ग्राम पंचायतराज मेखोड़ा

योजना सं० / वर्ष :- 01/20-21

Schedule XLV-Form No. 134

योजना कार्य :- पंचायत सदस्य भवन मेखोड़ा का निर्माण कार्य।

प्राक्कलित राशि :- 1,30,33,300/-

_____ DIVISION

_____ SUB-DIVISION

01/2021-22

Measurement Book

योजना का नाम - प्रखण्ड पिपराही अन्तर्गत मेसौढा पंचायत में पंचायत सरकार भवन का निर्माण कार्य।

प्राक्कलित राशि :- 1,30,33,000 = 00

प्रशासनिक स्वीकृति की तिथि - 24.09.2020

जिला पंचायती राज पदाधिकारी
शिवहर

Sch. XLV - Form No. 134

_____ DIVISION

_____ SUB-DIVISION

प्रमाणित किया जाता है कि इस साथी पुस्तक में कुल 100 (सौ) पन्ने हैं।

जिला पंचायती राज पदाधिकारी
शिवहर

Measurement Book

No. 01/2021-22

Name of Officer _____

_____

Date of first entry _____

Date of last entry _____

1st on A/c Running Bill

1

Name of Work–
Situation of Work–
Agency by which work is executed–
Date of Measurement–
No. and date of agreement

(These four lines should be repeated all the commencement of the measurement relating to each work)

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
Name of work:- Construction of panchyat Samkan Bhawan at mesaudha panchyat in Kiratpur block.					
Estimated Cost Rs 13033000=00/-					
Scheme no - 01/2021 - 2022					
D.O.M.:-					
(1) Surface dressing of the ground including removing vegetation as per - C/S					
	1	67.00	55.00		=3685.00m²
@ Rs 12.725/m²					
					Rs 46892=00/-
(2) Earth work in Excavation in foundation or trench as per - C/S main block					
Ex.	2	0.855	0.8		= 1.37m²
	1	3.055	0.8		= 2.44m²
	1	1.650	0.8		= 1.32m²

Continuation

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
	1	2.118	0.8	= 1.69 m^2	
	2	5.924	0.8	= 9.48 m^2	
	2	1.750	0.8	= 2.80 m^2	
	2	1.100	0.8	= 1.76 m^2	
	1	16.258	0.8	= 13.01 m^2	
	2	4.324	0.8	= 6.92 m^2	
	1	16.258	0.80	= 13.01 m^2	
	f_1 Total			= 53.80 m^2	
f_2	6	4.730	1.00	= 28.38 m^2	
	2	8.485	1.00	= 16.97 m^2	
	2	0.700	1.00	= 1.40 m^2	
	2	2.145	1.00	= 4.29 m^2	
	1	1.285	1.00	= 2.57 m^2	
	2	2.655	1.00	= 5.31 m^2	
	f_2 total			= 58.92 m^2	
f_3	1	18.258	1.20	= 21.91 m^2	
	2	4.730	1.20	= 11.35 m^2	
	3	3.855	1.20	= 13.88 m^2	
	2	11.185	1.20	= 26.84 m^2	
	2	0.60	1.20	= 1.44 m^2	
	f_3 total			= 75.42 m^2	
f_4	1	28.468	1.350	= 38.43 m^2	
	2	6.180	1.350	= 16.69 m^2	
	4	1.650	1.350	= 8.91 m^2	
	f_4 total			= 64.03 m^2	
Total Area.	$f_1+f_2+f_3+f_4$				
				= 252.17 m^2	

Continuation

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Particulars	Details of actual measurement No.	L	B.	D.	Contents of area
Quantity	252.17 × 1.20				
	= 302.60 m³				
	@ Rs. 360.70/m³				Rs. 109148.00/-
(23) Supplying and filling in plinth with local sand as per — I/S					
Quantity vide item no-2. Pa					
252.17 × 0.075 = 18.91 m³					
In plinth					
main block					
1 × 4.580 × 2.75 × 1.35 = 17.00 m³					
1 × 1.775 × 14.945 × 1.35 = 39.45 m³					
1 × 1.775 × 19.355 × 1.35 = 36.35 m³					
1 × 1.775 × 14.160 × 1.35 = 33.93 m³					
1 × 4.392 × 4.880 × 1.35 = 28.93 m³					
2 × 2.219 × 2.325 × 1.35 = 13.87 m³					
1 × 6.704 × 4.880 × 1.35 = 44.17 m³					
1 × 4.580 × 5.880 × 1.35 = 36.36 m³					
1 × 4.580 × 2.895 × 1.35 = 17.90 m³					
1 × 4.580 × 5.880 × 1.35 = 36.36 m³					
1 × 4.580 × 2.895 × 1.35 = 17.90 m³					
1 × 4.580 × 2.750 × 1.35 = 17.00 m³					
2 × 1.775 × 1.88 × 1.35 = 9.01 m³					
1 × 4.880 × 4.88 × 1.20 = 28.58 m³					
2 × 5.520 × 1.90 × 1.05 = 22.02 m³					
2 × 5.520 × 2.30 × 1.05 = 26.66 m³					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
	2×4	140	5.050	1.05	= 45.64 m³
			Net qty		= 438.04 m³
		@ Rs 281.90/m³			Rs 123535.00/-
(04)	providing 100A one Brick flat Soling Joint filled with local Sand as per — E/S main block footing Area wise item no-07-b 252.17 m² @ Rs 285.20/m²				Rs 71919.00/-
(05)	Providing and laying in Position P.C.C (1:2:4) of Specified grade as per — E/S foundation main Block Quantity wise item no-02-b 252.17 × 0.075 = 18.91 m³				
	@ Rs 8953.40/m³				Rs 74759.00/-
(06)	providing Centring and Shuttering in foundation footing as per — E/S main block foundation P.C.C				

Continuation

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
2×250.126×0.075=37.52m²					
R.C.C					
2×250.126×0.155=77.54m²					
=77.54m²					
Net qty = 115.06m²					
@ R. 203.00/m²					
					R. 23357.00/-
07. filling available of excavated earth as per E/S					
Qty. of total earth work = 161.30m³ @ R. 111.50/m³					
					R. 17626.00/-
08 providing and laying R.C.C (1:1.5:3) upto plinth as per ——— C/S main block foundation					
f1 53.80m²×0.15=8.07m³					
f2 58.92m²×0.156=9.19m³					
f3 75.42m²×0.186=14.03m³					
f4 64.08m²×0.195=12.49m³					
					43.78m³
plinth band					
2×250.126×0.25×0.075					
					=9.38m³
					⇒53.16m³

Continuation

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
			⇒ 53.16 m³		
		@ R 4630 = 90/m³			
					R 246179 = 00/-
(09) R.C.C work in Columns and Stiffeners as per — E/E main Block					
61 Nos × 0.250 × 0.312 × 2.25					
		= 10.71 m³			
8 Nos × 0.30 × 0.450 × 2.25					
		= 2.43 m³			
		⇒ 13.14 m³			
		@ R 5565 = 80/m³			
					R 72995 = 00/-
(10) Brick work with Bricks 1st class designation (1:6) as per — E/E main block.					
Total length of wall = 250.126 m					
250.126 × 0.25 × 2.25 = 140.70 m³					
@ R 4899 = 20/m³					R 689292 = 00/-
(11) providing casting and Shuttering in band as per — E/E main Block					
2 × (2 × 250.126 × 0.075) = 75.04 m²					
@ R 762 = 90/m²					
					R 27232 = 00/-

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(12) P/f coating and Shuttering for Stiffeners as per C/I main block upto p.l.					
S_1 61 x (9.25 + 0.312) x 2.25 = 77.13 m²					
S_2 8 x (0.50 + 0.50) x 2.25 = 18.00 m²					
= 95.13 m²					
@ ₹ 470.60/m²					₹ 44768.00
(13) Reinforcement for R.C.C. works as per C/I foundation in footing.					
(i) 8mm dia :-					
f_1 5 x 67.25 = 336.25m					
538 x 0.80 = 430.40m					
f_2 7 x 58.92 = 412.44m					
472 x 1.00 = 472.00m					
f_3 8 x 62.85 = 502.80m					
503 x 1.20 = 603.60m					
f_4 10 x 97.43 = 474.30m					
Ground band.					
1668 x 0.25 = 417.00m					
Plinth band.					
1668 x 0.25 = 417.00m					
Stiffener ring.					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
S_1	61	x 0.95	x 16	= 927.20m	
S_2	8	x 1.06	x 44	= 373.12m	
				= 5366.11m	
@ 0.895 kg/m = 2119.61 kg					
@ Rs 70 = 60/kg — Rs 149644.00/-					
(ii) 10mm dia					
P_1	380	x 1.35	= 513m		
C.B	2	x 250.00	= 500m		
P.B	2	x 850.00	= 500m		
			= 1513.00m		
@ 0.62 kg/m = 938.06 kg					
@ Rs 69.20/kg — Rs 64914=00/-					
(iii) 12mm dia					
Stiffener upto P.L					
main block					
S_1	61	x 6 x 2.55	= 933.30m		
@ 0.888 kg/m = 828.77 kg					
@ Rs 67 = 60/kg — Rs 56025=00/-					
(iv) 16mm dia					
S_2	8	x 8 x 2.55	= 163.20m		
@ 1.58 kg/m = 257.86 kg					
@ Rs 68 = 50/kg — Rs 17664=00/-					
(14) Carriage of materials					
(i) Stone chips 73.165 m^3					
@ Rs 2999.73/m^3 — Rs 219475=00/-					

Continuation

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(iii) Coarse Sand				73.16 m³	
@ Rs 2243.10/m³					Rs 164398=00/-
(iv) Local Sand				488.04 m³	
@ Rs 256.30/m³					Rs 125085=00/-
(v) Bricks 78419 Nos					
@ 771=30/1000					Rs 60485=00/-
(15) Extra Cost of materials					
(i) Bricks 78419 Nos					
@ Rs 382=70/1000					Rs 30011=00/-
(ii) Cement 838.08 bags					
@ Rs 2.025/bag					Rs 1697=00/-
(16) S.f of materials					
(i) Bricks 78419 Nos					
@ Rs 521=50/1000					Rs 40896=00/-
(ii) Local Sand 488.04 m³					
@ Rs 14=20/m³					Rs 6930=00/-
(iii) Coarse Sand 73.16 m³					
@ Rs 17=58/m³					Rs 1286=00/-
(iv) Stone chips 73.165 m³					
@ Rs 60=50/m³					Rs 4426=00/-
				Total	Rs 2497428=00/-
				Less C.P 9.09%	227016=00/-
					Rs 2270412=00/-
					Say Rs 2270400/-

(Twenty two lacs seventy thousand four hundred only)

payment as per Specification, Drawing

12/04/2022

T.A. pipraiya

12/04/2022 L.B.E. Bhachau

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
J. E.					
1. Materials statement actual work done part of M.B.					
2.) Payment should be made after deducting all materials cost Royalty, labour cess & Reinsurance charge etc. before payment as per 3.9 [illegible]					

Actual work done measurement book i.e. M.B. & carriage charge chart for checking.

(Signature)
13/04/2022

सहायक अभियन्ता
स्थानीय क्षेत्र अभियंत्रण संगठन
कार्य प्रमंडल, शिवहर

[illegible] प्राप्त

Continuation