

The Department of Animal Husbandry and Dairying (DAHD), Government of India, through F.No.N-04003/41/2022-Cattle Div. dated 31.10.2023, approved a grant for strengthening the Central Cattle Breeding Farm (CCBF) under the Rashtriya Gokul Mission (RGM) at Alamadhi. NDDB Dairy Services (NDDB DS), a wholly owned subsidiary of the National Dairy Development Board (NDDB), invites quotations for Irrigation Work.

## **SECTION I - INVITATION FOR BIDS**

### **Alamadhi Semen Station**

**Upprapalayam Road, Edapalayam, Redhills - Thiruvallur High Rd, Chennai,  
Tamil Nadu 600052**

**Web:** [www.alamadhisemenstation.com](http://www.alamadhisemenstation.com), and <https://ncdfiemarket.com/>

### **INVITATION FOR BIDS (IFB)**

#### **Local Competitive Bidding (LCB) – E Tender**

**Tender Ref: NDS/ALM/CCBFAL/IRRIGATION/FEBRUARY/24-25/01**

<b>Sl No.</b>	<b>Description</b>	<b>EMD Details</b>	<b>Event Start/ Close Date</b>	<b>Last date &amp; time of Submission &amp; opening of Bids</b>	<b>Completion period / Delivery Schedule</b>
1	Irrigation Work with supply commissioning and installation.	<b>Rs. 50 Thousand</b>	<b>Start Date:</b> 20 Feb 2025 13:00 Hrs. (IST)  <b>Close Date:</b> 12 March 2025 15:00 Hrs. (IST)	12 March 2025 Submission up to <b>15:00</b> Hrs. (IST)  Opening of <b>Technical Bids</b> on  12 March 2025 at <b>15:30</b> Hrs. (IST)  <u>Online at NCDFI Portal</u>	Immediate after PO.

**Delivery address:** Central Cattle Breeding Farm: Alamadhi

## **Section II (Instruction to the Bidder)**

### **1. Eligibility and Qualification Requirements**

- a.** The Bidder, in the same name & style, should be in business at least for **2** years at the time of bid opening. In case of change of name of the bidder by merger/ acquisitions/ change in status, the bidder may be eligible based on the documentary evidence.
- b.** The bidder should have valid registration under various Acts that may be applicable for the contract proposed. This may include but not limited to Income Tax, Companies Act, Goods & Service Tax (GST), the Building and other construction workers' welfare Cess Act, Employee State Insurance, Contract Labour, Provident fund etc.
- c.** The bidder should have positive net worth at least in last two financial years.
- d.** The bidder should have positive cash flow in any one financial year out of the last 2 financial years.
- e.** The Bidder, in the same name & style, should have successfully executed/ completed contracts of similar nature (**to be specified in the bid document**) during the last two years ending last day of the month previous to the month in which bid is opened, either of the following:

(i) One contract/ supply of similar nature costing not less than **20%** of estimated cost.

**OR**

(ii) Two contracts/ supply of similar nature each costing not less than **10%** of estimated cost.

**OR**

(iii) Three contracts/ Supply of similar nature each costing not less than **5%** of estimated cost.

Even though the bidder meet the specified criteria, it may be disqualified if it has:

- i. Made untrue or false declaration and/or
- ii. Record of poor performance such as abandoning the supplies, not properly completing the contract, inordinate delays in completion or financial failure etc.

### **2. Eligible Bidders**

This invitation for Bids is open to all suppliers who have downloaded this bidding document in their name and meet the minimum eligibility criteria, if any, specified in this bidding document.

### 3. Bidding Document

The fee/cost for bidding document is NIL.

The Bidder shall bear all costs associated with the preparation and submission of its bid, and the NDS will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

Interested eligible bidders may obtain further information from

Head (Purchase)

**NDDDB Dairy Services, National Dairy Development Board complex, Room No D 32 Plot A, 84, Block A, Sector 17, Noida, Uttar Pradesh 201301 Mobile No- 8853491248**

Email: [amol.jadhav@nddbdairyservices.com](mailto:amol.jadhav@nddbdairyservices.com) ;  
[samar.rehman@nddbdairyservices.com](mailto:samar.rehman@nddbdairyservices.com)

### 4. Downloading the Document

- a) The bid document will be available in the website at [www.alamadhisemenstation.com](http://www.alamadhisemenstation.com), & <https://www.ncdfiemarket.com/index.php/auctions-2/> and can be downloaded and used as tender document for uploading the offer.
- b) The interested vendors are required to send an email at [etenders@ncdfiemarket.com](mailto:etenders@ncdfiemarket.com) by providing the following detail/information prior to 2 days before the bid end date:
  - Name of the organization:
  - Name of the contact person:
  - Contact No:
  - E-Mail:
  - Status of Registration with NCDFI (Yes/No):

Registration/bidding guidance will be provided by NCDFI team to interested bidders

- c) It is hereby brought to the notice of all bidders that if any change/ additions/ deletions/ alterations are found to be made by them in the tender and the same is subsequently noticed at any stage, even after award of the contract, the bidders are liable for all consequences thereof and NDS shall be free to take suitable action as deemed necessary.

## **5. Content of Bidding Document**

- a) The Bidding Document includes:
  - i. Invitation for Bids;
  - ii. Instruction to Bidders;
  - iii. Terms & conditions of the Contract;
  - iv. Scope of work/Technical Specification
  - v. Price Schedule format;
  - vi. Deviation statement;
- b) The Bidder is expected to examine all instructions, forms, terms and specifications in the Bidding Documents. Failure to furnish all information required by the Bidding Documents or submission of a bid not substantially responsive to the Bidding Documents in every respect will be at the Bidder's risk and may result in the rejection of its bid.

## **6. Clarification of Bidding Documents**

A prospective Bidder requiring any clarification of the Bidding Documents may notify NDS in writing or by email. NDDB Dairy Services (NDS) will respond in writing to any request for clarification of the Bidding Documents, which it receives **not later than 10 days prior to the deadline for the submission of bids prescribed by the NDS**. Written copies of the NDS' response (including an explanation of the query but without identifying the source of inquiry) will be sent to the respective Bidder and necessary corrigendum (if required) will be uploaded in the NDS' website and e-tender portal.

## **7. Amendment of Bidding Documents**

At any time prior to the deadline for the submission of bids, NDS may modify the bidding document by the issuance of amendment. The amendment will be uploaded on NDS/ NCDFI's website and will be binding on them. NDS may also at its own discretion, extend the deadline for submission of bids. Before submission of the bid, the bidder should check the NDS/ NCDFI's website for any Corrigendum/additional information on the bidding document, if any.

## **8. Preparation of Bid**

The Bid prepared by the Bidder and all correspondence and documents relating to the bid exchanged by the Bidder and the Purchaser, shall be written in the **English** language.

## **9. Format and Signing of Bid**

- a) The uploaded bid shall be digitally signed by the Bidder or a person or persons duly authorized to bind the Bidder to the Contract. The latter authorization shall be indicated by written power-of-attorney accompanying the Bid.
- b) Any correction made in the uploaded bid document should be signed by authorized signature.

## **10. Submission of Bid**

The bidders, who downloaded the bidding documents, are eligible for submission of bids in their names only. All the bidders should submit/upload their online bids in Part I – Technical Bid and Part II – Price Bid. The Technical bid (Part I) shall contain all the details **EXCEPT THE PRICE**.

The complete bidding document duly signed and sealed should be uploaded without any modifications/ alternations, as a token of their acceptance towards the scope of work, terms and conditions of the bid unconditionally.

Full details of materials including the manufacturer's name, etc. must be uploaded in the portal along with **Technical Bid (Part I)**, wherever requested.

Bids must be uploaded by the bidder at the NCDFI portal not later than the time specified for receipt of the bids in the Invitation for Bids.

The Bidder cannot modify or withdraw its bid after the last date & time of bid's submission. No bid may be withdrawn in the interval between the deadline for submission of bids and the expiration of the period of bid validity. Withdrawal of a bid during this interval may result in blacklisting of the bidder.

The bids are to be uploaded/ uploaded with specifications or as per specifications given in the tender and uploaded as such, shall be deemed to mean that the bidder submitting such a bid is fully acquainted with the technical details.

#### **11. Period of Validity of Bids:**

The Bids shall remain valid for **120 days** from the date of bid opening prescribed by the NDS. A bid valid for a shorter period shall be rejected by NDS as non-responsive.

#### **12. Earnest Money Deposit (EMD)/ Bid Security:**

The bid security shall be denominated in Indian Rupees only, and shall be in :

The EMD, shall be in the form of NEFT/RTGS at:

- Beneficiary Name: National Co-operative Dairy Federation of India Ltd.
- Bank Name: Union Bank
- Branch Address: Anand Branch (Amul Dairy Road), Anand: 388001
- Account Number: 520141000774940, IFSC Code: UBIN0905208

**The right for bid submission will be available post EMD deposition only**

### **13. Price**

The bidder shall indicate on the Price Bid at NCDFI's e-Portal the final FOR unit price in INR

### **14. Fixed Price**

Basic Price quoted by the Bidder shall be fixed during the bidder's performance of the Contract/ Supply and not subject to variation on any account. A bid uploaded with an adjustable price quotation for such goods and services will be treated as non-responsive and rejected.

### **15. Form of Bid**

- i. The Bidder shall complete the Bid Form furnished in the Bidding Document and upload in NCDFI portal.
- ii. All the required documents, duly digitally signed, should be uploaded on or before the specified date and time at NCDFI Portal.

### **16. Opening of Bids**

Technical bids shall be opened online on the date and time specified in IFB. Bidders can witness electronic opening of bids on NCDFI E-PORTAL.

Commercial bids will be opened electronically of only those bidders whose Technical Bid (Part-I) is found to be acceptable by NDS.

### **17. Evaluation of bids**

#### **a) Preliminary Evaluation**

NDS Alamadhi Semen Station will examine the technical bids to determine whether they are complete, whether required EMD and supporting documents have been furnished, and whether the bids are generally in order.

Bids from agents without proper authorization from the producer shall be treated as non-responsive.

Prior to the detailed evaluation, NDS, Alamadhi Semen Station will determine the substantial responsiveness to the bidding document. A substantially responsive bid is one, which conforms to all the terms and conditions of the Bidding Document without material deviations. A material deviation is one which affects in any substantial way the functionality, scope, quality or performance of the deliveries or which limits in any substantial way inconsistent with the bidding documents, NDS's rights or the bidder's obligations under the contract and the rectifications of which deviations would affect unfairly the competitive position of other bidders presenting substantially responsive bids. NDS Alamadhi Semen Station's determination of a bid's responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence.

No post-bid clarification at the initiative of the bidder shall be entertained. For evaluation and comparison of bids, the purchaser may, at its discretion, ask the bidder for clarification on the bid. The shortfall information/ documents shall be sought only in case of historical documents which pre-existed at the time of tender opening and which have not undergone change since then.

So far as the submission of the documents is concerned with regard to qualification criteria, after submission of the tender, only related shortfall documents shall be asked for and considered. For example, if the bidder has uploaded a supply order without its completion / performance certificate, the certificate can be asked for and considered. **However, no new supply order shall be asked for and considered so as to qualify the bidder.**

In case the required clarifications are not received by the Purchaser in time, the Technical bid may be treated as incomplete and non-responsive. A bid determined as not substantially responsive will be rejected by NDS, Alamadhi Semen Station and will not subsequently be made responsive by the Bidder by correction of the non-conformity.

NDS Alamadhi Semen Station may waive any minor informality or non-conformity or irregularity in a bid which does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of the Bidder.

#### **b) Evaluation and Comparison of Bids**



Evaluation and comparison of bid will be done on the basis of **event wise price** quoted by bidders on final destination/site basis (as mentioned in the schedule of requirement (Section- V)) exclusive of applicable Customs Duty. The lowest responsive bidder would be contracted for the full quantity.

#### **18. Award Criteria**

- i. NDS, Alamadhi Semen Station will award the contract/ Purchase Order to the successful bidder, whose bid has been determined to be substantially responsive and has been determined as the lowest evaluated bid.

#### **19. Signing of Contract**

On receipt of the Purchase Order, the successful bidder shall return the duplicate copy of the Purchase Order, duly signed and sealed along with **Performance Bank Guarantee as per** Clause-20.

#### **20. Performance Security**

Within 30 days of receipt of the Purchase order, the successful bidder shall furnish the performance security of 05% of the contract price in accordance with the Conditions of Contract, in the Performance Security Form (the format provided in Section VIII). The proceeds of the Performance Security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.

The Performance Security shall be denominated in the currency of the Contract or in a freely convertible currency acceptable to the Purchaser.

Performance Bank Guarantee (PBG) should be issued by a Nationalized Indian Bank or a Foreign Bank having Branches in India, in the form provided in Bidding Document and valid till 45 days beyond the delivery period.

The performance security will be discharged by the Purchaser and returned to the Supplier not later than 30 days following the date of completion of the Supplier's performance obligations, including any warranty obligations, under the Contract.

Failure of the successful Bidder to comply with the Clause 20 or Clause 21 shall constitute sufficient grounds for the annulment of the award.

#### **21. Rights Reserved by NDS, Alamadhi Semen Station**

NDS, Alamadhi Semen Station reserves the right to accept or reject any bid, and to annul the bidding process and reject all the bids at any time prior to award of Contract, without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the grounds for NDS' action. NDS, Alamadhi Semen Station does not bind itself to accept the lowest bid. NDS, Alamadhi Semen Station reserves the right to award the job either in part or full. NDS, Alamadhi Semen Station at its sole

discretion and without assigning any reason thereof, also reserves the right to accept any/or reject any or all bids.

**22. Taxes and Duties**

A supplier shall be entirely responsible for all taxes, duties, license fees and other such levies

**23. Address for Communication**

Head (Purchase)

NDDB Dairy Services,

**National Dairy Development Board complex, Room No D 32 Plot A, 84,  
Block A, Sector 17, Noida, Uttar Pradesh 201301 Mobile No-90333 69253**

Email: [samar.rehman@nddbdairyservices.com](mailto:samar.rehman@nddbdairyservices.com) 8853491248

The detailed Terms & Conditions and Technical Specification is enclosed.

*For and on behalf of*  
*NDDB Dairy Services, Delhi*  
Issued by: *NDDB Dairy Services, Delhi*

### **Section III General Terms & Conditions**

**1. Single Quotation:**

- Each bidder shall submit only one quotation.
- Bidders must not contact other bidders regarding this RFQ.

**2. Validity of Quotation:**

- The quotation must remain valid for at least 120 days from the submission deadline.

**3. Evaluation Criteria:** The bidding process will follow a two-step system: first, the evaluation of Technical Bids to ensure compliance with the required specifications and criteria, followed by the opening and evaluation of Financial Bids for technically qualified bidders

- The Purchase Committee will evaluate quotations based on:
  - Compliance with terms, conditions, and specifications.
  - Inclusion of GST, packing, forwarding, freight, and insurance charges in the evaluation.
- Evaluation will be on an Item Wise basis.
- The decision of NDDB DS will be final and binding.

**4. Award of Contract:**

- The contract will be awarded to the bidder offering the lowest price while meeting technical requirements approved by the user department.
- NDDB DS reserves the right to accept or reject any quotation or cancel the bidding process without prior notice.
- The successful bidder will be notified before the expiration of the quotation validity period.

**5. Terms of Payment:**

- Payment will be made within 30 days after the successful rollout of the setup.

**6. Inspection and Testing:**

- Stage-wise and pre-dispatch inspections may be conducted by NDDB DS or its appointed agency to ensure compliance with technical specifications.

**7. Supplier Performance and Delays:**

- The supplier must adhere to the delivery schedule specified in the Purchase Order.
- Any delay must be communicated in writing, including its cause and expected duration.
- NDDB DS may extend the delivery timeline at its discretion, with or without penalties, through an amendment to the Purchase Order.

**8. Liquidated Damages:**

- A penalty of 0.5% of the delayed goods' price per week (up to a maximum of 10% of the total order value) will be levied for delays.
- Beyond this limit, NDDB DS may terminate the contract.

**9. Taxes and Duties:**

- The supplier will bear all applicable taxes and duties until the goods are delivered.

**10. Performance Bank Guarantee:** 5% Bank Guarantee will be applicable for successful bidder

**11. Transaction Fees and TDS:**

- As the bidding is processed through the NCDFI Portal, Transactions Fees and TDS will be adjusted from the deposited EMD amount:
  - Transaction fee: 0.40% of the contract value (+ applicable GST).

- TDS u/s 194/O: 0.10% of the contract value.
  - Any adjustments in transaction fees and TDS based on the final contract value must be paid promptly in the same NCDFI account:
- **Beneficiary Name:** National Co-operative Dairy Federation of India Ltd.
- **Bank Name:** Union Bank
- **Branch Address:** Anand Branch (Amul Dairy Road), Anand: 388001
- **Account Number:** 520141000774940
- **IFSC Code:** UBIN0905208

**SECTION VII – DEVIATION STATEMENT**

IFB Ref.No.: **NDS/ALM/CCBFAL/IRRIGATION/FEBRUARY/24-25/01**

**DEVIATION STATEMENT FORMS**

**TECHNICAL DEVIATION STATEMENT**

**FORM PART-A**

- (1) The following are the particulars of deviations from the requirements of the tender specifications:

CLAUSE	DEVIATION	REMARKS (Including justification)
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The technical specifications furnished in the bidding document shall prevail over those of any other document forming a part of our bid, except only to the extent of deviations furnished in this statement.

Dated:

Signature and seal of the  
Manufacturer / Bidder

NOTE:

- (1) Where there is no deviation, the statement should be returned (uploaded) duly signed with an endorsement indication "**NO DEVIATIONS**"

**BIDDING TERMS DEVIATION STATEMENT**

IFB Ref.No.: **NDS/ALM/CCBFAL/IRRIGATION/FEBRUARY/24-25/01**

**PART-B**

- (2) The following are the particulars of deviations from the requirements of the bidding conditions / terms:

CLAUSE	DEVIATION	REMARKS (Including justification)
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**BLOCK 1 = 80.55 ACERS**

S.No	Item	UNIT	QUANTITY
1.	5" DIA 6KG PVC PIPES U/G	METER	1680
2.	3" DIA 6KGS PVC PIPES U/G	METER	36
3.	2"DIA 6KGS PVC PIPES U/G	METER	1308
4.	EARTH WORK	METER	3024
5.	75MM 2.5KGS HDPE PIPES LENGTH	6METER	71
6.	5" x 3" REDUCER PVC	NOS	10
7.	5"X3" DIA TEE PVC	NOS	30
8.	3" DIA TEE PVC	NOS	12
9.	2"DIA TEE PVC	NOS	24
10.	3" DIA ELBOW	NOS	12
11.	2"DIA BALL VALVE	NOS	36
12.	75MM HDPE END CAP	NOS	22
13.	75MM HDPE ELBOW	NOS	22
14.	75MM HDPE PCN	NOS	12
15.	RAIN GUN 30METER RADIOUS	SET	2
16.	SPRINKLER 6METER RADIOUS	SET	12
17.	SOLVENT	LETRE	8
18.	MISC.	L/S	
19.	TRANSPORT	L/S	
20.	INSTALLATION	L/S	

**BLOCK 2 = 51.89 ACERS**

S.No	Item	UNIT	QUANTITY
1.	5" DIA 6KG PVC PIPES U/G	METER	912
2.	3" DIA 6KGS PVC PIPES U/G	METER	1356
3.	2"DIA 6KGS PVC PIPES U/G	METER	48
4.	EARTH WORK	METER	2268
5.	75MM 2.5KGS HDPE PIPES LENGTH	6METER	40
6.	3" x 2" REDUCER PVC	NOS	18
7.	5"X3" DIA TEE PVC	NOS	30
8.	3" DIA TEE PVC	NOS	12

9.	2"DIA TEE PVC	NOS	24
10.	3" DIA ELBOW	NOS	12
11.	2"DIA BALL VALVE	NOS	36
12.	75MM HDPE END CUP	NOS	30
13.	75MM HDPE ELBOW	NOS	30
14.	75MM HDPE PCN	NOS	20
15.	RAIN GUN 30METER RADIOUS	SET	2
16.	SPRINKLER 6METER RADIOUS	SET	12
17.	SOLVENT	LETRE	6
18.	MISC.	L/S	
19.	TRANSPORT	L/S	
20.	INSTALLATION	L/S	

**BLOCK 3A = 45 ACERS / BLOCK 3 B = 24.19 ACERS**

S.No	Item	UNIT	QUANTITY
1.	5" DIA 6KG PVC PIPES U/G	METER	816
2.	3" DIA 6KGS PVC PIPES U/G	METER	60
3.	2"DIA 6KGS PVC PIPES U/G	METER	3600
4.	EARTH WORK	METER	4476
5.	75MM 2.5KGS HDPE PIPES LENGTH	6METER	70
6.	3" x 2" REDUCER PVC	NOS	30
7.	5"X3" DIA TEE PVC	NOS	30
8.	2" DIA TEE PVC	NOS	160
9.	2"DIA ELBOW PVC	NOS	30
10.	2" DIA BALL VALVE	NOS	160
11.	75MM HDPE END CUP	NOS	34
12.	75MM HDPE ELBOW	NOS	34
13.	75MM HDPE PCN	NOS	24
14.	RAIN GUN 30METER RADIOUS	SET	6
15.	SPRINKLER 6MTR RADIOUS	SET	12
16.	SOLVENT	LETRE	16
17.	MISC.	L/S	
18.	TRANSPORT	L/S	



19.	INSTALLATION	L/S	
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**BLOCK 5 = 43.84 ACERS**

S.No	Item	UNIT	QUANTITY
1.	4" DIA 6KG PVC PIPES U/G	METER	1800
2.	3" DIA 6KGS PVC PIPES U/G	METER	180
3.	2"DIA 6KGS PVC PIPES U/G	METER	960
4.	EARTH WORK	METER	1980
5.	75MM 2.5KGS HDPE PIPES LENGTH	6METER	20
6.	4" x 3" REDUCER PVC	NOS	32
7.	3"DIA ELBOW PVC	NOS	32
8.	3" DIA BALL VALVE	NOS	35
9.	4"X 3" TEE PVC	NOS	46
10.	75MM HDPE END CUP	NOS	20
11.	75MM HDPE ELBOW	NOS	20
12.	75MM HDPE PCN	NOS	20
13.	40MM RAIN HOSE COILS	300 METER	50
14.	SOLVENT	LETRE	20
15.	MISC.	L/S	
16.	TRANSPORT	L/S	
17.	INSTALLATION	L/S	

**BLOCK 6 = 30.1 ACERS**

S.No	Item	UNIT	QUANTITY
1.	5" DIA 6KG PVC PIPES U/G	METER	600
2.	3" DIA 6KGS PVC PIPES U/G	METER	840
3.	EARTH WORK	METER	1440
4.	75MM 2.5KGS HDPE PIPES LENGTH	6METER	130
5.	5"X 3" DIA TEE PVC	NOS	20
6.	3" DIA TEE PVC	NOS	25

7.	3"DIA ELBOW PVC	NOS	10
8.	75MM HDPE END CUP	NOS	130
9.	75MM HDPE ELBOW	NOS	30
10.	75MM HDPE PCN	NOS	30
11.	16MM HDPE ONLINE LATERAL	MTR	62000
12.	16MM LATERAL L TAP	NOS	1500
13.	16MM LATERAL END CAP	NOS	1500
14.	16MM LATERAL L BOW	NOS	500
15.	16MM CONNECTOR	NOS	50
16.	16MM GTO WITH WASHER	NOS	1500
17.	16MM TEE	NOS	300
18.	6MM LATERAL TAP	NOS	1000
19.	6MM YELLOW FULL JET CIRCLE	NOS	1000
20.	8LPH DRIPPER	NOS	31000
21.	MAXI BUTTERFLY SPRINKLER WITH ADAPTOR	NOS	500
22.	SOLUTION	LETRE	12
23.	MISC.	L/S	
16.	TRANSPORT	L/S	
17.	INSTALLATION	L/S	

**BLOCK 7 = 49.32 ACERS**

S.No	Item	UNIT	QUANTITY
1.	5" DIA 6KG PVC PIPES U/G	METER	960
2.	3" DIA 6KGS PVC PIPES U/G	METER	36
3.	EARTH WORK	METER	996
4.	75MM 2.5KGS HDPE PIPES LENGTH	6METER	20
5.	3"DIA BALL VALVE	NOS	12
6.	75MM HDPE END CAP	NOS	6
7.	75MM HDPE ELBOW	NOS	6
8.	75MM HDPE PCN	NOS	10

9.	<b>RAIN GUN 30METER RADIOUS</b>	<b>SET</b>	<b>2</b>
10.	<b>SPRINKLER 6METER RADIOUS</b>	<b>SET</b>	<b>6</b>
11.	<b>SOLVENT</b>	<b>LETRE</b>	<b>5</b>
12.	<b>MISC.</b>	<b>L/S</b>	
13.	<b>TRANSPORT</b>	<b>L/S</b>	
14.	<b>INSTALLATION</b>	<b>L/S</b>	

**BLOCK 8A = 38 ACERS/ BLOCK 8B= 8.83 ACERS**

<b>S.No</b>	<b>Item</b>	<b>UNIT</b>	<b>QUANTITY</b>
1.	<b>5" DIA 6KG PVC PIPES U/G</b>	<b>METER</b>	<b>780</b>
2.	<b>3" DIA 6KGS PVC PIPES U/G</b>	<b>METER</b>	<b>540</b>
3.	<b>EARTH WORK</b>	<b>METER</b>	<b>1320</b>
4.	<b>75MM 2.5KGS HDPE PIPES LENGTH</b>	<b>6METER</b>	<b>30</b>
5.	<b>5"X3"DIA TEE PVC</b>	<b>NOS</b>	<b>6</b>
6.	<b>3" DIA TEE PVC</b>	<b>NOS</b>	<b>50</b>
7.	<b>3" DIA BALL VALVE</b>	<b>NOS</b>	<b>50</b>
8.	<b>75MM HDPE END CAP</b>	<b>NOS</b>	<b>10</b>
9.	<b>75MM HDPE ELBOW</b>	<b>NOS</b>	<b>10</b>
10.	<b>75MM HDPE PCN</b>	<b>NOS</b>	<b>10</b>
11.	<b>RAIN GUN 30METER RADIOUS</b>	<b>SET</b>	<b>4</b>
12.	<b>SPRINKLER 6METER RADIOUS</b>	<b>SET</b>	<b>18</b>
13.	<b>SOLVENT</b>	<b>LETRE</b>	<b>14</b>
14.	<b>MISC.</b>	<b>L/S</b>	
15.	<b>TRANSPORT</b>	<b>L/S</b>	
16.	<b>INSTALLATION</b>	<b>L/S</b>	

**BLOCK 13A = 40ACERS/ BLOCK 13B = 21.13 ACERS**

<b>S.No</b>	<b>Item</b>	<b>UNIT</b>	<b>QUANTITY</b>
1.	<b>5" DIA 6KG PVC PIPES U/G</b>	<b>METER</b>	<b>1080</b>

<b>2.</b>	<b>3" DIA 6KGS PVC PIPES U/G</b>	<b>METER</b>	<b>108</b>
<b>3.</b>	<b>EARTH WORK</b>	<b>METER</b>	<b>1188</b>
<b>4.</b>	<b>3"DIA BALL VALVE</b>	<b>NOS</b>	<b>26</b>
<b>5.</b>	<b>16MM HDPE ONLINE LATERAL</b>	<b>METER</b>	<b>25000</b>
<b>6.</b>	<b>16MM HDPE LATERAL L TAP</b>	<b>NOS</b>	<b>300</b>
<b>7.</b>	<b>16MM HDPE LATERAL END CAP</b>	<b>NOS</b>	<b>300</b>
<b>8.</b>	<b>16MM HDPE LATERAL ELBOW</b>	<b>NOS</b>	<b>300</b>
<b>9.</b>	<b>16MM HDPE CONNECTOR</b>	<b>NOS</b>	<b>300</b>
<b>10.</b>	<b>16MM GTO WITH WASHER</b>	<b>NOS</b>	<b>600</b>
<b>11.</b>	<b>16MM TEE</b>	<b>NOS</b>	<b>300</b>
<b>12.</b>	<b>16MM LATERAL TAP</b>	<b>NOS</b>	<b>500</b>
<b>13.</b>	<b>6MM YELLOW FULL JET CIRCLE</b>	<b>NOS</b>	<b>500</b>
<b>14.</b>	<b>8LPH DRIPPER</b>	<b>NOS</b>	<b>3500</b>
<b>15.</b>	<b>RAIN GUN SET 30METER</b>	<b>SET</b>	<b>2</b>
<b>16.</b>	<b>SPRINKLER SET 6METER RADIOUS</b>	<b>SET</b>	<b>12</b>
<b>17.</b>	<b>SOLVENT</b>	<b>LETRE</b>	<b>10 LETRE</b>
<b>18.</b>	<b>MISC.</b>	<b>L/S</b>	
<b>19.</b>	<b>TRANSPORT</b>	<b>L/S</b>	
<b>20.</b>	<b>INSTALLATION</b>	<b>L/S</b>	

## Total Quantity

S.No	Item	UNIT	QUANTITY
1.	5"DIA 6KG PVC PIPES	METER	8628
2.	3"DIA 6KG PVC PIPES	METER	3156
3.	2"DIA 6KG PVC PIPES	METER	5916
4.	5" X 3"REDUCERS PVC	NOS	10
5.	4" X 3" REDUCERS PVC	NOS	32
6.	3" X 2" REDUCER PVC	NOS	48
7.	5"DIA COUPLING PVC	NOS	20
8.	4"DIA COUPLING PVC	NOS	30
9.	3"DIA COUPLING PVC	NOS	30
10.	2"DIA COUPLING PVC	NOS	40
11.	5" X 3" TEE PVC	NOS	122
12.	5"DIA TEE PVC	NOS	12
13.	3"DIA TEE PVC	NOS	87
14.	2"DIA TEE PVC	NOS	240
15.	4"DIA ELBOW PVC	NOS	10
16.	5"DIA ELBOW PVC	NOS	10
17.	3"DIA ELBOW PVC	NOS	66
18.	2"DIA ELBOW PVC	NOS	40
19.	3"DIA BALL VALVE	NOS	123
20.	2"DIA BALL VALVE	NOS	268
21.	4" X 3" TEE PVC	NOS	46
22.	75MM 2.5KG HDPE SPRINKLER PIPES -6METER LENGTH	LENGTH	381
23.	75MM HDPE END CAP	NOS	252
24.	75MM HDPE ELBOW	NOS	152
25.	75MM HDPE PCN	NOS	126
26.	16MM HDPE ONLINE LATERAL	METER	87000
27.	16MM HDPE LATERAL TAP	NOS	1800

28.	16MM HDPE LATERAL END CAPS	NOS	1800
29.	16MM HDPE LATERAL ELBOW	NOS	800
30.	16MM HDPE LATERAL CONECTOR	NOS	350
31.	16MM HDPE GTO WITH WASHER	NOS	2100
32.	16MM HDPE TEE	NOS	600
33.	6MM YELLOW FULL JET CIRCLE	NOS	1500
34.	8LPH LATERAL DRIPPER	NOS	34500
35.	MAXI BUTTERFLY SPRINKLER WITH ADAPTER	NOS	500
36.	40MM RAIN HOSE COILS	COILS	50
37.	40MM RAIN HOSE, TEE COUPLING  WITH VALVE	NOS	200
38.	40MM RAIN HOSE CONNECTOR	NOS	60
39.	4MM RAIN HOSE END CAP	NOS	200
40.	RAINGUN FULLSET WITH 6FEET HEIGHT 30METER RADIOUS CAPACITY	NOS	18
41.	SPRINKLER FULL SET WITH 6 FEET TALL STAND 6MM RADIOUS CAPACITY	NOS	82
42.	SOLVENT SOLUTIONS	LTS	100
43.	Misc	Lot	1