

प्रेषक,

मनोज कुमार सिंह,
अपर मुख्य सचिव,
उ0प्र0 शासन।

सेवा में,

समस्त जिलाधिकारी,
उत्तर प्रदेश।

पंचायतीराज अनुभाग-3

लखनऊ: दिनांक: 11 जनवरी, 2023

विषय:- ग्राम पंचायतों में एकीकृत ठोस अपशिष्ट प्रबन्धन केन्द्र के सम्बन्ध में।
महोदय,

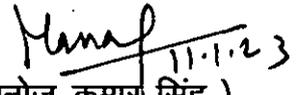
उपर्युक्त विषयक शासनादेश संख्या-1040/33-3-2021-116/2020 दिनांक 22.06.2021 का कृपया संदर्भ ग्रहण करें, जिसके द्वारा स्वच्छ भारत मिशन (ग्रामीण) फेज-2 योजनान्तर्गत ग्राम पंचायतों में एकीकृत ठोस अपशिष्ट प्रबन्धन केन्द्र के निर्माण के लिए 1500 वर्ग मीटर की भूमि चयनित किए जाने के निर्देश निर्गत किए गए हैं।

2- इस सम्बन्ध में मुझे यह कहने का निदेश हुआ है कि जनपदों द्वारा विभिन्न ग्राम पंचायतों में 1500 वर्ग मीटर भूमि की उपलब्धता न होने एवं इतनी मात्रा में ठोस अपशिष्ट उत्पन्न न होने की स्थिति में शासन द्वारा सम्यक् विचारोपरान्त एकीकृत ठोस अपशिष्ट प्रबन्धन केन्द्र हेतु न्यूनतम भूमि के क्षेत्रफल 1500 वर्ग मीटर की अनिवार्यता में शिथिलता प्रदान करते हुए 480 वर्ग मीटर की स्वीकृति प्रदान जाती है।(प्रारूप संलग्न)

अतः इस प्रकरण में प्रशासनिक एवं वित्तीय नियमों का कड़ाई से पालन करते हुए वित्तीय वर्ष 2022-23 हेतु चयनित समस्त ग्राम पंचायतों में स्थान की उपलब्धता एवं उनकी आवश्यकता के अनुसार गुणवत्तापरक एकीकृत ठोस अपशिष्ट प्रबन्धन केन्द्र/आर.आर.सी. सेन्टर का निर्माण कराने तथा ग्राम पंचायतों को ओ.डी.एफ. प्लस करने की कार्यवाही कराना सुनिश्चित करें।

संलग्नक:-यथोक्त।

भवदीय,


(मनोज कुमार सिंह)
अपर मुख्य सचिव।

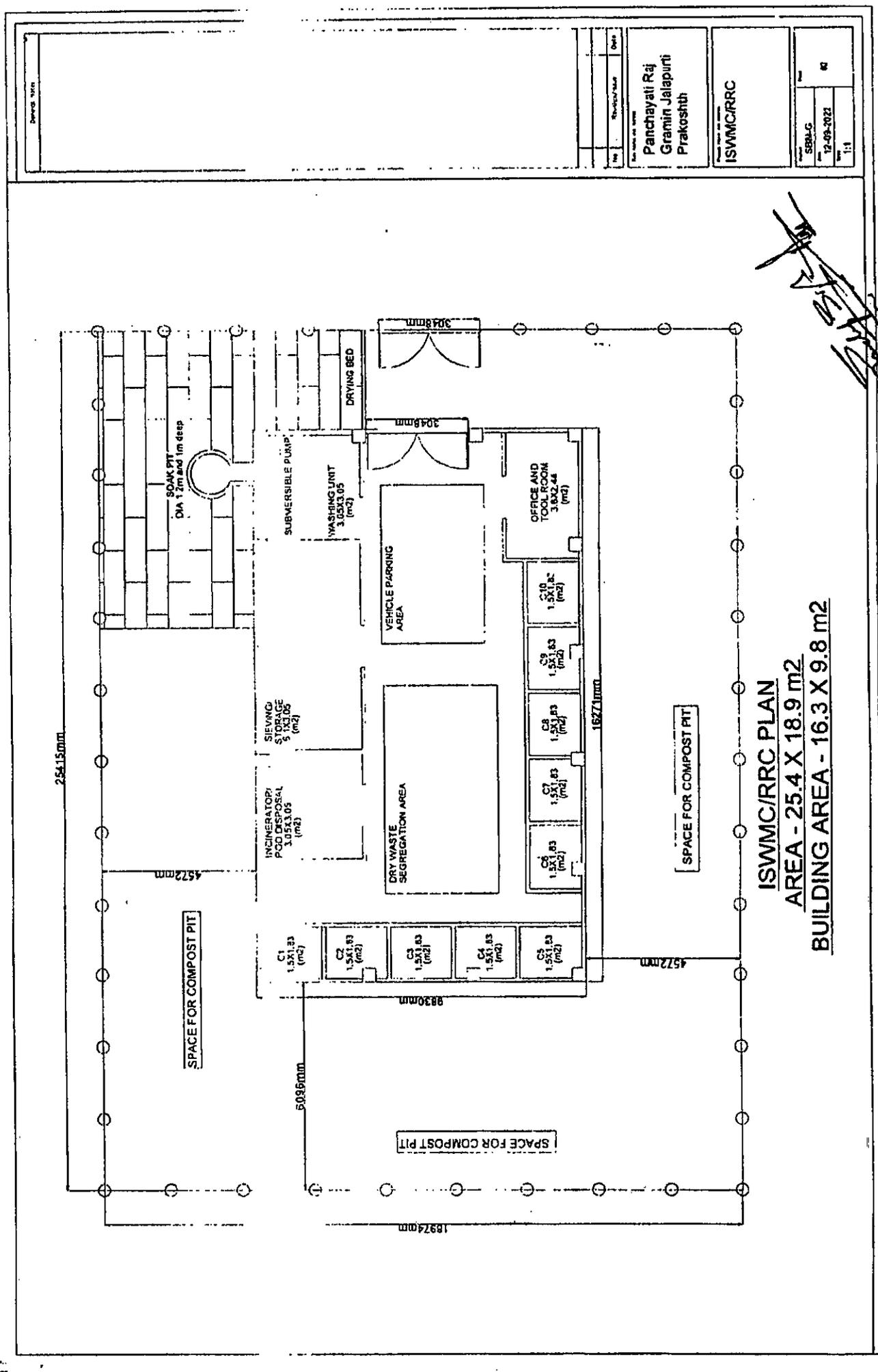
संख्या व दिनांक:- तदैव।

प्रतिलिपि:- निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।

- 1- समस्त मण्डलायुक्त, उत्तर प्रदेश।
- 2- मिशन निदेशक, स्वच्छ भारत मिशन (ग्रामीण), उत्तर प्रदेश।
- 3- समस्त मुख्य विकास अधिकारी, उत्तर प्रदेश।
- 4- समस्त जिला पंचायत राज अधिकारी, उत्तर प्रदेश।

आज्ञा से,


(अवधेश कुमार खरे)
संयुक्त सचिव।



Handwritten signature and date:
 12/09/2022

ISWMC/RRC PLAN
AREA - 25.4 X 18.9 m²
BUILDING AREA - 16.3 X 9.8 m²

Details of Measurement (ISWMC CENTRE)

Construction of Integrated Solid Waste Mangement Centre District-Kanpur nagar

S.No.	Particulars	No.		Length	width	H/Depth	Quantity	Unit	
		2	3						4
1	E/W in excavation in trenches for found. Pipes cable etc in ordinary soil i/c lift upto 1.5 m. Lead upto 50 m and dressing of of sides and ramming of bottom and disposal of surplus excavated earth as directed by E/I within a lead of 50m. S.I. No. 251								
	Tin Shed	1	14	0.90	0.90	0.90	10.21	cum	
		1	2	15.62	0.60	0.60	11.25	cum	
		1	2	8.32	0.60	0.60	5.99	cum	
		1	2	4.02	0.60	0.60	2.89	cum	
		1	2	1.57	0.60	0.60	1.13	cum	
							Total	31.47	cum
2	P/L of cement concrete 1:6:12(1 cement : 6 fine sand : 12 graded brick aggregate 40mm nominal size) and curing complete i/c cost of formwork in foundation and floors as per S.I.No. 273								
		1	16	0.90	0.90	0.10	1.30	cum	
		1	2	15.62	0.60	0.075	1.41	cum	
		1	2	8.32	0.60	0.075	0.75	cum	
	Floor	1	1	14.79	8.69	0.075	9.64	cum	
							Total	13.09	cum
	dedution	1	16	0.60	0.60	0.10	0.58	cum	
						Total		cum	
3	Laying of CC 1:2:4 cement, c/sand & 20mm S/Ballast mortar i/c all the complete work								
		1	16	0.90	0.90	0.30	3.89	cum	
		1	16	0.60	0.60	0.30	1.73	cum	
		1	16	0.45	0.45	0.30	0.97	cum	
		1	1	14.79	8.69	0.050	8.43	cum	
						Total	13.01	cum	
4	Providing and laying of Corrugate G I sheet Roofing i/c all the complete work (1mm) As per MR								
		1	2	15.25	4.95		150.975	sqm	
		1	1	15.25	0.30		4.575	sqm	
						Total =	155.550	sqm	
5	S/Fixing of mild steel squire Hollow Pipe 139.7 OD X 3.6MM	1	16	3.05			48.80	Rm	
			1	48.80	12.10 kg/Rm		590.48	Kg	
	50 X 50 X 3MM (SHS) SQUARE STEEL HOLLOW	1	6	9.15			54.90	Rm	
		2	6	4.65			55.80	Rm	
		6	4	0.30			7.20	Rm	
		6	4	0.45			10.80	Rm	
		6	4	0.75			18.00	Rm	
		6	4	0.90			21.60	Rm	
		6	6	1.20			43.20	Rm	
		1	6	0.90			5.40	Rm	
						216.90	Rm		

Rate has been taken as per received from SBM.
M.H.S.

[Signature]

		1	216.90	4.39 kg/Rm		952.19	Kg	
					Total =	1542.67	Rm	
	M/S Iron Plate	4	14	0.20	0.20	31.40	70.34	Kg
					G. Total	1613.01	Kg	
6	M150 Class B/w in 1:6 cement and c/sand mortar i/c all the complete work Foundation							
		2	1	15.48	0.46	0.15	2.14	cum
		2	1	8.46	0.46	0.15	1.17	cum
		2	1	15.37	0.35	0.15	1.61	cum
		2	1	8.57	0.35	0.15	0.90	cum
		2	1	15.25	0.23	0.45	3.16	cum
		2	1	8.69	0.23	0.45	1.80	cum
		2	1	15.37	0.23	0.45	3.18	cum
		2	1	8.81	0.23	0.45	1.82	cum
		1	2	3.88	0.46	0.15	0.54	cum
		1	2	1.71	0.48	0.15	0.24	cum
		1	2	3.77	0.35	0.15	0.40	cum
		1	2	1.82	0.35	0.15	0.19	cum
		1	2	3.65	0.23	0.30	0.50	cum
		1	2	1.94	0.23	0.30	0.27	cum
					Total =	17.91	cum	
7	M150 Class B/w in 1:4 cement and c/sand mortar i/c all the complete work Super structure							
		2	1	15.25	0.23	1.50	10.52	cum
		2	1	8.69	0.23	1.50	6.00	cum
		1	1	3.65	0.115	3.00	1.26	cum
		1	1	3.65	0.23	1.50	1.26	cum
		1	1	2.40	0.115	3.00	0.83	cum
		1	1	2.40	0.23	1.50	0.83	cum
	Chamber wall for segregated wast	1	9	1.50	0.115	1.20	1.86	cum
	Chamber wall for segregated wast	1	1	17.84	0.115	0.60	1.23	cum
		1	4	3.00	0.115	0.90	1.24	cum
		1	1	9.45	0.115	0.60	0.85	cum
					Total =	25.68	cum	
deduction	1	1	3.00	0.23	1.50	1.04	cum	
	1	1	0.90	0.23	2.00	0.41	cum	
	1	1	0.75	0.23	0.75	0.13	cum	
					Total =	24.10	cum	
8	12mm thick Plaster in 1:4 cement and f/sand mortar i/c all the complete work							
		2	1	15.25		1.50	45.75	sqm
		2	1	9.15		1.50	27.45	sqm
		2	1	14.79		1.50	44.37	sqm
		2	1	8.69		1.50	26.07	sqm
		1	2	3.65		3.00	21.90	sqm
		1	2	3.65		1.50	10.95	sqm
		1	2	2.40		3.00	14.40	sqm
		1	2	2.40		1.50	7.20	sqm
		2	9	1.50		1.20	32.40	sqm
		2	1	17.84		0.60	21.41	sqm
	2	4	3.00		0.90	21.60	sqm	
	2	1	9.45		0.60	11.34	sqm	

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Consumption of material

S.NO	ITEM	Qty	Cement	C/sand	M 150 Brick	20mm S/B	f/sand	40mm B/B
1	Laying of CC 1:2:4 cement, c/sand & 20mm S/Ballast mortar i/c all the complete work	13.01	86.67	5.86		11.71		
2	P/L of cement concrete 1:6:12(1 cement : 6 fine sand : 12 graded brick aggregate 40mm nominal size) and curing complete i/c cost of formwork in foundation and floors as per S.I.No. 273	13.09	29.58				6.15	13.09
3	M150 Class B/w in 1:6 cement and c/sand mortar i/c all the complete work Foundation	17.91	22.56	4.84	8237.70			
4	M150 Class B/w in 1:4 cement and c/sand mortar i/c all the complete work Super structure	24.10	44.59	6.51	11087.26			
5	12mm thick Plaster in 1:4 cement and f/sand mortar i/c all the complete work	275.84	30.34				4.14	
6	Laying of RCC 1:2:4 cement, c/sand & 20mm S/Ballast mortar i/c all the complete work	0.88	5.83	0.39		0.79		
	Total		219.59	17.59	19324.96	12.50	10.29	13.09
	Say		220.00	17.60	19324.00	12.50	10.30	13.00
			Bag	cum	No.	cum	cum	cum

2256805/2022/ -3

Bill of quantity					
Material cost					
S.No.	Name of Item	Qty	Unit	Rate	Amount
1	S/o cement	220.00	Bag	364.80	80256.00
2	S/o C/sand	17.60	cum	2056.20	36189.12
3	S/o f/sand	10.30	cum	1592.00	16397.60
4	S/o 40mm B/Ballast	13.00	cum	1207.50	15697.50
5	S/o 20mm S/Ballast	12.50	cum	2771.20	34640.00
6	Providing and laying of Corrugate G I sheet Roofing i/c all the complete work (1mm) As per MR	155.55	sqm	950.00	147772.50
7	S/Fixing of mild steel squlre Hollow Pipe	1613.01	Kg	75.52	121814.29
8	S/o M150 Brick	19324.00	no.	7.14	137973.36
9	S/o MS Iron Angle Gate	1.00	no.	L-S	23000.00
10	S/o Submersible pump 1.5 hp	1.00	Job	L-S	15000.00
11	Electricfication work	1.00	Job	L-S	15000.00
12	S/Fixing of MS Iron Angle Gate Door and Window	1.00	Job	L-S	4500.00
13	Finshing of wall with one priming coat & two coat oil destemper on new work i/c all the complete wor	275.84	sqm	89.60	24715.08
14	Miscellanous work	1.00	Job	L-S	15000.00
15	Provislon for Photography	1	Job	300.00	300.00
16	interlocking brick work for drying area	37.1856	sqm	1285.00	47783.50
17	rcc pillars (with all grouting work)	42	unit	800.00	33600.00
18	iron fencing wire	396.25	m	7.50	2971.88
19	soak pit	1	unit	12000.00	12000.00
20	main entrance gate	1	unit	40000.00	40000.00
				Total	824610.82
Labour cost					
S.No.	Name of Item	Qty	Unit	Rate	Amount
1	E/W In excavation in trenches for found. Pipes cable etc In ordinary soil i/c lift upto 1.5 m. Lead upto 50 m and dressing of of sides and ramming of bottom and disposal of surplus excavated earth as directed by E/I within a lead of 50m. S.I. No. 251	31.47	cum	118.18	3718.84
2	P/L of cement concrete 1:6:12(1 cement : 6 fine sand : 12 graded brick aggregate 40mm nominal size) and curing complete i/c cost of formwork in foundation and floors as per S.I.No. 273	13.09	cum	590.00	7723.09
3	Fixing of mild steel circular Hollow Pipe with CC 1:2:4 cement, C/sand & 20mm S/Ballast Mortar i/c all the complete work.	13.01	cum	840.00	10931.97
4	M150 Class B/w in 1:6 cement and c/sand mortar i/c all the complete work Foundation	17.91	cum	860.00	15400.92
5	M150 Class B/w in 1:4 cement and c/sand mortar i/c all the complete work Super structure	24.10	cum	1160.00	27959.17
6	12mm thick Plaster in 1:4 cement and f/sand mortar i/c all the complete work	275.84	sqm	94.00	25928.77

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7	Laying of CC 1:2:4 cement, c/sand & 20mm S/Ballast mortar i/c all the complete work	13.01	cum	1550.00	20172.10
				Total	111834.87

SUMMARY OF COST

Construction of		
S.No.	Item	Amount
1	Labour Cost	111834.87
2	Material Cost	824610.82
	Total	936445.69
3	Contingency @2%	18728.9138
4	GST @18%	168560.2242
5	Less 5% due to work done by department	-46822.2845
6	Centage @12.5%	117055.7113
7	Add labour Welfare Cess @1%	9364.4569
8	Value Depreciation @1.5%	14046.68535
		1217379.397
	Say	12.18 lakh