

VAISHAL PATLIPUTRA DUGDH UTPADAK SAHKARI SANGH LTD

PATNA DAIRY PROJECT

Feeder Balancing Dairy Complex, Phulwarisharif, Patna – 801505

Phone – 0612-2252553, 2252542, 2251622, Fax-2250325

Email :- vpmu.pur@gmail.com

PDP: PUR: 7492

Dated: 29.02.2024

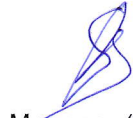
TENDER NOTICE

Sealed Tender is invited from experienced party for **Civil construction work for Reconstruction of Floor in Paneer section area by filling it with SAND, Brick Flat soling, PCC & RCC above it as well as reconstruction of Rooms in Paneer packing area consisting of blast Room and Paneer packing room at Patna Dairy Project, Patna.**

The details scope of work as per BOQ and diagrams attached herewith.

Interested parties may submit their quotation latest by 15.03.2024 by 5.00 pm in sealed envelope addressed to Managing Director, VPDUSS Ltd., Patna super scribing on the top of the envelope Tiles **“Civil construction work Reconstruction of Floor in Paneer section area at Patna Dairy Project.”**

Bidder must be registered for civil work in Bihar Govt or COMFED, Patna.



Manager (MM)

Enclosure: As above

Note: 1) The rate should be all inclusive FOR FBD
2) All the legal document i.e. Photo, ID Proof
Service Tax papers, etc (Xerox is to be enclosed)

CC: Notrice Board, FBD, CFF, HCC
Patnadairy.org

BILL OF QUANTITY

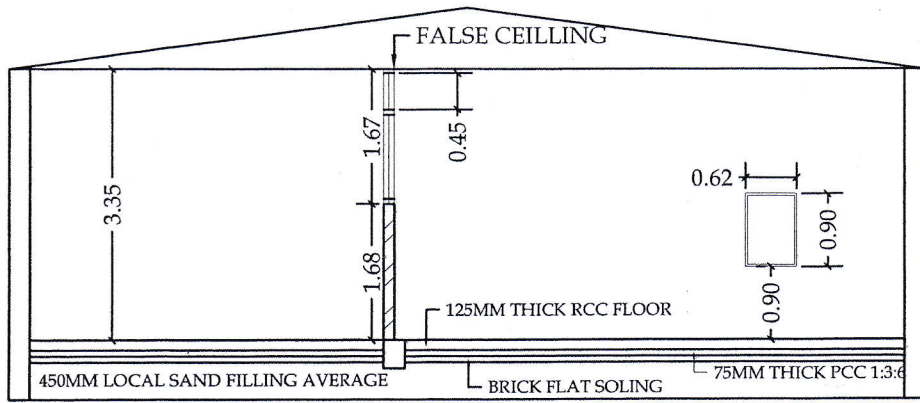
A	B	C	D	E	F	G	H	I	J	K	
<p align="center">PROPOSAL FOR THE RECONSTRUCTION OF FLOOR IN PANEER SECTION AREA BY FILLING IT WITH SAND, BRICK FLAT SOLING, PCC & RCC ABOVE IT AS WELL AS RECONSTRUCTION OF ROOMS IN PANEER PACKING AREA CONSISTING OF BLAST ROOM AND PANEER PACKING ROOM AT PATNA DAIRY PROJECT PATNA.</p>											
1	SL	CODE	DESCRIPTION OF ITEM	UNIT	NO.	LENGTH	WIDTH	DEPTH	QUANTITY	RATE	AMOUNT
2		2022	Flooring								
3	1	2.28	Supplying and Filling in plinth with local sand and under floors including, watering, ramming consolidating and dressing complete.	Cum.					32.22	287.30	Rs. 9,256.81
4											
5											
6			TOTAL QUANTITY		1	10.67	6.71	0.45	32.22		
7											
8	2	11.72	Providing designation 100 A one brick flat soling joints filled with local sand including cost of watering, taxes, royalty all complete as per building specification and direction of E/I,	Sqm.					71.60	283.30	Rs. 20,284.28
9											
10			TOTAL QUANTITY		1	10.67	6.71		71.60		
11											
12	3	4.1	Providing and laying in position cement concrete of specified grade exluding the cost of centring and shuttering-all work upto plinth level.								
13		4.1.5	1:3:6 (1 Cement: 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	Cum.					5.37	3434.00	Rs. 18,440.58
14			TOTAL QUANTITY		1	10.67	6.71	0.078	5.37		
15											
16	4	5.1	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring,shuttering,finishing and reinforcement-All work upto plinth level								
17		5.1.2	1:1:5:3(1 cement: 1.5 coarse sand:3 graded stone aggregate 20 mm nominal size)	Cum					9.61	4688.30	Rs. 45,054.56
18											
19			RCC Flooring		1	10.67	6.71	0.125	8.95		
20			PLINTH BEAM		1	7.21	0.25	0.35	0.63		
21			BAND AT TOP OF 125 MM WALL		1	5.21	0.125	0.05	0.03		
22			TOTAL QUANTITY						9.61		
23											
24	5	6.1A +6.1.14A	Brick work with bricks of class designation 100A in foundations and plinth in : Cement mortar 1:6 (1 cement: 6 coarse sand)								
25		6.3A	Extra for Brick work in superstructure above plinth level upto floor V:	Cum					0.00	5662.10	Rs. 0.00
26									0.00		
27									0.00		
28									0.00		
29	6	6.18A	Half brick masonry with bricks of class designation 100A in foundations and plinth in :								
30		6.18.4A + 6.19A	Cement mortar 1:4 (1 cement: 4 coarse sand)Extra for Half Brick masonry in superstructure above pinth level upto floor V level.	Sqm.					14.88	689.00	Rs. 10,252.32
31											
32					1	7.36		1.68	12.36		
33					1	1.5		1.68	2.52		
34			TOTAL QUANTITY						14.88		
35											
36	7	13.11.4	12MM Cement plaster in course sand in 1:6 (1 cement : 6 coarse sand)	Sqm.					15.27	141.50	Rs. 2,160.71
37											
38			INTERNAL WALL PLASTER		1	5.21		1.68	8.75		
39			TOP		1	5.21		0.16	0.83		
40					1	5.21		0.125	0.65		
41					2	1.5		1.68	5.04		
42			TOTAL QUANTITY						15.27		
43											
44	8	13.13.4	20 mm cement plaster of mix ; 1:6 (1 cement : 6 coarse sand)	Sqm.					11.27	192.10	Rs. 2,164.97
45			OUTER SIDE PLASTER		1	5.21		1.68	8.75		
46					1	1.5		1.68	2.52		
47			TOTAL QUANTITY						11.27		
48											
49	9	11.36	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (Thickness to be specified by the manufacture) of approved make in all colours, shades except burgundy , bottle green , black of any size as approved by Engineer-in-charge in skirting , risers of steps and dados over 12 mm thick bed of cement Motar 1:3(1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	Sqm.					21.38	795.00	Rs. 16,997.10

BILL OF QUANTITY

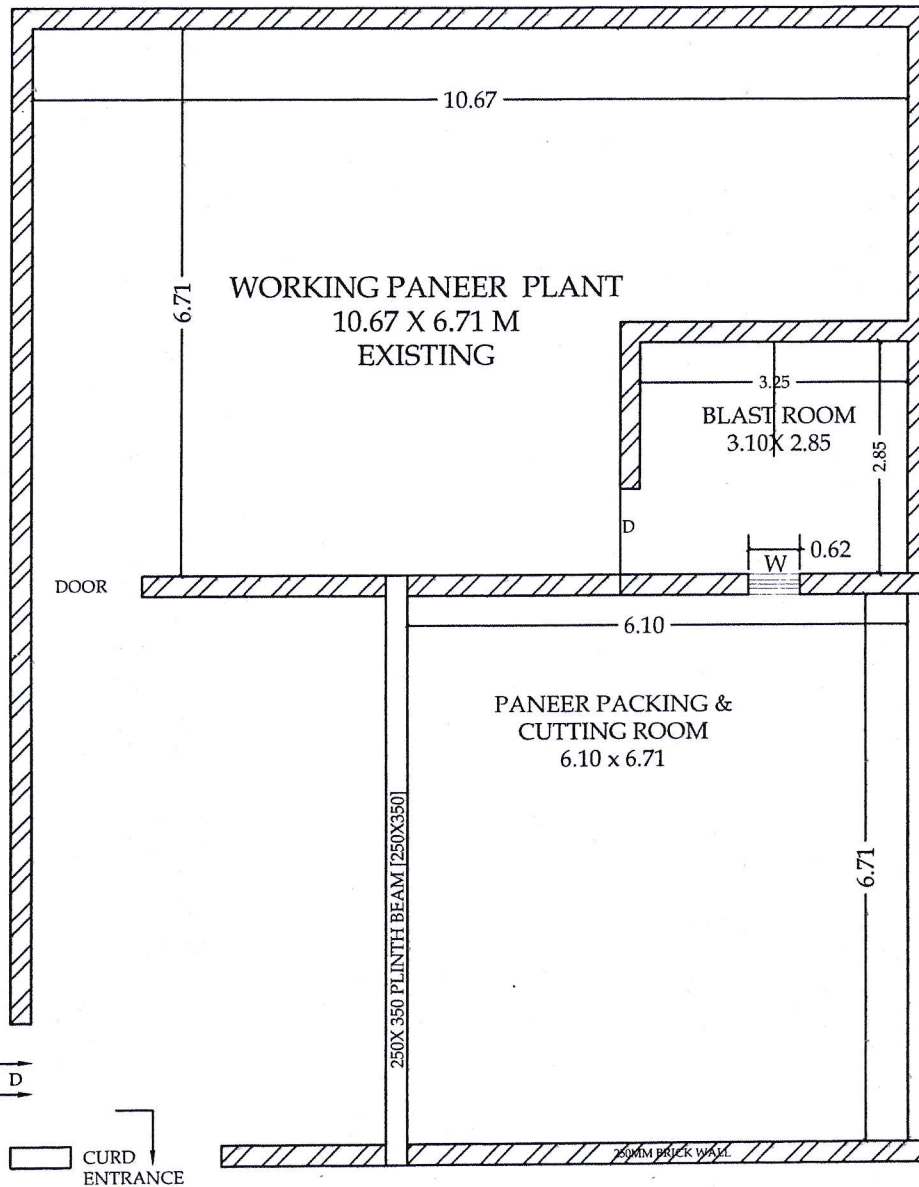
	A	B	C	D	E	F	G	H	I	J	K
50											
51			PACKING & CUTTING SECTION BOTH SIDE		2	5.210		1.22	12.71		
52			OUER SIDE		2	4.260		0.3	2.56		
53			TOP		1	5.210		0.16	0.83		
54			DOOR CLOSING WALL		2	1.500		1.68	5.04		
55					1	1.5		0.16	0.24		
56			TOTAL QUANTITY						21.38		
57											
58	10	12.10.1	Providing asbestos cement 6 mm thick corrugated sheets roofing and fixing with G.I. J or L hooks bolts and nuts 8 mm dia G. I. plain and bitumen washers complete excluding the cost or purlins, rafters and trusses corrugated sheet. upto 60 degree pitch sqm 371.70	Sqm.					0.00	371.70	Rs. 0.00
59											
60	11	MR	Providing and fixing CHILE LAMINATED Panelled PVC false ceiling with providing fixing all necessaries angles, hanging cieate screws , T sections complete job as per site requirement & Design approved by I/C direction by Engineer-in-Charge. SECTION								
61				Sqm.					72.93	1345.00	Rs. 98,090.85
62											
63			TOTAL QUANTITY		1	10.67	6.835		72.93		
64											
65	12	21.1 M.R	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of Glass , rubber gascate screws snap beading all complete job is included):								
66		A	With float glass panes of 4.0 mm thickness(weight not less than 10kg/sqm) FIXED PORTION	Sqm.					8.70	3250.00	Rs. 28,275.00
67											
68					1	5.21		1.67	8.70		
69					2	1.5		0.45	1.35		
70			TOTAL QUANTITY						8.70		
71											
72	13	B	With float glass panes of 4.0 mm thickness(weight not less than 10kg/sqm) OPENABLE PORTION	Sqm.					6.90	3400.00	Rs. 23,460.00
73					2	1.5		2.12	6.36		
74					1	0.6		0.9	0.54		
75			TOTAL QUANTITY						6.90		
76	14	5.22	Reinforcement for R.C.C. work including straightening, cutting, bending,placing in position and binding all complete.								
77		5.22.7A	Thermo-Mechanically Treated bars TMTC-500-8mm dia.	Kg.					24.00	94.50	Rs. 2,268.00
78		5.22.7B	Thermo-Mechanically Treated bars TMTC-500-10mm dia.	Kg.					527.42	92.60	Rs. 48,839.09
79		5.22.7C	Thermo-Mechanically Treated bars TMTC-500-12mm dia.	Kg.					27.00	90.80	Rs. 2,451.60
80		5.22.7D	Thermo-Mechanically Treated bars TMTC-500-16mm dia.								

BILL OF QUANTITY

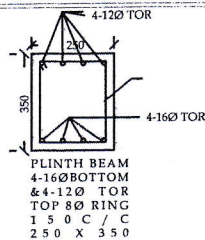
A	B	C	D	E	F	G	H	I	J	K
81		CALCULATION OF REINFORCEMENT								
82		PLINTH BEAM 4- 16Ø TOR BOTTOM	16Ø	1	4	7.60	30.40	1.58	48.03	
83										
84										
85		PLINTH BEAM 4-12 Ø TORTOP	12Ø	1	4	7.60	30.40	0.89	27.00	
86								0.89	0	
87		TOTAL QUANTITY							27.00	
88										
89		Floor reinforcement 10dia tor 150 c/c	10Ø	1	71	6.86	486.92	0.62	300.43	
90		Floor reinforcement 10dia tor 175 c/c		1	34	10.82	367.89	0.62	226.99	
91		TOTAL QUANTITY							527.42	
92										
93		8 DIA RING	8Ø	1	45	1.35	60.75	0.395	24.00	
94									0	
95		TOTAL QUANTITY							24	
96										
15	5.9	Centring and shuttering including strutting,propping etc. and removal of form for.								
97										
98	5.9.5	Lintels, beams, plinth bams, grids, bressumers and contilevers.	Sqm.					5.37	404.70	Rs. 2,173.24
99										
100		PLINTH BEAM		1	2	6.71	0.35	4.70		
103				1	2	6.71	0.05	0.67		
104		TOTAL QUANTITY						5.37		
105										
106										
107						B/W	CEMENT	SAND	STONE	
108		Total material ANALYSIS								
109		local sand			32.22					
110		PCC 1:3:6			5.37		1.18	2.42	4.83	
111		RCC 1:1.5:3			9.61		3.84	4.08	8.17	
112		BRICK SOLING			71.60	2.31		1.00		
113		BRICK WORK IN 1:6			0.00	0	0.00	0.00		
114		HALF BRICK WORK			14.88	0.00	0.16	0.45		
115		12 MM PLASTER :			15.27		0.07	0.28		
116		20 MM PLASTER :			11.27		0.06	0.27		
117		CERAMIC TILE			21.38		0.35	0.32		
118		TOTAL QUANTITY				2.31	5.66	8.82	13.00	
119										
17		CARRIAGE OF MATERIALS								
120										
121		Stone aggrigate 20mm nominal size						13.00	2987.70	Rs. 38,840.10
122		Sone Sand (Coarse sand)						8.82	1258.32	Rs. 11,097.00
123		Cement						5.66	329.52	Rs. 1,865.08
124		Reinforcement						0.17	329.52	Rs. 56.02
125		Bricks						2.31	1053.35	Rs. 2,433.24
126		Lacal sand						32.22	322.79	Rs. 10,400.29
127										
128	18	DIFFERENCE OF MATERIAL COST								
129		CEMENT						5.66	262.78	Rs. 1,487.33
130		BRICKS						2.31	190.98	Rs. 441.16
131		TOTAL COST (APPROXIMATE)								Rs. 3,96,789.33
132		TOTAL APPROXIMATE VALUE OF WORKS								Rs. 3,96,789.00
133										
134										
135		I AM AGREE TO DO THIS WOKS :						IN %		IN WORD
136										
137	1	ON THE B.O.Q RATE								
138										
139										
140	2	BELOW THE GIVEN RATE(IN %)								
141										
142										
143	3	ABOVE THE GIVE RATE (IN %)								
144										
145										
146										
147										
148										
149		SIGNATURE OF CONTRACTOR:							SIGNATURE OF E/I	



SECTION OF 125MM WALL WITH GLAZING IN ALUMINUM FRAME



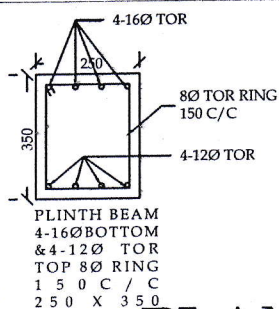
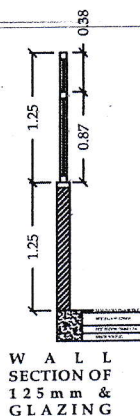
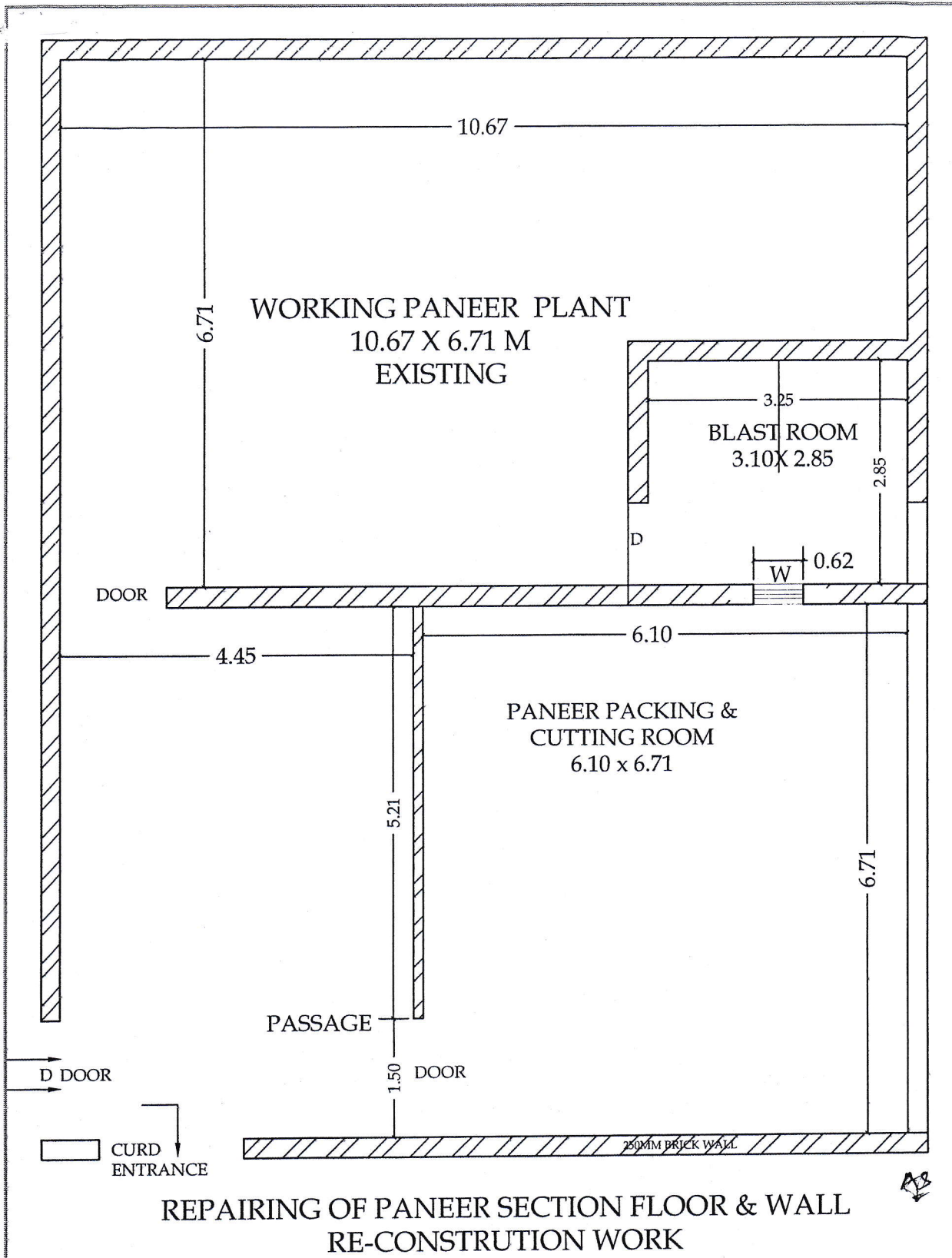
TIE BEAM LAYOUT PLAN OF PANEER SECTION & WALL RE-CONSTRUCTION WORK



NAME OF WORK: Proposal for reconstruction of floor in Paneer Section area by filling it with sand, brick flat soling, PCC & RCC above it as well as reconstruction of room in Paneer packing area consisting of blast room and paneer packing room

DEV-CHANDRA CREATIVE ASSOCIATES
ARCHITECTS & ENGINEERS CONSULTANCY SERVICES
SECTOR - A BLOCK - C (80) OPP. WONDER WING SCHOOL
GANDHI NAGAR, ASHYANA NAGAR, PATNA - 800025, (BIHAR)
Email: er.kshashi@gmail.com Mob.: 7319915111

Drawings: SECTION OF FLOOR & 125MM WALL PLINTH BEAM DETAIL AND HOWING ALUMINUM FRAME FOR FIXED & DOOR WITH 4 MM GLASS & ACP GLAZED



NAME OF WORK: Proposal for reconstruction of floor in Paneer Section area by filling it with sand, brick flat soling, PCC & RCC above it as well as reconstruction of room in Paneer packing area consisting of blast room and paneer packing room

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SECTOR -A BLOCK -C (80) OPP. WONDER WING SCHOOL
GANDHI NAGAR, ASHIYANA NAGAR, PATNA -800025.(BIHAR)
Email: er.kshashi@gmail.com Mob.: 7319915111

Drawing: PLAN, SECTION OF FLOOR & WALL
PLINTH BEAM
DETAIL AND SHOWING ALUMINUM FRAME FOR FIXED & DOOR WITH 4 MM GLASS & ACP GLAZED

D 1.50 X 2.60
D2 1.05 X 2.60
W 0.60 X 0.90
HATCH

PLAN OF PANEER SECTION
17.02.2024