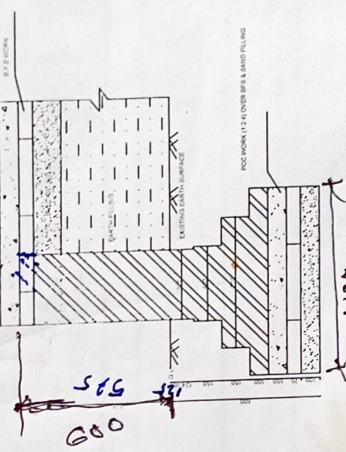
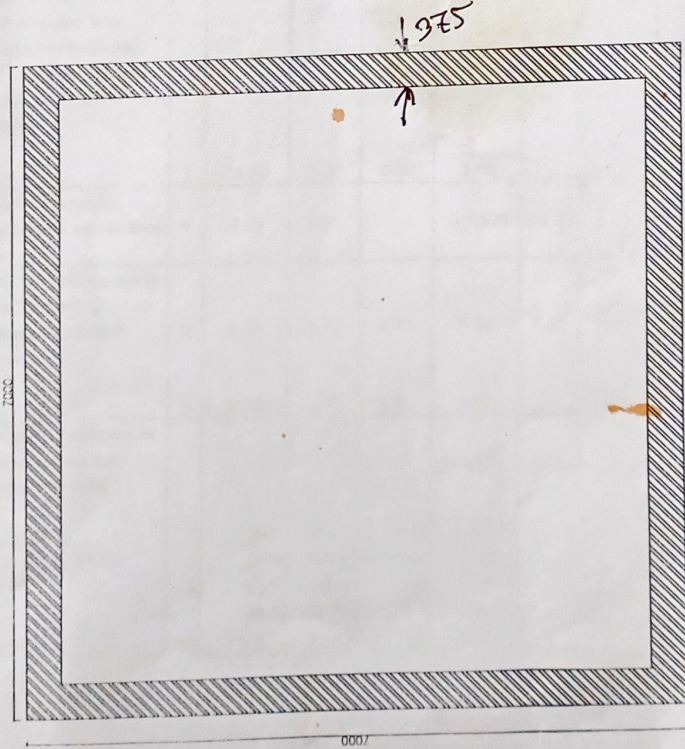


Construction of platform for installation of statue at Laulara R.C. College.



FOUNDATION SECTION

PLAN

Ø. 625 X 7

Proposed by

Technical Assistant
MGNREGA Cell
Puncha Development Block

Scale - Not to Scale
All dimension in mm



Construction of platform for installation of statue at Laulara R.C. College.

No	Description of Item	No	Leangth (M)	Breath (M)	Height (M)	Quantaty	Total	Unit	Rate	Amount (Rs)
1	Surface Dressing of the ground in any kind of soil including removing vegetation inequalities not exceeding 15 cm depth and disposal of the rubbish within a lead upto 75 m as directed. (PWD Building , Page no-1,Item-1)	1	8	8		64	64	M ²	10	640.00
2	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water as required complete. (a) Depth of excavation not exceeding 1,500 mm	1	26.5	1	0.8	21.2				
	Foundation						21.20	M ³	119.27	2528.52
3	Earth work in filling in foundation trenches or plinth with good earth, in layers not exceeding 150 mm. including watering and ramming etc. layer by layer complete. (Payment to be made on the basis of measurement of finished quantity of work) (PWD Building , Page no-1,Item-3)	1	6.25	6.25	0.375					
	In foundation (1/5 of e/w)						21.20	M ³		1643.85
	In plat form						4.24		77.54	
							16.96			
4	(A) Filling in foundation or plinth by silver sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand. (payment to be made on measurement of finished quantity)	1	6.25	6.25	0.15	5.86	8.509	M ³	487.41	4147.55
	(B) Do - by fine sand	1	26.50	1.00	0.10	2.65				
5	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand.	1	6.25	6.25		39.0625	39.06	M ²	264	10312.50
6	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement,if any, in ground floor as per relevant IS codes.	1	6.25	6.25	0.15	5.86	8.51	M ³	5080.69	43233.50
	a) Pakur Variety	1	26.50	1.00	0.10	2.65				
7	200 mm. thick Brick work with Fly Ash Bricks set in cement sand mortar (1:6) including raking out joints, curing, scaffolding etc. complete in all respect.					17.90375	17.9	M ³		71579.19
	Step-1	1	26.5	1.000	0.15	3.975			3998	
	Step-2	1	26.5	0.700	0.15	2.7825				
	Step-3	1	26.5	0.400	0.15	1.59				
	Step-4	1	26.5	0.375	0.7	6.95625				
	step for entrence	0.5	6.5	1.000	0.8	2.6				

8	Supplying, fitting and fixing Marble Slab/tile of 15 to 18 mm thickness in floor, lobby, stair, landing & treads etc. over 20 mm (av.) thck base of Cement mortar (1:2) laid with white cement slurry @ 4.4 kg/Sq.m before placing marble & jointed with white cement slurry @ 2.0 kg/Sq.m with necessary pigments including grinding and Granite polishing as per direction of Engineering -in -Charge in Ground Floor. {White cement and Pigment to be supplied by the Agency}						70.81	M ²	1443	102178.83
9	(a) With Makrana plain pink / Adranga Pink / Garbh Gulabi / Udaypur pink / Udaypur Green / Black Bhaslana (i) Area of each Slab/tile upto 0.3 sq.m Floor Side wall step for entrance	1 1 3	7.3 21.9 7	7.3 0.400		0.8	53.29 17.52 8.4			
10	Supplying, fitting and fixing Stainless Steel railing consist of 38mm dia and 900mm height vertical balustrade at every two alternative steps, 50mm dia top rail, 3 (three) nos 19mm dia horizontal Strainless steel pipe and base/cover plate with Strainless Steel GRADE 304 containing 7.5% nickle (Interior Grade) Brushed/Mat finish, complete as per direction of the Engineer-in-charge. Weight of Strainless Steel railing per metre 6.5 Kg (approx) (PWD Building , Page no-109,Item-22)	1	22.4				22.4	M	7677	171964.80

Total Rs		408228.75
Add GST@	18%	73481.17
Total Rs		481709.92
Add Labour Cess@	1%	4817.10
Add contingency	3%	14451.30
Grand Total Rs		500978.32
Say Rs		500978.00

(Rupees Five lakh Nine hundred Seventy Eight only)

Rubens are checked

[Signature]
05/11/2024
Sub-Assistant Engineer
Purulia Zilla Parishad
Purulia

vetted
[Signature]
5/11/24

Assistant Engineer
W.B.S.R.D.A.
Purulia Division

Estimated By

[Signature]

Technical Assistant
MGNREGA Cell
Puncha Development Block

ANALYSIS OF RATE

A - 1) Cost of 20 mm Nominal graded Stone aggregate

Pakur variety Stone Aggregates at Purulia Railway Yards:-	Rs. 1264.00 / m ³	(SOR-Roads, P-226 & P-227/it-1.03 C)
Loading, unloading :-	Rs. 57.75 / m ³	
Carrying cost of Stone Chips :- (from Purulia) =30 km.		
Up to 5 km :-	Rs. 124.00 / m ³	
Beyond 5 km up to 10 km:-	Rs. 54.50 / m ³	
Beyond 10 km up to 20 km:-	Rs. 101.00 / m ³	
Beyond 20 km up to 35 km:-	Rs. 142.50 / m ³	
	Rs. 422.00 / m ⁴	Rs. 422.00 / m ³ (Table:T-2/ It- 1)
Total	Rs. 1743.75 / m ³	
Total Cost	Rs. 1743.75 / m³	

A - 2) Cost of 10 mm Nominal graded Stone aggregate

i) Pakur variety Stone Aggregates at Purulia Railway Yards:-	Rs. 1133.00 / m ³	(SOR-Roads, P-226 & P-227/it-1.03 C)
ii) Loading, unloading :-	Rs. 57.75 / m ³	
iii) Carrying cost of Stone Chips :- (from Purulia) = 30 km.		
Up to 5 km :-	Rs. 124.00 / m ³	
Beyond 5 km up to 10 km:-	Rs. 54.50 / m ³	
Beyond 10 km up to 20 km:-	Rs. 101.00 / m ³	
Beyond 20 km up to 35 km:-	Rs. 142.50 / m ³	
	Rs. 422.00 / m ⁴	Rs. 422.00 / m ³ (Table:T-2/ It- 1)
Total	Rs. 1612.75 / m ³	
Total Cost	Rs. 1612.75 / m³	

B -1) Ordinary Cement concrete (mix 1:1½:3) with graded stone chips 20 mm nominal size

i) Cost of 20 mm St. Ch. :-	0.573 m ³ / m ³ @ 1743.75 / m ³	Rs. 999.17 / m ³	
ii) Cost of 10 mm St. Ch. :-	0.287 m ³ / m ³ @ 1612.75 / m ³	Rs. 462.86 / m ³	(B-60/it-3)
iii) Providing & laying of concrete		Rs. 4178.00 / m ³	(3rd corri. of building SOR P-12/IT-33)
Total		5640.03	
Cost at work site :-		Rs. 5640.03 / m³	

B -2) Ordinary Cement concrete (mix 1:2:4) with graded stone chips 20 mm nominal size

i) Cost of 20 mm St. Ch. :-	0.66 m ³ / m ³ @ 1743.75 / m ³	Rs. 1150.88 / m ³	
ii) Cost of 10 mm St. Ch. :-	0.22 m ³ / m ³ @ 1612.75 / m ³	Rs. 354.81 / m ³	(B-60/it-3)
iii) Providing & laying of concrete		Rs. 3575.00 / m ³	(3rd corri. of building SOR P-10/IT-27)
Total		5080.69	
Cost at work site :-		Rs. 5080.69 / m³	

Note :- According to PWD SOR for Building Works (w.e.f. 1st November, 2017), SECTION II ---- MATERIALS AND LABOUR, 1. Building ---- (A) Materials delivered and stacked at site, Item No. 13 there is no rate for Local Hard Black Stone (Crusher Broken) for Purulia District. Hence assumed, it will be collected from Barabazar crushers within a lead of 50 km. due to scarcity in Puncha area. Necessary datas have been followed according to the PWD SOR for Road & Bridge Works (w.e.f. 30.08.2018)

Asst