

## TENDER DOCUMENT

For

### CIVIL CONSTRUCTION OF KODUVAZHANOOR JACKFRUIT VALUE ADDITION UNIT

#### PREAMBLE

**PROJECT** : CIVIL CONSTRUCTION OF JACKFRUIT VALUE ADDITION UNIT

**LOCATION** : KODUVAZHANOOR SERVICE CO-OPERATIVE BANK  
LTD-NO.3144  
KODUVAZHANOOR POST THIRUVANATHAPURAM,  
KERALA, PIN - 695612.

**COMPLETION** : WITHIN 10 WEEKS FROM DATE OF AGREEMENT

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For Koduvazhanoor Service Co-Operative Bank

Place : Koduvazhanoor

Date : 19.11.24

  
SECRETARY  
Koduvazhanoor Service Co-Operative  
Bank Ltd.No.3144  
Koduvazhanoor P.O., Pulimath-695 612

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**ARTICLE 1**

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**DEFINITIONS**

For this Tender, terms set forth in this **Article 1.1**, when employed in singular or plural form, are defined to mean, unless the context otherwise requires, the following.

- 1.1 **Project** means construction of **428.64 M<sup>2</sup> Jackfruit Value Addition Unit** as per Drawing No. LSGD 1.1A and the specifications given as the Annex.1 at the premises of **Koduvazhanoor Service Co-Operative Bank Ltd-No.3144,Koduvazhanoor Post Thiruvananthapuram, Kerala Pin - 695612.**
- 1.2 **Civil Construction** means and includes Plinth, PCC Floor, Walls, Septic tank, etc., as detailed in **Drg.No. LSGD 1.1A/Approved Drawings** attached as Annex.1 & Estimation given attached as Annex 2
- 1.3 **Bidder/Contractor** means, the Eligible Person / Firm / Co-operative Society or Company who had tendered for **Project** and has been selected to undertake completion of **Project**
- 1.4 **Offer** means sealed offer based on this Tender No.2409\_T1/2024 from **Bidder/Contractor** for undertaking **Civil Construction** of **Project**
- 1.5 **Contract Document** means and includes, Tender Document and acceptance thereof, including conditions, specifications, designs, drawings and formal **Agreement.**
- 1.6 **Contract Value** means the fixed amount, **including all taxes** and duties, offered by **Bidder/Contractor** to complete **Civil Construction** of **Project.**
- 1.7 **Earnest Money Deposit (EMD)** (equivalent of 1 % of **Contract Value** by Demand Draft from a Scheduled Bank, to be submitted along with **Offer**) is to ensure that **Bidder/Contractor** does not submit a dummy **Offer** or back out at time of Tender opening.  
  
**EMD** provided by successful **Bidder/Contractor** is retained against **Security Deposit.** In the event of successful **Bidder/Contractor** backing out, respective **EMD** is forfeited.  
  
**EMDs** from unsuccessful **Bidders/Contractors** are returned within 15 days from date of opening of the **Tender**
- 1.8 **Time of completion** means the period in which the **Civil Construction** of **Project** is to be completed from the date of signing the **Contract**
- 1.9 **Project Officer** means the executive, duly authorised by **Koduvazhanoor Service Co-Operative Bank** as in charge of execution of **Civil Construction** of **Project** and to whom **Bidder/Contractor** will report all technical aspects of **Civil Construction** of **Project**
- 1.10 **Certificate of Practical Completion** is the certificate issued by **Project Officer**, confirming that **Bidder/Contractor** has **completed** the contractual obligations as per **Offer.**

- 1.11 **Defects liability period** of 12 months is a period of time following **Practical Completion**. If any defect during this period is observed and notified by **Project Officer, Bidder/Contractor** shall rectify the same at his cost.
- 1.12 **Performance Guarantee** of 2% of **Contract Value** and for a period of 12 months from date of **Completion Certificate**, is against due and faithful completion of **Project**.
- After adjusting the **EMD**, balance of **Performance Guarantee** may be recovered by percentage deduction from the successful **Bidder/ Contractor's**, respective "on account" bills.
- 1.13 **Performance Guarantee** amount shall be returned to the **Bidder/Contractor** after expiry of **Defects liability period**, (subject to **Bidder/Contractor** rectifying defects, if any during the period) against **No Claim Certificate** issued by **Project Officer**.
- 1.14 **Agreement**, which is part of **Contract Documents**, means the formal Agreement executed between **Secretary, Koduvazhanoor Service Co-Operative Bank** and **Bidder/Contractor**. **Agreement** will govern all terms and conditions of completion of **Project**.
- 1.15 **Drawings**, which are part of **Contract Documents**, mean the drawings which will form part of **Project** under Permit No A4-BA(230778)/2024 Issued by Pulimath Grama Panchayath, sanctioning the construction of **Project**.
- 1.16 **Specifications** mean the specifications for Materials and Civil Construction specified in **Drawings** which may be amplified, added to or superseded by written instruction of **Project Officer** during **Time of Completion**.

## ARTICLE 2

### TENDER CONDITIONS

#### 2.1 ELIGIBILITY / QUALIFICATION

**Bidder/Contractor** must have Experience in Civil Construction of Industrial Buildings and should have constructed at least one building completed within the last three years, cost of construction of which should be above Rs. 50 lacs

If so desired by **Koduvazhanoor Service Co-Operative Bank**, **Bidder/Contractor** will make arrangements for **Project Officer** to see the Building.

#### 2.2 Permissions/Approvals

**Bidder/Contractor** must have all necessary statutory and valid Permissions/Approvals as well as Registration for WCT (Work Contract, Tax), Service Tax etc. necessary, to undertake the **Project**.

#### 2.3 Construction Material

Materials as per specifications in Tender and brought on site by **Bidder/ Contractor** shall be used in construction only after inspection and approval by **Project Officer**

ARTICLE 3

FORM OF TENDER

3.1 Competence

If **Bidder/Contractor** is,

An individual, **Offer** shall be signed with full name and complete address, both permanent address and communication address.

A partnership firm, **Offer** shall be signed by the Managing Partner of the firm. Notarised copy of Registered Partnership Deed of the firm shall be submitted along with **Offer**.

A company incorporated under the companies Act (1 of 1956), **Offer** shall be signed by its Managing Director duly authorised on their behalf and shall bear the official seal of the company.

3.2 Covering Letter

**Offer** shall have a covering letter, signed and sealed, in the following format, typed in the letterhead of **Bidder/Contractor**.

  
SECRETARY  
Koduvazhanor Service Co-Operative  
Bank Ltd.No.3144  
Koduvazhanor P.O., Pulimat 95 612

From .....

Ref : .....

To.....

Date: .....

**Sub: Offer for Civil Construction of Jackfruit Value Addition Unit Tender**  
**No.2409\_T1/2024**

Dear Sir,

I/We hereby submit **Offer for Civil Construction of Jackfruit Value Addition Unit**

**Contract Amount** – Civil Construction Rs. .... lacs (.....)  
 Rate/Sq. Meter Rs. .... lacs (.....)

**Commencement** – within ..... weeks from date of Agreement

**Completion** – within .....weeks from date of Agreement

**Defects liability Period** – 12 months from date of completion

**Earnest Money Deposit** – Rs. .... (.....)

1 % of Contract Value) by DD No..... dated

.....from.....

**Validity of Offer** – 30 days from date of Offer

Should this Offer be accepted, I/We hereby agree, to abide by and fulfil all the terms and conditions and execute all the works referred to in Tender Documents. If I /We fail to commence the work by the specified date mentioned above, I/We understand that my/our contract may be cancelled.

Yours faithfully,

For .....

Authorised Signatory

**Attachments: Detailed Offer with**  
**Annex. 1** List of Building/s  
**Annex. 2** Copies of Approvals/Registration/Permissions  
**Annex. 3** Approvals/Permission s/Registration

Place: Koduvazhanoor

for

Koduvazhanoor Service Co-Operative Bank

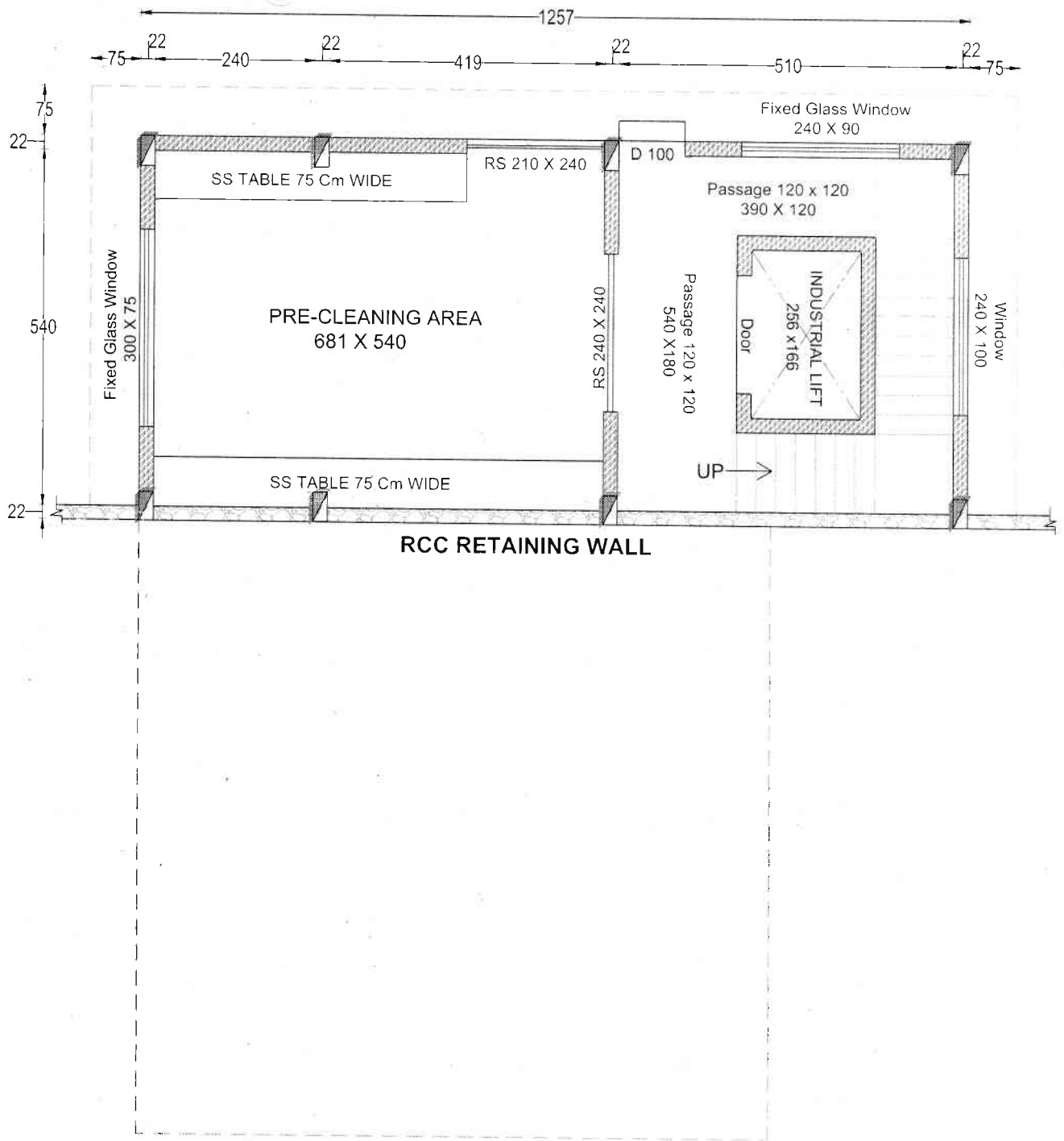
Date 19.11.24

SECRETARY  
 Koduvazhanoor  
 Authorised Signatory

Bank Ltd.No.3144

Koduvazhanoor P.O. Pudukkottai-695 612

BUILDING FLOOR PLANS -KODUVAZHANOOR SERVICE CO-OPERATIVE BANK



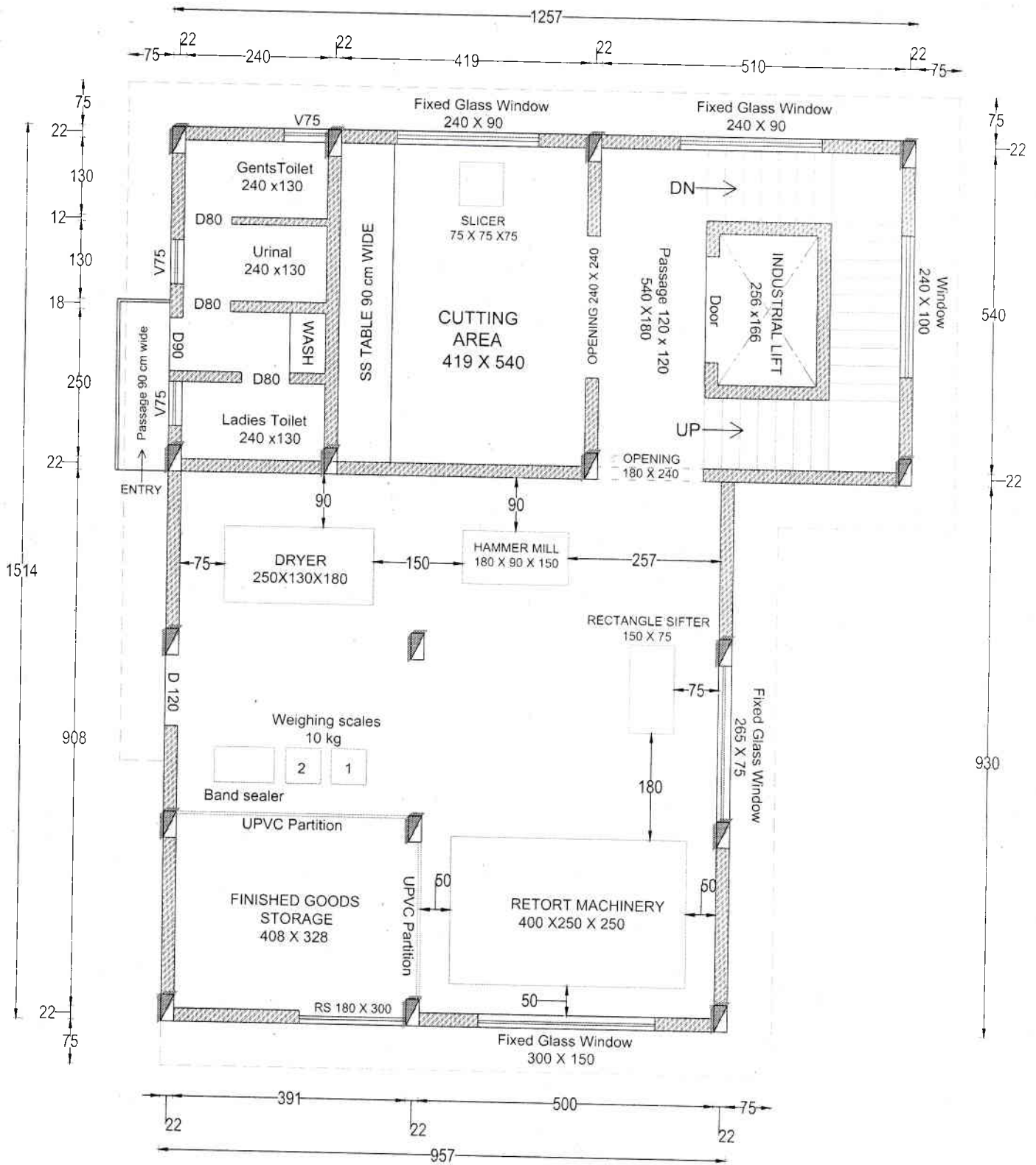
**BASEMENT FLOOR**  
 AREA: 73.38 SQM  
 780 SQ.FEET

FLOOR PLAN AREA DETAILS	
BASEMENT FLOOR -	73.38 m2 , 780 SQ.FEET
GROUND FLOOR -	162.33 m2 , 1747 SQ.FEET
FIRST FLOOR -	162.33 m2 , 1747 SQ.FEET
TERRACE FLOOR -	32.35 m2 , 348 SQ.FEET
<b>TOTAL AREA-</b>	<b>4622 SQ.FEET</b>

ALL DIMENSIONS ARE IN CM

SECRETARY

# BUILDING FLOOR PLANS - KODUVAZHANOOR SERVICE CO-OPERATIVE BANK

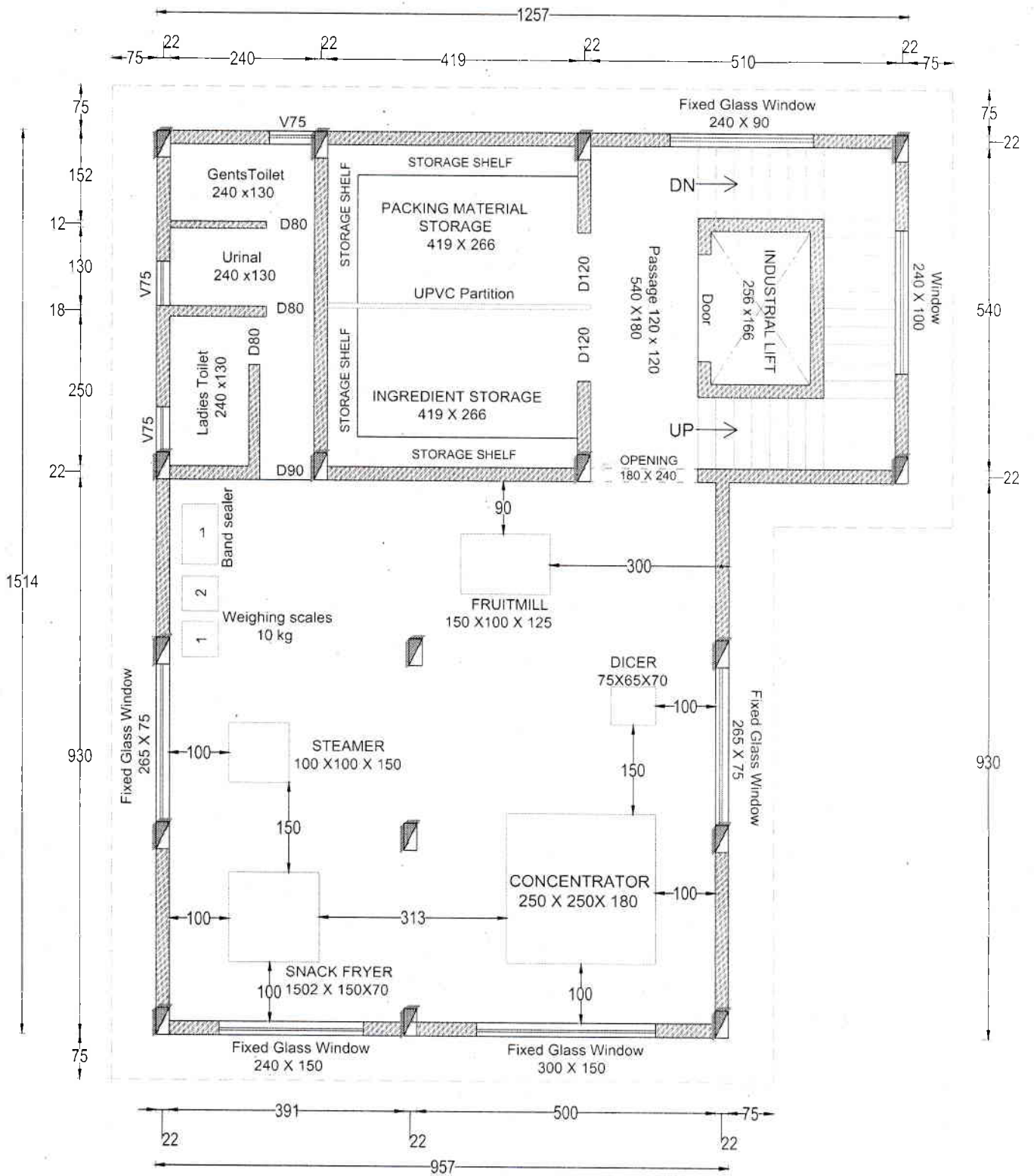


**GROUND FLOOR**  
 AREA: 162.33 SQM  
 1747 SQ.FEET

FLOOR PLAN AREA DETAIL
BASEMENT FLOOR - 73.38 m <sup>2</sup> , 780 SQ.FEET
GROUND FLOOR - 162.33 m <sup>2</sup> , 1747 SQ.FEET
FIRST FLOOR - 162.33 m <sup>2</sup> , 1747 SQ.FEET
TERRACE FLOOR - 32.35 m <sup>2</sup> , 348 SQ.FEET
<b>TOTAL AREA- 4622 SQ.FEET</b>

ALL DIMENSIONS ARE IN CM. SECRETARY  
 Koduvazhanoor Service Co-Operative

# BUILDING FLOOR PLANS -KODUVAZHANOOR SERVICE CO-OPERATIVE BANK



**FIRST FLOOR**  
 AREA: 162.33 SQM  
 1747 SQ.FEET

BASEMENT FLOOR - 73.38 m <sup>2</sup> , 780 SQ.FEET
GROUND FLOOR - 162.33 m <sup>2</sup> , 1747 SQ.FEET
FIRST FLOOR - 162.33 m <sup>2</sup> , 1747 SQ.FEET
TERRACE FLOOR - 32.35 m <sup>2</sup> , 348 SQ.FEET
<b>TOTAL AREA- 4622 SQ.FEET</b>

ALL DIMENSIONS ARE IN METERS SCALE - 1:100

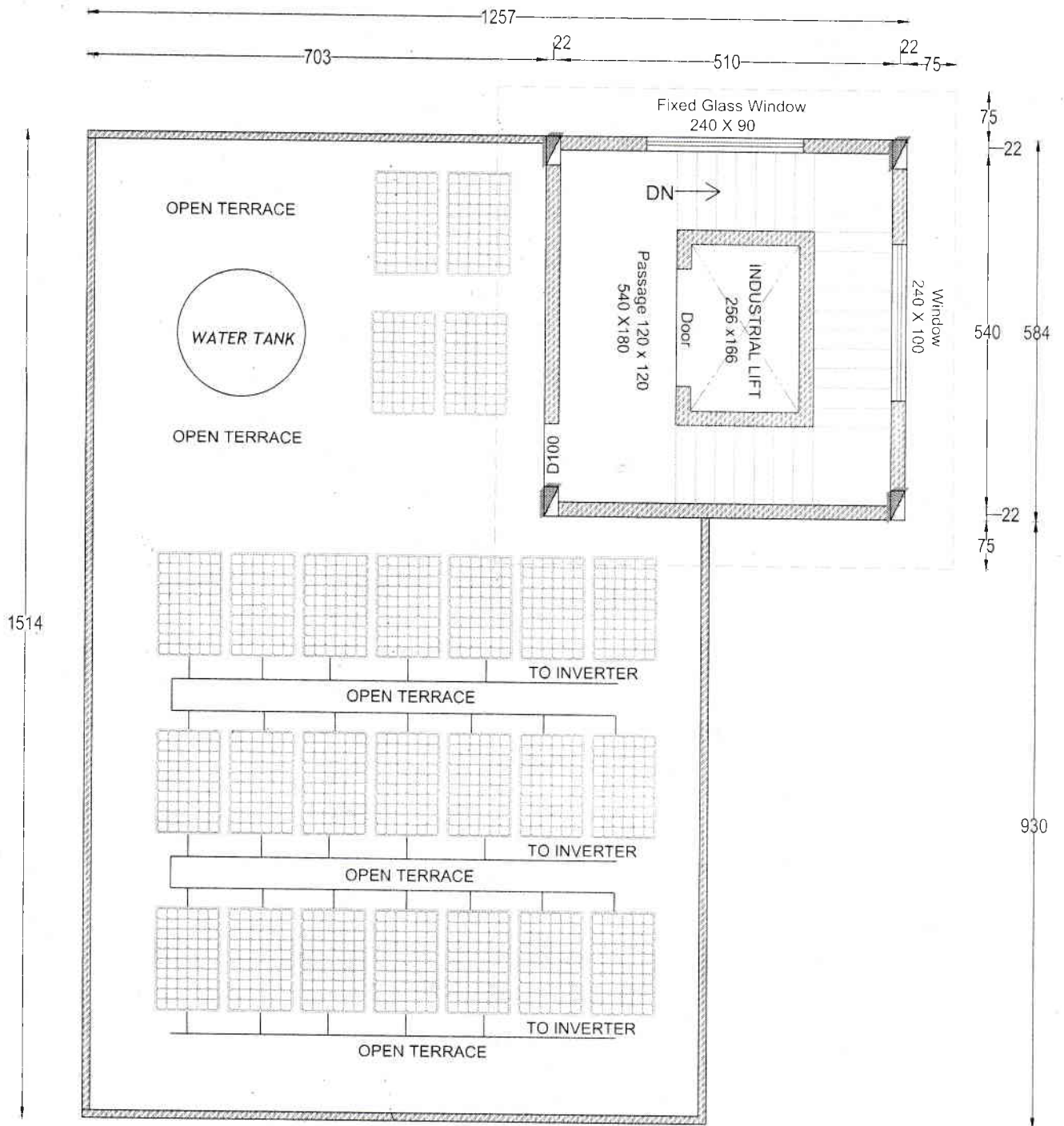
Koduvazhanoor Service Co-operative

Plot No 3144 -

Koduvazhanoor P.O. Pinnimala-695 612



# BUILDING FLOOR PLANS - KODUVAZHANOOR SERVICE CO-OPERATIVE BANK



**TERRACE FLOOR**  
 AREA: 32.35 SQM  
 348 SQ.FEET

BASEMENT FLOOR - 73.38 m2 , 780 SQ.FEET
GROUND FLOOR - 162.33 m2 , 1747 SQ.FEET
FIRST FLOOR - 162.33 m2 , 1747 SQ.FEET
TERRACE FLOOR - 32.35 m2 , 348 SQ.FEET
<b>TOTAL AREA- 4622 SQ.FEET</b>

ALL DIMENSIONS ARE IN CM      SCALE - 1:100

ESTIMATE

Prepared by RM AGRONATURE PVT LTD on 14-11-2024

PROJECT : Construction of Industrial building (RCC STRUCTURE) for Jackfruit Processing Centre at Koduvazhanoor for Koduvazhanoor Service Co-operative Bank -Ltd No 3144

A . BASEMENT FLOOR

S/no	Description	Nos	Length	Breadth	Height	Quantity	Unit	Rate	Amount
1	Clearing grass and other overgrowths of vegetation and small trees of girth up to 30 cm including rooting out and removal of rubbish up to a distance of 150 m outside the periphery of the area cleared								
	man coolies engaged for clearing the yard				Say	2.00	nos		
2	Man mazdoor engaged to remove all the debris and clearing the site for new construction								
	Man coolies engaged for clearing the site				Say	4.00	nos		
3	Mobilisation Expense for Shead, Water arrangements &								
		1			Say		LS.		
4	"Earth work excavation in Ordinary soil and depositing on bank with initial lead up to 50 m and lift upto 1.5 m including breaking clods, watering , ramming and sectioning of spoil bank,back filling excess earth .etc. complete"								
	Footing F1	8	1.80	1.80	1.50	38.88			
					Say	38.88	m3		
5	Cement Concrete(PCC) 1:4:8 using 40 mm (nominal size) broken stone including all labour, material, and conveyance charges etc complete"								
	Footing F1	8	1.80	1.80	0.1	2.59			
	Bottom of Plinth Beam including lift area	1	47.02	0.3	0.5	7.05			
					Say	9.65	m3		
6	Cement Concrete(RCC) up to plinth level 1:1½:3 (M20) using 20 mm (nominal size) broken stone for reinforced concrete work including all labour, material, and conveyance								
	Footing F1	8	1.5	1.5	0.50	9.0			
	Foundation Pedastal Concreting up to Plinth level	8	0.20	0.45	1.50	1.08			
	Retaining wall for building	1	12.57	0.20	3.00	7.54			
	Retaining wall for land (2 sides )	1	9.40	0.20	3.00	5.64			
	Plinth Beam including lift area	1	62.84	0.20	0.30	3.77			
					Say	27.0	m3		
7	Earth filling -supplying and spreading and compacting contractor's own earth cut and conveyed from out side"								
	Back filling of foundation pits	8	1.80	1.80	1.50	21.60			
	Pre-cleaning area	1	6.81	5.40	0.30	2.04			
	Stair room and lift room	1	5.10	5.40	0.30	8.26			
	Deduction for PCC	1	6.81	5.40	0.07	2.57			
			5.10	5.40	0.07	1.93			
						27.40	m3		
8	JOINERY work for Doors, windows and Ventilator								
	Main Door D	1	1.00		2.10	1.00	nos		
	Rolling Shutter 1	1	2.10		2.40	5.04	m2		
	Rolling Shutter 2	1	2.40		2.40	5.76	m2		
	UPVC Fixed glass window 1	1	3.00		0.75	2.25	m2		
	UPVC Fixed glass window 2	1	2.40		0.90	2.16	m2		
	UPVC Fixed glass window 3	1	2.40		1.00	2.40	m2		
9	"Cement concrete solid block masonry in CM 1:6 using CC blocks of 30x20x15cm size,locally made best quality,for super structure. "								
	Outer walls	1	23.35	0.20	2.60	12.14			
	Inside wall	1	5.84	0.20	2.60	3.04			
	lift area wall	1	10.20	0.20	2.90	5.92			
	deduct for windows,doors and shutters					21.09	m3		
	Main Door D1	1	1.00	0.2	2.10	0.42			
	Rolling Shutter 1	1	2.10	0.2	2.40	1.01			
	Rolling Shutter 2	1	2.40	0.2	2.40	1.15			
	UPVC Fixed glass window 1	1	3.00	0.2	0.75	0.45			
	UPVC Fixed glass window 2	1	2.40	0.2	0.90	0.43			
	UPVC Fixed glass window 3	1	2.40	0.2	1.00	0.48			
	Total after deduction					3.94	m3		
					Say	17.15	m3		
10	RCC-Reinforced cement concrete 1:1½:3 (one part cement one and half part sand three part 20 mm metal )including all form works, watering , curing, etc complete but excluding cost of reinforcement								
	Roofslab	1	12.57	5.49	0.12	8.28			

  
SECRETARY

	Lintel on the walls	1	28.74	0.2	0.15	0.86		
	Sunshade	1	25.78	0.75	0.07	1.35		
	Column C1	8	0.20	0.45	2.90	2.09		
	Beam B1	1	34.13	0.20	0.40	2.73		
	Staircase from Ground-First Floor	1	7.50	1.20	0.15	1.35		
	Deduction for slab area-	1	4.20	3.30	0.12	1.66		
11	<b>Ceiling Plastering</b> - with cement mortar 1:4, 12mm thick one coat floated hard and trowelled smooth including all labour, material, conveyance charges etc complete"					<b>15.00</b>	<b>m3</b>	
	Pre Cleaning Area	1	6.81	5.40		36.77		
	Stair room	1	5.10	5.40		27.54		
	Sunshade	2	25.78	0.75		38.67		
	<b>Deduction for slab area(Stair)-</b>	1	4.20	3.30		13.86		
12	<b>Wall Plastering-</b> with cement mortar 1:5, 12mm thick one coat floated hard and trowelled smooth including all labour, material, conveyance charges etc complete"					<b>89.12</b>	<b>m2</b>	
	Basement	1	24.25		0.30	7.28		
	Outer walls	1	24.25		2.90	70.33		
	Pre-cleaning area	1	24.42		2.90	70.82		
	stair room area	1	21.00		2.90	60.90		
	lift area wall	2	10.20		2.90	59.16		
	deduct for windows,doors and shutters					<b>268.48</b>	<b>m2</b>	
	Main Door D1	1	1.00		2.10	2.10		
	Rolling Shutter 1	1	2.10		2.40	5.04		
	Rolling Shutter 2	1	2.40		2.40	5.76		
	UPVC Fixed glass window 1	1	3.00		0.75	2.25		
	UPVC Fixed glass window 2	1	2.40		0.90	2.16		
	UPVC Fixed glass window 3	1	2.40		1.00	2.40		
	Less deduction					<b>19.71</b>		
						<b>248.77</b>	<b>m2</b>	
13	<b>Cement Concrete(PCC) 1:4:8</b> using 40 mm (nominal size) broken stone including all labour, material, and conveyance charges etc complete"				Say	<b>248.77</b>	<b>m2</b>	
	Pre Cleaning Area	1	6.81	5.40	0.10	3.68		
	Stair room	1	5.10	5.40	0.10	2.75		
14	<b>Flooring</b> with ANTI SKID vitrified floor tiles over a bed of cement plaster 1:3,12mm thick,with uniform spacing 3 mm pointing with epoxy finish of suitable colour to match including all cost andlabour charges.				Say	<b>6.43</b>	<b>m3</b>	
	Pre Cleaning Area	1	6.81	5.40		36.77		
	Stair room	1	5.10	5.40		27.54		
	Stair - Thread	17	1.20	0.30		6.12		
	Stair - riser	20	1.20	0.15		3.60		
	Stair - landing	2	1.20	1.20		2.88		
	Skirting in both precleaning area and stair room area	1	45.42	0.10		4.54		
15	<b>WALL TILING on the Pre-cleaning room</b> with best glazed coloured tiles 7.5 mm thick or nearest in 12mm in CM 1:3 and epoxy using 3 mm spacer including all labour, material, conveyance charges etc complete"				Say	<b>81.46</b>	<b>m2</b>	
16	<b>Steel for RCC works</b> , bend, tied and placed in position ( plain grill requiring bending cold) using tore steel including all labour, material, and conveyance charges etc complete	1	17.30		2.10	36.33	<b>m2</b>	
	Up to plinth level					27.03		
	Above plinth level					15.00		
						<b>42.03</b>		
17	<b>Painting</b> two coats with ready mixed plastic emulsion paint approved quality paint as specified and including priming coat after rubbing with sand paper and cleaning the surface				Say 70 kg/m3	<b>2942</b>	<b>kg</b>	
	Area as per plastering area- ceiling					<b>89.12</b>		
	Area as per plastering area- ceiling					<b>248.8</b>		
18	<b>Plumbing work</b> required for pre- cleaning area and other purposes				Say	<b>338</b>	<b>m2</b>	
					Say		<b>LS</b>	

**BASEMENT FLOOR TOTAL**

**B. GROUND FLOOR**

1	"Earth work excavation in Ordinary soil and depositing on bank with initial lead up to 50 m and lift upto 1.5 m including breaking clods, watering, ramming and sectioning of spoil bank, back filling excess earth etc. complete"								
	Footing F1	9	1.80	1.80	1.50	43.74			
					Say	<b>43.74</b>	<b>m3</b>		
2	Cement Concrete(PCC) 1:4:8 using 40 mm (nominal size) broken stone including all labour, material, and conveyance charges etc complete" Up to plinth level								
	Footing F1	9	1.80	1.80	0.1	2.92			
	Bottom of Plinth Beam	1	37.47	0.3	0.5	5.62			
	Machinery hall	1	9.08	9.13	0.07	5.80			
					Say	<b>14.34</b>	<b>m3</b>		
3	Cement Concrete(RCC) up to plinth level 1:1½:3 (M20) using 20 mm (nominal size) broken stone for reinforced concrete work including all labour, material, and conveyance charges etc								
	Footing F1	9	1.5	1.5	0.50	10.1			
	Foundation Pedastal Concreting up to Plinth-level	9	0.20	0.45	1.50	1.22			
	Plinth Beam Concreting	1	37.47	0.20	0.45	3.37			
	RCC Flooring in machinery hall	1	9.08	9.13	0.10	8.29			
					Say	<b>23.0</b>	<b>m3</b>		
4	Earth filling -supplying and spreading and compacting contract earth cut and conveyed from out side"								
	Back filling of foundation pits	9	1.80	1.80	1.50	24.30			
	Machinery hall	1	9.08	9.13	0.45	37.31			
	Deduction for PCC	1	9.08	9.13	0.07	5.80			
	Deduction for RCC	1	9.08	9.13	0.10	8.29			
					Say	<b>75.70</b>	<b>m3</b>		
5	RCC-Reinforced cement concrete 1:1½:3 (one part cement one and half part sand three part 20 mm metal )including all form works, watering, curing, etc complete but excluding cost of reinforcement								
	Roofslab with projection of 20 cm in 4 sides	1	15.80	9.97	0.12	18.90			
	Lintel outside wall	1	55.42	0.2	0.15	1.66			
	Lintel inside wall includes lift area 1	1	30.13	0.2	0.15	0.90			
	Lintel inside wall 2	1	4.80	0.18	0.15	0.13			
	Lintel inside wall 3	1	2.40	0.12	0.15	0.04			
	Sunshade around	1	58.62	0.75	0.07	3.08			
	Column C1	17	0.20	0.45	3.95	6.04			
	Slab Beam B1	1	103.33	0.20	0.40	8.27			
	Staircase from Ground-First Floor	1	10.80	1.20	0.15	1.94			
	Cantilvered Passage to toilets(outside) 90cm	1	2.90	0.90	0.12	0.31			
					Say	<b>41.29</b>	<b>m3</b>		
6	"Concrete solid block masonry in CM 1:6 using CC blocks of super structure. "								
	Outer walls	1	55.42	0.20	3.55	39.35			
	Inside wall 1	1	30.13	0.20	3.55	21.39			
	Inside wall 2	1	4.80	0.18	3.55	3.07			
	Inside wall 3	1	2.40	0.12	3.55	1.02			
	lift area wall	1	10.20	0.20	3.55	7.24			
						<b>72.07</b>	<b>m3</b>		
	deduct for windows,doors and shutters								
	Main Door (D120)	1	1.20	0.2	2.10	0.50			
	Bathroom door (D90)	1	0.9	0.2	2.1	0.38			
	Bathroom door (D80)	3	0.8	0.2	2.1	1.01			
	Rolling Shutter 1	1	1.80	0.2	2.40	0.86			
	UPVC Fixed glass window 1	2	2.40	0.2	0.90	0.86			
	UPVC Fixed glass window 2	1	2.40	0.2	1.00	0.48			
	UPVC Fixed glass window 3	1	2.65	0.2	0.75	0.40			
	UPVC Fixed glass window 4	1	3.00	0.2	1.50	0.90			
	Bathroom ventilators (V75)	3	0.75	0.2	0.50	0.23			
	Opening 1	1	2.40	0.2	2.40	1.15			
	Opening 2	1	1.80	0.2	2.40	0.86			
	Total after deduction					<b>7.64</b>	<b>m3</b>		
7	JOINERY work for Doors, windows and Ventilator								
	Main Door (D120)	1	1.20		2.10	1.00	nos		
	Bathroom door (D90)	1	0.9		2.1	1.00	nos		
	Bathroom door (D80)	3	0.8		2.1	3.00	nos		
	Rolling Shutter 1	1	1.80		2.40	4.32	m2		
	UPVC Fixed glass window 1	2	2.40		0.90	4.32	m2		

*[Signature]*

	UPVC Fixed glass window 2	1	2.40		1.00	2.40	m2	
	UPVC Fixed glass window 3	1	2.65		0.75	1.99	m2	
	UPVC Fixed glass window 4	1	3.00		1.50	4.50	m2	
	Bathroom ventilators (V75)	3	0.75		0.50	3.00	nos	
8	<b>Ceiling Plastering</b> - with cement mortar 1:4, 12mm thick one coat floated hard and trowelled smooth including all labour, material, conveyance charges etc complete"							
	Cutting Room	1	4.19	5.40		22.63		
	Stair passage	1	5.40	1.80		9.72		
	Machinery Hall	1	9.08	9.13		82.90		
	Gents Toilet	1	2.40	1.30		3.12		
	Urinal	1	2.40	1.30		3.12		
	Wash area	1	2.40	1.02		2.45		
	Ladies toilet	1	2.40	1.30		3.12		
	Sunshade	2	58.62	0.75		87.93		
	Slab beam on machinery hall	2	27.34	0.4		21.87		
	Cantilvered Passage to toilets(outside) 90cm	2	2.9	0.9		5.22		
					Say	242.08	m2	
9	<b>Wall Plastering</b> - with cement mortar 1:5, 12mm thick one coat floated hard and trowelled smooth including all labour, material, conveyance charges etc complete"							
	Basement	1	28.17		0.45	12.68		
	Outer walls	1	55.42		3.95	218.91		
	Machinery hall	2	18.88		3.95	149.15		
	Cutting room	2	9.59		3.95	75.76		
	Stair area	2	10.50		3.95	82.95		
	Lift (inside and outside)	4	10.20		3.95	161.16		
	Gents Toilet	2	3.70		3.95	29.23		
	Urinal	2	3.70		3.95	29.23		
	Wash area	2	3.42		3.95	27.02		
	Ladies toilet	2	3.70		3.95	29.23		
	deduct for windows,doors and shutters					815.32	m2	
	Main Door (D120)	1	1.20		2.10	2.52		
	Bathroom door (D90)	1	0.9		2.1	1.89		
	Bathroom door (D80)	3	0.8		2.1	5.04		
	Rolling Shutter 1	1	1.80		2.40	4.32		
	UPVC Fixed glass window 1	2	2.40		0.90	4.32		
	UPVC Fixed glass window 2	1	2.40		1.00	2.40		
	UPVC Fixed glass window 3	1	2.65		0.75	1.99		
	UPVC Fixed glass window 4	1	3.00		1.50	4.50		
	Bathroom ventilators (V75)	3	0.75		0.50	1.13		
						28.10		
	Total Less deduction				Say	787.21	m2	
10	<b>Flooring</b> with ANTI SKID vitrified floor tiles over a bed of cement plaster 1:3,12mm thick,with uniform spacing 3 mm pointing with epoxy finish of suitable colour to match including all cost andlabour charges.							
	Cutting Room	1	4.19	5.40		22.63		
	Cutting Room skirting	2	9.59	0.10		1.92		
	Stair passage	1	5.40	1.80		9.72		
	Stair passage- skirting	2	7.20	0.10		1.44		
	Machinery Hall	1	9.08	9.13		82.90		
	Machinery hall- skirting	2	18.21	0.10		3.64		
	Gents Toilet	1	2.40	1.30		3.12		
	Urinal	1	2.40	1.30		3.12		
	Wash area	1	2.40	1.02		2.45		
	Ladies toilet	1	2.40	1.30		3.12		
	Stair - Thread	24	1.20	0.30		8.64		
	Stair - riser	27	1.20	0.15		4.86		
	Stair - landing	2	1.20	1.20		2.88		
					Say	150.43	m2	
11	<b>TOILET WALLS</b> with best glazed coloured tiles 7.5 mm thick or nearest in 12mm in CM 1:3 and epoxy using 3 mm spacer including all labour, material, conveyance charges							
	Gents Toilets	1	7.4		2.4	17.8	m2	
	Ladies Toilets	1	7.4		2.4	17.8	m2	
	Urinal	1	7.4		2.4	17.8	m2	
	wash area	1	6.8		2.4	16.4	m2	
						69.7	m2	
	deduct for doors and ventilators							
	D80	3	0.8		2.1	5.0	m2	
	D90	1	0.9		2.1	1.9	m2	
	V75	3	0.8		0.5	1.0	m2	
						7.9	m2	
	total less deduction				Say	61.8		

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12	WALL TILING on the cutting room with best glazed coloured tiles 7.5 mm thick or nearest in 12mm in CM 1:3 and epoxy using 3 mm spacer including all labour, material, conveyance charges etc complete"								
	Above cutting table	1	5.40		0.90	4.9	m2		
13	Steel for RCC works , bend, tied and placed in position ( plain grill requiring bending cold) using tore steel including all labour, material, and conveyance charges etc complete"								
	Up to plinth level					23.00			
	Above plinth level					41.29			
						64.29			
					Say 70 kg/m3	4500	kg		
14	Painting two coats with ready mixed plastic emulsion paint approved quality paint as specified and including 2 coat primer painting after rubbing with sandpaper and cleaning the surface								
	Area as per plastering area- ceiling					242.08			
	Area as per plastering area- ceiling					787.2			
15	Plumbing work required for cutting area				Say	1029	m2		
16	Plumbing and sanitary items for bathrooms				Say		LS		
	All plumbing works such as PVC pipes, fittings, including material and labour charges etc								
	Providing and fixing Wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:				Say		LS		
	White Wash basin size 630x450 mm with a 15 mm C.P. brass pillar taps	4			Say	4.0	nos		
	Providing and fixing vitreous china closet suitable for use as European type water closet (Anglo Indian W.C. pan) with seat & lid fixed with C.P. brass hinges and rubber buffers, 10 litre low level flushing cistern with fittings and brackets, 40mm flush bend, 20 mm over flow pipe, with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required:								
	White dual purpose WC pan with white solid plastic seat and lid with white vitreous china flushing cistern and C.P. flush bend(Cera / johnson)	2			Say	2.0	nos		
	Supplying and fixing CP Health faucet good quality including cost of materials and labour charges etc. complete as per the direction of site engineer-in-charge.								
		2			Say	2.0	nos		
	Supplying and fixing white glazed earthen ware flat back lipped front Urinal of size 430x 230x 350 mm ( Indian make - best quality ) with 7.5 l capacity with automatic flushing system with fittings, CI brackets, flush pipe 25 mm dia of required length, etc. complete, and making good the walls,					1.0			
		2			Say	2.0	nos		
	Supplying and fixing C.P. Tap- long body 15mm of good								
		4			Say	4.0	nos		
	225mmx225mm or nearest size C.I.Grating								
		3			Say	3.0	nos		
	Supplying and fixing Nozzle Bib Cock   Nozzle Tap with Handle Valve   Brass Valve for Hose Pipe Connection for Gardening Watering Washing Machine Bikes Cars (1/2 Inch, Brass with Nickel Coating)								
	Outside Uses	2.00			Say	2.00	nos		
							<b>GROUND FLOOR TOTAL</b>		
<b>C . FIRST FLOOR</b>									
1	RCC-Reinforced cement concrete 1:1½:3 (one part cement one and half part sand three part 20 mm metal )including all form works, watering , curing, etc complete but excluding cost of reinforcement								
	Roofslab with projection of 20 cm in 4 sides	1	15.80	9.97	0.12	18.90			
	Lintel outside wall	1	55.42	0.2	0.15	1.66			
	Lintel inside wall includes lift area 1	1	30.13	0.2	0.15	0.90			
	Lintel inside wall 2	1	4.50	0.18	0.15	0.12			
	Lintel inside wall 3	1	2.40	0.12	0.15	0.04			
	Sunshade alround	1	58.62	0.75	0.07	3.08			
	Column C1	17	0.20	0.45	3.95	6.04			
	Slab Beam Bi	1	103.33	0.20	0.40	8.27			

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	Staircase from First floor - Terrace Floor	1	10.80	1.20	0.15	1.94		
2	"Concrete solid block masonry in CM 1:6 using CC blocks of super structure."				Say	40.97	m3	
	Outer walls	1	55.42	0.20	3.55	39.35		
	Inside wall 1	1	30.13	0.20	3.55	21.39		
	Inside wall 2	1	4.50	0.18	3.55	2.88		
	Inside wall 3	1	2.40	0.12	3.55	1.02		
	lift area wall	1	10.20	0.20	3.55	7.24		
	Parapat wall height of 120 cm	1	41.42	0.18	1.20	8.95		
	deduct for windows, doors and shutters					80.83	m3	
	Door (D120)ingredient and packing material storage area	2	1.20	0.2	2.10	1.01		
	Bathroom door (D90)	1	0.9	0.2	2.1	0.38		
	Bathroom door (D80)	3	0.8	0.2	2.1	1.01		
	UPVC Fixed glass window 1	1	2.40	0.2	0.90	0.43		
	UPVC Fixed glass window 2	1	2.40	0.2	1.00	0.48		
	UPVC Fixed glass window 3	2	2.65	0.2	0.75	0.80		
	UPVC Fixed glass window 4	1	3.00	0.2	1.50	0.90		
	UPVC Fixed glass window 5	1	2.40	0.2	1.50	0.72		
	Bathroom ventilators (V75)	3	0.75	0.2	0.50	0.23		
	Total after deduction				Say	5.95	m3	
3	JOINERY work for Doors, windows and Ventilator					74.88	m3	
	UPVC Door (D120)ingredient and packing material storage area	2	1.20		2.10	2.00	nos	
	Bathroom door (D90)	1	0.9		2.1	1.00	nos	
	Bathroom door (D80)	3	0.8		2.1	3.00	nos	
	UPVC Fixed glass window 1	1	1.80		0.90	1.62	m2	
	UPVC Fixed glass window 2	1	2.40		1.00	2.40	m2	
	UPVC Fixed glass window 3	2	2.40		0.75	3.60	m2	
	UPVC Fixed glass window 4	1	2.65		1.50	3.98	m2	
	UPVC Fixed glass window 5	1	3.00		1.50	4.50	m2	
	Bathroom ventilators (V75)	3	0.75		0.50	3.00	nos	
4	Ceiling Plastering - with cement mortar 1:4, 12mm thick one coat floated hard and trowelled smooth including all labour, material, conveyance charges etc complete"							
	Ingredient and paking material storage room	1	4.19	5.40		22.63		
	Stair passage	1	5.40	1.80		9.72		
	Machinery Hall	1	9.08	9.13		82.90		
	Gents Toilet	1	2.40	1.30		3.12		
	Urinal	1	2.40	1.30		3.12		
	Toilet passage	1	2.72	0.90		2.45		
	Ladies toilet	1	2.40	1.30		3.12		
	Sunshade	2	58.62	0.75		87.93		
	Slab beam on machinery hall	2	27.34	0.4		21.87		
	Roof slab top	1	9.18	9.33		85.65		
		1	7.21	5.72		41.24		
					Say	363.75	m2	
5	Wall Plastering- with cement mortar 1:5, 12mm thick one coat floated hard and trowelled smooth including all labour, material, conveyance charges etc complete"							
	Outer walls	1	55.42		3.95	218.91		
	Machinery hall	2	18.88		3.95	149.15		
	Ingredient and paking material storage room	2	9.59		3.95	75.76		
	Stair area	2	10.50		3.95	82.95		
	Lift (inside and outside)	4	10.20		3.95	161.16		
	Gents Toilet	2	3.70		3.95	29.23		
	Urinal	2	3.70		3.95	29.23		
	Toilet passage area	2	2.44		3.95	19.28		
	Ladies toilet	2	3.70		3.95	29.23		
	Parapat wall on the first floor 120 cm in height	2	41.42		1.20	99.41		
	Parapat wall top	1	41.42		0.18	7.46		
	deduct for windows and doors					901.76	m2	
	Door (D120)ingredient and packing material storage area	2	1.20		2.10	5.04		
	Bathroom door (D90)	1	0.9		2.1	1.89		
	Bathroom door (D80)	3	0.8		2.1	5.04		
	UPVC Fixed glass window 1	1	2.40		0.90	2.16		
	UPVC Fixed glass window 2	1	2.40		1.00	2.40		
	UPVC Fixed glass window 3	2	2.65		0.75	3.98		
	UPVC Fixed glass window 4	1	3.00		1.50	4.50		
	UPVC Fixed glass window 5	1	2.40		1.50	3.60		
	Bathroom ventilators (V75)	3	0.75		0.50	1.13		
						29.73		

	Total Less deduction				Say	872.03	m2	
6	<b>Flooring</b> with ANTI SKID vitrified floor tiles over a bed of cement plaster 1:3, 12mm thick, with uniform spacing 3 mm pointing with epoxy finish of suitable colour to match including all cost and labour charges.							
	Ingredient and packing material storage room	1	4.19	5.40		22.63		
	Ingredient and packing material storage room- skirting	2	9.59	0.10		1.92		
	Stair passage	1	5.40	1.80		9.72		
	Stair passage- skirting	2	7.20	0.10		1.44		
	Machinery Hall	1	9.08	9.13		82.90		
	Machinery hall- skirting	2	18.21	0.10		3.64		
	Gents Toilet	1	2.40	1.30		3.12		
	Urinal	1	2.40	1.30		3.12		
	Toilet area passage	1	2.72	0.90		2.45		
	Ladies toilet	1	2.40	1.30		3.12		
	Stair - Thread	24	1.20	0.30		8.64		
	Stair - riser	27	1.20	0.15		4.86		
	Stair - landing	2	1.20	1.20		2.88		
					Say	150.43	m2	
7	<b>TOILET WALLS</b> with best glazed coloured tiles 7.5 mm thick or nearest in 12mm in CM 1:3 and epoxy using 3 mm spacer including all labour, material, conveyance charges etc complete							
	Gents Toilets	1	7.4		2.4	17.8	m2	
	Ladies Toilets	1	7.4		2.4	17.8	m2	
	Urinal	1	7.4		2.4	17.8	m2	
	Toilet area passage	1	7.2		2.4	17.4	m2	
						70.7	m2	
	deduct for doors and ventilators							
	D80	3	0.8		2.1	5.0	m2	
	D90	1	0.9		2.1	1.9	m2	
	V75	3	0.8		0.5	1.0	m2	
						7.9	m2	
	<b>total less deduction</b>				Say	62.7		
8	<b>WALLS</b> tiling Above cutting table							
		1	5.40		0.90	4.9	m2	
9	<b>Steel for RCC</b> works, bend, tied and placed in position (plain grill requiring bending cold) using tore steel including all labour, material, and conveyance charges etc complete							
	Above plinth level					40.97		
						40.97		
					Say 70 kg/m3	2868	kg	
10	<b>Painting</b> two coats with ready mixed plastic emulsion paint approved quality paint as specified and including 2 coat primer painting after rubbing with sandpaper and cleaning the surface							
	Area as per plastering area- ceiling					363.75		
	Area as per plastering area- ceiling					872.0		
					Say	1236	m2	
11	<b>Plumbing and sanitary items for bathrooms</b>							
	All plumbing works such as PVC pipes, fittings, including material and labour charges etc							
					Say		LS	
	Providing and fixing <b>Wash basin</b> with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:							
	<b>White Wash basin</b> size 630x450 mm with a 15 mm C.P. brass pillar taps	2			Say	4.0	nos	
	Providing and fixing vitreous china closet suitable for use as <b>European type water closet</b> (Anglo Indian W.C. pan) with seat & lid fixed with C.P. brass hinges and rubber buffers, 10 litre low level flushing cistern with fittings and brackets, 40mm flush bend, 20 mm over flow pipe, with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required:							
	<b>White dual purpose WC pan</b> with white solid plastic seat and lid with white vitreous china flushing cistern and C.P. flush bend (Cera / johnson)	2			Say	2.0	nos	
	Supplying and fixing <b>CP Health faucet</b> good quality including cost of materials and labour charges etc. complete as per the direction of site engineer-in-charge.							
		2			Say	2.0	nos	



	Supplying and fixing white glazed earthen ware flat back lipped front Urinal of size 430x 230x 350 mm ( Indian make - best quality ) with 7.5 l capacity with automatic flushing system with fittings, CI brackets, flush pipe 25 mm dia of required length, etc. complete, and making good the walls.					1.0			
	Supplying and fixing C.P. Tap- long body 15mm of good	2			Say	2.0	nos		
	225mmx225mm or nearest size C.I.Grating	2			Say	4.0	nos		
		3			Say	3.0	nos		
<b>D. TERRACE FLOOR</b>									
<b>FIRST FLOOR TOTAL</b>									
1	RCC-Reinforced cement concrete 1:1½:3 (one part cement one and half part sand three part 20 mm metal )including all form works, watering, curing, etc complete but excluding cost of reinforcement								
	Roofslab with projection of 75 cm in 4 sides	1	6.74	7.34	0.12	5.94			
	Lintel outside wall	1	22.16	0.2	0.15	0.66			
	Lintel lift area	1	10.20	0.2	0.15	0.31			
	Column CI	4	0.20	0.45	2.70	0.97			
	Beam	1	22.16	0.20	0.30	1.33			
					Say	9.21	m3		
2	"Concrete solid block masonry in CM 1:6 using CC blocks of super structure."								
	Outer walls	1	22.16	0.20	2.70	11.97			
	lift area wall	1	10.20	0.20	2.70	5.51			
	Parapat wall height of 90 cm	1	22.16	0.18	0.90	3.59			
	deduct for windows,doors					21.06	m3		
	Door (D120)	1	1.20	0.2	2.10	0.50			
	UPVC Fixed glass window 1	1	2.40	0.2	0.90	0.43			
	UPVC Fixed glass window 2	1	2.40	0.2	1.00	0.48			
	Total after deduction					1.42	m3		
					Say	19.65	m3		
3	JOINERY work for Doors, windows								
	i -leaf steel Door (D120)	1	1.20		2.10	1.00	nos		
	UPVC Fixed glass window 1	1	0.9		2.1	1.00	nos		
	UPVC Fixed glass window 2	3	0.8		2.1	3.00	nos		
4	Ceiling Plastering - with cement mortar 1:4, 12mm thick one coat floated hard and trowelled smooth including all labour, material, conveyance charges etc complete"								
	Ceiling	1	5.10	5.40		27.54			
	Roof slab projection	1	25.16	0.75		18.87			
	Roof slab top	1	6.74	7.34		49.47			
					Say	95.88	m2		
5	Wall Plastering- with cement mortar 1:5, 12mm thick one coat floated hard and trowelled smooth including all labour, material, conveyance charges etc complete"								
	Outer walls	1	22.16		2.70	59.83			
	Inside wall	2	10.20		2.70	55.08			
	Parapat wall	2	22.16		0.90	39.89			
	Parapat wall top	1	22.16		0.18	3.99			
	Lift wall	1	10.20		2.70	27.54			
		1	8.44		2.70	22.79			
	deduct for windows,doors and shutters					209.12	m2		
	i -leaf steel Door (D120)	1	1.20		2.10	2.52			
	UPVC Fixed glass window 1	1	0.9		2.1	1.89			
	UPVC Fixed glass window 2	3	0.8		2.1	5.04			
						9.45			
	Total Less deduction				Say	199.67	m2		
6	Flooring with ANTI SKID vitrified floor tiles over a bed of cement plaster 1:3,12mm thick,with uniform spacing 3 mm pointing with epoxy finish of suitable colour to match including all cost andlabour charges.								
	Stair passage	1	5.40	1.80		9.72			
	Stair passage- skirting	2	7.20	0.10		1.44			
					Say	11.16	m2		
7	Steel for RCC works , bend, tied and placed in position ( plain grill requiring bending cold) using tore steel including all labour, material, and conveyance charges etc complete								
	Above plinth level					9.21			
					Say 70 kg/m3	645	kg		

8	Painting two coats with ready mixed plastic emulsion paint approved quality paint as specified and including 2 coat primer painting after rubbing with sandpaper and cleaning the surface								
	Area as per plastering area- ceiling						95.88		
	Area as per plastering area- ceiling						199.7		
						Say	296	m2	
<b>FIRST FLOOR TOTAL</b>									
<b>E. OTHER WORKS</b>									
1	<b>Floor Finishing</b>								
	Basement floor								
	Granite Flooring of Main Entrance Step- Thread	1	1	0.3			0.30	m2	
	Granite Flooring of Main Entrance Step- Riser	2	1	0.15			0.30	m2	
	Ground floor								
	Granite Flooring of Main Entrance Step- Thread	2	1.2	0.3			0.72	m2	
	Granite Flooring of Main Entrance Step- Riser	3	1.2	0.15			0.54	m2	
							1.86		
						Say	2.00	m2	
2	<b>Waterproofing on roof slabs, Toilet wall and floor, etc</b>	1							
	Toilet floor( ground and first floor )	1					23.76	m2	
	Toilet wall( ground and first floor )	1					42.00	m2	
	First floor roof top + Terrace floor roof top	1					162.33	m2	
3	<b>3 layer white Over head water tank 2000 ltr</b>								
		1					2000	L/S	
4	<b>Ready-made Septic tank &amp; soak pits</b>								
		1						L/S	
5	<b>Miscellaneous expenses</b>								
								L/S	
<b>OTHER WORKS TOTAL</b>									
<b>TOTAL AMOUNT (A+B+C+D+E)</b>									
	Rupees								Only
									GST18%
<b>TOTAL INCLUDING GST</b>									
	Rupees								Only

  
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 Koduvazhanoor Service Co-Operative  
 Bank Ltd.No.3144  
 Koduvazhanoor P.O., Pulimath-695 61.