

क्षेत्रीय कार्यालय, संयुक्त संचालक, नगरीय प्रशासन एवं विकास (यांत्रिकी प्रकोष्ठ), बिलासपुर-सभाग, बिलासपुर (छ.ग.)

पोस्ट-बिलासपुर के बगल वाली गली, प्राथमिक स्वास्थ्य केन्द्र के पास, वार्ड क्र. 51 राजकिशोर नगर, बिलासपुर (छ.ग.)

ई-मेल: serohilasapur@rediffmail.com, tccellbbsp@gmail.com



क्रमांक 2037/यांत्रि/नि.प्रा.अनु/पथरिया/2026 बिलासपुर, दिनांक 29/04/2026

मुख्य नगर पालिका अधिकारी
नगर पंचायत - पथरिया
जिला - भुवनेश्वर (छ.ग.)

विषय :- निविदा प्रारूप के अनुमोदन के संबंध में।
संदर्भ :- आपका पत्र क्रमांक 57 दिनांक 24.04.2026, प्राप्ति दिनांक 27.04.2026

विषयांतर्गत संदर्भित पत्र के तारतम्य में प्रेषित प्रस्ताव अनुसार निम्नांकित शर्तों के पालन करने के शर्त पर निविदा प्रारूप का अनुमोदन किया जा रहा है :-

क्र.	कार्य का नाम	फॉर्म	Amount (Lakh)	SOR
1	प्रसस्करण संदर्भ की स्थापना एवं उन्नयन कार्य।	Form A	28.37	PWD Building SOR 01.01.2015, PWD Road SOR/01.01.2025, Electrical/PHE SOR 01.06.2020 & NCH SOR

1. शासन/विभाग के निर्देशानुसार निर्धारित निविदा प्रक्रिया का अक्षरशः पालन किया जावे। (यथा समाचार पत्रों में प्रकाशन, निर्धारित विज्ञापित का समय अवधि निर्धारण, अमानत राशि, मैन्युअल/ऑन लाईन इत्यादि)
2. निविदा सूचना प्रकाशन कम से कम साईज में कराया जावे।
3. निविदा के सूचि में सामाग्री की मात्रा तथा विस्तृत विवरण अनिवार्यतः उल्लेख किया जावे।
4. निविदाकार द्वारा निविदा प्रपत्र में प्रत्येक पृष्ठ पर हस्ताक्षर करना अनिवार्य होगा।
5. निविदा प्रपत्र अनुबंध का भाग माना जायेगा।
6. मैन्युअल निविदा की स्थिति में निर्धारित तिथि में यदि निविदा न खोली जाए तो भाग लेने वाले निविदाकार को निविदा खोले जाने की आगामी तिथि स्पीड पोस्ट / व्हाटसएप / रजिस्टर्ड पोस्ट से अवगत कराया जाना अनिवार्य होगा।
7. ऑनलाईन निविदा की स्थिति में निर्धारित तिथि में यदि फिजीकल बिड न खोली जाए तो भाग लेने वाले निविदाकार को फिजीकल बिड खोले जाने की आगामी तिथि स्पीड पोस्ट / व्हाटसएप / रजिस्टर्ड पोस्ट से अवगत कराया जाना अनिवार्य होगा।

संलग्न :- प्रेषित निविदा आमंत्रण सूचना प्रारूप।

(कुल कार्य की संख्या :- 01)

कार्यसमकाल अभियंता
नगरीय प्रशासन एवं विकास
बिलासपुर (छ.ग.)



NAGAR PANCHAYAT PATHARIYA, CHHATTISGARH



Ministry of Housing and Urban Affairs
Government of India



VOL - III

Swachh Bharat Mission-Urban 2.0



NAGAR PANCHAYAT REPORT UNDER
SBM 2.0 FOR SWM, NAGAR PANCHAYAT
PATHARIYA, CHHATTISGARH

मुख्य नगर पालिका अधिकारी
नगर पंचायत पथरिया
जिला-सुरेही (छत्तीसगढ़)

अभिषेक
नगर पंचायत-पथरिया
जिला-सुरेही (छत्तीसगढ़)

SLRM CENTRE AT
PT. SHYAMA PRASAD
MUKHERJEE WARD NO- 08

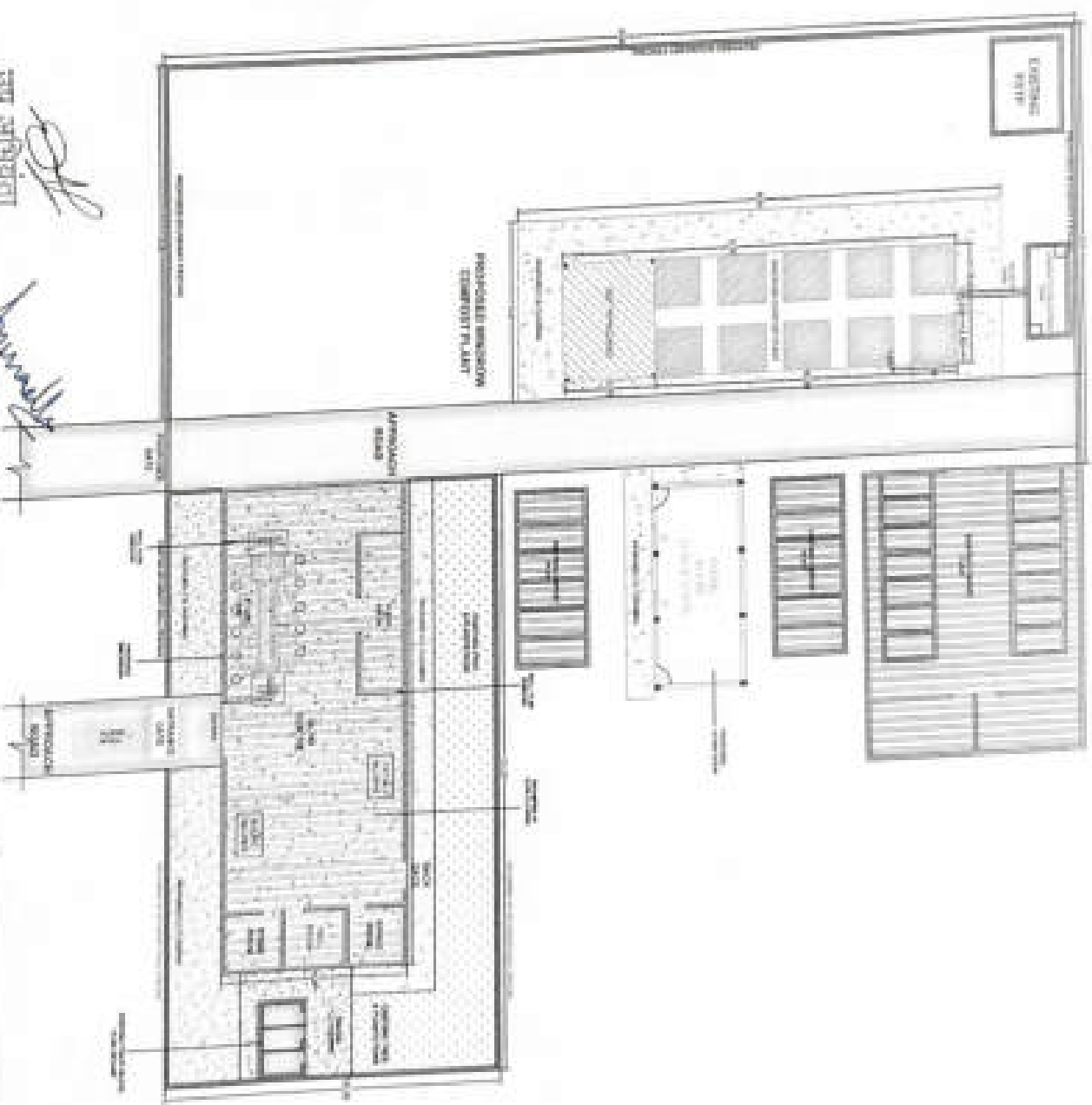


SITE PLAN

AT NAGAR PANCHAYAT PATHARIYA, BILASPUR (C.G.)

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WINDROW COMPOST PLANT
AT PT. SHYAMA PRASAD
MUKHERJEE WARD NO- 08



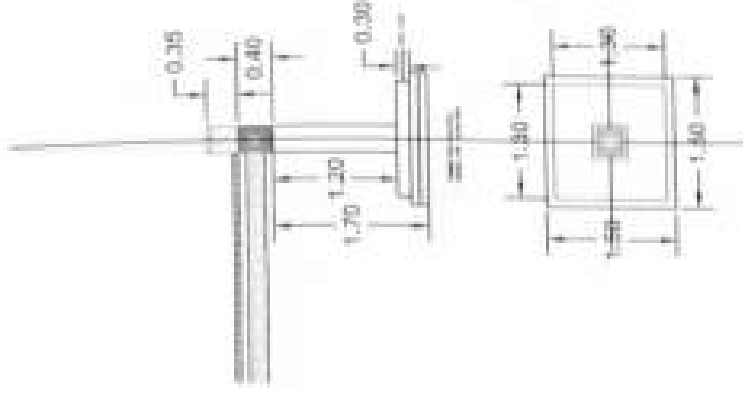
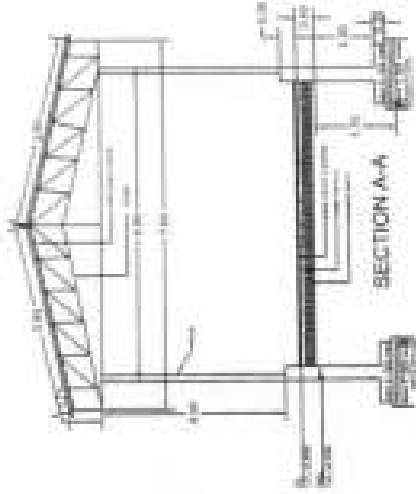
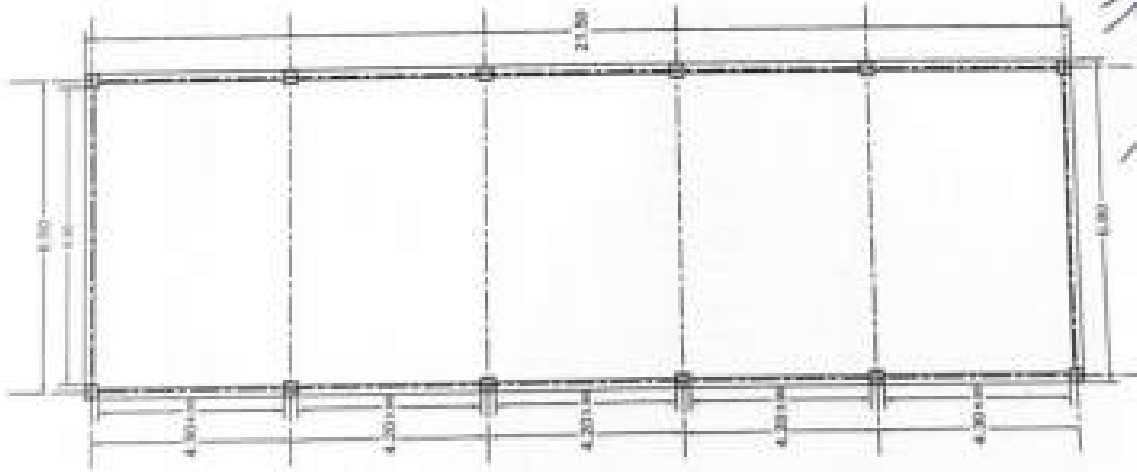

 ઉપ સહિયોગી
 નગર પંચાયત-પાથરિયા
 જિલ્લો-ગુજરાત (ઉ.પ.)


 જિલ્લા પંચાયત-પાથરિયા
 જિલ્લો-ગુજરાત (ઉ.પ.)

SITE PLAN

**"SITE PLAN OF PROPOSED WINDROW COMPOST PLANT
 & EXISTING SLRM CENTRE "
 AT NAGAR PANCHAYAT PATHARIYA, BILASPUR (C.G.)**

PROJECT		PILLIMAR & ASSOCIATES	
CLIENT		NAGAR PANCHAYAT, PATHARIYA, BILASPUR (C.G.)	
DESIGNER		PILLIMAR & ASSOCIATES	
DATE		2024	
REVISION		REVISION NO. 01	
REVISION		REVISION NO. 02	
REVISION		REVISION NO. 03	
REVISION		REVISION NO. 04	
REVISION		REVISION NO. 05	
REVISION		REVISION NO. 06	
REVISION		REVISION NO. 07	
REVISION		REVISION NO. 08	
REVISION		REVISION NO. 09	
REVISION		REVISION NO. 10	
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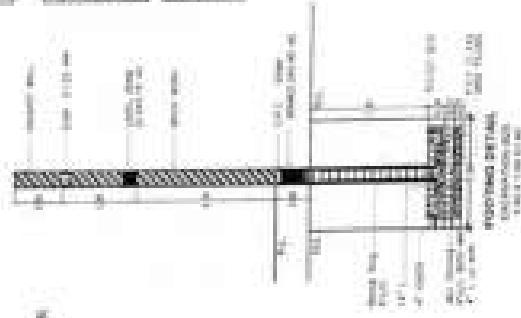
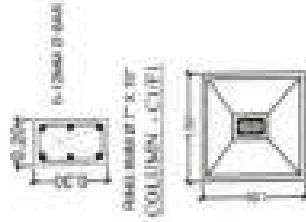
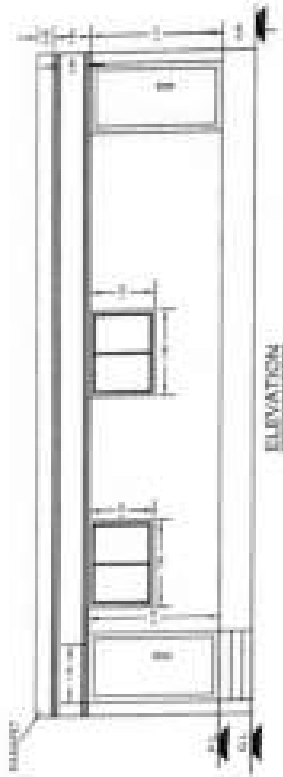
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3	1	1	1	1
4	1	1	1	1

COLUMN DETAILS				
COL. TYPE	1	2	3	4
1	1	1	1	1
2	1	1	1	1
3	1	1	1	1
4	1	1	1	1

GROUND BEAM DETAILS				
NO.	1	2	3	4
1	1	1	1	1
2	1	1	1	1
3	1	1	1	1
4	1	1	1	1

PLAN
 मूल निर्माण अभियंता
 नगर पंचायत पथारीया
 विना-मुंगेली (उत्तरांचल)
 2 TPD WINDROW COMPOST
 &
 EXISTING SLRM CENTRE
 AT NAGAR PANCHAYAT PATHARIYA, MUNGELI (C.G.)

PILLIWAR & ASSOCIATES				
NO.	1	2	3	4
1	1	1	1	1
2	1	1	1	1
3	1	1	1	1
4	1	1	1	1





 उत्प अभियंता
 नगर पंचायत-मण्गेली
 जिला-मुंगेली (च.ग.)



 मुख्य नगर पालिका अधिकारी
 नगर पंचायत मण्गेली
 जिला-मुंगेली (च.ग.)

STORAGE ROOM

"SITE PLAN OF PROPOSED WINDROW COMPOST PLANT
 & EXISTING SLRM CENTRE"
 AT NAGAR PANCHAYAT PATHARIYA, MUNGELI (C.G.)

PROPOSED SCHEDULE	EXISTING SCHEDULE	REMARKS
1. 11.10 X 4.60 M.	11.10 X 4.60 M.	EXISTING

EXISTING SCHEDULE	PROPOSED SCHEDULE	REMARKS
1. 11.10 X 4.60 M.	11.10 X 4.60 M.	EXISTING

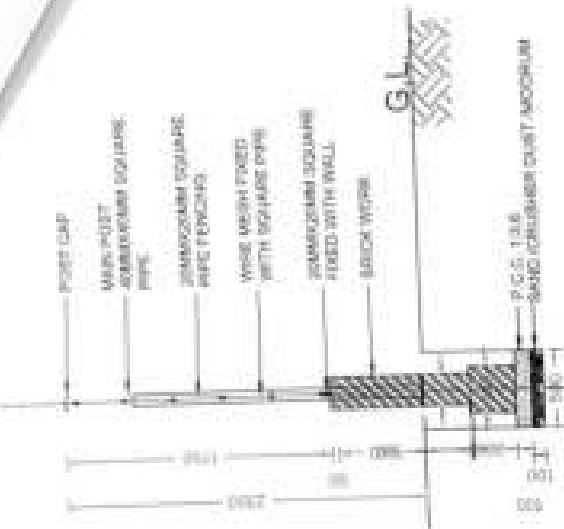
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PROPOSED SCHEDULE	EXISTING SCHEDULE	REMARKS
1. 11.10 X 4.60 M.	11.10 X 4.60 M.	EXISTING

PROPOSED SCHEDULE	EXISTING SCHEDULE	REMARKS
1. 11.10 X 4.60 M.	11.10 X 4.60 M.	EXISTING

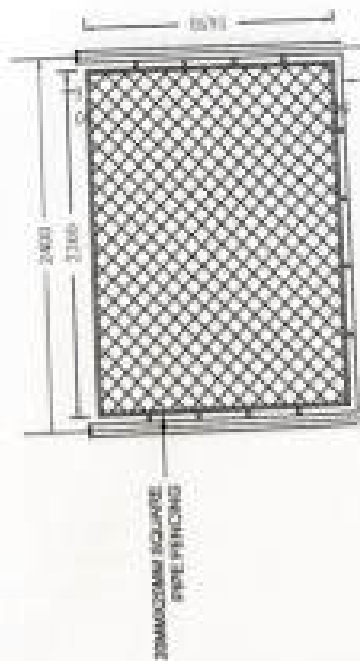
PROPOSED SCHEDULE	EXISTING SCHEDULE	REMARKS
1. 11.10 X 4.60 M.	11.10 X 4.60 M.	EXISTING

DESIGNER	CLIENT	PROJECT	DATE
PILLIWAR & ASSOCIATES	NAGAR PANCHAYAT PATHARIYA (C.G.)	MUNICIPAL SOLID WASTE MANAGEMENT	2023/08/01
DESIGNED BY	CHECKED BY	DATE	
MANISH PILLIWAR	MANISH PILLIWAR		

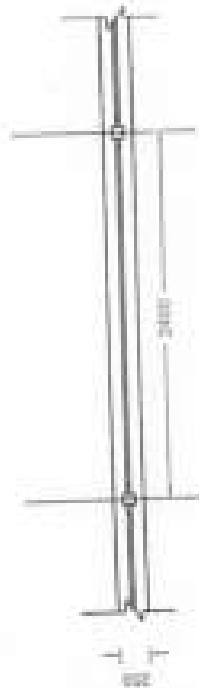


TYPICAL ELEVATION OF FENCING

CROSS SECTION OF CHAIN LINK FENCING



TYPICAL PLAN OF FENCING



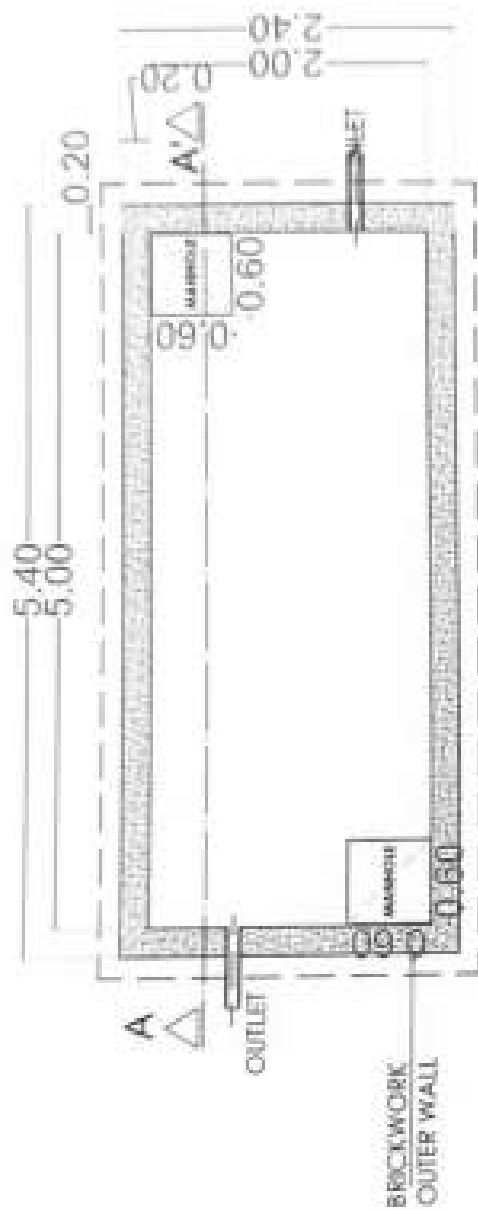
2

उप अभियंता
नगर पंचायत - पथरिया
मिहला - मुंगेली (उ.ग.)

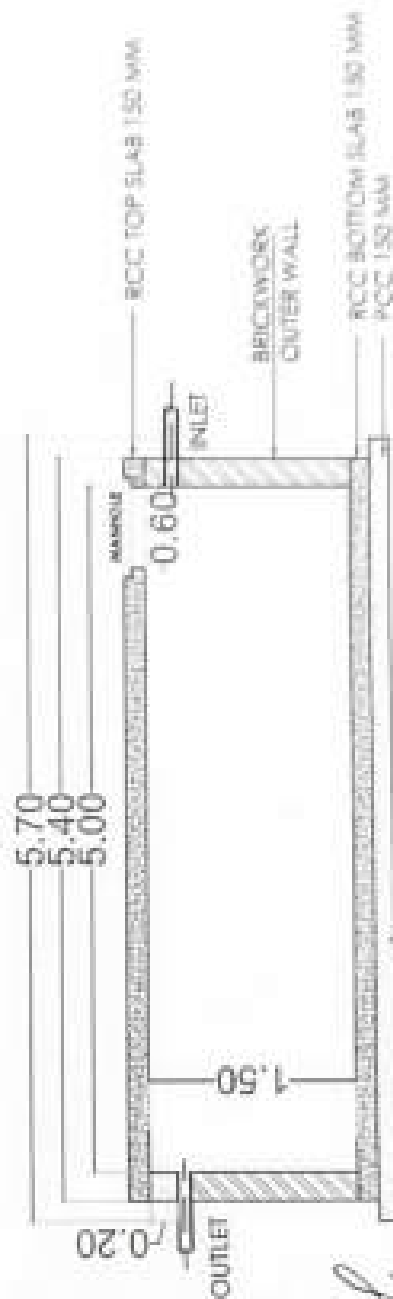
मुख्य मंत्री, पालिका अधिकाारी
नगर पंचायत, पथरिया
बिना-मरौली/उर्नसगढ़-BC

[illegible]

**"SITE PLAN OF PROPOSED WINDROW COMPOST PLANT
& EXISTING SLRM CENTRE -
AT NAGAR PANCHAYAT PATHARIYA, MUNGELI (C.G.)"**




LEACHATE TANK PLAN
5.00 X 2.00 X 1.50 M



SECTION A-A'

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**"SITE PLAN OF PROPOSED WINDROW COMPOST PLANT
& EXISTING SLRM CENTRE"
AT NAGAR PANCHAYAT PATHARIYA, MUNGELI (C.G.)**

 PILLAR & ASSOCIATES CONSULTING ASSOCIATES (PVT) LTD. 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903,



NAGAR PANCHAYAT PATHARIYA, CHHATTISGARH



Ministry of Housing and Urban Affairs
Government of India



VOL - II Swachh Bharat Mission-Urban 2.0



NAGAR PANCHAYAT REPORT UNDER
SBM 2.0 FOR SWM, NAGAR PANCHAYAT
PATHARIYA, CHHATTISGARH

महानगर पंचायत
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**Cost Estimate For
Solid Waste Management At
Nagar Panchayat Pathariya, Bilaspur (C.G.)**

A	PT. SHYAMA PRASAD MUKHERJEE, WARD NO. - 08	
	COST OF SLRM CENTRE	
	Part - I SOR ITEM	
	PROPOSED CIVIL WORK	Amount
1	SLRM Revamping Work	322224.63
2	Bounday Wall Revamping Work	141472.66
3	Rain Water Harvesting	32001.00
4	Plumbing & Sanitary Work	46063.00
	Total - I	541761.29
	Part - II NON-SOR ITEM	
5	Conveyor Belt	155000.00
6	HDPE Wheel Container (10 Nos.)	13750.00
7	Weigh Bridge	225000.00
8	Bale Trolley (03 Nos.)	20400.00
9	Surveillance Camera	17813.00
10	Turbine Vetilator	15000.00
	Total	446963.00
	Total - A (I+II)	988724.29
B	PT. SHYAMA PRASAD MUKHERJEE, WARD NO. - 08	
	COST OF WINDROW COMPOST PLANT	
	Part - I SOR ITEM	
	PROPOSED CIVIL WORK	
1	Windrow Compost Plant 2 TPD	850329.55
2	Storage Room	639658.87
3	Leachate Tank	75225.82
4	C.C. Flooring	70560.00
5	Boundary Wall With Fencing	154690.49
	Total - I	1790464.73
	Part - II NON-SOR ITEM	
6	Wheel Barrow	11000.00
7	Compost Sieve Machine	47500.00
	Total	58500.00
	Total - B (I+II)	1848964.73
	Total Of Part (A+B)	2837689.02
	Or Say	28.37

[Signature]
उप निरीक्षक
नगर पंचायत-पथरिया
जिला-मुंगेली (छ.ग.)


[Signature]
मुख्य निरीक्षक जलविभागी
नगर पंचायत पथरिया
जिला-मुंगेली (छत्तीसगढ़)


SLRM CENTRE AT
PT. SHYAMA PRASAD
MUKHERJEE WARD NO- 08

उप अभियंता
नगर पंचायत-पथरिया
जिला-मुंगेली (छ.ग.)

**DETAILED ESTIMATE FOR PROPOSED WORK OF
" SLRM CENTRE AT PT. SHYAMA PRASAD MUKHERJEE WARD NO - 08 "
NAGAR PANCHAYAT PATHARIYA, MUNGELI (C.G.)**

A	PT. SHYAMA PRASAD MUKHERJEE, WARD NO. - 08	
	COST OF SLRM CENTRE	
	Part - I SOR ITEM	
	CIVIL WORK	
1	SLRM Revamping Work	322224.63
2	Bounday Wall Revamping Work	141472.66
3	Rain Water Harvesting	32001.00
4	Plumbing & Sanitary Work	46063.00
	Total I	541761.29
	Part - III NON-SOR ITEM	
5	Conveyor Belt	155000.00
6	HDPE Wheel Container (10 Nos.)	13750.00
7	Weigh Bridge	225000.00
8	Bale Trolley (03 Nos.)	20400.00
9	Surveillance Camera	17813.00
10	Turbine Vetilator	15000.00
	Total	446963.00
	18% GST	80453.34
	Total -II	527416.34
	Total Of Part (I+II)	1069177.63


उप अभियंता
नगर पंचायत-पथरिया
जिला-मुंगेली (छ.ग.)


नगर पंचायत-पथरिया
जिला-मुंगेली (छ.ग.)

**DETAILED ESTIMATE FOR PROPOSED WORK OF
" SLRM CENTRE AT PT. SHYAMA PRASAD MUKHERJEE WARD NO - 88 "
NAGAR PANCHAYAT PATHARIYA, MUNGELI (C.G.)**

As per) W.E.F. - 01/01/2015

ITEM NO.	DESCRIPTION	NO.	L	B	H/D	QTY	UNIT	RATE	AMOUNT
SLRM FLOORING WORK									
(BUILDING SQR ITEM NO. 16.8/140)	Dismantling flag stone flooring laid in cement/slime mortar including stacking of serviceable material and disposal of unserviceable material within 50 metre lead.								
		1.00	23.40	9.60	-	224.64			
		2.00	3.00	3.00	-	18.00			
		1.00	3.20	3.00	-	9.60			
						252.24	SQ.M	87.60	14377.68
2	23 mm thick KOTA stone slab flooring over 30mm (Average) thick base of cement mortar 1:4 laid over and jointed with grey cement slurry raised with pigment to match the shade of the slab including grinding rubbing and polishing etc. complete (Area of slab to be over 0.20 SQ.M and upto 0.50 SQ.M)								
		1.00	23.40	9.60	-	224.64			
		2.00	3.00	3.00	-	18.00			
		1.00	3.20	3.00	-	9.60			
	Add 10% Extra					22.46			
						274.70	SQ.M	897.60	246489.49
SLRM PAINTING WORK									
3	As per Amendment no 08, 05/05/2025 item no.14.62	Providing and applying Acrylic washable Discolorer or its economy Plastic emulsion paint having VOC content less than 50gms/ltr 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 Dural, Berger Bluen, Opus Stylelike economy emulsion product such as Asian Tactor Spark Dulux Primec dural, Nerolon L&L Master, Berger Bluen Uno, Nippon Supralite.) inclusive of providing sbr 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.							
		Office & Store Area							
		3	9.6			3	86.40		
		6	3	-		3	24.00		
		Door Deduct	-3	0.9	-	2.1	-5.67		
		Window Deduct	-3	1.2	-	1.2	-4.32		
		SLRM Wall	2	23.6	-	1.3	56.64		
		1	9.6	-		1.2	11.52		
		Gate Deduct	-1	3	-	1.3	-3.60		
						Total	194.97	Sqm	64.00
									12479.08
4	As per Amendment no 08, 05/05/2025 item no.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 @ 1.40 lit / 10Sqms up to final finish as per relevant L.S. Code 15409:2013 Type -2 Class D.C (Glossy / Semi Glossy Finish) (Product such as Asian Ace,Dulux Primeac Exterior Berger Wall Master, Nerolon Saraksha Plus , Nippon Shogun Opus, One Style Pyron Bright) inclusive of providing sbr 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)							
		Office & Store Area							
		1	10	-		3.1	31.00		
		2	3.4	-		3.1	21.08		
		SLRM Wall	2	23.6	-	1.3	61.36		
		1	10	-		1.3	13.00		
		Gate Deduct	-1	3	-	1.3	-3.90		
						Total	122.54	Sqm	76.00
									8577.90
5	As per Amendment no 08, 05/05/2025 item no.14.74	Providing and applying priming coat on steel work with red Oxide/ zinc phosphate primer applied @ 0.50 lit./Sqm as per relevant code 3336:1999 (product such as Asian Zinc phosphate , Dulux Steel primer, Burger Red oxide primer) with all tools tackles and labour etc. complete for the work							
		Premium synthetic enamel paint							
		On Steel	2.00	27	1.20	297.00			
		SLRM side jali	2.00	23.6	1.20	56.64			
		1.00	9.6	1.20		11.52			
						364.97	Sqm	35.00	12773.88

उप-अधीक्षता
नगर पंचायत-पथरिया
जिला-मुंगेली (छ.ग.)

मुख्य नगर पालिका उपाधीक्षक
नगर पंचायत पथरिया
जिला-मुंगेली (छ.ग.)

NO.	DESCRIPTION	NO.	L	B	H/D	QTY	UNIT	RATE	AMOUNT
1	Providing and applying Aluminium paint minimum 2 coats in all metal surface applying @ 0.75 lt/10 Sqm up to required finish as per relevant IS code 2932: 2013 of (Product such as Asian Apolite aluminium paint, Dulux, Alkristan paint, Burger Superior Aluminium Paint) with all tools tackle and labour etc. complete for the work.					364.97	sqm	43.88	15993.62
DEMOLISH AND REVAMPING WORK									
(BUILDING SOR ITEM NO- 16.3.3/148)	Demolishing brick masonry including arches, stacking of serviceable material disposal of unserviceable material within 50 metres lead. In cement mortar.								
	Wash and Store Area Wall	1.00	12.00	0.20	1.20	5.76			
						5.76	SQ.M	263.89	1514.98
2	Brick work with modular fly-ash fine bricks (FAIG bricks) conforming to IS:12894-2002 of class designation 40 in foundation and plinth in Cement Mortar 1:6 (1 cement : 6 coarse sand) Extra for brick work in superstructure Above plinth level for every floor or part thereof in addition to rate for foundation and plinth.								
	Back Boundary Wall	1	12.00	0.20	1.00	2.40			
						2.40	CUM	3363.00	7831.20
3	Providing and making 15mm.thick cement plaster on the rough side of single or half brickwall of mix. in Cement Mortar 1:6 (1 cement : 6 fine sand)								
	Back Boundary Wall	2	12.00	-	1.00	24.00			
					(A-B)	24.00	SQ.M	107.00	2568.00
TOTAL									32734.63

उप अधिवंता
नगर पंचायत-पथरिया
जिला-मुंगेली (छ.प्र.)

माननीय नगर पंचायत अधिकारी
नगर पंचायत पथरिया
जिला-मुंगेली (छ.प्र.)

**DETAILED ESTIMATE FOR PROPOSED WORK OF
" SLRM CENTRE AT PT. SHYAMA PRASAD MUKHERJEE WARD NO - 08 "
NAGAR PANCHAYAT PATHARIYA, MUNGELI (C.G.)**

" REVENING OF BOUNDARY WALL & FENCING - SLRM "

	PARTICULARS	NO.	L	B	H/D	QTY.	UNIT	RATE (In Rs.)	AMOUNT (In Rs.)
	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 load upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. In all types of soil								
	Main Wall Along Road	10	0.30	0.30	0.80	2.16			
	PWD S.O.R.-P-493-1.1.1					2.16	185.00 cum		399.60
2	Providing and filling in place with sand-Crusher dust and hard material under flow in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete. Building no. 28150mm no. 1.18 Below post	30	0.30	0.30	0.10	8.17	271.00 cum		199.17
	Building no. 28150mm no. 1.18								
2	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundations, plinth and at ground level including cost of form work. 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 10mm nominal size)								
	Main Wall Along Road	30	0.30	0.30	0.70	1.89			
	PWD S.O.R.-P-238-3.1.3					1.89	2976.00 cum		5613.30
4	Steel work in tubular structures in built-up sections, trusses and frame work including cutting, bending, fixing in position upto a height of 5m above plinth level, consisting of columns, trusses, roof and bottom plates, 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 heat welded tubes								
	M 5-40X40x4.00 mm Th. Post @ 4.08kg/ Run	30	2.38		4.08	292.21			
	(S.O.R. Page no. 95.1-9.3.1)					292.21	85.50 Kg		24975.59
5	Providing and placing in position angle iron post and strut of required size including bottom to be split and bent at right angle in opposite direction for required length and drilling holes upto 10 mm dia as per requirement including priming coat with red oxide zinc chromate primer and placing the post/ strut in cement concrete block.								
	Vertical-post	30	2.00	-	-	60.00			
	14.80 KG/MTR					888.00			
	(BUILDING SOR, ITEM NO.- 9.45/95)					888.00	KG	69.50	61716.00
6	Providing and fixing corrugated coil fencing with required dia 6.10 mm (having 50 nos. round per 6 metre length) up to 3m height of wall with existing angle iron "V" shaped placed 2.4 m or 3.30 m apart tied with G.I. staples and G.I. clips to retain horizontal including necessary bolts or G.I. barbed wire tied to angle iron all complete as per direction of Engineer-in-charge with reinforced barbed tape (R.B.T.) / Spring core (2.5mm thick) wire of high tensile strength of 165 kg/ sq.mm with tape 0.32 mm thick and weight 43.478gm/ metre (cost of M.S. angle, C.C. blocks shall be paid separately)								
	(BUILDING SOR, ITEM NO.- 9.40/94)	1	88.00			88.00	MTR	164.00	14432.00

(Signature)
उप अभियंता
नगर पंचायत-पथरिया
जिला-मुंगेली (उ.प्र.)

(Signature)
मुख्य नगर पालिका अधिकारी
नगर पंचायत पथरिया
जिला-मुंगेली (उत्तरप्रदेश)

"RAIN WATER HARVESTING 01/00X1/00X1/20 SD."

मुख्य नगर पालिका क्षेत्रीय
नगर पंचायत पदरिया
जिल्हा मुख्यालय (पदरिया)

**DETAILED ESTIMATE FOR PROPOSED WORK OF
" SLRM CENTRE AT PT. SHYAMA PRASAD MUKHERJEE WARD NO - 08 "
NAGAR PANCHAYAT PATHARIYA, MUNGLI (C.G.)**

" PLUMBING & SANITARY WORK "

PARTICULAR	NO.	L	B	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
Providing and fixing vitreous china water closet (European type W.C. pan) with white ISI marked plastic seat and bid, 10 litre low level white P.V.C. flushing system (same colour), conforming to IS : 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required.								
18.4.2 Coloured pedestal type	1	-	-	-	1.00	EACH	2899.00	2,899.00
(BUILDING SOR ITEM NO.-18.4.161)								
1 (S.1) Providing and fixing water closet separating pan (Indian type W.C. pan), 1000mm round cast iron P or S trap, 10 litre low level P.V.C. flushing system (same colour) conforming to IS : 7231, with flush head and other fittings and fixtures complete including cutting and making good the walls and floors wherever required.								
Coloured Orissa pattern W.C. pan of size 580x440 mm	1	-	-	-	1.00	EACH	2899.00	2,899.00
(BUILDING SOR ITEM NO.-18.1.160)								
3 Providing and fixing 10 litres capacity P.V.C. low level flushing cistern conforming to IS : 7231, with all fittings and fixtures complete.								
18.7.2 Coloured	2	-	-	-	2.00	EACH	725.00	1,450.00
(BUILDING SOR ITEM NO.-18.7.162)								
4 Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required.								
Coloured Size 550x450 mm	1	-	-	-	1.00	EACH	1894.00	1,894.00
(BUILDING SOR ITEM NO.-18.17.162)								
5 Providing and fixing on wall face or under floor UV stabilized Unplasticized 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.								
18.76.1 75 mm dia pipe	1	5.00	-	-	5.00	MTR	182.00	910.00
18.76.2 110 mm dia pipe	1	5.00	-	-	5.00	MTR	267.00	1,335.00
(BUILDING SOR ITEM NO.-18.76.170)								
6 Providing and fixing on wall face UV stabilized Unplasticized - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS : 13592 (heavy) jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.								
Two Tee with door/ Bend 45°/ Bend 90°								
18.77.1.1 75 mm	5	-	-	-	5.00	EACH	111.00	555.00
18.77.1.2 110 mm	5	-	-	-	5.00	EACH	156.00	776.00
Yeast steel								
18.77.3.1 75 mm	4	-	-	-	4.00	EACH	34.00	136.00
18.77.3.2 110 mm	4	-	-	-	4.00	EACH	44.00	176.00
Adjustable door cap								
18.77.4.1 75 mm	10	-	-	-	10.00	EACH	49.50	495.00
18.77.4.2 110 mm	10	-	-	-	10.00	EACH	59.00	590.00
18.77.6 Nuts and Trap 110	10	-	-	-	10.00	EACH	90.50	905.00
(BUILDING SOR ITEM NO.-18.77.170)								
7 Providing and fixing UV stabilized Unplasticized PVC pipe clips of approved design to Rigid PVC pipes by means of 50 x 50 x 50 mm hard wood plugs, screwed with M.S. screws of required length including cutting brick work and fixing in cement mortar 1:4 (cement : A coarse sand) and making good the wall etc. complete.								
18.78.1 75 mm	10	-	-	-	10.00	EACH	57.00	570.00
18.78.2 110 mm	10	-	-	-	10.00	EACH	61.00	610.00
(BUILDING SOR ITEM NO.-18.78.171)								
8 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings viz fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge CONCEALED WORK including cutting chases and making good the walls etc.,								

(Signature)
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जिला-मुंगेली (उ.प्र.)


(Signature)
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	19.3.1 15 mm nominal outer dia. Pipes	1	5.00	-	-	5.00 MTR	133.00	665.00
	19.3.2 20 mm nominal outer dia. Pipes	1	5.00	-	-	5.00 MTR	167.00	835.00
	(BUILDING SOR ITEM NO.-19.3/176)							
	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having stability for hot & cold water supply including all CPVC' joints & flanges complete as per direction of Engineer in Charge-INTERNAL WORK - EXPOSED ON WALL.							
	19.4.3 25 mm nominal outer dia. Pipes	1	5.00	-	-	5.00 MTR	199.00	995.00
	19.4.4 32 mm nominal outer dia. Pipes	1	5.00	-	-	5.00 MTR	273.00	1,365.00
	19.4.5 40 mm nominal outer dia. Pipes	1	5.00	-	-	5.00 MTR	362.00	1,812.00
	(BUILDING SOR ITEM NO.-19.4/176)							
10	Providing and fixing on wall surface (I.I. pipes medium class complete with G.I. fittings and clamps, including cutting, making good the walls etc. and testing of joints complete.							
	19.7.6 50 mm dia. nominal bore	1	5.00	-	-	5.00 MTR	471.00	2,355.00
	(BUILDING SOR ITEM NO.-19.7/177)							
11	Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS 8933 including C.P. brass extensions if required.							
	19.14.1 Bib cock (400 grams)	2	-	-	-	2.00 EACH	382.00	764.00
	19.14.2 Stop cock (approximately 600 grams)	2	-	-	-	2.00 EACH	494.00	988.00
	19.14.3 Filter Cock (400 grams)	2	-	-	-	2.00 EACH	298.00	596.00
	19.14.4 Soap dish plate	2	-	-	-	2.00 EACH	163.00	326.00
	(BUILDING SOR ITEM NO.-19.14/179)							
12	Providing and fixing flexible P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.							
	19.25.2 40 mm dia	4	-	-	-	4.00 EACH	88.00	354.00
	(BUILDING SOR ITEM NO.-19.25.2/184)							
13	Providing and fixing 600x450 mm beveled edge 4mm mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	2	-	-	-	2.00 EACH	899.00	1,798.00
	(BUILDING SOR ITEM NO.-19.25/184)							
14	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing.	2	-	-	-	2.00 EACH	899.00	1,798.00
	19.30.1 5mm thick mirror	2	0.60	0.60	-	0.72 SQ.M	2896.80	1,487.00
	(BUILDING SOR ITEM NO.-19.30/184)							
15	Making connection of G.I. distribution branch in C.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete (dia of main line to be indicated)							
	19.10.4 50 mm nominal bore	3	-	-	-	3.00 EACH	347.00	1,735.00
	(BUILDING SOR ITEM NO.-19.10/178)							
16	Providing and fixing brass gate metal gate valve with C.I. wheel of approved quality (screwed end).							
	19.16.4 50 mm nominal bore	2	-	-	-	2.00 EACH	762.00	1,524.00
	(BUILDING SOR ITEM NO.-19.16/178)							
17	Providing, laying and jointing glazed stoneware pipes grade 'A' with stiff mixture of cement mortar in the proportion of 1:3 (1 cement : 3 fine sand) including testing of joints etc. complete :							
	20.1.1 100 mm diameter	1	10.00	-	-	10.00 MTR	161.00	1,620.00
	(BUILDING SOR ITEM NO.-20.1/189)							
18	Providing and constructing brick masonry chamber for underground pipe and and heads with well burnt modular clay bricks crushing strength not less than 25kg/cm ² in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 455x510 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) foundation concrete 1:2:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design :							
	20.28.1 Inside dimensions 455x510 mm and 45 cm deep for single pipe line	1	-	-	-	1.00 EACH	2796.00	3,796.00
	(BUILDING SOR ITEM NO.-20.28/194)							

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and placing on terrace (at all floor levels) polyethylene water tank 151 : 12780 marked with cover and suitable locking device and making necessary holes for inlet, outlet and overflow pipes. Also fixings and the base support for tank.								
BUILDING SOW ITEM NO:- 15/42/184	1.00	-	-	-	1000.00	LTR	7.30	7,300.00
Total Rs.								46,867.00


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 नगर विकास-सहायिका
 विभाग-मुंबई (उ.प.)

WINDROW COMPOST PLANT
AT PT. SHYAMA PRASAD
MUKHERJEE WARD NO- 08

**DETAILED ESTIMATE FOR PROPOSED WORK OF
" WINDROW COMPOST PLANT AT PT. SHYAMA PRASAD
MUKHERJI WARD NO - 08 "
NAGAR PANCHAYA PATHARIYA, MUNGELI (C.G.)**

B	PT. SHYAMA PRASAD MUKHERJEE, WARD NO. - 08	
	COST OF WINDROW COMPOST PLANT	
	Part - I SOR ITEM	
	CIVIL INFRASTRUCTURE	
1	Windrow Compost Plant 2 TPD	
2	Storage Room	850329.55
3	Leachate Tank	639658.87
4	C.C. Flooring	75225.82
5	Boundary Wall With Fencing	70560.00
		154690.49
	Total - I	1790464.73
	Part - II NON-SOR ITEM	
6	Wheel Barrow	11000.00
7	Compost Sieve Machine	47500.00
	Total	58500.00
	18% GST	10530.00
	Total -II	69030.00
	Total Of Part (I+II)	1859494.73


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मुख्य मन्त्रि
नगर पंचायत पथरिया
जिला-मुंगेली(छत्तीसगढ़)

**DETAILED ESTIMATE FOR PROPOSED WORK OF
" WINDROW COMPOST PLANT AT PT. SHYAMA PRASAD
MUKHERJI WARD NO - 08 "
NAGAR PANCHAYAT PATHARIYA, MUNGLI (C.G.)**

G.P.W.D BUILDING S.O.B. IN FORCE FROM 1 JAN 2015

WINDROW COMPOST PLANT - 1 TPD

DESCRIPTION OF ITEM	NO	MEASUREMENT			QTY	RATE	UNIT	AMOUNT
		L	B	H/D				
II	III	IV	V	VI	VII	VIII	IX	X
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 load upto 50m (at least 5m away from the excavated area), including dressing and level								
1.1.1 In all types of soils.								
F1(500X1500)	12	1.50	1.50	1.70	45.90			
For Beam	1	51.80	0.40	0.20	4.14			
total					50.04	185.00	cum	9258.14
2 1.18 Providing and filling in plinth with sand/ Crusher dust and hard material under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc complete.								
Footling								
F1(500X1500)	12	1.50	1.50	0.10	2.70			
For Beam	1	51.80	0.40	0.10	2.07			
total					4.77	371.00	cum	1779.48
3 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.								
3.1.5 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 40mm nominal size).								
Footling								
F1(500X1500)	12	1.50	1.50	0.10	2.70			
For Beam	1	51.80	0.40	0.10	2.07			
total					4.77	2979.00	cum	14172.94
4 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 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20mm nominal size).								
F1(500X1500)	12	1.50	1.50	0.30	6.00			
Subtotal a					6.00			
Column upto G.L.								
C1(300X300)	12	0.30	0.30	1.20	1.20			
Subtotal b					1.20			
Column above G.L.								
C1(300X300)	12	0.30	0.30	0.75	0.91			
Subtotal c					0.91			
Plinth Beam								
	3	51.80	0.30	0.40	6.22			
Subtotal d					6.22			
total					14.41	4363.00	cum	59972.18
5 5.1 Providing and fixing form work including centring, slanting, strutting, staging, propping bracing etc. complete and including its removal								
5.1.1 Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.								
Footling								
F1(1500X1500)	1	12	5.20	0.30	18.75			
Column upto G.L.								
C1(300X300)	1	12	1.20	1.20	17.28			
Column above G.L.								
C1(300X300)	1	12	1.20	0.75	10.80			
Plinth Beam								
	1	3	51.80	0.40	41.44			

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मुख्य मंत्री पालिका अधिकारी
नगर पंचायत पथरिया
जिला-मुंगेली (छतीसगढ़)

DESCRIPTION OF ITEM	NO	MEASUREMENT				QTY	RATE	UNIT	AMOUNT
		L	B	H/D					
		CM	CM	M	M	CM	CM	CM	CM
						88.24	129.00	sqm	12265.56
Providing and placing in position reinforcement for concrete work including straightening, cutting, bending, binding complete as per drawings including cost of binding wire in place and plinth all complete.									
12.1 Thermo-Mechanically treated bars FE 415									
Rebar			6.08		80.00	486.72			
Column			2.11		80.00	168.80			
Plinth Beam			6.22		80.00	497.20			
total						1152.48	54.50	Kg	62810.16
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.									
with of excavated Qty.						30.05			
total						30.05	65.00	cum	1951.72
1.18 Providing and filling in plinth with sand/ Crusher dust and hard mortar under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc complete.									
Window Shed and Wet Tipping Platform	1	20.90	6.20	6.30		58.87			
total						58.87	271.00	cum	14422.29
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 gradal 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.									
Window Shed and Wet Tipping Platform	1	20.90	6.20			129.58			
total						129.58	441.00	cum	57144.78
10 7.5 Brick work with modular fly-ash lime bricks (Pa/L0 Bricks) conforming to IS:12894-2002 of class designation 4.0 in foundation and plinth in.									
7.5.3 Cement Mortar 1:4 (1 cement : 4 coarse sand)									
Wall	1	51.80	0.20	0.35		3.63			
Subtotal						3.63			
Deductions									
Opening	1	6.20	0.20	0.35		0.87			
Subtotal						0.87			
total						2.76	3384.00	cum	9333.87
11 11.2 Providing and making 12mm thick cement plaster of mix 1:2.4 In Cement Mortar 1:6 (1 cement : 6 fine sand)									
Internal wall	1	1	51.80		0.35	18.13			
C1(200X300)	1	12	0.30		0.35	1.26			
Subtotal						19.39			
Openings									
Opening	2	6.20			0.35	4.34			
Subtotal						4.34			
total						15.05	91.50	sqm	1377.68
12 11.3 Providing and making 15mm thick cement plaster on the rough side of single or half brick wall									
11.3.3 In Cement Mortar 1:5 (1 cement : 5 fine sand)									
External Wall	1	1	51.80		0.35	18.13			
C1(300X300)	1	12	0.30		0.35	1.26			
Subtotal						19.39	113.00	sqm	2191.87
total									

उप जीमिनी
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मुजफ्फर जीमिनी
नगर विकास पथरिया
जिला-मुंगेर (उ.प्र.)

DESCRIPTION OF ITEM	NO	MEASUREMENT			QTY	RATE	UNIT	AMOUNT
		L	B	H/D				
II	III	IV	V	VI	VII	VIII	IX	X
Providing and fixing precast galvanized steel sheet accessories 0.50 mm +/- 5% total coated thickness (Zinc coating 120gms as per IS: 277 is 240gms steel sheet, 5-7 microns epoxy primer on both side of the sheet and regular top coat 15-18 microns using self drilling/ self tapping screws or with polymer coated J or L hooks, balm and nuts and or								
10.15.1 Ridge plain (500-600mm)								
Ridge	1	22.30			22.30			
total					22.30	552.88	mtr	12309.69
10.15.5 Gutter, (900 mm over all girls)								
Gutter	2	22.30			44.60			
total					44.60	612.88	mtr	27051.40
19 Providing and applying Aluminium paint minimum 2 coats in all metal surface applying @ 0.75 lit/ 10 Sqm up to required finish as per relevant I.S. code 2852: 2013 of (Product such as Asian Apcolite aluminium paint, Dulux Aluminium paint, Berger Superior Aluminium Paint) with all tools tackle and labour etc. complete for the work.								
As per Amendment no 08, 05/05/2025 item no.14.76								
On Steel Structure								
gate	1.5	2	48.00		144.00			
Truss	1.5	2	177.99		533.79			
total					677.79	43.89	sqm	29141.18
20 18.76 Providing and fixing on wall face or under floor UV stabilized Unplasticized Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS : 13592 (4kg/sqm) including required couplers, jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal								
18.76.2 110 mm dia pipe.								
Rain water Pipe	8	4.00			24.00			
total					24.00	267.00	mtr	6408.00
Total								187742.17
Add 8% Electrical and Plumbing Work								15019.37
Grand Total for 1 Window Shed								202761.55


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 (नगर पंचायत-पथरिया)
 नगर पंचायत-पथरिया
 जिला-मुंगेर (उ.प्र.)

**DETAILED ESTIMATE FOR PROPOSED WORK OF
" WINDROW COMPOST PLANT AT PT. SHYAMA PRASAD
MUKHERJI WARD NO - 08 "
NAGAR PANCHAYA PATHARIYA, MUNGELI (C.G.)**

" STORAGE ROOM "

SQR	PARTICULARS	NO.	L	B	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
1.2	Surface dressing of the ground including removing vegetation and making up undulations and in-equalities 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	13.50	7.00	-	94.50			
					Total	94.50	Sqm	7.20	680.00
2	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 leveling of pits.								
	1.1.1								
	In all types of soil								
	Feetling								
	F1	8	1.50	1.50	1.80	32.40			
	Below Plinth								
	Long Wall	2	10.70	0.40	0.30	1.71			
	Short Wall	2	4.40	0.40	0.30	0.70			
	step	1	1.20	1.00	0.20	0.24			
					Total	35.05	Cum	185.00	6484.00
3	2								
	Extra for every additional lift of 1.5 m or part thereof.								
	1.6.1								
	All types of soil								
	F1	8	1.50	1.50	0.30	5.40			
					Total	5.40	Cum	26.50	143.00
4	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.								
						21.63			
	Filling At Side 60%				Total	21.63	Cum	65.00	1367.00
5	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	8	1.50	1.50	0.10	1.80			
	Floor	1	11.10	4.60	0.50	25.53			
	step	1	1.20	1.00	0.20	0.24			
	Long Wall	2	10.70	0.40	0.10	0.86			
	Short Wall	2	4.40	0.40	0.10	0.35			
					Total	28.78	Cum	371.00	10677.00
6	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).								

प्रमाणित
नगर पंचायत-मथरिया
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मुता नरि एडिमा अभिनारी
नगर पंचायत-मथरिया
जिला-मुंगेली (उ.प्र.)

PARTICULARS		NO.	L	B	H/D	QTY.	UNIT	RATE (In Rs.)	AMOUNT (In Rs.)
Below Footing									
	F1	8	1.50	1.50	0.10	1.80			
	Floor Area	1	10.70	4.40	0.10	4.71			
Below Plinth Beam									
	Long Wall	2	10.70	0.30	0.10	0.64			
	Short Wall	2	4.40	0.30	0.10	0.26			
	step	1	1.20	1.00	0.10	0.12			
					Total	7.53	Cum	2970.00	22364.00

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	10.70	0.30	0.05	0.21		
		Short Wall	2	4.40	0.30	0.05	0.09		
					Total	0.30	Cum	4237.00	1371.00

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	10.70	0.20	-	4.28		
		Short Wall	2	4.40	0.20	-	1.76		
					Total	6.04	Sqm	92.50	565.00

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.							
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	3.2.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).							
		Footing							
		F1	8	1.20	1.30	0.30	3.46		
		Column (Upto Ground Level)							
		C1	8	0.20	0.30	1.30	0.62	2.15	
		Column (Ground Lvl to Plinth Lvl)							
		C1	8	0.20	0.30	0.60	0.29		
		Column (Abv. Plinth Top to GF Slab Top)							
		C1	8	0.20	0.30	3.10	1.49		
		Plinth Beams							
		Outer at Ground Lvl							
		Long Wall	2	10.70	0.20	0.45	1.93		
		Short Wall	2	4.40	0.20	0.45	0.79		
		Lintel Beam							
		Long Wall	1	10.70	0.20	0.15	0.32		
		Chajja							
		Long Wall	1	11.50	0.60	0.075	0.53		
		Slab Beam							
		Long Wall	2	10.70	0.20	0.45	1.93		
		Short Wall	4	4.40	0.20	0.45	1.58		
		Slab							
		All Area	1	10.90	4.80	0.125	6.54		
					Total	19.47	Cum	4163.00	81094.00

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.							
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	3.12.1	Thermo-Mechanically treated bars FE 415							
		As per Item No-	1	19.47	-	-	19.47		

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मुख्य नगर पालिका अधिकारी
नगर पंचायत पथरिया
जिला-मुंगेली (उ.प्र.)

PARTICULARS		NO.	L	B	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
					Total	19.47	Cum		
② 100kg /Cum of Concrete		1	19.47	-	100.00	1947.00			
					Total	1947.00	Kg	54.50	106113.00
2.1	Providing and fixing form work including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:								
2.1.1	Foundations, footings, bases of columns plinth beams, curtain wall in any shape and size and all type of wall below plinth level.								
Footings									
	F1	8	4.80	-	0.30	11.52			
Column (Up to Ground Level)									
	C1	8	1.00	-	1.30	10.40			
Column (Ground Lvl to Plinth Lvl)									
	C1	8	1.00	-	0.60	4.80			
Plinth Beams									
Outer at Ground Lvl									
	Long Wall	3	10.70	-	0.90	19.26			
	Short Wall	3	4.40	-	0.90	7.92			
					Total	53.90	Sqm	139.00	7492.00
2.1.5	Columns, Pillars, Piers and Bases- rectangular or square in shape								
Column (Abv. Plinth Top to GP Slab Top)									
	C1	8	1.00	-	3.10	24.80			
					Total	24.80	Sqm	297.00	7346.00
2.1.13	Weather shade, chhajja, Cornices and moldings								
	Long Wall	1	11.50	0.60	-	6.90			
	Side	1	12.70	-	0.10	1.27			
					Total	8.17	Sqm	294.00	3402.00
2.1.8	Beams, lintels, cantilevers & walls								
Lintel Beams									
	Long Wall	2	10.70	-	0.15	3.21			
Slab Beams									
	Long Wall	4	10.70	-	0.45	19.26			
	Short Wall	8	4.40	-	0.45	15.84	35.10		
					Total	38.31	Sqm	202.00	7739.00
2.1.7	Suspended floor, roof, access platform, balconies (plain surfaces) and shelves (cast in situ)								
Slab									
	All Area	1	11.30	4.80	-	54.24			
					Total	54.24	Sqm	235.00	12746.00
2.1.4	Edge of slab, breaks in floor and walls upto 200mm								
Slab Edges at Slab Lvl		1	32.20	-	-	32.20			
					Total	32.20	Rm	34.00	1095.00
12	7.5	Brick work with modular fly-ash lime bricks (FAUD Bricks) conforming to IS:12894-2002 of class designation 4.0 in foundation and plinth in:							
	7.5.4	Cement Mortar 1:4 (1 cement : 4 coarse sand)							
	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	0.32	Cum	3263.00	1057.00


 राजेंद्र प्रसाद
 नगर पंचायत-पथरिका
 जिला-मुंबेली (उ.प्र.)

मुख् नगर पालिका अधिकारी
 नगर पंचायत पथरिका
 जिला-मुंबेली (उत्तराखण्ड)

PARTICULARS		NO.	L	B	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
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: Cement Mortar 1:6 (1 cement : 6 coarse sand) 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	10.70	0.20	2.95	12.63		
		Short Wall	2	4.40	0.20	2.95	5.19		
		Parapet	2	11.50	0.20	0.60	2.76		
			2	4.60	0.20	0.60	1.10		
		Deduction							
		D	2	1.20	0.20	2.10	-1.01		
		W	2	1.50	0.20	1.20	-0.72		
						Total	19.95	Cum	3384.00 67511.00
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: 1385 milled 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	1.20	-	1.20	3.60		
						Total	3.60	Sqm	
		For Weight	1	3.60	x	15.00	54.00	Kg	
						Total	54.00	Kg	338.00 18352.00
15	12.79.1 AS PER AMMEN DMENT	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.							
		12.79.1 Size 600x600mm							
		area	1	11.10	4.60		51.06		
						Total	51.06	Sqm	1082.00 55247.00

उप अभियंता
नगर पंचायत-पथरिया
जिला-मुंगेर (बिहार)

मुख्य नगर पालिका अधिकारी
नगर पंचायत पथरिया
जिला-मुंगेर (बिहार)

		PARTICULARS	NO.	L	B	H/D	QTY.	UNIT	RATE (In Rs.)	AMOUNT (In Rs.)
12.50		KOTA stone slab 25mm thick in riser and treads of steps, skirting dado and pillar laid in 12mm (Average) thick cement mortar 1:3 (1 cement : 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete. (single stone is to be used for riser and treads of steps and the width of stone for skirting and dado shall be equal to the height of skirting/ dado up to length of 1.0 M.)								
		Steps	4.00	1.20	0.75		3.60			
							3.60	sqm	999.00	3564.00
16	11.1	Providing and making 6mm thick cement plaster of mix.								
	11.1.2	In Cement mortar 1:4 (1 cement : 4 fine sand)								
							24.80			
							8.17			
							35.10			
							54.24			
			1	32.20		0.125	4.03			
						Total	126.34	Sqm	87.00	10991.00
17	11.2	Providing and making 12mm thick cement plaster of mix.								
	11.2.4	In Cement Mortar 1:6 (1 cement : 6 fine sand)								
			2	11.10		3.00	66.60			
			2	4.60		3.00	27.60			
		Deduction								
		D	2	1.20		2.10	-5.04			
		W	2	1.50		1.20	-3.60			
						Total	85.56	Sqm	91.50	7829.00
18	11.3	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix.								
	11.3.4	In Cement Mortar 1:6 (1 cement : 6 fine sand)								
		Outer Plaster								
		Long Wall	2	11.50	-	5.10	117.30			
		Short Wall	2	5.00	-	5.10	51.00			
		Deduction								
		D	2	1.20		2.10	-5.04			
		W	2	1.50		1.20	-3.60			
						Total	159.66	Sqm	107.00	17084.00
19	As per Amend ment no 08, 05/05/2 025 item no.14.57	Providing and applying 2mm thick white cement based Acrylic grade putty with minimum 3 coats applied @ 4.0 kg/ 105sqm as per relevant IS code: 17545:2021 (Product such as Asian trucons, Berger Happy walls Putty Birla Opus One pro smooth) to make the surface smooth and even with all tools tackles and labour etc. complete for the work . (This item to be use in higher grade painting works Item No. 14.65)								
		As per Item No-	16	-	-	-	126.34			
		As per Item No-	17	-	-	-	85.56			
		As per Item No-	18	-	-	-	159.66			
						Total	371.56	Sqm	95.00	35298.00

उप अभियंता
नगर पंचायत-पथरिया
जिला-मुंबई (उ.प्र.)

मुख्य नगर पालिक अभियंता
नगर पंचायत पथरिया
जिला-मुंबई (उ.प्र.)


PARTICULARS		NO.	L	B	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
As per Amendment no 08, 05/05/2025 Item no.16.60	Providing and applying of Acrylic primer on all surface applied @ 0.80 ltr/10-sqm as per relevant L.S. code 15489:1974 (Product such as Asian Spark/supreme, J.K. Primer, Dulux Acrylic Primer) with all tools tackles and labour etc. complete for the work.								
			-	-	-	371.56			
					Total	371.56	Sqm	37.00	13748.00
21 As per Amendment no 08, 05/05/2025 Item no.16.62	Providing and applying Acrylic washable Distemper or the economy Plastic emulsion paint having VOC content less than 50gms/ ltr 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 Duvel, Berger Bison, Opus Style/the economy emulsion product such as Asian Tector Spark Dulux Promise sheen, Nerolac Lilt Master, Berger Bison Lite, Nippon Superia.) inclusive of providing abra tape on edges and article and cleaning of door, windows, floor and surface as required with all tool tackles and labour complete for the work								
14.9.1	On new work (Two or more coats)		-	-	-	85.56			
			-	-	-	126.34			
					Total	211.90	Sqm	64.00	13561.00
22 As per Amendment no 08, 05/05/2025 Item no.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 ltr / 10Sqm up to final finish as per relevant L.S. Code 15489:2013 Type -2 Class D,C (Glossy /Semi Glossy finish) (Product such as Asian Ace,Dulux Promise Exterior Berger Wall Master ,Nerolac Suraksha Plus ,Nippon Shogun Opus, One Style Power Bright) inclusive of providing abra tape on edges and article and cleaning of door, windows, floor and surface as required with all tool tackles and labour etc. complete for the work (With 2 Year Warranty)								
			-	-	-	159.66			
					Total	159.66	Sqm	70.00	11176.00
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	11.50	5.00		57.50			
					Total	57.50	Sqm	611.00	35133.0

उप निवेदिता
नगर पंचायत-पथरिया
जिला-मुंगेर (उ.प्र.)


मुख्य नगर पालिका अधिकारी
नगर पंचायत पथरिया
जिला-मुंगेर (उत्तरप्रदेश)

	PARTICULARS	NO.	L	B	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
	Providing 40x5mm iron hold fast 40cm long including fixing to frame with 10mm bolts run and wooden plug and embedding in Cement Concrete 1:2:4 in blocks of size 30x10x15cm.								
	DOOR	12	-	-	-	12.00			
					Total	12.00	Each	72.50	870.0
21	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)								
	8.13 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	2	1.20	-	2.10	5.04			
					Total	5.04	Sqm	2057.00	10367.0
24	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 & Se	12	-	-	-	12.00			
					Total	12.00	Each	195.00	2340.0
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 & Se	2	-	-	-	2.00			
					Total	2.00	Each	344.00	688.0
28	8.61 Providing and fixing brass door latch with brass polished MS screws complete:								
	8.61.2 250x16x5 mm								
	Providing post water proofing treatment against dampness & Se	2	-	-	-	2.00			
					Total	2.00	Each	268.00	536.00
29	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 & Se	2	-	-	-	2.00			
					Total	2.00	Each	231.00	462.0
30	8.65 Providing and fixing bright finished brass door handles with brass polished MS screws complete:								
	8.65.1 125 mm								
		4	-	-	-	4.00			
					Total	4.00	Each	55.50	222.0


 उप अभियंता
 नगर पंचायत-पथरिया
 जिला-मुंगेर (बिहार)


 मुख्य मीर पतिना अधिकारी
 नगर पंचायत पथरिया
 जिला-मुंगेर (बिहार)

		PARTICULARS	NO.	L	B	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
5		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			
							3.60	Sqm		
		For Qty of steel = Area x 30.0 kg/Sqm	1	3.60	x	30.00	108.00			
						Total	108.00	kg	67.50	7290.0
32	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			
						Total	3.60	Sqm	708.00	2549.0
33	As per Amend ment no 08, 05/05/2025 Item no.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, Dux Aluminium paint, Burger Superior Aluminium Paint) with all tools tackle and labour etc. complete for the work								
	14.22.2	Premium synthetic enamel paint								
		On Steel work								
		As per item No-	0	-	-	-	3.60			
		On Wood work	2	1.20	x	2.10	5.04			
						Total	8.64	Sqm		
		For Area for Painting	1	8.64	x	2.50	21.60			
						Total	21.60	Sqm	43.00	929.0
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	582.0
Total Rs.										586343.00
Add 9% Extra For Electrical and Plumbing Work Rs										52815.87
Grand Total Rs.										639658.87


 उप अधीक्षक
 नगर विकास-प्रशासिका
 नगरपालिका (उ.प.)


 उप अधीक्षक
 नगर विकास-प्रशासिका
 नगरपालिका (उ.प.)

**DETAILED ESTIMATE FOR PROPOSED WORK OF
" WINDROW COMPOST PLANT AT PT. SHYAMA PRASAD
MUKHERJI WARD NO - 08 "
NAGAR PANCHAYAT PATHARIYA, MUNGLI (C.G.)**

" PROPOSED LEACHATE TANK 3.00X2.00X1.50 M "


	PARTICULARS	NO.	L	B	H/B	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
1	Excavation for all types and sizes of foundation trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and least upto 50m far from the excavated area, including drenching and hauling of pits. 1:1:1 in all types of soil	1	3.70	3.70	0.15	13.33	CUM	183.00	2441.01
	BUILDING SOE ITEM NO.-1.1/9								
1	Filling from available excavated stuff (Excluding rock) in trenches, pits, sides of foundation etc. in layers not exceeding 20cm. in depth consolidating each deposited layer by ramming and watering with a least upto 500k. And lift upto 1.5M.	1	3.70	3.70	0.15	13.33			
	Excavated Area-	1	3.70	3.70	0.15	13.33			
	Deduction Tank Area-	-1	3.40	3.40	0.20	-19.44			
	P.C.C.-	-1	3.70	3.70	0.15	-0.21			
	BUILDING SOE ITEM NO.-1.17/11					10.87	CUM	55.00	597.09
2	Providing and filling in pits with waste/ Crusher dust and hard material under floor in layers not exceeding 20cm. in depth consolidating each deposited layer by ramming and watering, including drenching etc. complete.	1	3.70	3.70	0.15	3.31	CUM	321.00	1064.43
	BUILDING SOE ITEM NO.-1.18/11								
4	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation, pits and at ground level excluding cost of form work. 3:1:3 1:1/4 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).	1	3.70	3.70	0.15	3.31	CUM	2870.00	9596.37
	BUILDING SOE ITEM NO.-3.1.3/13								
2	Providing and laying nominal mix reinforcement cement concrete with crushed stone aggregate using concrete mixer in all works upto floor level excluding cost of reinforcement and form work. 3:2:1 1:1 1/2 (1 cement : 1/2 coarse sand : 3 graded stone aggregate 20mm nominal size).	1	3.40	3.40	0.15	1.94			
	Bottom Slab-	1	3.40	3.40	0.15	1.94			
	Top Slab-	1	3.40	3.40	0.15	1.94			
	Deduction	-2	0.60	0.60	0.15	-0.71			
	BUILDING SOE ITEM NO.-3.2.1/13					3.78	CUM	4143.00	15736.14
4	Providing and fixing form-work including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for foundations, footings, bases of columns, pits, beams, concrete wall in any shape and size and all type of wall below plinth level.	1	14.40	-	0.15	3.16			
	BUILDING SOE ITEM NO.-3.1.5/16					3.16	SQ.M	129.00	408.00
7	3.1.7) Suspended floors, roofs, access platforms, balconies (plain surfaces) and shelves (not in situ)	1	3.40	3.40	-	12.96			
	Top Slab-	1	3.40	3.40	-	12.96			
	side	1	14.40	-	0.15	3.16			
	Deduction	-2	0.60	0.60	-	-0.72			
	BUILDING SOE ITEM NO.-3.1.7/16					14.40	SQM	215.00	3096.00
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 RE 415					3.78			
	BUILDING SOE ITEM NO.-3.12.1/24					300.40	KG	54.50	16480.80
	BUILDING SOE ITEM NO.-7.5.4/49								
	Cement Mortar 1:6 (1 cement : 6 coarse sand)								
	Terms for brick work in superstructure								
	BUILDING SOE ITEM NO.-7.6/42								
	Leachate Tank Wall	1	14.40	0.20	1.50	4.32			
						4.32	CUM	3384.00	14678.88
10	Providing and making 6 mm thick cement plaster of s/s								
	BUILDING SOE ITEM NO.-11.1/103								
	1:1.2:3 in Cement mortar 1:4 (1 cement : 4 fine sand)								
	Inside Plaster	1	14.40		1.50	21.60			
						21.60	SQM	87.00	1879.20

प्रमाणित
नगर पंचायत-पथरिया
जिला-मुंगेली (छ.ग.)

मुख्य कार्यपालक अधिकारी
नगर पंचायत पथरिया
जिला-मुंगेली (छ.ग.)

PARTICULAR		NO.	L	B	H/D	QTY.	UNIT	RATE (In Rs.)	AMOUNT (In Rs.)
Providing M.S. foot rests including fixing in modules with 20x20x10 on concrete blocks 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) as per standard design.						1.00	NOS.	336.00	336.00
20.1.11 With 20x20 mm square bar		1	-	-	-				
BUILDING SQR ITEM NO.-20.11/191)									
Providing and fixing in position precast R.C.C. manhole cover and frame 1 D.						2.00	EACH	1631.00	3262.00
2.5 of required shape and approved quality		2	-	-	-				
Rectangular shape 600x450mm internal dimensions									
BUILDING SQR ITEM NO.-20.15.1/192)									
13 25mm thick cement concrete flooring with 1:2:4 cement concrete (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5 mm nominal size) finished with flooring coat of best cement.		1	3.00	3.00	-	10.00	SQM	165.00	1650.00
BUILDING SQR ITEM NO.-12.3/111)									
14 Providing and fixing on wall face or under floor UV stabilized Unplasticized Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS 13592 (4kg./sqm) including required couplers, joining with seal ring conforming to IS 5382 leaving 10 mm gap for thermal expansion etc complete.						10.00	MTR	440.00	4400.00
150 mm dia pipe.									
Leachate Drain Pipeline		1	10.00	-	-				
BUILDING SQR ITEM NO.- 18.76/179)									
Cost of 1 Leachate Tank Rs.									73335.83


 स.प. अभियंता
 नगर पंचायत-पथरिया
 जिला-मुंगेर (उ.प्र.)


 मुख्य नगर पालिका अभियंता
 नगर पंचायत पथरिया
 जिला-मुंगेर (उत्तरप्रदेश)

**DETAILED ESTIMATE FOR PROPOSED WORK OF
" WINDROW COMPOST PLANT AT PT. SHYAMA PRASAD
MUKHERJI WARD NO - 48 "
NAGAR PANCHAYA PATHARIYA, MUNGELI (C.G.)**

" EXTERNAL C.C. FLOORING "

PARTICULAR	NO.	L	B	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
12 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.	1.00	160.00	-	-	160.00			
				Total	160.00	SQ. M	441.00	70560.00
(BUILDING SQR ITEM NO.12.4/11)								
							Total Rs.	70560.00



उप अधिव्यंता
नगर पंचायत-पथरिया
जिला-मुंगेली (छ.प्र.)



मुख्य मीर एंगल अधिकारी
नगर पंचायत पथरिया
जिला-मुंगेली (छ.प्र.)

**DETAILED ESTIMATE FOR PROPOSED WORK OF
" WINDROW COMPOST PLANT AT PT. SHYAMA PRASAD
MUKHERJI WARD NO - 08 "
NAGAR PANCHAYA PATHARIYA, MUNGELI (C.G.)**

CHAINLINK FENCING

DESCRIPTION	No.	L	W	H/D	QTY	Rate	Unit	Amount (Rs.)
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 load upto 50m (or least 5m away from the excavated area), including dressing and leveling of pits. In all types of soil PWD S.O.R.-P-09/1-1.1.1 Main Wall Along Road	1	50.00	0.50	0.80	20.00			
total					20.00	185.00	cum	3700.00
2 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 .PWD S.O.R.-P-09/1-1.17								
					20.00			
Deduction					-2.50			
					-2.50			
					-7.50			
					7.50	65.00	cum	487.50
5 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 2015 item no. 1.18								
below pcc	1	50.00	0.50	0.10	2.50	371.00	cum	927.50
6 Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work. 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size). PWD S.O.R.-P-23/1-3.1.3 Main Wall Along Road	1	50.00	0.50	0.10	2.50			
total					2.50	2970.00	cum	7425.00
7 7.5 Brick work with modular flyash 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] PWD S.O.R.-P-45/1-7.5.4 up-to Ground Level Main Wall Along Road	1	50.00	0.30	0.30	4.50			
	1	50.00	0.20	0.30	3.00			
total					7.50	3263.0	cum	24472.50


 उपेन्द्र
 नगर पंचायत-पथरिया
 जिला-मुंगेली (उ.प्र.)


 अनुराधा
 नगर पंचायत पथरिया
 जिला-मुंगेली (उत्तरप्रदेश)

	DESCRIPTION	No.		L	W	H/D	QTY	Rate	Unit	Amount (Rs.)
8	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) PWD S.O.R.-P-45/1-7.5.4									
	Above Ground Level Main Wall Along Road		1	50.00	0.20	0.55	5.50			
	Deduct		21	0.20	0.20	0.55	-0.46			
	total						5.04	3263.00	cum	16450.96
9	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-24/1-3.13									
	PWD S.O.R.-P-24/1-3.13									
	Main Wall Along Road		1	50.00	0.20	0.05	0.50			
	total						0.50	4237.00	cum	2118.50
10	12mm thick cement plaster of mix: In Cement Mortar 1:6 (1 cement : 6 fine sand) PWD S.O.R.-P-103/1-11.2.4 Main Wall Along Road Subtotal									
	Main Wall Along Road	2	1	50.00		0.70	70.00			
	total						70.00	91.50	sqm	6405.00
11	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 Sundsha 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						70.00			
	total						70.00	55.00	sqm	3850.00
12	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 [S.O.R. Page no. 85 1- 9.3.1]									
	M S 40X40 x4.00 mm Th. Post @ 4.09kg/ Rmt	21	2.35			4.09	200.24			
	M S Frame 20x20x2.80 mm Th. partition pipe @ 1.56 kg/ Rmt	21	7.70			1.56	160.42			
	Bottom /Side	12	21	0.05		1.56	19.50			
	total						380.16	88.50	Kg	33643.83

प्रमाणित
नगर विकास-नगरिया
विभाग, गेहली (प्र.म.)

मु. नगरपालिका
नगर विकास कार्यालय
विभाग, गेहली (प्र.म.)

