

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: 6354

Dated: 19.01.2024

## TENDER NOTICE

Sealed Tender is invited from experienced party for **Civil construction work required Extension of Curd Room at Patna Dairy Project in an area of 11.50M X 5.60M = 64.4SQM.** The details scope of work as per BOQ and diagrams attached herewith.

Interested parties may submit their quotation latest by 05.02.2024 by 5.00 pm in sealed envelope addressed to Managing Director, VPDUSS Ltd., Patna super scribing on the top of the envelope Tiles "**Extension of Curd Room at Patna Dairy Project.**"

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

Note:- You have to deposit Demand Draft(DD) for 2% of BOQ as EMD along with Tender.



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 OF  
CURD ROOM EXTENSION WORKS**

**CLIENT: VAISAL PATLIPUTRA DUGDH UTPADAH SAHKARI SANGH LTD.  
FEEDER BALANCING DAIRY COMPLEX, PHULWARSHARIF, PATNA-  
801505**

**CIVIL CONSTRUCTION WORKS REQUIRED FOR EXTENTION OF CURD ROOM AT PDP.**

Letter No. : VPMU:Engg:Consultant:499 dated 24.04.23

SIZE OF SITE: 11.50 x 5.60

SL.	CODE: 2022	DESCRIPTION OF ITEM	QUANTITY	UNIT	RATE	AMOUNT
1	2.8	Earth work in excavation in foundation trenches or drains(not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m . including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m				
			30.78	Cum.	360.70	Rs. 11,102.35
2	2.28	Supplying and Filling in plinth with local sand and under floors including, watering, ramming consolidating and dressing complete.				
			52.20	Cum.	287.30	Rs. 14,997.06
3	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,				
			97.35	Sqm.	283.30	Rs. 27,579.26
4	4.1	Providing and laying in position cement concrete of specified grade exluding the cost of centring and shuttering-all work upto plinth level.				
	4.1.5	1:3:6 (1 Cement: 3 coarse sand : 6 graded				
			6.67	Cum.	3434.00	Rs. 22,904.78
5	5.1	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring,shuttering,finishing and reinforcement-All work puto plinth level				
	5.1.2	1:1.5:3 (1 cement: 1.5 coarse sand:3 graded stone aggregate 20mm nominal size)				
		RCC UP TO PLINTH	8.33	Cum.	4688.30	Rs. 39,053.54

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SL.	CODE: 2022	DESCRIPTION OF ITEM	QUANTITY	UNIT	RATE	AMOUNT
6	5.2.2	Reinforced cement concrete work in wall (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts, etc. upt floor five level excluding cost of centring, shuttering, finishin and reinforcement. 1:1.5:3 (1 cement: 1.5 coarse sand: 3 graded stone aggregate 20mm nominal size)				
			3.18	Cum.	5670.00	Rs. 18,030.60
	5.22	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.				
7	5.22.7C	Thermo-Mechanically Treated bars TMTC-500 - 12Ø TOR	12Ø	941.28	90.80	Rs. 85,468.22
8	5.22.7D	Thermo-Mechanically Treated bars TMTC-500 - 16Ø TOR	16Ø	157.68	91.70	Rs. 14,459.26
9	5.22.7A	Thermo-Mechanically Treated bars TMTC-500 - 8Ø TOR	8Ø	552.26	94.50	Rs. 52,188.57
10	5.22.7B	Thermo-Mechanically Treated bars TMTC-500 - 8Ø TOR		85.88	92.60	Rs. 7,952.49
		<b>CENTERING SHUTTERING</b>				
11	5.9.1	Foundations, footings, bases of olumns etc. for mass concrete.				
			14.76	Sqm.	211.60	Rs. 3,123.22
12	5.9.6	Columns,Pillars, Piers, Abutments, Posts and Struts				
			25.60	Sqm.	494.40	Rs. 12,656.64
13	5.9.5	Lintels, beams, plinth bams, griders, bressumers and contilevers.				
			33.66	Sqm.	404.70	Rs. 13,622.20
14	10.16.	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete				
	10.16.1		912.60	Kg.	123.90	Rs. 1,13,071.14

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SL.	CODE: 2022	DESCRIPTION OF ITEM	QUANTITY	UNIT	RATE	AMOUNT
15	M.R	20mm dia bolt WITH THREADING & BOLT WITH WASER COMPLETE	96.00	Mtr.	297.50	Rs. 28,560.00
		<b>FLOORING WORKS:</b>				
16	KMU SUPAUL EXPENTI ON WORK	Providing & laying in position acid and alkali resistant red pre- polished machine cut Mandana stone of approved size arround 23" x 23" or 17" x 23" about 25-30mm thick for flooring/ dado over average 30-40mm thick cement mortar bedding 1:4 (1 part cemement mixed with acid and alkali proof powder, 4 part coarse sand with acid proof silica powder keping the joint 6mm to 8mm wide and 12mm deep gap all arround, raking the joint, curring, drying and filling the groove joint with epoxi resin and hardener mortar (parts by weight Araldite GY250 - 100 PARTS, Aradur 830 - 40 parts, Aradur 850 - 15 parts, Silca flour - 20 parts, silica sand - 200 to 300 parts ( Huntsman advanced materials (I) Pvt. Ltd. or other equivalent approved makes) including hand machine polishing and wax polishing etc complete as directed	63.00	Sqm.	1950.00	Rs. 1,22,850.00
17	KMU SUPAUL EXPENTI ON WORK	Do same to as per above item specification but for Mandana stone 16 mm - 20mm thick in skirting, dado, risers etc as per technical specification over 12 mm thick cement mortar C:M 1:3 (1 part cemement mixed with acid and alkali proof powder, 4 part coarse sand) bedding over two coats of acid and alkali proof primer including filling the joints with epoxy etc. complete but including hand / machine polishing and wax polishing etc as directed.	8.88	Sqm.	2300.00	Rs. 20,424.00
18	5.1	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring, shuttering, finishing and reinforcement-All work puto plinth level				
	5.1.2	1:1.5:3 (1 cement: 1.5 coarse sand:3 graded stone aggregate 20 mm nominal size [LAYING IN FLOORING])	9.08	Cum.	4688.30	Rs. 42,569.76
19	6.1A	Brick work with bricks of class designation 100A in foundations and plinth in :				
	6.1.14A	Cement mortar 1:6 (1 cement: 6 coarse sand )	6.80	Cum.	4819.90	Rs. 32,775.32

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SL.	CODE: 2022	DESCRIPTION OF ITEM	QUANTITY	UNIT	RATE	AMOUNT
20	6.1.14A + 6.3A	Brick work in superstructure above plinth level up to floor V Level in Cement mortar 1:6 (1 cement: 6 coarse sand) Total wal length 3 side takken				
			3.66	Cum.	5662.10	Rs. 20,723.29
21	13.11	12 mm cement plaster				
	13.11.4	1:6(1 cement: 6 coarse sand )	49.84	Sqm.	141.50	Rs. 7,052.36
22	13.94	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade:				
	13.94.1	Two or more coats on new work over an under coat of suitable shade with ordinary paint+ of approved brand and manufacture (All works including sttel & foundation				
			113.85	Sqm.	116.50	Rs. 13,263.53
23	11.36	Providing and fixing 1st quality ceramic glazed wall tiles conforming to S : 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.				
			47.75	Sqm.	795.00	Rs. 37,961.25

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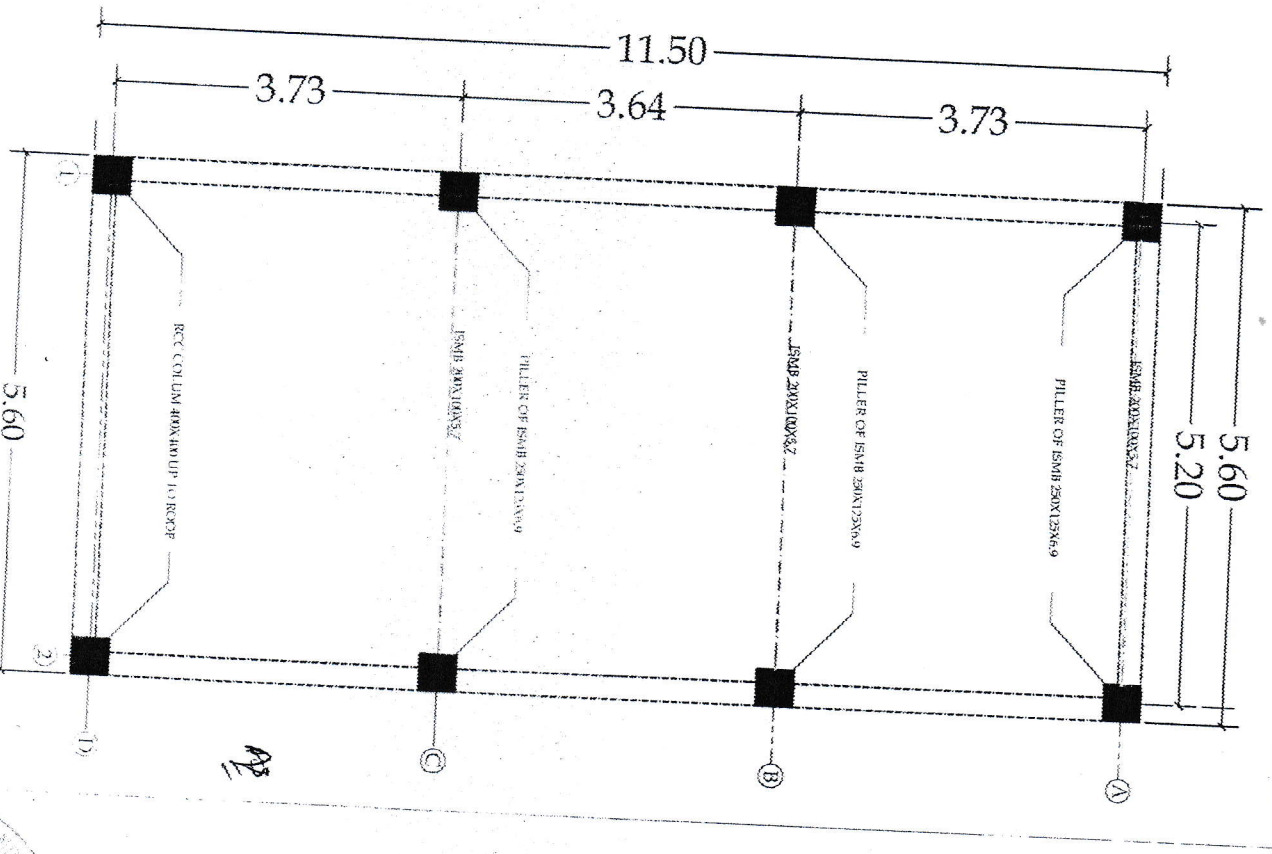
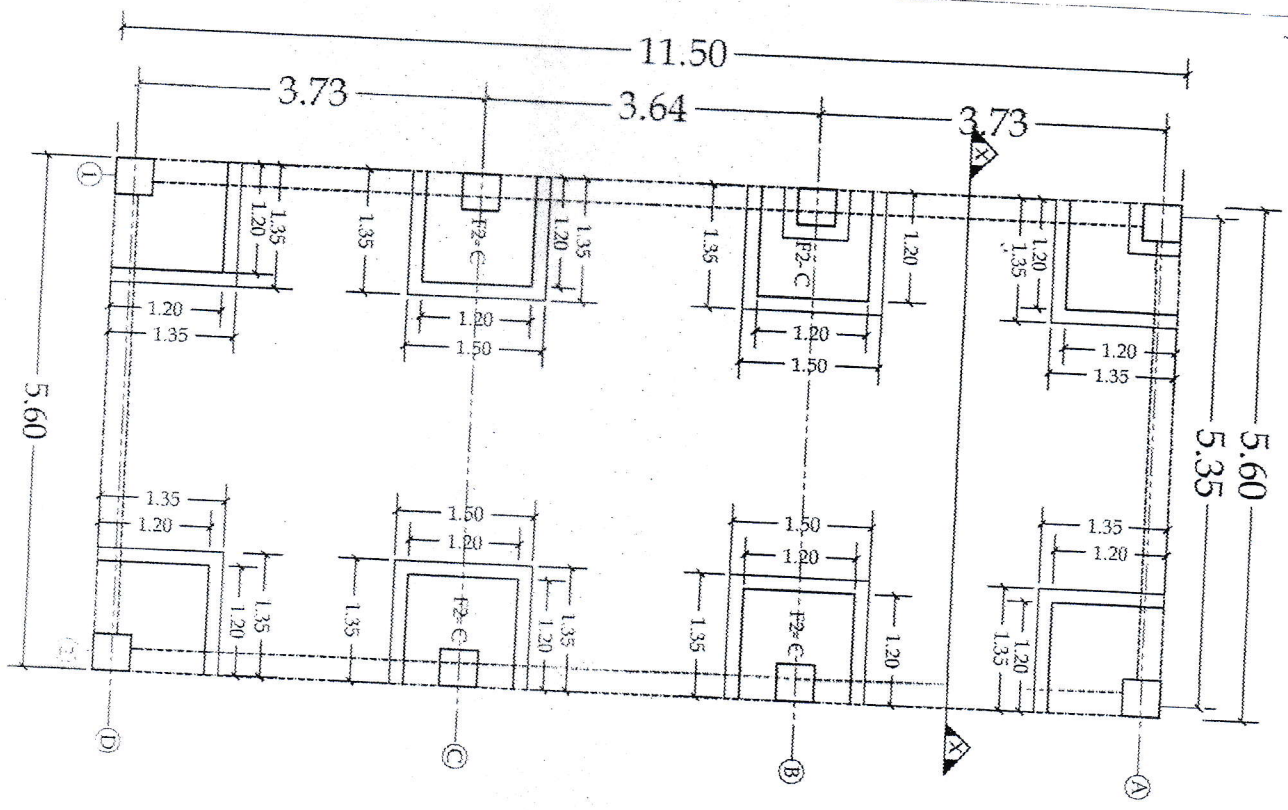
SL.	CODE: 2022	DESCRIPTION OF ITEM	QUANTITY	UNIT	RATE	AMOUNT
24	12.50	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.				
			67.85	Sqm.	625.10	Rs. 42,413.04
25	12.51.4	Barge board (Upto 300 mm)	23.00	Mtr.	355.70	Rs. 8,181.10
26	MR	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / aneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be including with all necessaries accessories . The Aluminum should be as per isi specification. or (JINDAL MARKAS)				
		Complet job of 3 CHENEL SLIDING WITH JALI & GLASS windows	3.24	Sqm.	3656.00	Rs. 11,845.44
					A	Rs. 8,24,828.42

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SL.	CODE: 2022	DESCRIPTION OF ITEM	QUANTITY	UNIT	RATE	AMOUNT
		CARRIAGE OF MATERIALS				
27	a	STONE AGGREGATE	23.77		2987.70	Rs. 71,017.63
28	b	SONE SAND	19.15		1258.32	Rs. 24,096.83
29	c	LOCAL SAND	52.20		322.79	Rs. 16,849.64
30	d	CEMENT	12.21		329.52	Rs. 4,023.44
31	f	STEEL	1.65		329.52	Rs. 543.71
32	e	BRICKS	8.31		1053.35	Rs. 8,753.34
					B	Rs. 1,25,284.59
		DIFFERENCE OF COST				
33	d	CEMENT	12.21		262.78	Rs. 3,208.54
34	f	BRICKS	8.31		1590.98	Rs. 13,221.04
					C	Rs. 16,429.58
		TOTAL AMOUNT (A+B+C)				Rs. 9,66,542.59
		Say COST OF PROJECT APPROX.				Rs. 9,66,543.00
		I AM AGREE TO DO THIS WOKS :		IN %		IN WORD
1		ON THE B.O.Q RATE				
2		BELOW THE GIVEN RATE( IN %)				
3		ABOVE THE GIVE RATE (IN %)				
		SIGNATURE OF CONTRACTOR:				
					<i>Rohit</i> 06/11/2023 E/I	SIGNATURE OF MANAGING DIRECTOR

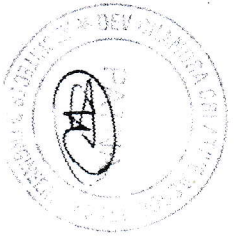
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Client: Patna Dairy Project patna  
 Work: Extension of Curd Room at PDP.  
 Drawing: Cross Section of Column,  
 capping beam & Truss Design of curd

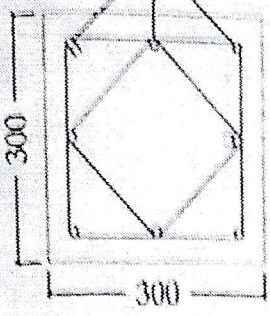
DRAWING: CURD ROOM PLAN FOR  
 EXTENSION & FOUNDATION LAY OUT  
 DWG NO. A/01

DEV-CHANDRA CREATIVE ASSOCIATES  
 ARCHITECT & DESIGN ENGINEER CONSULTANT  
 PLOT-80, BLOCK - C, GANDHI NAGAR, ASHIYANA  
 NAGAR, PATNA 800025  
 Email: er.keshashil@gmail.com Mob: 7449914111





3+2+3=8-120 MAIN

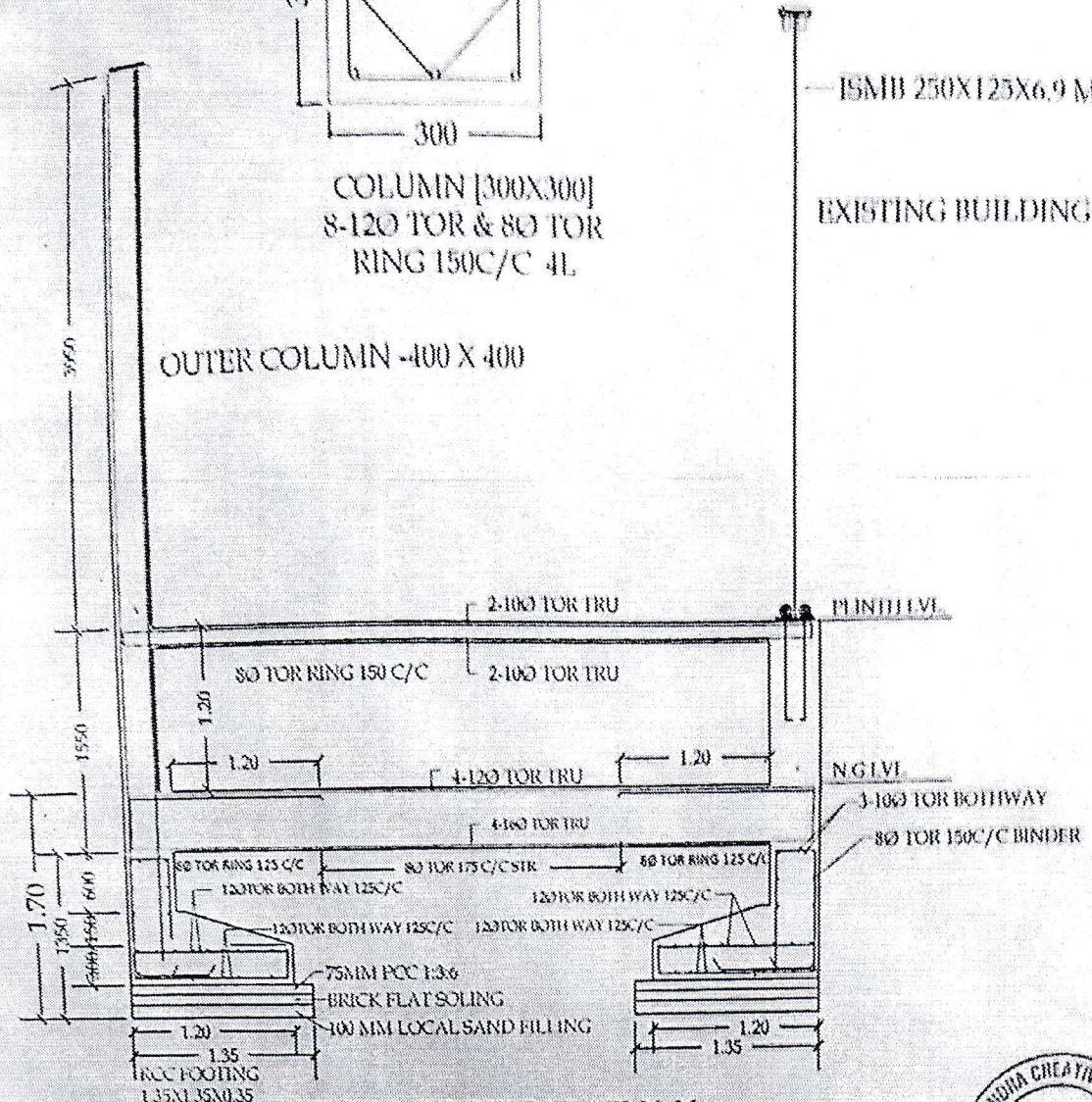


COLUMN [300X300]  
8-120 TOR & 80 TOR  
RING 150C/C 4L

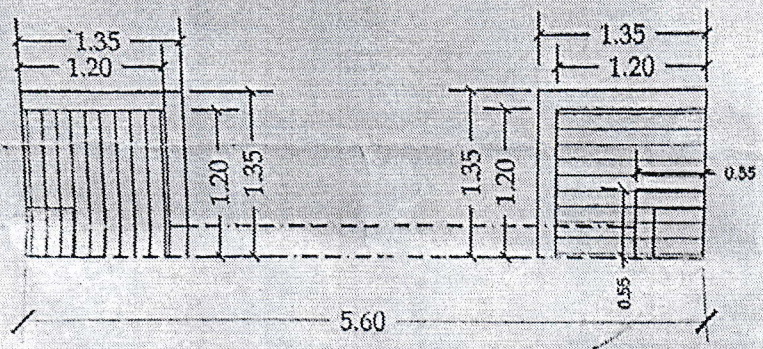
ISMB 250X125X6.9 MM

EXISTING BUILDING SIDE

OUTER COLUMN -400 X 400



CROSS SECTION AT X-X



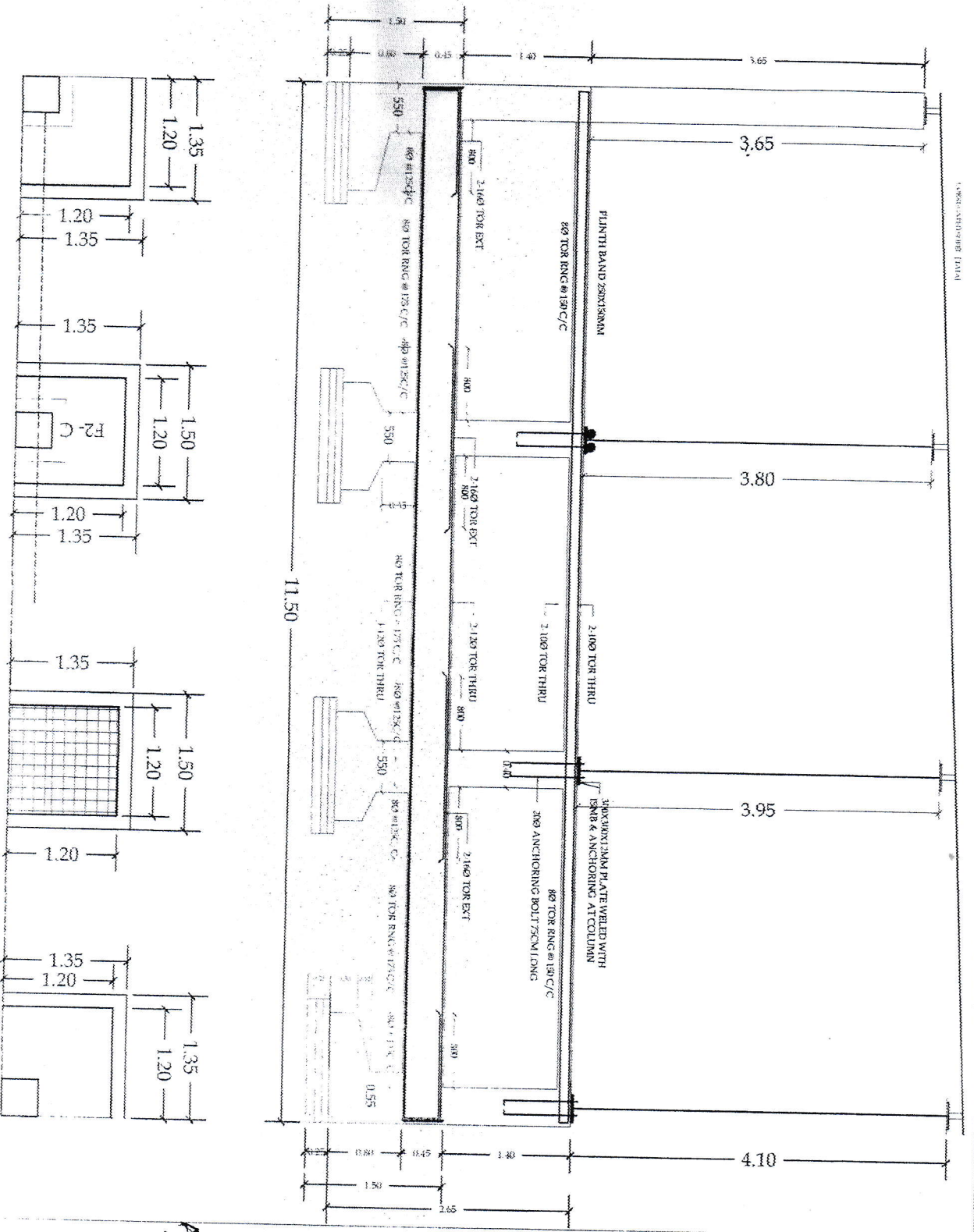
Drw. No.  
CS-03

Client: Patna Dairy Project patna

DEV-CHANDRA CREATIVE ASSOCIATES

Work: Extension of Curd Room at PDP.  
Drawing: Cross Section of Column,  
capping beam & Truss Design of curd

ARCHITECT & DESIGN ENGINEER CONSULTANT  
PLOT-80, BLOCK - C, GANDHI NAGAR, ASHIYANA  
NAGAR, PATNA-800025.  
Email: er.kshashi@gmail.com, Mob. : 7319915111



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Draw. No.:

CS-02A

