then 8” dia up to ~750–800 ft (rig/rotary machine).
- Casing: Oriplast SCH 40/80 PVC housing pipes with ribbed screen (8” dia, 0.5 mm slots).
- Gravel packing with pea-sized gravels.
- Submersible pump (15–20 HP, 8” dia, discharge 1500–1800 LPM).
- Astral PVC column pipes, adapters, SS safety chain, waterproof jointing kit.
- Submersible cable, control panel (Star-Delta/DOL), bus bar, mainswitch.
- Compressor washing for 3 days with V-notch tank.
- Electrologging test & water quality test.
- Testing & commissioning in presence of Employer.

### D-2. Borewell-2: Revival of Defunct Borewell (Executed as New)

- Boring at designated location near existing defunct borewell.
- Casing: Oriplast SCH 40/80 PVC housing pipes with ribbed screen (8” dia, 0.5 mm slots).
- Gravel packing and flushing.
- Submersible pump (12–15 HP, capacity ~1200–1500 LPM).
- Astral PVC column pipes, adapters, SS chain, waterproof jointing kit.
- Submersible cable, control panel, bus bar, mainswitch.
- Development & washing.
- Water quality test and commissioning.

### D-3. Standards & Materials

- All works to comply with ISI standards.
- Approved makes : Oriplast ( housings), Astral (column pipes), Kirloskar/Texmo/Crompton/KSB (pumps), LK or equivalent (electricals).
- Contractors must provide manufacturer certificates.

### D-4. Safety & Quality

- Contractor must ensure **use of PPE** (helmets, gloves, safety shoes, ear protection, etc.) for all workers at site.
- Proper barricading and signage must be placed around the borewell site to prevent accidents.
- Contractor must arrange **insurance coverage** for all workers and equipment.

- Borewell drilling must follow **safe operating practices** for rig machinery, compressors, and electrical systems.
- Contractor shall maintain site cleanliness after execution.

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## E. Terms & Conditions

- **Rates:** Quote inclusive of MRP, discount, GST, HSN. No later tax claims.
- **Payment:** No advance. RA bills permissible. Final bill after commissioning & acceptance. Online/cheque only.
- **Warranty:** 12 months workmanship; manufacturer warranty on pump/motor.
- **Dispute Resolution:** Arbitration under Arbitration & Conciliation Act, 1996. Venue: Kolkata.
- **Penalties:** 0.5% per week delay, max 5%.
- **Termination:** Employer may terminate for non-performance/poor quality.
- **Insurance:** Contractor liable for insurance of men/machinery.

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- **Annexure I:** Technical Bid Checklist.
  - **Annexure II:** Bill of Quantities (Vendor to fill).
  - **Annexure III:** Bank Details for EMD.
  - **Annexure IV:** Vendor Declaration/Undertaking.

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### Accepted Terms & Conditions

Vendor Signature, Date & Stamp

Sl. No.	Description of Item	Specification	Unit	Remarks
1	Sinking of deep tubewell	10" x 8" dia, 750-800 ft	Per metre	By rig or rotary machine
2	PVC Pipe (housing)	10" dia Oriplast SCH 40, 75 m	M	For borewell lining

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3	PVC Filter Screen	8" dia Oriplast ribbed, slot 0.5 mm, 30 m	M	For borewell lining
4	PVC Pipe (blind)	8" dia Oriplast SCH 80, 120 m	M	For borewell lining
5	Reducer with nipple	10" x 8"	Each	
6	Solvent & Lubricant	2 L + 0.5 L	LS	
7	Gravel Packing	Pea size, 250 bags	Bag	
8	Compressor Washing	6 hrs/day, 3 days with V-notch tank	LS	
9	Electrologging Test	Full bore depth	Job	
10	Water Testing	Domestic suitability	Job	
11	Submersible Pump Set	15 or 20 HP, 8" dia, 3-phase	Job	Kirloskar/Texmo/Crompton/KSB
12	Submersible Cable	4 sqmm x 3 core flat, 100 m	M	
13	Control Panel & Electricals	Panel, bus bar, mainswitch	Set	LK or equivalent make - ISI approved
14	Column Pipes	4" dia Std Astral PVC, 18 pcs (10 ft each)	Set	For pump delivery
15	Adapters	Top & bottom set (Astral)	Set	

16	Safety Chain / Rope	Steel SS 5 mm, 70 m (as required)	M	
17	Waterproof Jointing Kit	For cable joints	Set	
18	Freight / Mobilisation	Transport of rig, materials	Trip	
19	Miscellaneous	Any other approved job/material	Lot	As per actual

D-7. Bill of Quantities (Indicative)

Sl. No.	Description of Item	Specification	Unit	Remarks
1	Sinking of deep tubewell	10" x 8" dia, 750–800 ft	Per metre	By rig or rotary machine
2	PVC Pipe (housing)	10" dia Oriplast SCH 40, 75 m	M	For borewell lining
3	PVC Filter Screen	8" dia Oriplast ribbed, slot 0.5 mm, 30 m	M	For borewell lining
4	PVC Pipe (blind)	8" dia Oriplast SCH 80, 120 m	M	For borewell lining
5	Reducer with nipple	10" x 8"	Each	
6	Solvent & Lubricant	2 L + 0.5 L	LS	
7	Gravel Packing	Pea size, 250 bags	Bag	
8	Compressor Washing	6 hrs/day, 3 days with V-notch tank	LS	
9	Electrologging Test	Full bore depth	Job	
10	Water Testing	Domestic	Job	

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11	Submersible Pump Set	15 or 20 HP, 8” dia, 3-phase	Job	Kirloskar/Texmo/Crompton/KSB
12	Submersible Cable	4 sqmm x 3 core flat, 100 m	M	
13	Control Panel & Electricals	Panel, bus bar, mainswitch	Set	LK or equivalent make - ISI approved
14	Column Pipes	4” dia Std Astral PVC, 18 pcs (10 ft each)	Set	For pump delivery
15	Adapters	Top & bottom set (Astral)	Set	
16	Safety Chain / Rope	Steel SS 5 mm, 70 m (as required)	M	
17	Waterproof Jointing Kit	For cable joints	Set	
18	Freight / Mobilisation	Transport of rig, materials	Trip	
19	Miscellaneous	Any other approved job/material	Lot	As per actual

## Annexures

### Annexure I – Technical Bid Checklist

- 1 Name & Constitution of Firm
- 2 Registered Office & Contact Details

3. Valid Trade Licence
4. GST Registration Certificate
5. PAN Card
6. Latest IT Returns
7. Borewell Contractor Licence
8. Credentials of similar works (Work Orders/Completion Certificates)
9. List of Machinery & Manpower
10. Manufacturer Authorisation (for pumps/pipes)
11. Proof of EMD Payment
12. Undertaking of Acceptance of Terms & Conditions

## Annexure II – Bill of Quantities (Vendor to Fill)

Sl. No.	Description	Specification	Unit	Quantity	Rate (₹)	Amount (₹)
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### Annexure III – Bank Details for EMD

Beneficiary Name: Diamond City West Apartment Owners' Association

Bank Name: [To be inserted]

Branch: [To be inserted]

Account No.: [To be inserted]

IFSC Code: [To be inserted]

(Bidder to ensure EMD payment to this account before or along with bid submission)

## Annexure IV – Vendor Declaration/Undertaking

Declaration by the Bidder:

I/We hereby declare that:

1. I/We have read and understood the tender terms & conditions.
2. I/We accept all terms & conditions of this tender without deviation.
3. I/We confirm that the information/documents submitted are true and correct to the best of my/our knowledge.
4. I/We understand that if any information is found false, my/our bid is liable to rejection and/or contract termination.

Signature of Bidder with Seal

Name: .....

Date: .....

Place: .....

**Sd/-**

**President**

**Diamond City West Apartment Owners Association**