

VPDUSS-SOP-8.5.1.2-01.F02

VAISHAL PATLIPUTRA DUGDH UTPADAK SAHKARI SANGH LTD

PATNA DAIRY PROJECT

PHULWARISHARIF, PATNA 801 505

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Tender Notice

PDP:PUR:FBD: 7561

Dated:25.01.2025

Sealed tenders are invited from civil contractors registered with building construction works Department ,Rural Works Department,Water Resource Department ,Government of Bihar OR registered with COMFED in suitable class for the civil work as given below:-

Sl.no.	Name of Work	Estimated Cost (InRs.)	Amount of EMD (In Rs.)	Cost of BOQ(InRs)	Time of Completion
01	Civil construction work for Cooling tower base foundation on terrace at Patna dairy Project (FBD),Patna. The details scope of work as per BOQ and diagrams attached herewith	41,325.00	850.00	250.00	45 days

1)Tender document can be obtained from the cashier at the office (Patna Dairy Project),VPDUSS Ltd during office hours OR it may be downloaded from [website-www.patnadairy.org](http://www.patnadairy.org) upto 08.02.2025 at 3.00pm.Download BOQ must be accompany with DD of BOQ cost.DD of any nationalised bank shall be submitted in favour of "Vaishal Patliputra Dugdh Utpadak Sahkari Sangh Ltd.",Payable at Patna.

2)Contractors who download the tender and those who purchase the tender/BOQ directly from office at Patna Dairy Project,both will send their completed tender in a sealed envelope through registered post or through courier to Purchase section at Patna Dairy Project address.

3)Last date of receipt of completed tender-09.02.2025 upto to 3.00pm .Tenders received after due date & time shall not be considered.

4)Date of opening all received-10.02.2025 at 3.00pm in the presence of the tenders of their authorized agent in the office of Patna Dairy Project VPMU.

5)Tenders received after due date & time shall not be considered.

Undersigned reserves the right to extend the dates OR cancel the tender



Manager MM

BOQ (Bill of quantities)

For Cooling tower base foundation on terrace in Feeder balancing dairy, Patna.

Rates are based on BCD SOR-01.01.2022

SOR 2022	NAME OF WORK	UNIT	QTY.	RATE	AMOUNT(IN RS)
P-113/5.33A	RCC WORK with 1:1.5:3(1 cement:1.5 coarse sand:3 graded stone aggregate) excludig the cost of centering and shuttering,finishing and reinforcement upto plinth level upto v level				
P-113/5.33.A.2.1	For columns	CUM	0.563	5293.5	2980.241
P-114/5.33.A.2.2	For lintels,beams and bands	CUM	0.875	5677.2	4967.550
P-110/5.9	CENTRING AND SHUTTERING including strutting,propping etc. And removal of form for Columns				
P-110/5.9.6	For columns	SQM	9.000	494.4	4449.600
P-110/5.9.5	For lintels,beams and bands	SQM	7.50	404.7	3035.250
P-208/13.11.4	12 mm cement plaster 1:6(1 cement : 6 coarse sand) on exterior of partition wall	SQM	20.063	141.5	2838.915
P-208/13.26	Neat cement punning	SQM	20.063	40.5	812.552
P-112/5.22.7A	TMTC-500-8 mm bars	Kg	58.4442	94.5	5522.977
P-112/5.22.7C	TMTC-500-12 mm bars	Kg	145.96	90.8	13253.168
Total estimated cost without carriage					37860.251
Carriage of materials & difference of cost of materials					
Carriage of materials & difference of cost of materials					
A	Carriage of Materials				
a	Graded Stone aggregate 175 km.	Cum.	0.744	3599.90	2,678.326
b	Coarse sand 45km.	Cum.	0.733	776.22	568.969
e	Reinforcement (Steel)	Tonne	0.204	243.70	49.715
f	Cement	Tonne	0.352	243.70	85.782
B	Difference of Cost of Materials SAHARSA ZONE				
I	Cement	Tonne	0.352	232.30	81.770
TOTAL CARRIAGE CHARGE				Rs.	3,464.562
TOTAL ESTIMATED COST=					41324.813
					41325

	I AM AGREE TO DO THIS WORKS:	IN %	IN WORD
1	ON THE BOQ RATE		
2	BELOW THE GIVEN RATE (IN %)		
3	ABOVE THE GIVEN RATE (IN %)		
4	SIGNATURE OF CONTRACTOR	SIGNATURE OF CLIENT	

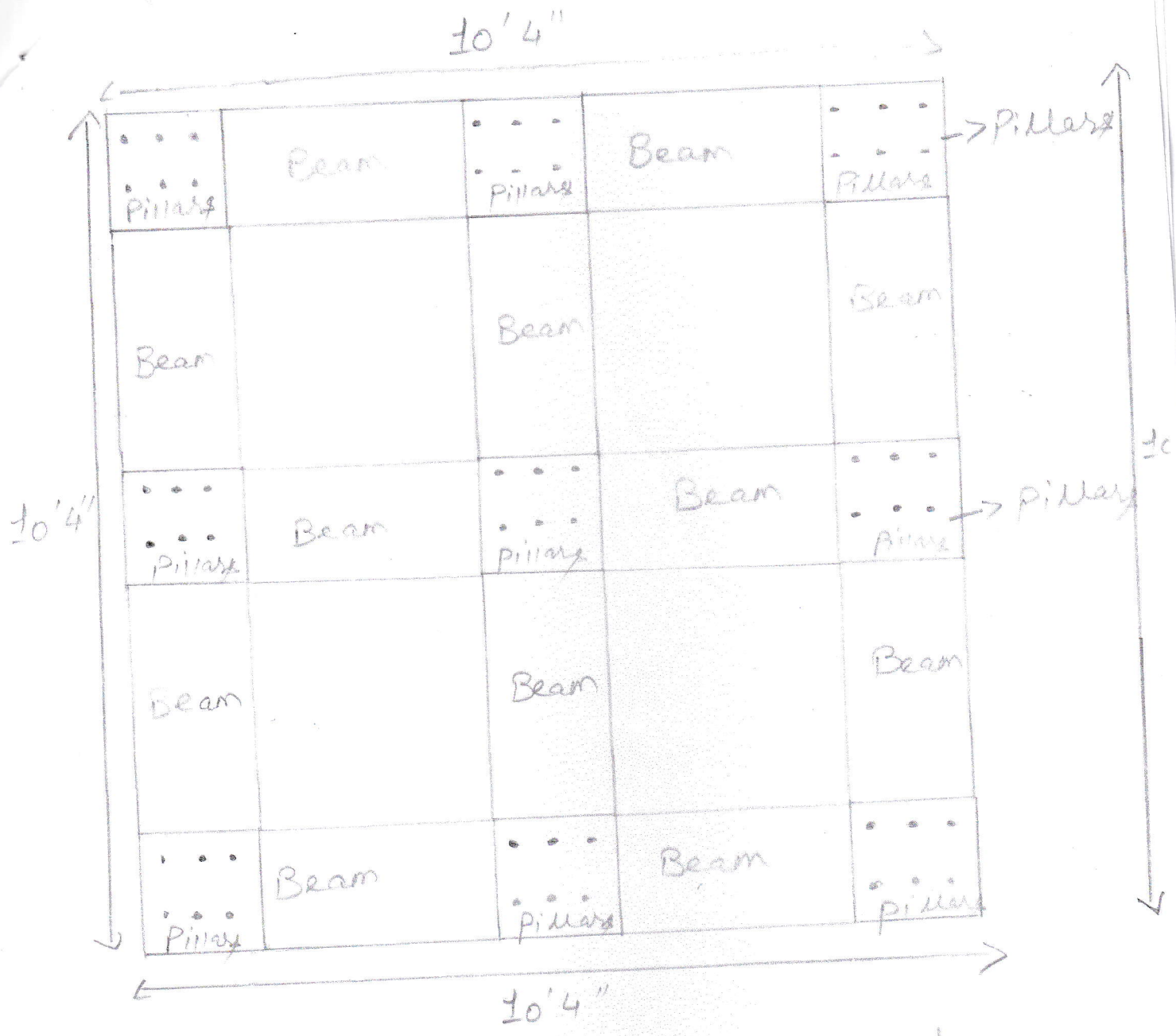
Aditya Jaiswal

MEASUREMENT SHEET

WORK:- Cooling tower base foundation on terrace in Feeder balancing dairy, Patna.

S.NO.	PARTICULARS OF ITEMS	UNIT	NO.	LENGTH(IN M)	WIDTH(IN M)	HEIGHT(IN M)	QTY.
1	providing and laying in position machine batched, machine mixed and machine vibrated design mix cement concrete of M-20 grade with 1:1.5:3(1 cement:1.5 coarse sand:3 graded stone aggregate) excludig the cost of centering and shuttering,finishing and reinforcement.						
1.1	Above plinth level						
1.1.1	columns	CUM	9	0.25	0.25	1	0.563
1.1.2	Tie beam all around	CUM	1	11	0.25	0.25	0.688
1.1.3	Tie beam inner on one side	CUM	1	3	0.25	0.25	0.188
TOTAL QTY.(CUM)=							1.438
2	CENTERING AND SHUTTERING including strutting,propping etc. And removal of form for columns,Footing,tie						
					side		
2.1	columns	sqm	9	0.25	4	1	9.000
TOTAL QTY.(SQM)=							9.000
2.2	Tie Beam						
2.3	Long side	sqm	3	3	2	0.25	4.500
2.4	Short side	sqm	2	3	2	0.25	3.000
TOTAL QTY.(SQM)=							7.500
3	12 mm cement plaster 1:6(1 cement : 6 coarse sand) on						
3.1	Columns sides	Sqm	9	1	-	1	9.000
3.2	Columns top	Sqm	9	0.25	-	0.25	0.563
3.3	Tie beam all around	Sqm	1	11	-	0.75	8.250
3.4	Tie beam inner on one side	Sqm	1	3	-	0.75	2.250
TOTAL QTY.(SQM)=							20.063
4	TMT bars 12 mm dia. Fe 500						
4.1	Columns	Kg	9	6	1.6	0.89	76.896
4.2	Tie beam all around	Kg	1	4	13.6	0.89	48.416
4.3	Tie beam inner on one side	Kg	1	4	4	0.89	14.240
4.4	Lap length	Kg	1	12	0.6	0.89	6.408
TOTAL QTY.(Kg)=							145.960
5	TMT bars 8 mm dia. Fe 500						
5.1	Columns lateral ties @150 mm c/c	Kg	9	7	0.84	0.395	20.903
5.2	Tie beam stirrups @150 mm c/c	Kg	1	94	0.96	0.395	35.645
5.3	Lap length	Kg	1	12	0.4	0.395	1.896
TOTAL QTY.(Kg)=							58.444

Aditya Gaurav



Drawing and plan for
covering tower base
foundation at terrace
in Fbd, Patna.

Aditya Sankar