



**HIRING OF CONTRACTOR FOR EXECUTION OF
LEVELLING AND ASSOCIATED CIVIL WORKS AT
KONDAPALLY STORE YARD, VIJAYAWADA GA.
Bid Document No. BGL/678/2025-26**

**VOLUME
II OF II**



**BHAGYANAGAR GAS LIMITED
(A JOINT VENTURE OF HPCL & GAIL)**

BID DOCUMENT FOR

**HIRING OF CONTRACTOR FOR EXECUTION OF
LEVELLING AND ASSOCIATED CIVIL WORKS AT
KONDAPALLY STORE YARD, VIJAYAWADA**

UNDER OPEN DOMESTIC COMPETITIVE BIDDING

Bid Document No. BGL/678/2025-26

Volume II of II

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SECTION_8 :
SCOPE OF WORK

Scope of Work for Bhagyanagar Gas Limited Store Levelling and Civil Associated Works

Project Background:

Bhagyanagar Gas Limited has a store at Kondapally, Vijayawada, which is at a lower level compared to the existing service road. This causes water accumulation during the rainy season, leading to material damage. To address this issue, the existing surface of the store will be levelled to match the natural ground level in line with the service road.

1. Scope of Work :

- Earthwork and Levelling (Phase 1)
- Cutting and removing unwanted vegetation, including shrubs, small trees, and undergrowth, within the designated area.
- Manual or mechanical clearing of debris and obstacles to prepare the site for executing the works.
- Proper collection and disposal of cleared vegetation and debris to maintain a clean worksite.
- Contractor to arrange and take the natural ground levels jointly with the BGL representative.
- Excavation and removal of unsuitable soil, if required, to ensure a stable foundation for filling.
- Supply and transportation of local earth (including royalty) from an approved source.
- Filling and spreading the earth in layers not exceeding 20 cm thickness and watering using tankers for compacting to achieve minimum 90% of Maximum dry density as per as per IS 2720 (Part 7/8) specifications
- The soil sample shall be collected and sent to an approved laboratory for testing to determine the Maximum Dry Density (MDD) and Optimum Moisture Content (OMC).
- Compaction shall be carried out in accordance with the test results to ensure the required density is achieved at site.
- Final levelling of the area to match the required levels and slopes.
- Material Shifting
- Once a portion of the area is levelled, shift existing materials, such as pipes and other stored items, to the newly levelled area to create area for filling in remaining area.
- Proper stacking and arrangement of materials to ensure safety and accessibility.
- Ensuring that material handling is done carefully to avoid any damage.

- Earthwork and Levelling (Phase 2 - Low-Lying Areas)
- After shifting the materials, carrying out levelling and filling in the remaining low-lying areas.
- Compacting and dressing the surface to achieve uniformity and stability.
- Ensuring the final levelled surface aligns with the level as per drawing.
- Drainage Work
- Excavation of trench for pipeline laying as per approved alignment and depth to connect with the drain.
- Supply and transportation of Reinforced Cement Concrete (RCC) NP2 class pipes of 300mm internal diameter.
- Preparation of bedding using appropriate granular material to provide a stable base and concrete with M15 about 200mm on side and bed.
- Proper alignment and jointing of RCC pipes using cement mortar.
- Backfilling the excavated area with suitable soil and compacting it to restore the surface.
- Conformance to IS 458 or relevant standards to ensure longevity and performance.
- Existing Gate Dismantling
- Carefully dismantling the existing gate, ensuring minimal damage to surrounding structures.
- Removing supports, frames, and hinges safely.
- Transporting dismantled materials to a designated storage or disposal area.
- Constructing Brick Masonry in Place of Existing Gate
- Constructing a brick masonry wall in the area where the gate is removed.
- Using class designation 7.5 bricks and mortar to ensure structural integrity.
- Proper curing and finishing to match the existing boundary wall.
- Repair Work of Boundary wall
- Identifying and repairing minor cracks, dents, and surface imperfections in existing plastered surfaces.
- **Surface preparation by removing loose plaster and dust to ensure adhesion.**

- Application of appropriate patching material or fresh plaster (Cement Mortar 1:6) to restore the surface.
- Ensuring a smooth and even finish that blends with the surrounding area.
- Boundary Wall Finishing and Painting
- Surface preparation by cleaning, removing loose particles, and ensuring a smooth base.
- **Application of water proofing cement paint on compound wall:**
- Painting of compound wall with water proofing cement paint of Asian/Burger/Kansai Nerolac/Birla Opus make required shade including watering for 3 days
- Two or more coats applied @ 3.84 kg/10 sqm
- The paint shall be applied as per manufacturer's specifications and in accordance with good engineering practices.
- **Y-Angle Post Painting:**
 - Surface preparation by cleaning, scraping, and removing rust.
 - Application of a coat of red oxide zinc primer to prevent rusting.
 - Application of two or more coats of synthetic enamel paint of approved quality and shade to ensure a smooth and durable finish.
- **Old Gate Painting:**
 - Surface preparation by scrapping, wire brushing, and sandpapering to remove loose paint, dust, and rust.
 - Touch up the bare surface with red oxide zinc primer.
 - Application of one or two coats of synthetic enamel paint over a coat of primer (if required) for a fresh, uniform finish.
 - Work to be executed as per specifications and under the supervision of the Engineer-in-Charge.
- Installation of Barbed Wire Fencing
- Fixing binding wire horizontally and diagonally to the Y-posts installed on the existing boundary wall using GI binding wire to secure the structure.

- Stretching and securing barbed wire in three horizontal rows on each side, including diagonal cross-support for added stability.
- Ensuring proper tensioner bars and fastening of barbed wire to prevent sagging.
- Conforming to IS 278:2009 for 12-gauge (2.5 mm diameter) barbed wire with Galvanizing coating of GSM 290 for strength and durability.

2. Measurement & Payment

- Earthwork including Vegetation clearing: Measured in cubic meters (cum) based on the actual quantity of excavation and filling.
- Wall finishing: Measured in LS based on the area covered. (Included in overall cost of the Project)
- Painting: Measured in square meters (sqm) based on the area covered.
- Fencing: Measured in running meters (RM) based on the total installed length.
- Drainage pipes: Measured in meters (m) based on the length of installed pipes.
- Gate Dismantling and shifting: Measured in LS
- Constructing Brick Masonry in Place of Existing Gate- Measured in cubic meters (cum)
- Payment will be made as per the agreed contract rates upon verification and approval by the Engineer-in-Charge.

3. Quality Assurance & Inspection

- All work will be carried out in compliance with relevant IS codes, CPWD specifications, and industry best practices.
- Regular inspections will be conducted to monitor progress and ensure quality control.
- Proper supervision at every stage to meet safety, performance, and durability standards.
- Final levels of the area have to be taken by the contractor jointly with the BGL representative.
- Final inspection and approval by the Engineer-in-Charge before project completion.
- Contractor has to arrange all the required materials, Manpower, Tools & tackles, machinery etc. required for performing the works.

Scope of Work: Repair of Existing Portable Cabin Containers (4 Nos)

The work involves repair and restoration of four (4) existing portable cabin containers on an “as-is-where-is” basis to make them fully functional, safe, and aesthetically presentable. The scope includes but is not limited to the following activities:

Portable cabins 40'x10'-03 No's & 30'x10'-01 No

1. Inspection and Preparation

- Carry out a detailed inspection of all cabins to identify damaged, corroded or deteriorated structural and non-structural components on roof, side walls and base flooring.
- Remove and clean loose materials, boards, flooring base, rusted elements and damaged panels prior to repair
- Ensure adequate safety and support arrangements during dismantling and repair

2. Structural and Panel Repairs

- **Replacement of damaged/corroded wall, base, and roof panels** with new MS sheets or equivalent pre-coated sheets of approved gauge.
- Cutting, aligning, welding, and securing the new MS sheets using **GI quick tapping fasteners** with **neoprene seals** to ensure weather-tight joints.
- Providing additional **MS supports, stiffeners, and framing** where necessary to restore structural integrity.

3. Flooring Works

- **Cutting and removing damaged flooring base and sheeting.**
- Supply and fix new **cement board** base and **vinyl flooring** finish of approved make and shade, including necessary adhesives and finishing accessories.

4. Painting and Finishing

- **Surface preparation** by cleaning, wire brushing, and applying rust treatment on corroded surfaces.
- Painting of **internal and external surfaces** using two coats of synthetic enamel paint over a coat of approved primer or equivalent system.
- All paint shades to be as approved by the Engineer-in-Charge.

5. Sealing and Weatherproofing

- **Sealing of joints, overlaps, and edges** with **silicone sealant or equivalent approved material** to prevent ingress of water and air.
- Ensure watertightness of all joints and openings.

6. Final Finishing and Testing

- Provide necessary **tools, tackles, scaffolding, consumables, and manpower** required for the job.
- Ensure the cabins are **fully serviceable, safe, clean, and ready for use** after completion.
- Obtain final inspection and approval from the Engineer-in-Charge.

Deliverables

- Fully refurbished and functional portable cabins (4 Nos).
- All repairs carried out in accordance with approved specifications and instructions of Engineer-in-Charge.
- Site cleaned and handed over in usable condition.

Note:-*Prospective bidders are advised to visit the site before bidding and familiarize with the existing conditions understand the entire scope of work and the quantum of efforts and the works intended. However, if a bidder fails to visit the site, it will be construed and deemed that they have visited the site and will not entertain any extra works.*

SECTION-9

SPECIAL CONTRACT CONDITIONS

SPECIAL CONDITIONS OF THE CONTRACT (SCC)

The following Special Conditions of Contract shall supplement the General Conditions of Contract. Whenever there is a conflict, the provisions herein shall prevail over those in the General Conditions of the Contract.

1.0 PRICE REDUCTION SCHEDULE (PRS)-AS PER GCC

2.0 PAYMENT TERMS

1. 90 % payment release upon completion and acceptance of work in all aspects by EIC and submission of all documentation
2. 10 % payment release upon closure of contract and submission of final Bill.

3.0 CONTRACT PERFORMANCE BANK GUARANTEE

SD/CPBG @ 10% OF TOTAL ORDER/Contract Value within 30 days of FOA/notification of award.

OR

Initial Security Deposit (ISD) @ 5% of Total contract value within 30 days of FOA/ notification of award and deduction @ 10% of the RA bill subsequently from RA bills till the total amount of security deposit (including ISD and deducted amount) reaches 10% of Total contract value.

The CPBG should be kept valid for 90 days beyond the defect liability period. The claim period shall be 30 days more than the validity of the CPBG.

4.0 DEFECTIVE LIABILITY PERIOD:

01 year from the date of completion of work.

5.0 CONTRACT VALIDITY AND MOBILISATION PERIOD:

1. Mobilization period- Within 15 days from the date of FOA
2. The Contract shall be valid for a period of 04 (FOUR) months from the date of issuance of LOI/FOA. However, all miscellaneous works (Except Earth work) shall be completed within the 45 days from the date of FOA.


**SECTION : 10
SCHEDULE OF RATES**



**HIRING OF CONTRACTOR FOR EXECUTION OF
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SCHEDULE OF RATES						
Subject: HIRING OF CONTRACTOR FOR EXECUTION OF LEVELLING AND ASSOCIATED CIVIL WORKS AT KONDAPALLY STORE YARD, VIJAYAWADA GA.						
TENDER NO: BGL/678/2025-26						
Sl. No	Description of item	UoM	Qty	HSN/ SAC Code	Unit Rate in Rs. (Excl. of GST)	Amount in Rs. (Excl. of GST)
1	Supplying, filling and spreading/grading of suitable local earth (including royalty) by mechanical transport also including spreading to the required level, compacting with road rollers and watering of the earth in layers not exceeding 20 cm and achieving a minimum 90% of maximum dry density as per IS 2720 (Part 7/8) specifications and the soil sample shall be collected and sent to an approved laboratory for testing to determine the Maximum Dry Density (MDD) scope also includes Cutting, removing, and disposing of unwanted vegetation, including shrubs, small trees, and undergrowth, to clear the designated area. Includes manual or mechanical clearing, collection, and proper disposal of debris while ensuring minimal disturbance to the surrounding environment. also includes clearing the bushes and small trees etc., on back side of the boundary wall to access for repair of plaster, painting and other works etc. (Works also includes shifting of the inventory material to the levelled surface to enable filling and grading works and quoted rate is inclusive of shifting of inventory)	m3	5130.55			
2	Painting of compound wall with water proofing cement paint of Asian/Burger/Kansai Nerolac/Birla Opus make required shade including watering for 3 days	m2	2096.15			

 Bhagyanagar Gas Ltd. BHAGYANAGAR GAS LIMITED	HIRING OF CONTRACTOR FOR EXECUTION OF LEVELLING AND ASSOCIATED CIVIL WORKS AT KONDAPALLY STORE YARD, VIJAYAWADA GA. Bid Document No. BGL/678/2025-26	VOLUME II OF II
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	Two or more coats applied @ 3.84 kg/10 sqm (Refer to detail specification)				
3	Barbed wire Fencing on angle iron post placed at 3m distance installed on the boundary wall, provided with horizontal lines and two diagonals interwoven with horizontal wires, of barbed wire weighing 9.38 kg per 100 m (minimum), between the two posts fitted and fixed with G.I. staples, turn buckles etc. complete. (Posts, struts, earth work and concrete work not included scope). Payment to be made per metre cost of total length of barbed wire installed	m	3392		
4	Supplying, transporting, and laying Reinforced Cement Concrete (RCC) NP2 class pipe of 300mm internal diameter for drainage or sewer works. Includes excavation, bedding preparation, pipe jointing with cement mortar, proper alignment, testing for leakage, and backfilling as required. Conforms to IS 458 or relevant standards.	m	50		
5	Supplying and applying two or more coats of synthetic enamel paint of approved quality and shade over a primer coat on Y-angle posts embedded on the boundary wall. Includes surface preparation by cleaning, scraping, removing rust, applying one coat of anti-corrosive primer (Red oxide zinc), and ensuring a smooth, uniform, and durable finish.	No's	106		
6	Painting on an existing painted surface of an old gate, including surface preparation by scrapping, wire brushing, and sandpapering to remove loose paint, dust, and rust. Applying one/two coats of synthetic enamel paint over a coat of primer (if required) to achieve a smooth and uniform finish, complete as per the specifications and direction of the Engineer-in-Charge	LS	1		
7	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation, plinth and Boundary wall in Cement mortar 1:6 (1 cement : 6 coarse sand)	m3	3.12		
8	Plastering Work				
8.1	12 mm cement plaster on boundary wall of mix - 1:6 (1 cement: 6 coarse sand) (Incl curing)	m2	12		



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8.2	18 mm cement plaster on boundary wall in two coats under layer 12 mm thick cement plaster 1:5 (1 cement : 5 coarse sand) finished with a top layer 6 mm thick cement plaster 1:6 (1 cement : 6 fine sand). (Incl curing)	m2	12		
9	Dismantling steel gate	LS	1		
10	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including curing, disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in-Charge. With cement mortar 1:4 (1cement: 4 coarse sand)	m2	100		
	Scattered repairs on the wall				
11	Repair of existing portable cabin containers (40'x10'-03 No's & 30'x10'-01 No) on as is where is basis including replacement of damaged/corroded wall, base and roof panels, Cutting and replacing the MS Sheet, providing support and securing with quick tapping GI fasteners with neoprene seal, cutting and removing the damaged flooring base and sheeting and fixing with new cement board and laying vinyl flooring, painting of internal and external affected portions/surfaces, sealing of joints with silicon sealant, including necessary materials, labour, tools, scaffolding, and making the cabin fully serviceable and ready for use, complete as directed by the Engineer-in-Charge	Lump sum	4		
Sub total Rs. (Excl. of GST)					
GST in %.					
GST Amount(Rs.)					
Grand Total (Rs.)					

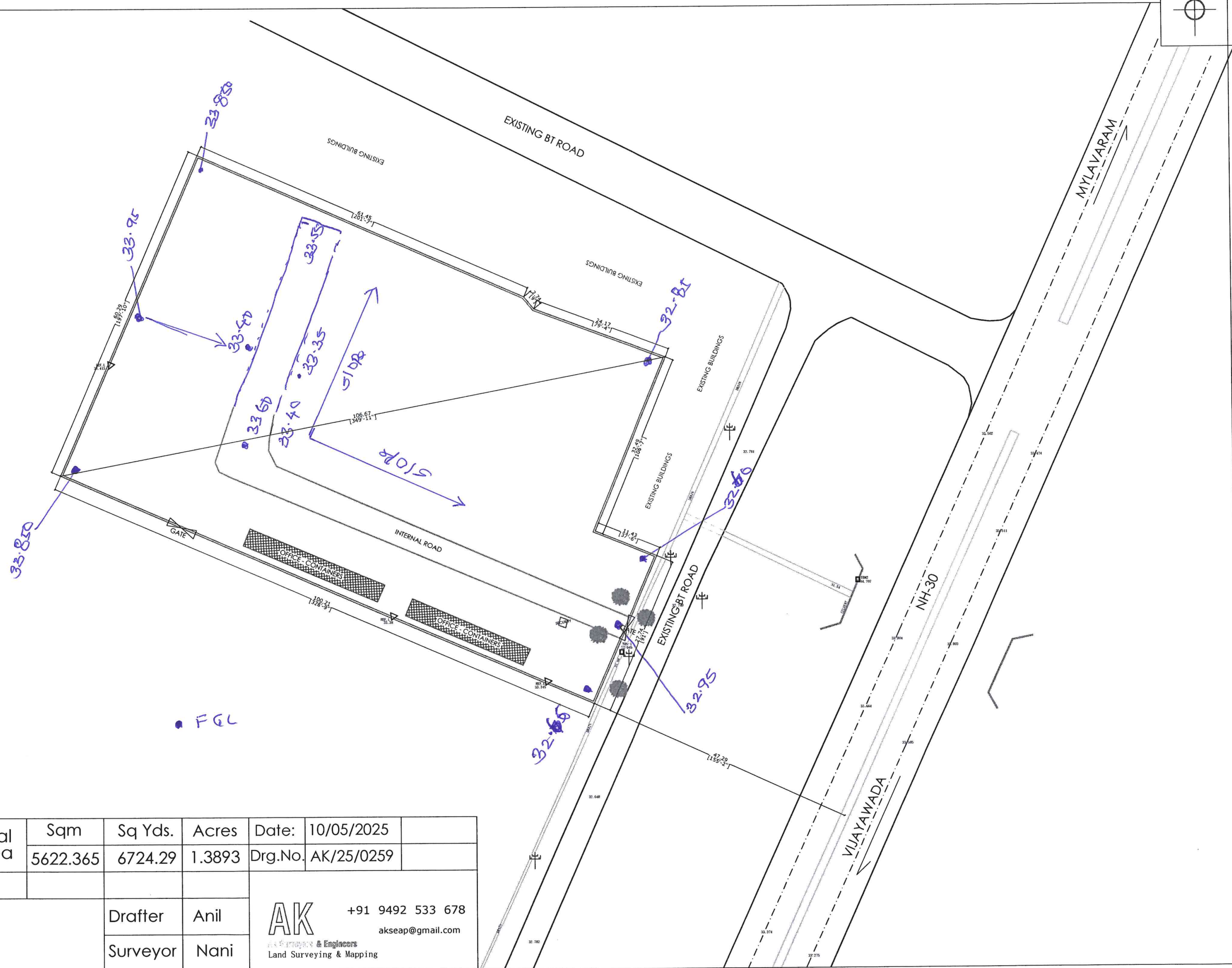











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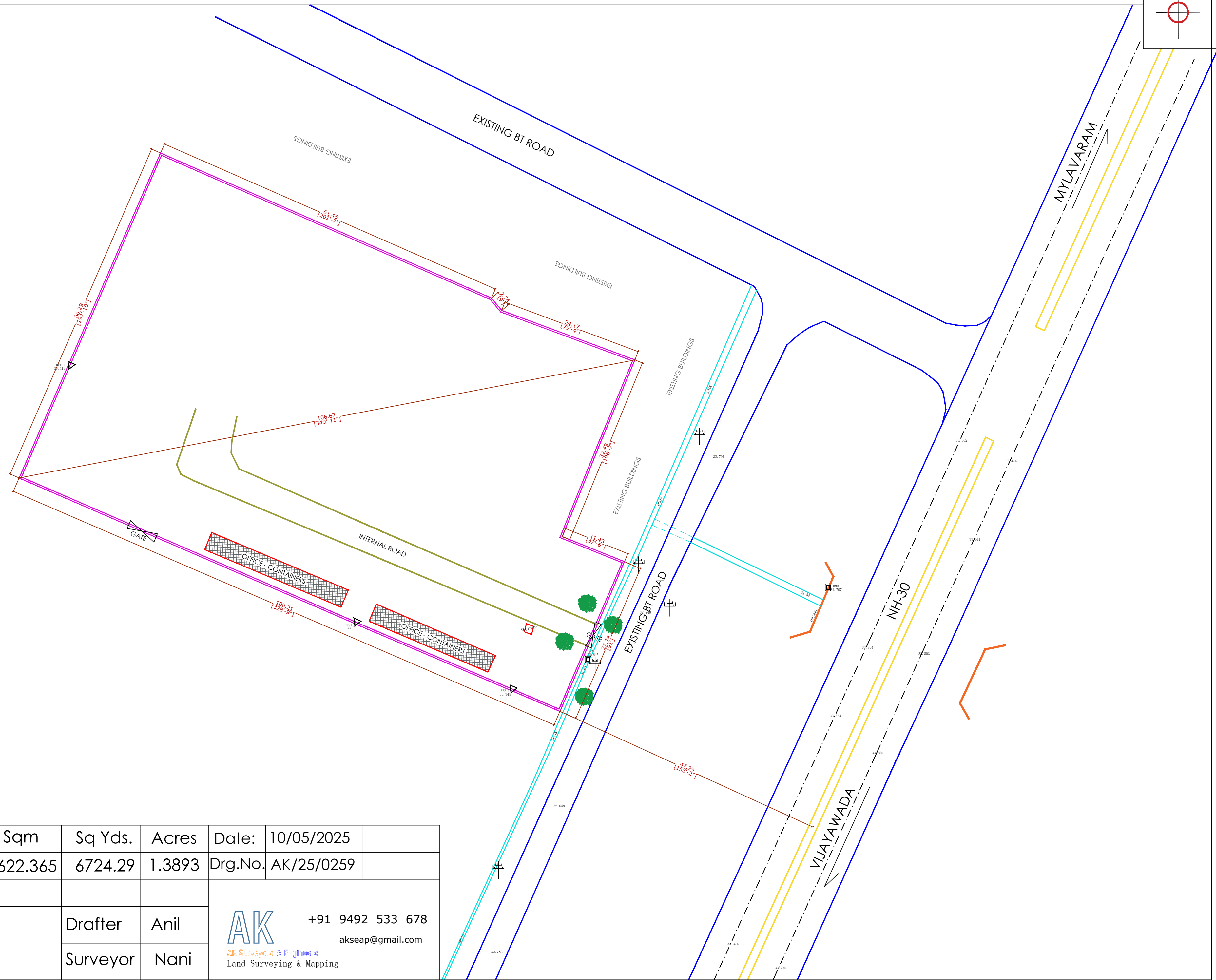
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**SECTION – 11
DRAWING**






Legend:		Total Area	Sqm	Sq Yds.	Acres	Date:	10/05/2025	
Boundary/Wall -			5622.365	6724.29	1.3893	Drg.No.	AK/25/0259	
Existing Road -								
Drain								
Existing Building						<div><div>AK</div><div>AK Surveys & Engineers</div><div>Land Surveying & Mapping</div></div> <div>+91 9492 533 678</div> <div>akseap@gmail.com</div>		
Electric Pole -								
Containers								
Pond -								
Tree -								
Ref.Level								
			Drafter	Anil				
			Surveyor	Nani				



Legend:		Total Area	Sqm	Sq Yds.	Acres	Date:	10/05/2025
Boundary/Wall -			5622.365	6724.29	1.3893	Drg.No.	AK/25/0259
Existing Road -							
Drain							
Existing Building							
Electric Pole -							
Containers				Drafter	Anil		
Pond -							
Tree -							
Ref.Level				Surveyor	Nani		


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