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DRG TITLE

PROPOSED UPGRADATION PLAN

PROJECT TITLE

PROPOSED UPGRADATION WORK OF SLRM CENTRE AT WARD NO.-01 KHONGAPANI BELONGS TO NAGAR PANCHAYAT KHONGAPANI, M.C.B.(C.G)

	NOS	CA/0126/NF22_4/A1
	SCALE	1:100
	DATE	12.01.2026

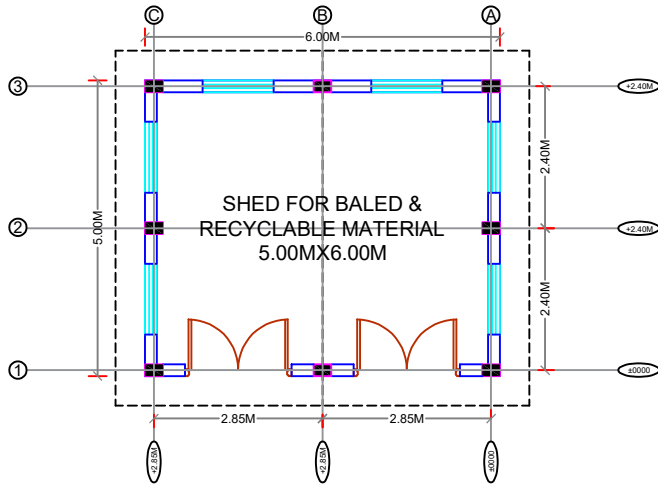
C.M.O. PRESIDENT

SUB ENGINEER ARCHITECT

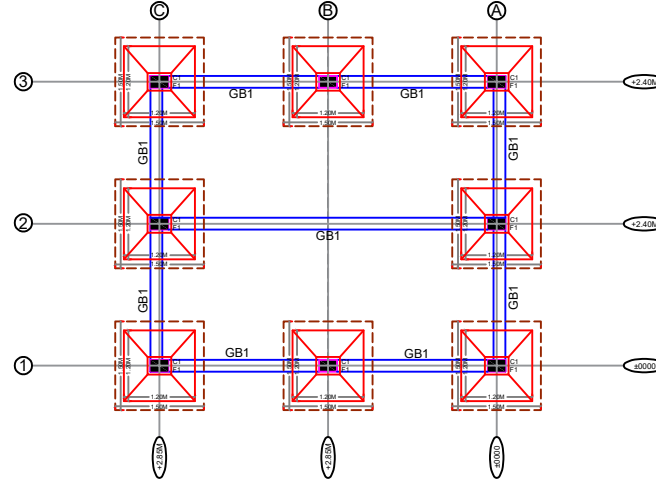
ARCHITECT

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PLAN



LAYOUT & GROUND BEAM

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DRG TITLE

PROPOSED UPGRADATION PLAN FOR  
BALED & RECYCLABLE MATERIAL

PROJECT TITLE

PROPOSED UPGRADATION WORK OF SLRM  
CENTRE AT WARD NO.-01 KHONGAPANI  
BELONGS TO NAGAR PANCHAYAT  
KHONGAPANI, M.C.B.(C.G)

NOS CA/0126/NF22\_4/A2

SCALE 1:125

DATE 12.01.2026

PRESIDENT

C.M.O

S/E

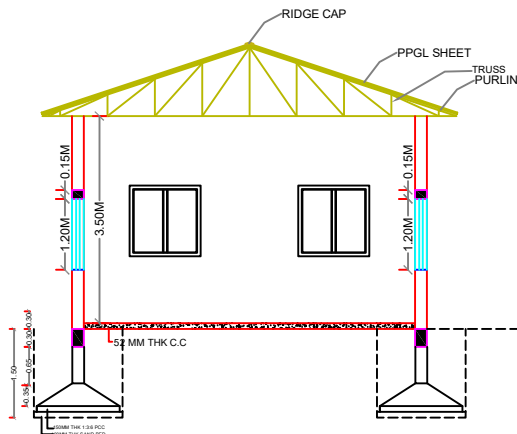
ARCHITECT

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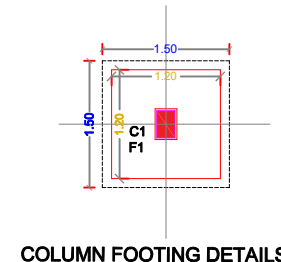
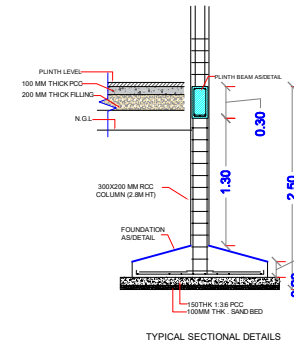
SECTION

GROUND BEAM DETAIL									
S.N.	BEAM NO.	BEAM SIZE		REINFORCEMENT DETAILS				RING DETAILS	
		B	D	TOP	BOTTOM	SUPPORT(EL)	MIDSPAN(EL)	SUPPORT(EL)	MIDSPAN(EL)
1	GB1	300	300	2-12#	2-12#	2-12#	2-12#	8#@100 C/C	8#@150 C/C

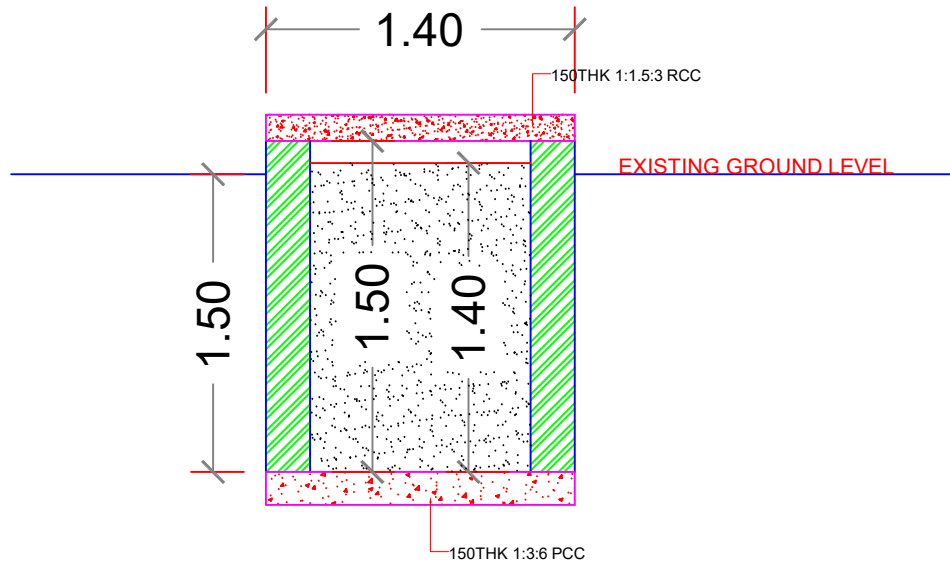
S.N.	BEAM NO.	BEAM SECTION	
		SUPPORT	MIDSPAN
1	GB1		

FOOTING DETAILS									
S.N.	FOOTING NO.	FOOTING DETAILS				REINFORCEMENT DETAILS			
		L	B	Ø	D	FTOL	FTOB	FTOL	FTOB
1	F1	1200	1200	100	300	10# 150C/C	10# 150C/C		

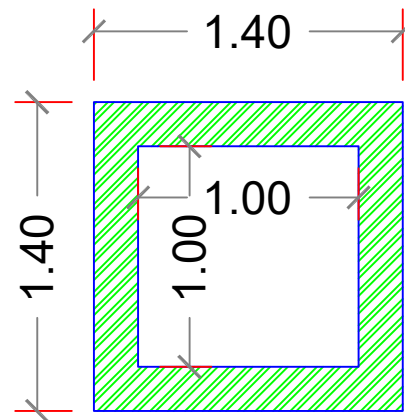
COLUMN DETAILS									
COL. TYPE	COLUMN SECTION								
	UP TO PLINTH		ABOVE PLINTH						
C1 300X300			MAIN BARS: 8#@150MM RINGS: 8#@150C/C						



COLUMN FOOTING DETAILS



SECTION OF RAIN HARVESTING



PLAN OF RAIN HARVESTING

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KEY PLAN

DRG TITLE

SECTION OF RAINWATER HARVESTING  
SYSTEM

PROJECT TITLE

PROPOSED UPGRADATION WORK OF SLRM  
CENTRE AT WARD NO.-01 KHONGAPANI  
BELONGS TO NAGAR PANCHAYAT  
KHONGAPANI,M.C.B,(C.G)

NOS	CA/0126/NF22_4/A3
SCALE	1:600
DATE	12-01-2026

C.M.O PRESIDENT

SUB ENGINEER ARCHITECT

ARCHITECT

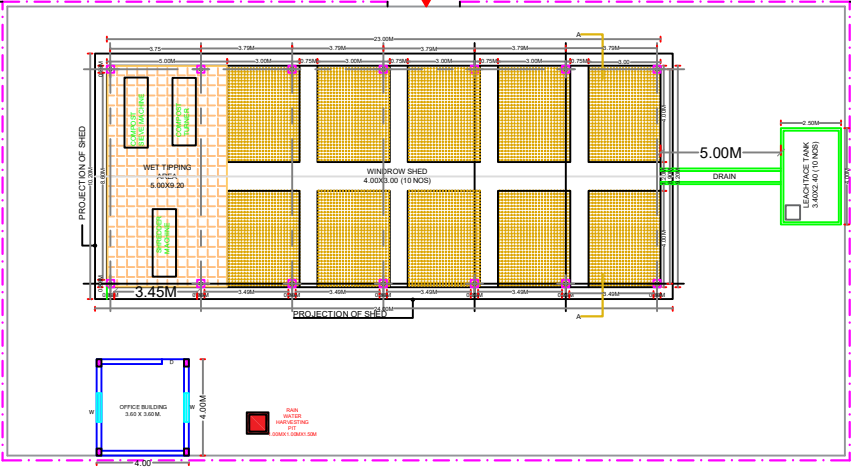
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EXISTING SLRM CENTRE

EXISTING ROAD

EXISTING ROAD



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DRG TITLE

PROPOSED LAYOUT PLAN OF 4 TPD WINDROW COMPOST PLANT

PROJECT TITLE

PROPOSED UPGRADATION WORK OF SLRM CENTRE AT WARD NO.-01 KHONGAPANI BELONGS TO NAGAR PANCHAYAT KHONGAPANI,M.C.B.(C.G)



NOS	CA/0126/NF22_4/A4
SCALE	1:100
DATE	12.01.2026

C.M.O

PRESIDENT

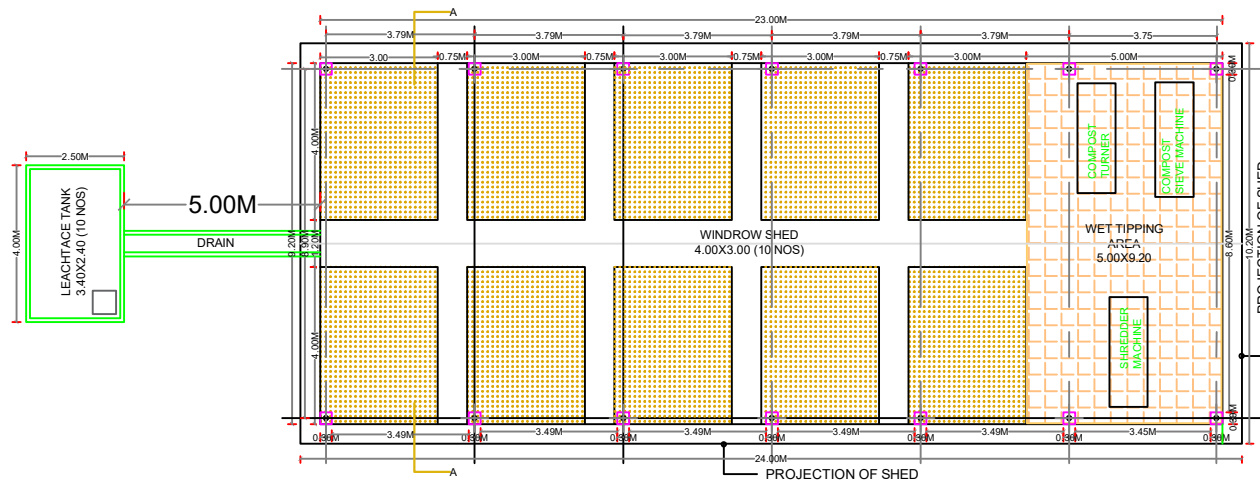
SUB ENGINEER

ARCHITECT

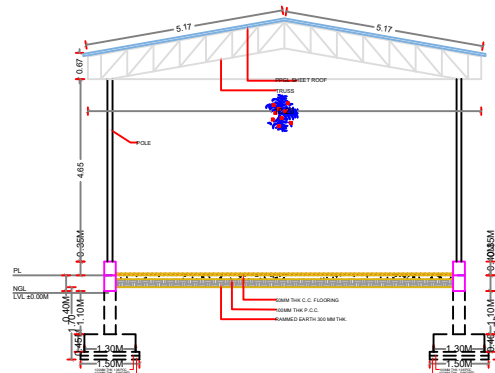
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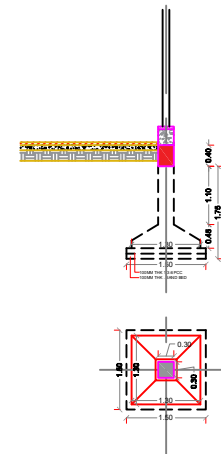
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PLAN



SECTION A-A



TYPICAL SECTIONAL DETAILS

FOOTING DETAILS							
SN	FOOTING NO.	FOOTING DETAILS				REINFORCEMENT DETAILS	
		L	B	d	D	II TO L	II TO B
1	F1	1500	1500	150	300	10# 150C/C	10# 150C/C

COLUMN DETAILS		
COL. TYPE	COLUMN SECTION	
	UPTO PLINTH	ABOVE PLINTH
C1 300X300	<p>MAIN BARS: 8 NOS 12MM# RINGS: 8MM# 150C/C</p>	<p>MAIN BARS: 8 NOS 12MM# RINGS: 8MM# 150C/C</p>

GROUND BEAM DETAIL			
I	II	III	IV
DISCRPTION	SUPPORT(1/4L OR 1/5 L)	MID SPAN(3/4L)	RING @ SUPPORT
B1(300X400)	<p>4-12MM THRU</p>	<p>4-12MM THRU</p>	<p>2LEGGED 10# STIRRUPS @150MM C/C OF SIZE 225X325</p>

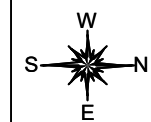
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DRG TITLE

PROPOSED LAYOUT PLAN OF 4TPD WINDROW COMPOST PLANT

PROJECT TITLE

PROPOSED UPGRADATION WORK OF SLRM CENTRE AT WARD NO.-01 KHONGAPANI BELONGS TO NAGAR PANCHAYAT KHONGAPANI, M.C.B.(C.G)



NOS

CA/0126/NF22\_4/A5

SCALE

1:125

DATE

15-01-2026

C.M.O.

PRESIDENT

SUB ENGINEER

ARCHITECT

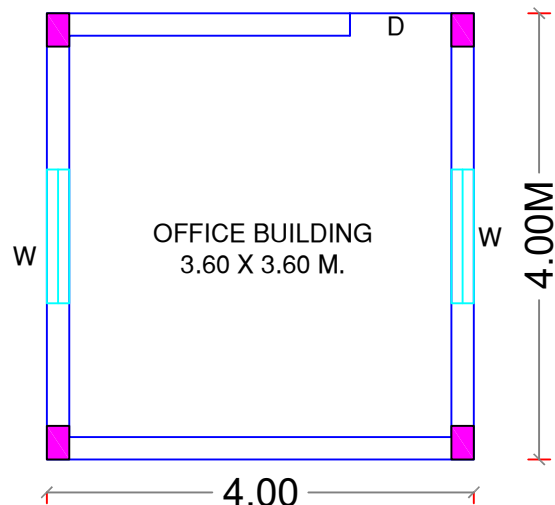
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DRG TITLE

PLAN ,SECTION,LAYOUT AND PLINTH BEAM  
DETAILS FOR STORAGE

PROJECT TITLE

PROPOSED UPGRADATION WORK OF SLRM  
CENTRE AT WARD NO.-01 KHONGAPANI  
BELONGS TO NAGAR PANCHAYAT  
KHONGAPANI,M.C.B,(C.G)

NOS CA/0126/NF22\_4/A6

SCALE 1:125

DATE 12.01.2026

PRESIDENT

C.M.O

S/E

ARCHITECT

ARCHITECT

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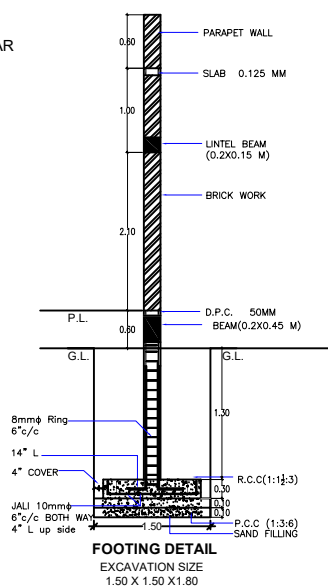
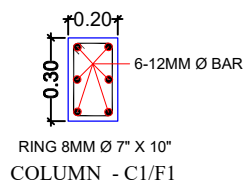
FOOTING SCHEDULE				
Sr.No.	FOOTING	EXCAVATION SIZE	FOOTING SIZE	REINFORCMENT DETAILS
1.	F1	1500x1500x1500mm	1200x1200mm	10 TOR @ 150c/c

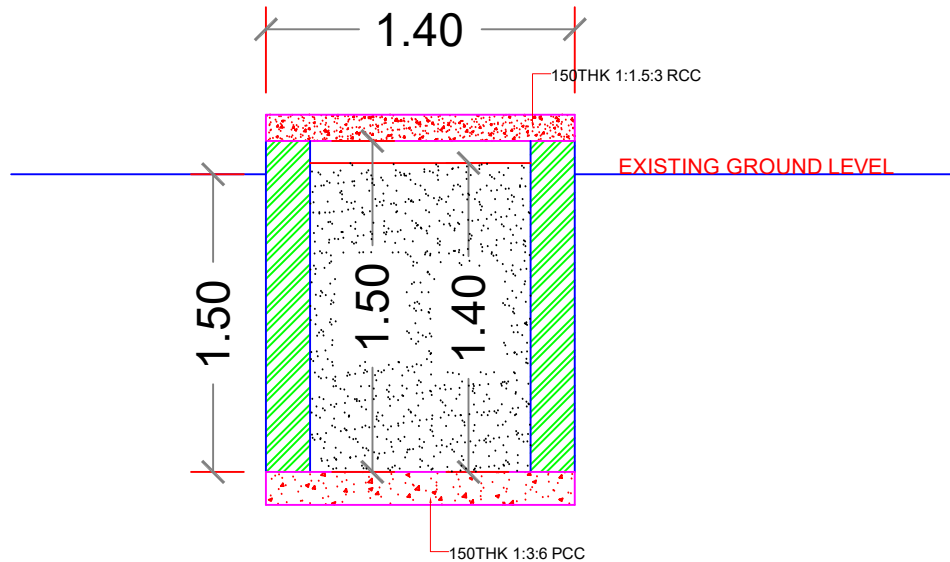
COLUMN SCHEDULE			
	COLUMN	COLUMN SIZE	REINFORCMENT DETAILS
FOUNDATION TO GROUND LEVEL		C1= 200x200 mm	MAIN BAR= 4T-12 TOR RINGS = 8 TOR @ 150c/c

PLINTH BEAM SCHEDULE						
BEAM CROSS SECTION	COLUMN SIZE	REINFORCMENT DETAILS				STIRRUPS
		TOP	MID	BOTTOM	CRANK	
	PB1= 200x300 mm	2T-12 mm	-	2T-12mm	2T-10 mm	T-8mm @ 150mm c/c

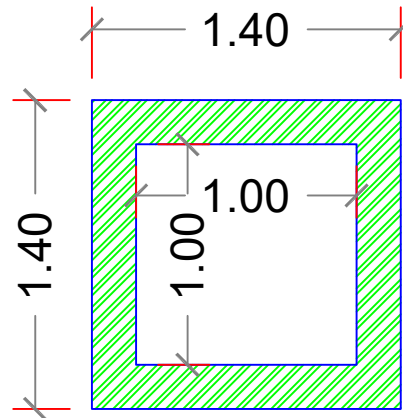
SLAB BEAM SCHEDULE						
BEAM CROSS SECTION	COLUMN SIZE	REINFORCMENT DETAILS				STIRRUPS
		TOP	MID	BOTTOM	CRANK	
	SB1= 200x200 mm	2T-12 mm	-	2T-12mm	2T-10 mm	T-8mm @ 150mm c/c

SLAB SCHEDULE						
NAME OF SLAB	DEPTH OF SLAB IN mm	REINFORCEMENT ALONG SHORT DIRECTION		REINFORCEMENT ALONG LONG DIRECTION		DISTRIBUTION REINFORCEMENT
		AT MID SPAN NEAR BOTTOM FACE	OVER BEAM SUPPORT NEAR TOP FACE	AT MID SPAN NEAR BOTTOM FACE	OVER BEAM SUPPORT NEAR TOP FACE	
S1	125mm	10mm # @ 175mm C/C	10 mm # @ 175mm C/C		-	8 mm # @ 200mm C/C





SECTION OF RAIN HARVESTING



PLAN OF RAIN HARVESTING

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KEY PLAN

DRG TITLE

SECTION OF RAINWATER HARVESTING SYSTEM

PROJECT TITLE

PROPOSED UPGRADATION WORK OF SLRM CENTRE AT WARD NO.-01 KHONGAPANI BELONGS TO NAGAR PANCHAYAT KHONGAPANI,M.C.B,(C.G)

NOS	CA/0126/NF22_4/A7
SCALE	1:600
DATE	12-01-2026

C.M.O PRESIDENT

SUB ENGINEER ARCHITECT

ARCHITECT

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CAPITAL COST FOR SOLID WASTE MANAGEMENT OF KHONGAPANI NAGAR PANCHAYAT,DIST-M.C.B,C.G		
ESTIMATE		
S.NO.	DESCRIPTION	AMOUNT (Rs.)
<b>A</b>	<b>Cost for Compost Plant</b>	
<b>I</b>	<b>Windrow Compost Plant</b>	
1	WINDROW-1 No(4 TPD)	12,19,387.59
2	LEACHATE COLLECTION TANK	77,425.82
3	FENCING	3,13,222.34
4	STORAGE	2,57,816.20
5	RAINWATER HARVESTING	28,004.92
Total a)		18,95,856.86
<b>b)</b>	<b>Machinery/Equipment's (Non Sor Items)</b>	
1	COMPOST TURNER - 1 No	4,95,000.00
2	SURVEILLIANCE CAMERA	17,813.00
3	SHREDDER MACHINE	5,90,000.00
4	WHEEL BARROW - 2 No.	11,000.00
5	COMPOST SIEVE MACHINE	47,500.00
Total b)		11,61,313.00
Add 18% GST		2,09,036.34
Grand Total b)		13,70,349.34
<b>Total of Compost Plant-I (a+b)</b>		<b>32,66,206.20</b>
<b>B</b>	<b>Cost for MRF/SLRM Plant</b>	
<b>I</b>	<b>MRF/SLRM I -W.no-01</b>	
<b>a)</b>	<b>Civil Work ( Sor Items)</b>	
1	REVAMPING OF CIVIL INFRASTRUCTURE	3,18,958.03
2	RAINWATER HARVESTING	28,004.92
3	SHED FOR STORAGE OF BALED & RECYCLABLE MATERIAL	4,74,641.10
Total a)		8,21,604.06
<b>b)</b>	<b>Machinery/Equipment's (Non Sor Items)</b>	
1	BALE TROLLEY - 3 No.	20,400.00
2	FLAT CONVEYOR BELT	1,55,000.00
3	HDPE WHEELED CONTAINER 100 LITRE-10 NO.	13,750.00
4	WEIGHBRIDGE-1 NO.	2,25,000.00



5	SURVEILLANCE CAMERA	17,813.00
6	TURBINE VENTILATOR	15,000.00
Total b)		4,46,963.00
Add 18% GST		80,453.34
Grand Total b)		5,27,416.34
<b>Total of MRF/SLRM-I (a+b)</b>		<b>13,49,020.40</b>
<b>Total Capital Cost (A+B)</b>		<b>46,15,226.60</b>
Contingency @1%		46,152.27
Add Consultancy Charges on Capital Cost @ 1.16%		53,536.63
<b>Grand Total</b>		<b>47,14,915.49</b>

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 Concept Associates  
 Ambikapur

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 Khongapani

**C.M.O**  
 Nagar Panchayat  
 Khongapani

## NAGAR PANCHAYAT KHONGAPANI,M.C.B,C.G

### GENERAL ABSTRACT OF COST FOR REVAMPING WORK OF EXISTING SLRM CENTRE AT WARD NO. 01

Based on C. G. P.W.D S.O.R. IN FORCE FROM 1 JAN 2015

SN	DESCRIPTION OF ITEM	TOTAL
<b>a</b>		
I	REVAMPING OF CIVIL INFRASTRUCTURE	3,18,958.03
II	RAINWATER HARVESTING	28,004.92
III	SHED FOR STORAGE OF BALED & RECYCLABLE MATERIAL	4,74,641.10
<b>Total</b>		<b>8,21,604.06</b>
<b>b</b>	<b>Machinery/Equipment's (Non Sor Items)</b>	
I	BALE TROLLEY - 3 No.	20,400.00
II	FLAT CONVEYOR BELT	1,55,000.00
III	HDPE WHEELED CONTAINER 100 LITRE-10 NO.	13,750.00
IV	WEIGHBRIDGE-1 NO.	2,25,000.00
V	SURVEILLANCE CAMERA	17,813.00
VI	TURBINE VENTILATOR	15,000.00
Total b)		4,46,963.00
Add 18% Gst		80,453.34
Grand Total b)		5,27,416.34
<b>Total of MRF/SLRM-I (a+b)</b>		<b>13,49,020.40</b>

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**NAGAR PANCHAYAT KHONGAPANI,M.C.B,C.G**

**DETAILED ESTIMATE FOR REVAMPING WORK OF EXISTING SLRM CENTRE AT WARD NO.01**

Based on C. G. P.W.D ROAD S.O.R. IN FORCE FROM 1 JAN 2015

SN	DESCRIPTION OF ITEM	NO	MEASUREMENT			QTY	RATE	UNIT	AMOUNT
			L	B	H/D				
I	II	III	IV	V	VI	VII	VIII	IX	X
3	Providing and applying Acrylic washable Distemper or lite economy Plastic emulsion paint having VOC content less than 50gms/ lit Minimum two coats up to final finish applied @ 1.25 Kg/ 10Sqm as per relevant L.S. Code 428:2000 (product such as Tractor Uno, Dulux Duval, Berger Bison, Opus Style/lite economy emulsion product such as Asian Tactor Spark Dulux Pomise sheen, Neroloc Litol Master, Berger Bison Lite, Nippon Superio.) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour complete for the work.								
	As per Ammendment no 08, 05/05/2025 item no.14.62								
		1	2	24.00	0.90	43.20			
		1	4	3.00	3.00	36.00			
		1	3	10.00	3.00	90.00			
		1	1	10.00	0.90	9.00			
	<b>Subtotal</b>					<b>178.20</b>			
	<b>Deductions</b>								
	D2(3000X900)		1	3.00	0.90	2.70			
	D3(900X2100)		3	0.90	2.10	5.67			
	<b>Subtotal</b>					<b>8.37</b>			
<b>total</b>						<b>169.83</b>	<b>64.00</b>	<b>sqm</b>	<b>10,869.12</b>
4	Providing and applying on exterior surface with ECONOMY Exterior Emulsion paint of required shades to give protective and water proof finish minimum three coats applied @ 1.43 lit / 10Sqm up to final finish as per relevant I.S. Code 15489:2013 Type -2 Class D,C (Glossy /Semi Glossy finish ) (Product such as Asian Ace,Dulux Promise Exterior Berger Wall Masta ,Nerolac Suraksha Plus , Nippon Shogun Opus, One Style Power Bright) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour etc. complete for the work (With 2 Year Warranty)								
	As per Ammendment no 08, 05/05/2025 item no.14.67								
		1	2	24.20	0.90	43.56			
		1	1	10.40	0.90	9.36			
		1	1	10.40	3.00	31.20			
		1	2	3.20	3.00	19.20			
		1	2	32.80	0.80	52.48			
		1	2	6.80	0.80	10.88			
		1	2	38.60	0.80	61.76			
		1	2	17.80	0.80	28.48			
	<b>Subtotal</b>					<b>256.92</b>			
	<b>Deductions</b>								
	D2(3000X900)		1	3.00	0.90	2.70			
	D1(3500X1500)		1	3.50	1.50	5.25			
	<b>Subtotal</b>					<b>7.95</b>			
<b>total</b>						<b>248.97</b>	<b>70.00</b>	<b>sqm</b>	<b>17,427.90</b>
3	12.49 25 mm thick KOTA stone slab flooring over 20mm (Average) thick base of cement mortar 1:4 laid over and jointed with grey cement slurrymixed with pigment to match the shade of the slab including grinding rubbing and polishing etc. complete (Area of slab to be over 0.20 sqm and upto 0.50 sqm)								

	Flooring		1	27.00	10.00		270.00				
	total						270.00	897.00	sqm	2,42,190.00	
4	19.42 Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank  PWD S.O.R.-P-184/I-19.42		1	1200.00			1200.00				
	total						1200.00	7.30	Litre	8,760.00	
5	16.3 Demolishing brick masonry including arches, stacking of serviceable material disposal of unserviceable material within 50 metres lead. 16.3.3 In cement mortar.		1	10.40	0.2	0.80	1.66				
			1	2.45	0.2	0.80	0.39				
	total						2.06	263.00	cum	540.73	
										Total	2,79,787.75
										Add 6% for Electrical Work & 8 % For plumbing work	39,170.28
										Grand Total	3,18,958.03

Based on C. G. P.W.D ROAD S.O.R. IN FORCE FROM 1 JAN 2015

SN	DESCRIPTION OF ITEM	1	NO	MEASUREMENT			QTY	RATE	UNIT	AMOUNT
				L	B	H/D				
I	II		III	IV	V	VI	VII	VIII	IX	X
1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.  [PWD SOR I - 8 , P-1.1]		1	1.40	1.40	1.50	2.94			
	<b>total</b>						<b>2.94</b>	<b>185.00</b>	<b>cum</b>	<b>543.90</b>
2	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in all works upto floor five level excluding cost of form work. (i) 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size) [S.O.R. Page no.23 Item no 3.1.3]		1 1	1.00 1.00	0.30 0.30	0.15 0.15	0.05 0.05			
	<b>total</b>						<b>0.09</b>	<b>2970.00</b>	<b>cum</b>	<b>267.30</b>
3	Brick work with modular well burnt clay bricks of crushing strength not less than 25 kg/sqcm and water absorption not more than 20% in foundation and plinth in: Cement Mortar 1:6 (1 Cement : 6 Coarse Sand) [S.O.R. Page no.44 Item no 7.2.2]		2 2	1.00 1.00	0.20 0.20	1.50 1.50	0.60 0.60			
	<b>total</b>						<b>1.20</b>	<b>3635.00</b>	<b>cum</b>	<b>4,362.00</b>
4	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete. [S.O.R. Page no. 9 Item no. 1.18]		1	1.00	1.00	1.40	1.40			
	<b>total</b>						<b>1.40</b>	<b>371.00</b>	<b>cum</b>	<b>519.40</b>
5	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ) [S.O.R. Page no. 16 Item no. 2.1.7]		4	1.40	1.50	-	8.40	235.00		
	<b>total</b>						<b>8.40</b>	<b>235.00</b>	<b>sqm</b>	<b>1,974.00</b>
6	Providing and laying nominal mix reinforcement cement concrete with crushed stone aggregate using concrete mixer in all works upto floor five level excluding cost of reinforcement and form work. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size). [PWD SOR Page No. 23 I No. 3.2.1]		1	1.40	1.40	0.15	0.29			
	<b>total</b>						<b>0.29</b>	<b>4163.00</b>	<b>cum</b>	<b>1,223.92</b>
7	Providing and placing in position cold tor steel and hot rolled deform steel reinforcement of R.C.C. work including cutting binding etc. complete as per drawing including cost of binding wire and all wastages etc. complete. P.W.D S.O.R.-P-24/I-3.12.1		-	-	-	-	23.20			
	<b>total</b>						<b>23.20</b>	<b>54.50</b>	<b>Kg</b>	<b>1,264.40</b>
8	providing, laying and jointing following UPVC pipes with solvent cement joint for 4, 6, 8 and 10 Kg / sqm pressures including, testing of joints. complete in all respect.	1	1	50.00	-	-	50.00	357.00		
	<b>total</b>						<b>50.00</b>	<b>357.00</b>	<b>mtr</b>	<b>17,850.00</b>
									<b>Total</b>	<b>28,004.90</b>

**NAGAR PANCHAYAT KHONGAPANI,M.C.B,C.G**

**DETAILED ESTIMATE FOR CONSTRUCTION OF SHED FOR BALED & RECYCLABLE MATERIAL AT EXISTING SLRM CENTER AT WARD  
NO.-01(5.00MX6.00M)**

Based on C. G. P.W.D BUILDING S.O.R. IN FORCE FROM 1 JAN 2015

SN	DESCRIPTION OF ITEM	NOS	MEASUREMENT			QTY	RATE	UNIT	AMOUNT
			L	B	H/D				
I	II	III	IV	V	VI	VII	VIII	IX	X
<b>(i) Foundation level of Ground Floor</b>									
<b>1</b>	1.1 Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and level  1.1.1 In all types of soils. F1(1500X1500)	8	1.50	1.50	1.50	27.00			
	<b>total</b>					<b>27.00</b>	<b>185.00</b>	<b>cum</b>	<b>4,995.00</b>
<b>2</b>	1.18 Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc complete.  F1(1500X1500)	8	1.50	1.50	0.10	1.80			
	<b>total</b>					<b>1.80</b>	<b>371.00</b>	<b>cum</b>	<b>667.80</b>
<b>3</b>	3.1 Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.  3.1.3 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size). F1(1500X1500)	8	1.50	1.50	0.15	2.70			
	<b>total</b>					<b>2.70</b>	<b>2970.00</b>	<b>cum</b>	<b>8,019.00</b>
<b>4</b>	2.1 Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal  2.1.1 Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.  <b>Footing</b> F1(1500X1500)  C1(200X300)  <b>Ground Beam</b> PB1(200X300) PB2(200X300)	2 2 2 2  2 2 2	8 8 8 8  4 4 1	1.20   0.30  2.55 2.20 5.40	0.20  0.20 1.30 1.30  0.30 0.30 0.30	3.84 3.84 4.16 6.24  6.12 5.28 3.24			
	<b>total</b>					<b>32.72</b>	<b>139.00</b>	<b>sqm</b>	<b>4,548.85</b>
<b>5</b>	3.2 Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works up to plinth level excluding cost of form work  3.2.1 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size). <b>Column</b> F1(1500X1500) 0.3/6*((1.2*1.2)+(0.3*0.2)+(4*((1.2+0.3)/2*((1.2+0.2)/2)))  C1(200X300)  <b>Sub Total</b>  <b>Ground beam</b> X-WALL L-WALL  <b>Sub Total</b>	8 8  8  4 4 1	1.20   0.20  2.55 2.20 5.40	1.20   0.30  0.20 0.20 0.20	0.20   1.30  0.30 0.30 0.30	2.30 1.44  0.62  0.61 0.53 0.32			
	<b>total</b>					<b>5.83</b>	<b>4163.00</b>	<b>cum</b>	<b>41,421.85</b>

SN	DESCRIPTION OF ITEM	NOS	MEASUREMENT			QTY	RATE	UNIT	AMOUNT
			L	B	H/D				
I	II	III	IV	V	VI	VII	VIII	IX	X
6	3.12 Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation  3.12.1 Thermo-Mechanically treated bars FE 415 (1.5% of R.C.C. area)		5.83	1.50	78.50	686.72			
	<b>total</b>					<b>1171.61</b>	<b>54.50</b>	<b>Kg</b>	<b>63,852.75</b>
7	1.17 Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead upto 50 M. and lift upto 1.5 M.  Total qty of excavation - sand filling+PCC+RCC upto GL					18.13			
	<b>total</b>					<b>18.13</b>	<b>65.00</b>	<b>cum</b>	<b>1,178.58</b>
8	7.5 Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in: 7.5.4 Cement Mortar 1:6 (1 cement : 6 coarse sand) Below plinth	4 4 1	2.55 2.20 5.40	0.20 0.20 0.20	0.60 0.60 0.60	1.22 1.06 0.65			
	<b>total</b>					<b>2.93</b>	<b>3263.00</b>	<b>cum</b>	<b>9,554.06</b>
9	2.1 Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal 2.1.5 Columns, Pillars, Piers and likes- rectangular or square in shape <b>Column</b> C1(200X300)	2 2	8 8	0.20 0.30	3.50 3.50	11.20 16.80			
	<b>total</b>					<b>28.00</b>	<b>297.00</b>	<b>sqm</b>	<b>8,316.00</b>
11.1	2.1.8 Beams, lintels, cantilevers & walls <b>Lintel Beam</b> LB1 LB2	2 2	2 6	1.80 1.20	0.15 0.15	1.08 2.16			
	<b>total</b>					<b>3.24</b>	<b>202.00</b>	<b>sqm</b>	<b>654.48</b>
10	3.2 Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works up to plinth level excluding cost of form work 3.2.1 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size). <b>Column</b> C1(200X300) <b>Lintel Beam</b> LB1 LB2	8 2 6	0.20 1.80 1.20	0.30 0.20 0.20	3.50 0.15 0.15	1.68 0.11 0.22			
	<b>total</b>					<b>2.00</b>	<b>4163.00</b>	<b>cum</b>	<b>9,824.68</b>
11	3.12 Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete:  3.12.1 Thermo-Mechanically treated bars FE 415 (1.5% of R.C.C. area)		2.00	1.50	78.50	277.89			
	<b>total</b>					<b>277.89</b>	<b>54.50</b>	<b>Kg</b>	<b>15,145.01</b>

SN	DESCRIPTION OF ITEM	NOS	MEASUREMENT			QTY	RATE	UNIT	AMOUNT
			L	B	H/D				
I	II	III	IV	V	VI	VII	VIII	IX	X
12	7.5 Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in: 7.5.4 Cement Mortar 1:6 (1 cement : 6 coarse sand) 7.6 Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth: <b>PWD S.O.R.-P-45/I-7.5+7.6</b> Above Plinth	4	2.55	0.20	3.50	7.14			
		4	2.20	0.20	3.50	6.16			
		1	5.40	0.20	3.50	3.78			
	<b>Subtotal</b>					<b>17.08</b>			
	Deductions								
	D1(1800X2100)	2	1.80	0.20	2.10	1.51			
	W1(1200X1200)	6	1.20	0.20	1.20	1.73			
	<b>Subtotal</b>					<b>3.24</b>			
	<b>total</b>					<b>13.84</b>	<b>3384.00</b>	<b>cum</b>	<b>46,834.56</b>
13	8.52 Providing, and fixing M.S. round and square bars with MS flat of required pattern in wooden frames for windows & clerestory windows including applying a priming coat of red oxide zinc chromate primer, welding etc complete  8.52.1 Plain grill W1(1200X1200)	6	1.20	0.20	1.20	1.73			
	<b>total</b>					<b>1.73</b>	<b>68.00</b>	<b>Kg</b>	<b>117.50</b>
14	<b>Plaster</b>								
	<b>Internal Plaster</b>								
	Store Room	1	2	6.00	3.50	42.00			
		1	2	5.00	3.50	35.00			
	<b>subtotal</b>					<b>77.00</b>			
	<b>Deductions</b>								
	D1(1800X2100)	2	1.80		2.10	7.56			
	W1(1200X1200)	6	1.20		1.20	8.64			
	<b>subtotal</b>					<b>16.20</b>			
	<b>Total Internal Plaster</b>					<b>60.80</b>		<b>sqm</b>	
	<b>External Plaster</b>								
	External Wall	2	6.40		3.50	44.80			
		2	5.40		3.50	37.80			
	<b>subtotal</b>					<b>82.60</b>		<b>sqm</b>	
	<b>Deductions</b>								
	D1(1800X2100)	2	1.80		2.10	7.56			
	W1(1200X1200)	6	1.20		1.20	8.64			
	<b>subtotal</b>					<b>16.20</b>			
	<b>Total External Plaster</b>					<b>66.40</b>		<b>sqm</b>	
	<b>Total Quantity of Plaster (External+Internal)</b>					<b>127.20</b>		<b>sqm</b>	
14.1	11.2 Providing and making 12mm thick cement plaster of mix: 11.2.3 In Cement Mortar 1:5 (1 cement : 5 fine sand)					<b>60.80</b>			
	<b>total</b>					<b>60.80</b>	<b>91.50</b>	<b>sqm</b>	<b>5,563.20</b>
14.2	11.3 Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:  11.3.3 In Cement Mortar 1:5 (1 cement : 5 fine sand)					66.40			
	<b>total</b>					<b>66.40</b>	<b>113.00</b>	<b>sqm</b>	<b>7,503.20</b>



SN	DESCRIPTION OF ITEM	NOS	MEASUREMENT			QTY	RATE	UNIT	AMOUNT
			L	B	H/D				
I	II	III	IV	V	VI	VII	VIII	IX	X
15	12.4 52 mm thick cement concrete flooring with under layer of 40mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) and top layer of 12 mm thick cement metallic hardener concrete mix 1:2 (1 cement hardener mix : 2 stone aggregate of 6 mm size by volume) with metallic hardening compound of approved quality mixed with cement in ratio of 4:1 (4 cement : 1 metallic floor hardening compound by weight) including finishing etc. complete.								
		1	6.00	5.00		30.00			
	<b>total</b>					<b>30.00</b>	<b>441.00</b>	<b>sqm</b>	<b>13,230.00</b>
16	9.15 Providing and fixing M.S. grill of approved pattern made of M.S. flats or square or round bars welded to steel frame of windows etc. including applying a priming coat welded to frame with all necessary fitting complete including applying a priming of red oxide zinc chromate primer.  <b>PWD S.O.R.-P-81/I-9.15</b> W1(1200X1200)  _@15.0Kg/sqm approx	6	1.20		1.20	8.64 8.64 124.85			
	<b>total</b>					<b>124.85</b>	<b>67.50</b>	<b>KG</b>	<b>8,427.24</b>
17	9.47 Providing and fixing aluminium work for doors, windows, ventilators and partitions made out of extruded aluminium standard sections (main section with minimum 1.5mm thickness) conforming to IS: 733, IS: 1285 mitred and jointed mechanically including aluminium cleats, neoprene weather stripping gasket beveled edge beading, screws duly fixed in wall/ floor with fixing clips or hold 9.47.2 For shutter of doors, windows & ventilators including providing and making provision for fixing of fitting wherever required including the cost of PVC/ neoprene gasket required (Fittings shall be paid for separately).  <b>PWD S.O.R.-P-85/I-9.47.2</b> W1(1200X1200)  _@5.0Kg/sqm approx	6	1.20		1.20	8.64 8.64 43.20			
	<b>total</b>					<b>43.20</b>	<b>338.00</b>	<b>Kg</b>	<b>14,601.60</b>
18	9.51 Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC/ neoprene gasket etc. complete. (Cost of aluminium snap beading shall be paid in basic item): 9.51.1 With float glass panes of 5 mm thickness W1(1200X1200)	6	1.20		1.20	8.64			
	<b>total</b>					<b>8.64</b>	<b>611.00</b>	<b>sqm</b>	<b>5,279.04</b>
19	Providing and applying Aluminium paint minimum 2 coats in all metal surface applying @ 0.75 li/ 10 Sqm up to required finish as per relevant I.S. code 2932: 2013 of (Product such as Asian Apcolite aluminium paint, Dulux Aluminium paint, Burger Superior Aluminium Paint) with all tools tackle and labour etc. complete for the work  <b>As per Ammendment no 08, 05/05/2025 item no.14.76</b>								

SN	DESCRIPTION OF ITEM	NOS	MEASUREMENT			QTY	RATE	UNIT	AMOUNT
			L	B	H/D				
I	II	III	IV	V	VI	VII	VIII	IX	X
	Grill W1(1200X1200) DOOR	6 2	1.2 2.5		1.2 2.1	8.64 10.50			
	<b>total</b>					<b>19.14</b>	<b>43.00</b>	<b>sqm</b>	<b>823.02</b>
20	14.56 Providing and applying 2mm thick white cement based polymeric Exterior grade Putty with minimum 3 coats applied @ 5.4 kg/ 10Sqm as per relevant IS code 17545:2021 (Product such as Birla wall care, Asian trucare,JK wall putty, Berger Bison wall putty) to make the surface smooth and even with all tools tackles and labour etc. complete for the work  <b>As per Ammendment no 08, 05/05/2025 item no.14.56</b>								
					Area of internal Plaster Area of External Plaster	60.80 66.40			
	<b>total</b>					<b>60.80</b>	<b>86.00</b>	<b>sqm</b>	<b>5,228.80</b>
21	14.59 Providing and applying Polymaric cement primer on all surface applied @ 0.80 litres/10 sqm as per relevant IS. code 15489:1974 (product such as Birla white primacoat/activcoat, Asian Trucare , Dulux interior cement primer, Opus Calista / I10) with all tool tackles and labour etc. complete for the work.  <b>As per Ammendment no 08, 05/05/2025 item no.14.59</b>								
					Area of internal Plaster	60.80			
	<b>total</b>					<b>60.80</b>	<b>29.00</b>	<b>sqm</b>	<b>1,763.20</b>
22	14.63 Providing and applying Economy Plastic emulsion paint with roller application minimum three coats applied @ 1.25 lit / 10 Sqm up to final finish as per relevant I.S. Code 15489:2013_Type -1 Class D & C (Glossy and Semi Glossy Finish) of required shade (product such as Tractor emulsion, Dulux Promise, Nerolac Bueaty Silver, Berger bison/breeze , Opus I30/ Style Paint) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour complete for the work . (With 2 Year warranty).  <b>As per Ammendment no 08, 05/05/2025 item no.14.63</b>								
					Area of internal Plaster	60.80			
	<b>total</b>					<b>60.80</b>	<b>74.00</b>	<b>sqm</b>	<b>4,499.20</b>
23	14.67 Providing and applying on exterior surface with ECONOMY Exterior Emulsion paint of required shades to give protective and water proof finish minimum three coats applied @ 1.43 lit / 10Sqm up to final finish as per relevant I.S. Code 15489:2013 Type -2 Class D,C (Glossy /Semi Glossy finish ) (Product such as Asian Ace,Dulux Promise Exterior Berger Wall Masta ,Nerolac Suraksha Plus , Nippon Shogun Opus, One Style Power Bright) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour etc. complete for the work (With 2 Year Warranty)  <b>As per Ammendment no 08, 05/05/2025 item no.14.67</b>								
					Area of External Plaster	66.40			
	<b>total</b>					<b>66.40</b>	<b>70.00</b>	<b>sqm</b>	<b>4,648.00</b>

SN	DESCRIPTION OF ITEM	NOS	MEASUREMENT			QTY	RATE	UNIT	AMOUNT
			L	B	H/D				
I	II	III	IV	V	VI	VII	VIII	IX	X
24	<p>9.3 Steel work in tubular (round, square or rectangular hollow tubes etc.) structure in built-up sections, trusses and frame work including cutting, hoisting, fixing in position upto a height of 5m above plinth level, consisting of columns trusses, roof and bottom purlins, base plate, holding down bolts, wind ties bracing (if required), bolts, nuts and washers for fastening etc. complete with applying a priming coat of red oxide zinc chromate primer.</p> <p>9.3.1 Electric resistance or induction butt welded tubes Grade-250</p> <p><b>PWD S.O.R.-P-80/I-9.3.1</b></p> <p>Truss On Store Room</p> <p>Tie Beam 50mm dia @6.19Kg/meter</p> <p>Rafter 50mm dia @6.19Kg/meter</p> <p>Intermediate members 50mm dia @6.19Kg/meter</p> <p>Purlins 40mm dia @ 4.37Kg/meter</p> <p>Gusset Plate, Fixing Bolt and Base Plate Etc</p>	4	1	7.00	6.19	-	173.32		
		4	2	3.71	6.19	-	183.72		
		4	2	4.20	6.19	-	207.98		
		2	2	6.00	4.37	-	104.88		
							80.00		
	<b>total</b>					<b>749.90</b>	<b>88.50</b>	<b>Kg</b>	<b>66,366.15</b>
25	<p>10.12 Supply and fixing of polymer precoated galvalume profile sheets (PPGL) of approved size, shape and pitch of corrugation, total coated thickness (TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.</p> <p><b>PWD S.O.R.-P-91/I-10.12</b></p> <p>Roofing</p>	2	3.7	6		44.4			
	<b>total</b>					<b>44.40</b>	<b>693.00</b>	<b>sqm</b>	<b>30,769.20</b>
26	<p>10.16 Providing and fixing precoated galvanised steel sheet roofing accessories</p> <p>0.50 mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws or with polymer coated J or L hooks, bolts and nuts and or G.I. seam bolts and nuts, G.I. plain and bitumen washers complete :</p> <p>10.16.1 Ridges plain (500-600mm)</p> <p>Ridge</p>	1	6			6			
	<b>total</b>					<b>6.00</b>	<b>552.00</b>	<b>mtr</b>	<b>3,312.00</b>
27	<p>10.16.6 Gutter. (600 mm over all girth).</p> <p>Gutter</p>	2	6			12			
	<b>total</b>					<b>12.00</b>	<b>629.00</b>	<b>mtr</b>	<b>7,548.00</b>

SN	DESCRIPTION OF ITEM	NOS	MEASUREMENT			QTY	RATE	UNIT	AMOUNT
			L	B	H/D				
I	II	III	IV	V	VI	VII	VIII	IX	X
28	18.76 Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS : 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion etc complete.  <b>18.76.2 110 mm dia pipe.</b> Rain water Pipe	4	3.5			14			
<b>total</b>						<b>14.00</b>	<b>267.00</b>	<b>mtr</b>	<b>3,738.00</b>
29	9.16 Providing and fixing M.S. frames of doors, windows, ventilators and cupboards joints mitred and welded with 15x3 mm lugs 10cm long embedded in cement concrete blocks 15x10x10cm of grade M-10 or with wooden plugs and screws or with dash fastener or rawl plugs and screws or with fixing clips or with bolts and nuts as required including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer.  9.16.3 M.S tubular frames  <u>@30.0Kg/sqm approx</u>	2	2.50		2.10	10.50 315.00			
<b>total</b>						<b>315.00</b>	<b>80.50</b>	<b>KG</b>	<b>25,357.50</b>
<b>Total</b>									<b>4,23,786.70</b>
<b>Add 12% Ground floor electrical Works (i*12/100)</b>									<b>50,854.40</b>
<b>Total</b>									<b>4,74,641.10</b>

## NAGAR PANCHAYAT KHONGAPANI,M.C.B,C.G

### GENERAL ABSTRACT OF COST FOR REVAMPING WORK OF EXISTING SLRM CENTRE AT WARD NO. 01

SN	DESCRIPTION OF ITEM	TOTAL
<b>a</b>	<b>Machinery/Equipment's (Non Sor Items)</b>	
I	BALE TROLLEY - 3 No.	20,400.00
II	FLAT CONVEYOR BELT	1,55,000.00
III	HDPE WHEELED CONTAINER 100 LITRE-10 NO.	13,750.00
IV	WEIGHBRIDGE-1 NO.	2,25,000.00
V	SURVEILLANCE CAMERA	17,813.00
VI	TURBINE VENTILATOR	15,000.00
	Total a)	4,46,963.00
	Add 18% Gst	80,453.34
	Grand Total a)	5,27,416.34

**Architect**  
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Khongapani

## NAGAR PANCHAYAT KHONGAPANI,M.C.B,C.G

### GENERAL ABSTRACT OF COST FOR PROPOSED WINDROW COMPOST PLANT

Based on C. G. P.W.D S.O.R. IN FORCE FROM 1 JAN 2015

SN	DESCRIPTION OF ITEM	TOTAL
<b>a</b>		
I	WINDROW-1 No(4 TPD)	12,19,387.59
II	LEACHATE COLLECTION TANK	77,425.82
III	FENCING	3,13,222.34
IV	STORAGE	2,57,816.20
V	RAINWATER HARVESTING	28,004.92
<b>Total</b>		<b>18,95,856.86</b>
<b>b</b>	<b>Machinery/Equipment's (Non Sor Items)</b>	
I	COMPOST TURNER - 1 No	4,95,000.00
II	SURVEILLIANCE CAMERA	17,813.00
III	SHREDDER MACHINE	5,90,000.00
IV	WHEEL BARROW - 2 No.	11,000.00
V	COMPOST SIEVE MACHINE	47,500.00
Total b)		11,61,313.00
Add 18% Gst		2,09,036.34
Grand Total b)		13,70,349.34
<b>Total of MRF/COMPOST-I (a+b)</b>		<b>32,66,206.20</b>

**Architect**  
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	F1(1500X1500)	4	14	1.30		0.40	29.12			
	<b>Column upto G L</b>									
	C1(300X300)	4	14	0.30		1.10	18.48			
	<b>Column above G L</b>									
	C1(300X300)	4	14	0.30		0.35	5.88			
	<b>Ground Beam</b>									
	L Wall	2	10	3.49		0.40	27.92			
		2	2	3.45		0.40	5.52			
	X Wall	2	2	8.60		0.40	13.76			
	<b>total</b>						<b>100.68</b>	<b>139.00</b>	<b>sqm</b>	<b>13994.52</b>
<b>5</b>	3.2 Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works up to plinth level excluding cost of form work									
	3.2.1 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).									
	<b>F1(1500X1500)</b>		14	1.30	1.30	0.40	9.46			
	Column uptoGround Level		14	0.30	0.30	1.10	1.39			
	<b>Subtotal a</b>						<b>10.85</b>			
	<b>Column upto G L</b>									
	C1(300X300)		14	0.30	0.30	0.35	0.44			
	<b>Subtotal b</b>						<b>0.44</b>			
	<b>Ground Beam</b>									
	L Wall		10	3.49	0.30	0.40	4.19			
			2	3.45	0.30	0.40	0.83			
	X Wall		2	8.60	0.30	0.40	2.06			
	<b>Subtotal d</b>						<b>7.08</b>			
	<b>total</b>						<b>18.37</b>	<b>4163.00</b>	<b>cum</b>	<b>76478.47</b>
<b>6</b>	3.12 Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete:									
	3.12.1 Thermo-Mechanically treated bars FE 415									
	Qty. As Per Item No. 6						18.37			
	80kg/cum						1469.68			
	<b>total</b>						<b>1469.68</b>	<b>54.50</b>	<b>Kg</b>	<b>80097.56</b>
<b>7</b>	1.17 Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead upto 50 M.									
	Total qty of excavation - sand filling+PCC+RCC upto GL						48.18			
	<b>total</b>						<b>48.18</b>	<b>65.00</b>	<b>cum</b>	<b>3131.51</b>
<b>9</b>	11.2 Providing and making 12mm thick cement plaster of mix:									
	11.2.4 In Cement Mortar 1:6 (1 cement : Column		14	1.20		0.35	5.88			
	<b>total</b>						<b>5.88</b>	<b>91.50</b>	<b>sqm</b>	<b>538.02</b>



10	11.3 Providing and making 15mm thick cement plaster on the rough side of 11.3.3 In Cement Mortar 1:5 (1 cement : External Beam	2 2	1 1	9.20 23.00	0.40 0.40	7.36 18.40			
<b>total</b>						<b>25.76</b>	<b>113.00</b>	<b>sqm</b>	<b>2910.88</b>
11	12.3 Cement concrete flooring with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm) finished with a floating coat of neat cement.  50 mm thick		1	23.00	9.20	211.60			
<b>total</b>						<b>211.60</b>	<b>254.00</b>	<b>cum</b>	<b>53746.40</b>
12	14.53 White washing/ Colour washing with lime to give an even Sqm shade in Three or more Coats for New surface as per relevant IS code 6278:1971 Consumption of lime 3.50kg /10 Sqm with all tools tackles and labour etc. complete for the work.  <b>As per Ammendment no 08, 05/05/2025 item no.14.53</b>								
						<b>31.64</b>	<b>14.00</b>	<b>sqm</b>	<b>442.96</b>
13	14.62 Providing and applying Acrylic washable Distemper or lite economy Plastic emulsion paint having VOC content less than 50gms/ lit Minimum two coats up to final finish applicd @ 1.25 Kg/ 10Sqm as per relevant L.S. Code 428:2000 (product such as Tractor Uno, Dulux Duval, Berger Bison, Opus Style/lite economy emulsion product such as Asian Tactor Spark Dulux Pomise sheen, Neroloc Litol Master, Berger Bison Lite, Nippon Superio.) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour complete for the work  <b>As per Ammendment no 08, 05/05/2025 item no.14.62</b>  <b>Area of Internal Plaster</b>			5.88		5.88			
<b>total</b>						<b>5.88</b>	<b>64.00</b>	<b>sqm</b>	<b>376.32</b>

14	14.67 Providing and applying on exterior surface with ECONOMY Exterior Emulsion paint of required shades to give protective and water proof finish minimum three coats applied @ 1.43 lit / 10Sqm up to final finish as per relevant I.S, Code 15489:2013 Type -2 Class D,C (Glossy /Semi Glossy finish ) (Product such as Asian Ace,Dulux Promise Exterior Berger Wall Masta ,Nerolac Suraksha Plus ,Nippon Shogun Opus, One Style Power Bright) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour <b>As per Ammendment no 08, 05/05/2025 item no.14.67</b>  <b>Area of External Wall</b>									
				25.76			25.76			
	<b>total</b>						<b>25.76</b>	<b>70.00</b>	<b>sqm</b>	<b>1803.20</b>
15	9.3 Steel work in tubular (round, square or rectangular hollow tubes etc.) structure in built-up sections, trusses and frame work including cutting, hoisting, fixing in position upto a height of 5m above plinth level, consisting of columns trusses, roof and 9.3.1 Electric resistance or induction butt welded tubes Grade-250 <b>PWD S.O.R.-P-80/I-9.3.1</b> Pole @38.90kg/meter Truss On Processing Shed Tie Beam 50mm dia @6.19Kg/meter Rafter 50mm dia @6.19Kg/meter Intermediate members 50mm dia @6.19Kg/meter Purlins 40mm dia @ 4.37Kg/meter ( On Top) Gusset Plate, Fixing Bolt and Base Plate Etc									
		1	14	4.65	38.90	-	2532.39			
		7	1	10.20	6.19	-	441.97			
		7	2	5.17	6.19	-	448.03			
		7	2	9.70	6.19	-	840.60			
		3	2	24.00	4.37	-	629.28			
		10%					489.23			
	<b>total</b>						<b>5381.50</b>	<b>93.50</b>	<b>Kg</b>	<b>503169.97</b>

16	10.12 Supply and fixing of polymer pre-coated galvalume profile sheets (PPGL) of approved size, shape and pitch of corrugation, total coated thickness (TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.								
	<b>PWD S.O.R.-P-91/I-10.11</b> Roofing	2	24.00	5.17		248.16			
	<b>total</b>					<b>248.16</b>	<b>693.00</b>	<b>sqm</b>	<b>171974.88</b>
17	10.16 Providing and fixing pre-coated galvanised steel sheet roofing accessories 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns 10.16.1 Ridges plain (500-600mm) Ridge	1	24.00			24.00			
	<b>total</b>					<b>24.00</b>	<b>552.00</b>	<b>mtr</b>	<b>13248.00</b>
18	10.16.6 Gutter. (600 mm over all girth).  Gutter	2	24.20			48.40			
	<b>total</b>					<b>48.40</b>	<b>629.00</b>	<b>mtr</b>	<b>30443.60</b>
15	Providing and applying Aluminium paint minimum 2 coats in all metal surface applying @ 0.75 li/ 10 Sqm up to required finish as per relevent I.S. code 2932: 2013 of (Product such as Asian Apcolite aluminium paint, Dulux Aliminium paint, Burger Superior Aluminium Paint) with all tools tackle and labour etc. complete for the work <b>As per Ammendment no 08, 05/05/2025 item no.14.76</b> On Steel Structure pole	1.5	2	65.10		195.30			

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# NAGAR PANCHAYAT KHONGAPANI,M.C.B,C.G

## DETAILED ESTIMATE FOR CONSTRUCTION OF LEACHATE TANK AT WINDROW COMPOST PLANT

Based on C. G. P.W.D BUILDING S.O.R. IN FORCE FROM 1 JAN 2015

SN	DESCRIPTION OF ITEM	NOS	MEASURE			QTY	RATE	UNIT	AMOUNT
			L	B	H/D				
1	Excavation for all types and sizes of foundations trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at teats 5m away from the excavated area), including dressing and leveling of pits. 1.1.1) In all types of soil								
	(BUILDING SOR ITEM NO.-1.1/9)	1	5.7	2.7	2.1	32.32	185	CUM	5979.015
2	Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm. In depth consolidation each deposited layer by ramming and watering with a lead upto 50M. And lift upto 1.5M.								
	Excavated Area-	1	5.7	2.7	2.1	32.319			
	Deduction Tank Area-	-1	5.4	2.4	1.5	-19.44			
	P.C.C.-	-1	5.7	2.7	0.15	-2.3085			
	(BUILDING SOR ITEM NO.-1.17/11)					10.5705	65	CUM	687.0825
3	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.								
	(BUILDING SOR ITEM NO.- 1.18/11)	1	5.7	2.7	0.15	2.3085	371	CUM	856.4535
4	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of from work. 3.1.3) 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).								
	(BUILDING SOR ITEM NO.- 3.1.3/23)	1	5.7	2.7	0.15	2.3085	2970	CUM	6856.245
5	Providing and laying nominal mix reinforcement cement concrete with crushed stone aggregate using concrete mixer in all works upto floor five level excluding cost of reinforcement and form work. 3.2.1) 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
	Bottom Slab-	1	5.4	2.4	0.15	1.944			
	Top Slab-	1	5.4	2.4	0.15	1.944			
	Deduction-	-2	0.6	0.6	0.15	-0.108			
	(BUILDING SOR ITEM NO.- 3.2.1/23)					3.78	4163	CUM	15736.14
6	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.								
	Bottom Slab-	1	14.4	-	0.15	2.16			
	(BUILDING SOR ITEM NO.- 2.1.1/16)					2.16	139	SQ.M	300
7	2.1.7) Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)								
	Top Slab-	1	5.4	2.4	-	12.96			
	side	1	14.4	-	0.15	2.16			
	Deduction-	-2	0.6	0.6	-	-0.72			
	(BUILDING SOR ITEM NO.-2.1.7/16)					14.4	235	SQM	3384
8	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting bending binding etc. complete as per drawings including cost of binding wire all complete: Thermo-Mechanically treated bars FE 415								
	Qty.as per item no. 5					3.78			
	(BUILDING SOR ITEM NO.-3.12.1/24)	80 kg/cum				302.4	54.5	KG	16480.8
9	Brick work with modular fly-ash lime bricks (FALG Bricks) confirming to IS:12894-2002 of class designation 40 in foundation and plinth in:								
	(SOR. ITEM NO.- 7.5.4/45)								
	Cement Mortar 1:6 (1 cement : 6 coarse sand )								
	Extra for brick work in superstructure:								

[illegible]

Based on sor for Building works w.e.f. 01.01.2015

Based on sor for Building works w.e.f. 01.01.2015

	Above Ground Level Main Wall Along Road		1	105.00	0.20	0.55	11.55			
	Deduct		44	0.20	0.20	0.55	-0.96			
	<b>total</b>						<b>10.59</b>	<b>3263.00</b>	<b>cum</b>	<b>34547.01</b>
7	Providing and laying damp proof course (upto 50mm thick) with plain cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded crushed stone aggregate 20mm nominal size) including form work. PWD S.O.R.-P-24/I-3.13									
	<b>PWD S.O.R.-P-24/I-3.13</b>									
	Main Wall Along Road		1	105.00	0.20	0.05	1.05			
	<b>total</b>						<b>1.05</b>	<b>4237.00</b>	<b>cum</b>	<b>4448.85</b>
8	12mm thick cement plaster of mix: In Cement Mortar 1:6 (1 cement : 6 fine sand) <b>PWD S.O.R.-P-103/I-11.2.4</b> Main Wall Along Road <b>Subtotal</b>									
	Main Wall Along Road	2	1	105.00		0.70	147.00			
	<b>total</b>						<b>147.00</b>	<b>91.50</b>	<b>sqm</b>	<b>13450.50</b>
9	Providing and applying on exterior surface with ECONOMY Exterior Emulsion paint of required shades to give protective and water proof finish minimum three coats applied @ 1.43 lit / 10Sqm up to final finish as per relevant I.S, Code 15489:2013 Type -2 Class D,C (Glossy /Semi Glossy finish ) (Product such as Asian Ace, Dulux Promise Exterior Berger Wall Masta ,Nerolac Suraksha Plus, Nippon Shogun Opus, One Style Power Bright) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour etc. complete for the work (With 2 Year Warranty) <b>As per Ammendment no 08, 05/05/2025 item no.14.67</b>						147.00			
	<b>total</b>						<b>147.00</b>	<b>56.00</b>	<b>sqm</b>	<b>8232.00</b>
10	Steel work in tubular structure in built-up sections, trusses and frame work including cutting, hoisting, fixing in position upto a height of 5m above plinth level, consisting of columns trusses, roof and bottom purlins, base plate, holding down bolts, wind ties bracing (if required), bolts, nuts and washers for fastening etc. complete with applying a priming coat of red oxide zinc chromate primer.									
	Electric resistance or induction butt welded tubes <b>[S.O.R. Page no. 85 I- 9.3.1]</b>									
	M S 40X40 x4.00 mm Th. Post @ 4.09kg/ Rmt		44	2.35		4.09	420.50			
	M S Frame 20x20x2.80 mm Th. partition pipe @ 1.56 kg/ Rmt		44	7.70		1.56	336.88			
	Bottom /Side	12	44	0.05		1.56	40.95			
							<b>798.33</b>	<b>88.50</b>	<b>Kg</b>	<b>70652.04</b>



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# NAGAR PANCHAYAT KHONGAPANI,M.C.B,C.G

## EXTERNAL DEVELOPMENT-RAIN HARVESTING

Based on C. G. P.W.D ROAD S.O.R. IN FORCE FROM 1 JAN 2015

SN	DESCRIPTION OF ITEM	1	NO	MEASUREMENT				QTY	RATE	UNIT	AMOUNT
I	II		III	IV	V	VI	VII	VIII	IX	X	
1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.  [PWD SOR I - 8 , P-1.1]		1	1.40	1.40	1.50	2.94				
	total						2.94	185.00	cum	543.90	
2	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in all works upto floor five level excluding cost of form work. (i) 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size) [S.O.R. Page no.23 Item no 3.1.3]		1	1.00	0.30	0.15	0.05				
			1	1.00	0.30	0.15	0.05				
	total						0.09	2970.00	cum	267.30	
3	Brick work with modular well burnt clay bricks of crushing strength not less than 25 kg/sqcm and water absorption not more than 20% in foundation and plinth in: Cement Mortar 1:6 (1 Cement : 6 Coarse Sand) [S.O.R. Page no.44 Item no 7.2.2]		2	1.00	0.20	1.50	0.60				
			2	1.00	0.20	1.50	0.60				
	total						1.20	3635.00	cum	4,362.00	
4	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete. [S.O.R. Page no. 9 Item no. 1.18]		1	1.00	1.00	1.40	1.40				
	total						1.40	371.00	cum	519.40	
5	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ) [S.O.R. Page no. 16 Item no. 2.1.7]		4	1.40	1.50	-	8.40	235.00			
	total						8.40	235.00	sqm	1,974.00	
6	Providing and laying nominal mix reinforcement cement concrete with crushed stone aggregate using concrete mixer in all works upto floor five level excluding cost of reinforcement and form work. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size). [PWD SOR Page No. 23 I No. 3.2.1]		1	1.40	1.40	0.15	0.29				
	total						0.29	4163.00	cum	1,223.92	
7	Providing and placing in position cold tor steel and hot rolled deform steel reinforcement of R.C.C. work including cutting binding etc. complete as per drawing including cost of binding wire and all wastages etc. complete. PWD S.O.R.-P-24/I-3.12.1		-	-	-	-	23.20				
	total						23.20	54.50	Kg	1,264.40	
8	providing, laying and jointing following UPVC pipes with solvent cement joint for 4, 6, 8 and 10 Kg / sqm pressures including, testing of joints. complete in all respect.	1	1	50.00	-	-	50.00	357.00			
	total						50.00	357.00	mtr	17,850.00	
										Total	28,004.92

**NAGAR PANCHAYAT KHONGAPANI,M.C.B,C.G**

**DETAILED ESTIMATE FOR CONSTRUCTION OF SHED FOR BALED & RECYCLABLE MATERIAL AT EXISTING SLRM CENTER AT  
WARD NO.-01(4.00MX4.00M)**

S. No	SOR	PARTICULARS	NO.	L	B	H/D	QTY.	UNIT	RATE ( in Rs.)	AMOUNT (in Rs.)
<b>1</b>	1.2	Surface dressing of the ground including removing vegetation and making up undulations and inequalities not exceeding 15 cms in depth/ height including disposal of rubbish upto 1.5 m lift and lead upto 50m (at least 5m away from the dressed area).								
		Plot Area	1	5.00	5.00	-	25.00			
						<b>Total</b>	<b>25.00</b>	<b>Sqm</b>	<b>7.20</b>	<b>180.00</b>
<b>2</b>	1.1	Excavation for all types and sizes of undations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.								
	1.1.1	In all types of soil								
		Footing								
		F1	4	1.50	1.50	1.50	13.50			
		Below Plinth								
		Long Wall	2	3.40	0.20	0.20	0.27			
		Short Wall	2	3.60	0.20	0.20	0.29			
		step	1	1.20	1.00	0.20	0.24			
						<b>Total</b>	<b>14.30</b>	<b>Cum</b>	<b>185.00</b>	<b>2646.00</b>
<b>3</b>	1.6	Extra for every additional lift of 1.5 m or part thereof.								
	1.6.1	All types of soil								
		F1	4	1.20	1.20	0.30	1.73			
						<b>Total</b>	<b>1.73</b>	<b>Cum</b>	<b>26.50</b>	<b>46.00</b>
<b>4</b>	1.17	Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead upto 50 M. and lift upto 1.5 M.								
		Filling At Side 60%					8.58			
						<b>Total</b>	<b>8.58</b>	<b>Cum</b>	<b>65.00</b>	<b>558.00</b>
<b>5</b>	1.18	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.								
		F1	4	1.50	1.50	0.10	0.90			
		Floor	1	3.40	3.60	0.50	6.12			
		step	1	1.20	1.00	0.20	0.24			
		<b>Deduction</b>								
		item -06					-0.90			
		item -09					-0.30			
		Column	4	0.20	0.10	0.50	-0.04			
						<b>Total</b>	<b>6.02</b>	<b>Cum</b>	<b>371.00</b>	<b>2234.00</b>
<b>6</b>	3.1	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
	3.1.3	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).								
		Below Footing								
		F1	4	1.50	1.50	0.10	0.90			
		Floor Area	1	3.40	3.60	0.10	1.22			

S. No	SOR	PARTICULARS	NO.	L	B	H/D	QTY.	UNIT	RATE ( in Rs.)	AMOUNT (in Rs.)
		Below Plinth Beam								
		Long Wall	2	3.40	0.20	0.10	0.14			
		Short Wall	2	3.60	0.20	0.10	0.14			
		step	1	1.20	1.00	0.10	0.12			
						<b>Total</b>	<b>2.52</b>	<b>Cum</b>	<b>2970.00</b>	<b>7484.00</b>
7	3.13	Providing and laying damp proof course (upto 50mm thick) with plain cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded crushed stone aggregate 20mm nominal size) including form work.								
		Long Wall	2	3.40	0.20	0.05	0.07			
		Short Wall	2	3.60	0.20	0.05	0.07			
						<b>Total</b>	<b>0.14</b>	<b>Cum</b>	<b>4237.00</b>	<b>593.00</b>
8	3.15	Applying a coat of hot bitumen VG-10 using @ 1.7kg/ sqm on damp proof course after cleaning the surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil.								
		Long Wall	2	3.40	0.20	-	1.36			
		Short Wall	2	3.60	0.20	-	1.44			
						<b>Total</b>	<b>2.80</b>	<b>Sqm</b>	<b>93.50</b>	<b>262.00</b>
9	3.2	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
	3.2.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
		<b>Footing</b>								
		F1	4	1.20	1.20	0.20	1.15			
		<b>Column (Upto Ground Level)</b>								
		C1	4	0.20	0.30	1.10	0.26	0.30		
		<b>Column(Ground Lvl to Plinth Lvl)</b>								
		C1	4	0.20	0.30	0.35	0.08			
		<b>Column (Abv. Plinth Top to GF Slab Top)</b>								
		C1	4	0.20	0.30	3.10	0.74			
		Plinth Beams								
		Outer at Ground Lvl								
		Long Wall	2	3.40	0.20	0.30	0.41			
		Short Wall	2	3.60	0.20	0.30	0.43			
		Lintel Beam								
		Long Wall	1	3.40	0.20	0.15	0.10			
		Chajja								
		Long Wall	1	4.00	0.60	0.08	0.18			
		Slab Beam								
		Long Wall	2	3.40	0.20	0.30	0.41			
		Short Wall	2	3.60	0.20	0.30	0.43			
		Slab								
		All Area	1	4.20	4.20	0.13	2.21			
						<b>Total</b>	<b>6.40</b>	<b>Cum</b>	<b>4163.00</b>	<b>26643.00</b>
10	3.12	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete:								
	3.12.1	Thermo-Mechanically treated bars FE 415 As per Item No-	1	6.40	-	-	6.40			
		@ 80kg /Cum of Concrete	1	6.40	x	Total 80.00	6.40 512.00	Cum		
						<b>Total</b>	<b>512.00</b>	<b>Kg</b>	<b>54.50</b>	<b>27904.00</b>

S. No	SOR	PARTICULARS	NO.	L	B	H/D	QTY.	UNIT	RATE ( in Rs.)	AMOUNT (in Rs.)
11	2.1	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:								
	2.1.1	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.								
		Footing								
		F1	4	4.80	-	0.20	3.84			
		Column (Upto Ground Level)								
		C1	4	1.00	-	1.10	4.40			
		Column(Ground Lvl to Plinth Lvl)								
		C1	4	1.00	-	0.35	1.40			
		Plinth Beams								
		Outer at Ground Lvl								
		Long Wall	2	3.40	-	0.60	4.08			
		Short Wall	2	3.60	-	0.60	4.32			
						Total	18.04	Sqm	139.00	2508.00
	2.1.5	Columns, Pillars, Piers and likes- rectangular or square in shape								
		Column (Abv. Plinth Top to GF Slab Top)								
		C1	4	1.00	-	3.10	12.40			
						Total	12.40	Sqm	297.00	3683.00
	2.1.13	Weather shade, chhajja, Cornices and mouldings								
		Long Wall	1	4.00	0.60	-	2.40			
		Side	1	5.20	-	0.10	0.52			
						Total	2.92	Sqm	294.00	858.00
	2.1.8	Beams, lintels, cantilevers & walls								
		Lintel Beam								
		Long Wall	2	3.40	-	0.15	1.02			
		Short Wall	2	3.60	-	0.15	1.08			
		Slab Beam								
		Long Wall	4	3.40	-	0.30	4.08			
		Short Wall	4	3.60	-	0.30	4.32	8.40		
						Total	10.50	Sqm	202.00	2121.00
	2.1.7	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)								
		Slab								
		All Area	1	4.20	4.20	-	17.64			
						Total	17.64	Sqm	235.00	4145.00
	2.1.4	Edge of slab, breaks in floor and walls upto 200mm								
		Slab Edges at Slab Lvl	1	16.80	-	-	16.80			
						Total	16.80	Rm	34.00	571.00
12	7.5	Brick work with modular fly-ash lime bricks (FALG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in:								
	7.5.4	Cement Mortar 1:6 (1 cement : 6 coarse sand)								
		Long Wall	2	3.40	0.20	0.15	0.20			
		Short Wall	2	3.60	0.20	0.15	0.22			
		step	1	1.20	0.90	0.15	0.16			
		step	1	1.20	0.60	0.15	0.11			
		step	1	1.20	0.30	0.15	0.05			
						Total	0.74	Cum	3263.00	2428.00

S. No	SOR	PARTICULARS	NO.	L	B	H/D	QTY.	UNIT	RATE ( in Rs.)	AMOUNT (in Rs.)
13	7.5	Brick work with modular fly-ash lime bricks (FaLG Bricks) conforming to IS:12894-2002 of class designation 4.0 in foundation and plinth in:								
	7.5.4	Cement Mortar 1:6 (1 cement : 6 coarse sand)								
	7.6	Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth: Above Plinth								
		Long Wall	2	3.40	0.20	3.00	4.08			
		Short Wall	2	3.60	0.20	3.00	4.32			
		Parapet	2	3.40	0.20	0.60	0.82			
			2	3.60	0.20	0.60	0.86			
		Deduction								
		D	1	1.20	0.20	2.10	-0.50			
		W	2	1.50	0.20	1.20	-0.72			
						<b>Total</b>	<b>8.86</b>	<b>Cum</b>	<b>3384.00</b>	<b>29982.00</b>
14	9.47	Providing and fixing aluminium work for doors, windows, ventilators and partitions made out of extruded aluminium standard sections (main section with minimum 1.5mm thickness) conforming to IS: 733, IS: 1285 mitred and jointed mechanically including aluminium cleats, neoprene weather stripping gasket beveled edge beading, screws duly fixed in wall/ floor with fixing clips or hold fasteners or bolts and nuts as required aluminium sections shall be anodized transparent or dyed to approved shade according to IS: 1868, minimum anodic coating shall be of grade AC-15. (Glazing to be paid for separately:								
	9.47.2	For shutter of doors, windows & ventilators including providing and making provision for fixing of fitting wherever required including the cost of PVC/ neoprene gasket required (Fittings shall be paid for separately).								
		W	2	1.50	-	1.20	3.60			
		For Weight	1	3.60	x	15.00	54.00	Sqm Kg		
						<b>Total</b>	<b>54.00</b>	<b>Kg</b>	<b>338.00</b>	<b>18252.00</b>
15	12.13	Providing and laying vitrified floor tiles with double charge/ multi charge printing with water absorption less than 0.5% and conforming to IS : 15622 of approved make in all colours and shades and size mentioned below (+/- 10mm), laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete.								
		12.13.1 Size 600x600mm area	1	3.80	3.80		14.44			
						<b>Total</b>	<b>14.44</b>	<b>Sqm</b>	<b>1151.00</b>	<b>16620.00</b>



S. No	SOR	PARTICULARS	NO.	L	B	H/D	QTY.	UNIT	RATE ( in Rs.)	AMOUNT (in Rs.)
		<b>As per Ammendment no 08, 05/05/2025 item no.14.59</b>		-	-	-	153.62			
						<b>Total</b>	<b>153.62</b>	<b>Sqm</b>	<b>29.00</b>	<b>4455.00</b>
21	14.62	Providing and applying Acrylic washable Distemper or lite economy Plastic emulsion paint having VOC content less than 50gms/ lit Minimum two coats up to final finish applied @ 1.25 Kg/ 10Sqm as per relevant L.S. Code 428:2000 (product such as Tractor Uno, Dulux Duval, Berger Bison, Opus Style/lite economy emulsion product such as Asian Tactor Spark Dulux Pomise sheen, Neroloc Lital Master, Berger Bison Lite, Nippon Superio.) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour complete for the work.								
		<b>As per Ammendment no 08, 05/05/2025 item no.14.62</b>		-	-	-	37.08			
				-	-	-	43.46			
						<b>Total</b>	<b>80.54</b>	<b>Sqm</b>	<b>64.00</b>	<b>5155.00</b>
22	14.67	14.67 Providing and applying on exterior surface with ECONOMY Exterior Emulsion paint of required shades to give protective and water proof finish minimum three coats applied @ 1.43 lit / 10Sqm up to final finish as per relevant I.S, Code 15489:2013 Type -2 Class D,C (Glossy /Semi Glossy finish ) (Product such as Asian Ace,Dulux Promise Exterior Berger Wall Masta ,Nerolac Suraksha Plus , Nippon Shogun Opus, One Style Power Bright) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour etc. complete for the work (With 2 Year Warranty)								
		<b>As per Ammendment no 08, 05/05/2025 item no.14.67</b>		-	-	-	73.08			
						<b>Total</b>	<b>73.08</b>	<b>Sqm</b>	<b>70.00</b>	<b>5116.00</b>
23	4.21	Providing post water proofing treatment against dampness & Seepage in roof, terraces, sunken floor of toilets with reinforced acrylic breathable(polymer content 35%, elongation at break at > 100%) coating consisting of following operations: i) Removing loose material and cleaning the surface. ii) Priming in one coat with water based acrylic emulsion. iii) Three coats with reinforced acrylic breathable polymer								
			1	4.00	4.00		16.00			
						<b>Total</b>	<b>16.00</b>	<b>Sqm</b>	<b>611.00</b>	<b>9776.00</b>
24	8.3	Providing 40x5mm iron hold fast 40cm long including fixing to frame with 10mm bolts nuts and wooden plug and embedding in Cement Concrete 1:2:4 in blocks of size 30x10x15cm. DOOR								
			6	-	-	-	6.00			
						<b>Total</b>	<b>6.00</b>	<b>Each</b>	<b>72.50</b>	<b>435.00</b>



S. No	SOR	PARTICULARS	NO.	L	B	H/D	QTY.	UNIT	RATE ( in Rs.)	AMOUNT (in Rs.)
25	8.12	Providing and fixing flush door shutters, conforming to IS : 2202 (Part-I), decorative type core of block board construction with frame of first class hard wood and well matched teak ply veneering with vertical grains or cross bands and face veneers on both faces of shutters excluding hinges.								
	8.12.2	35 mm. thick (single leaf)								
	8.15	Extra for double leaf shutter instead of single leaf.								
		Providing post water proofing treatment against dampness & Seepage in roof, terraces, sunken floor of toilets with reinforced acrylic breathable(polymer content 35%, elongation at break at > 100%) coating consisting of following operations: i) Removing loose material and cleaning the surface. ii) Priming in one coat with water based acrylic emulsion. iii) Three coats with reinforced acrylic breathable polymer	1	1.20	-	2.10	2.52			
						<b>Total</b>	<b>2.52</b>	<b>Sqm</b>	<b>2057.00</b>	<b>5184.00</b>
26	8.58	Providing and fixing bright finished brass butt hinges with brass polished MS screws complete:								
	8.58.2	100x85x5.50 mm (Heavy Type)								
		Providing post water proofing treatment against dampness & Seepage in roof, terraces, sunken floor of toilets with reinforced acrylic breathable(polymer content 35%, elongation at break at > 100%) coating consisting of following operations: i) Removing loose material and cleaning the surface. ii) Priming in one coat with water based acrylic emulsion. iii) Three coats with reinforced acrylic breathable polymer	6	-	-	-	6.00			
						<b>Total</b>	<b>6.00</b>	<b>Each</b>	<b>195.00</b>	<b>1170.00</b>
27	8.60	Providing and fixing bright finished brass sliding door bolt with nuts and brass polished MS screws complete:								
	8.60.2	250x16mm								
		Providing post water proofing treatment against dampness & Seepage in roof, terraces, sunken floor of toilets with reinforced acrylic breathable(polymer content 35%, elongation at break at > 100%) coating consisting of following operations: i) Removing loose material and cleaning the surface. ii) Priming in one coat with water based acrylic emulsion. iii) Three coats with reinforced acrylic breathable polymer	1	-	-	-	1.00			
						<b>Total</b>	<b>1.00</b>	<b>Each</b>	<b>344.00</b>	<b>344.00</b>
28	8.61	Providing and fixing brass door latch with brass polished MS screws complete:								
	8.61.2	250x16x5 mm								

S. No	SOR	PARTICULARS	NO.	L	B	H/D	QTY.	UNIT	RATE ( in Rs.)	AMOUNT (in Rs.)
		Providing post water proofing treatment against dampness & Seepage in roof, terraces, sunken floor of toilets with reinforced acrylic breathable(polymer content 35%, elongation at break at > 100%) coating consisting of following operations: i) Removing loose material and cleaning the surface. ii) Priming in one coat with water based acrylic emulsion. iii) Three coats with reinforced acrylic breathable polymer	2	-	-	-	2.00			
						<b>Total</b>	<b>2.00</b>	<b>Each</b>	<b>268.00</b>	<b>536.00</b>
<b>29</b>	8.62	Providing and fixing bright finished brass tower bolts (barrel type) with brass polished MS screws complete:								
	8.62.2	200x10mm								
		Providing post water proofing treatment against dampness & Seepage in roof, terraces, sunken floor of toilets with reinforced acrylic breathable(polymer content 35%, elongation at break at > 100%) coating consisting of following operations: i) Removing loose material and cleaning the surface. ii) Priming in one coat with water based acrylic emulsion. iii) Three coats with reinforced acrylic breathable polymer	1	-	-	-	1.00			
						<b>Total</b>	<b>1.00</b>	<b>Each</b>	<b>231.00</b>	<b>231.00</b>
<b>30</b>	8.65	Providing and fixing bright finished brass door handles with brass polished MS screws complete:								
	8.65.1	125 mm								
			2	-	-	-	2.00			
						<b>Total</b>	<b>2.00</b>	<b>Each</b>	<b>55.50</b>	<b>111.00</b>
<b>31</b>	9.15	Providing and fixing M.S. grill of approved pattern made of M.S. flats or square or round bars welded to steel frame of windows etc. including applying a priming coat welded to frame with all necessary fitting complete including applying a priming of red oxide zinc chromate primer.	2	1.50	-	1.20	3.60			
		For Qty of steel= Area x 30.0 kg/Sqm	1	3.60	x	30.00	108.00	Sqm		
						<b>Total</b>	<b>108.00</b>	<b>kg</b>	<b>67.50</b>	<b>7290.00</b>
<b>32</b>	9.51	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC/ neoprene gasket etc. complete. (Cost of aluminium snap beading shall be paid in basic item):								
	9.51.2	With float glass panes of 5 mm thickness As Per Item No-	31	-	-	-	3.60			
						<b>Total</b>	<b>3.60</b>	<b>Sqm</b>	<b>708.00</b>	<b>2549.00</b>
<b>33</b>	14.76	Providing and applying Aluminium paint minimum 2 coats in all metal surface applying @ 0.75 li/ 10 Sqm up to required finish as per relevant I.S. code 2932: 2013 of (Product such as Asian Apcolite aluminium paint, Dulux Aluminium paint, Burger Superior Aluminium Paint) with all tools tackle and labour etc. complete for the work								

S. No	SOR	PARTICULARS	NO.	L	B	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
		As per Ammendment no 08, 05/05/2025 item no.14.76 On Steel work As per item No- On Wood work	0	-	-	-	3.60			
			1	1.20	x	2.10	2.52	Sqm		
						Total	6.12			
		For Area for Painting	1	6.12	x	2.50	15.30			
						Total	15.30	Sqm	43.00	658.00
34	9.37	Providing and fixing M.S. fan clamp/ hook for ceiling fan made out of 16 mm dia M.S. bar bent to shape with hooked ends in R.C.C. slabs, beams during laying including painting the exposed portion of loop.	6	-	-	-	6.00			
						Total	6.00	Each	97.00	582.00
									Total Rs.	224188.00
									Add 15% Extra For Electrical and Plumbing Work Rs.	33628.20
									Grand Total Rs.	257816.20

## NAGAR PANCHAYAT KHONGAPANI,M.C.B,C.G

### GENERAL ABSTRACT OF COST FOR PROPOSED WINDROW COMPOST PLANT

SN	DESCRIPTION OF ITEM	TOTAL
<b>a</b>	<b>Machinery/Equipment's (Non Sor Items)</b>	
I	COMPOST TURNER - 1 No	4,95,000.00
II	SURVEILLIANCE CAMERA	17,813.00
III	SHREDDER MACHINE	5,90,000.00
IV	WHEEL BARROW - 2 No.	11,000.00
V	COMPOST SIEVE MACHINE	47,500.00
Total a)		11,61,313.00
Add 18% Gst		2,09,036.34
Grand Total a)		13,70,349.34

**Architect**  
Concept Associates  
Ambikapur

**S.E**  
Nagar Panchayat  
Khongapani

**C.M.O**  
Nagar Panchayat  
Khongapani