

**VAISHAL PATLIPUTRA DUGDH UTPADAK SAHKARI SANGH LIMITED**

**(Patna dairy Project)**

**Feeder Balancing dairy Complex, PHULWARISHARIF, Patna, 801505**

**(Phones: 2252553, 2252542, 2251622, Fax: 0612- 2250 325)**

**E-Mail -vpmunin@gmail.com, vpmuengg@gmail.com**

**GST no - 10AAAV8463B1ZV**

**Tender Notice**

**VPMU: ENGG: CIVIL: FBD: 9878**

**Date: 2/12/2025**

1. Sealed tenders are invited for the following works from contractors registered with the Building Construction Department/Rural Works Department/Water Resources Department under government of Bihar or registered with COMFED under the appropriate category. Contractors registered with departments other than COMFED must, at the time of purchase of the Bill of Quantities, submit evidence that they have completed at least two separate similar works of the same nature within the last four years, costing the same or more than the work for which they are tendering. In the absence of this evidence, Bill of Quantities will not be issued.
2. Tender document, Bills of quantities can be purchased from the office of the Manager (Engg.),VPMU/ website (www.patnadairy.org) **till 3:00 PM upto 25.12.2025**. The value/cost of the bill of quantities downloaded from the website will be in the form of a demand draft payable in the name of VAISHAL PATLIPUTRA DUGDH UTPADAK SAHKARI SANGH LTD., PATNA. Tenders will be accepted only if Contractors who download the tender and those who purchase the tender/BOQ directly from office of Manager (Engg.), both will send their completed tender in a sealed envelope through registered post sent by registered post or courier. The last date for submission of tenders is **26.12.2025 till 3:00 PM**.
3. Received tenders will be opened in the presence of the Tenderer or his representative on **26.12.2025 at 3:30 PM**. VPMU, Patna will not be responsible for late tenders. Contractors other than COMFED registered contractors must attach all documents such as copy of GST registration certificate, copy of PAN registration certificate, copy of payment certificate, Copy of Up to date income tax clearance certificate (ITR) of last three (3) years duly attested by a gazetted officer along with the tender form, otherwise the tender will not be considered.
4. Tender may be rejected if the rate quoted in price part is more than above 10% or more than below 10 % of the estimated rate. VPMU, Patna reserves the right to extend the date or cancel the tender.

<u>S.I. NO.</u>	<u>Name of work</u>	<u>Estimated cost (In Rs.)</u>	<u>Amount of EMD (In Rs.)</u>	<u>Cost of BOQ (In Rs.)</u>	<u>Time of completion</u>
<u>1.</u>	Civil construction work of equipment shed in Khalpura, saran under re-appropriated sanctioned Component of NPDD DTC-JICA assisted project	8,34,689.00	16,694.00	1,250.00	3 months



**Managing Director  
V.P.M.U, Patna**

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**E-Mail -vpmunin@gmail.com**

**GST no - 10AAAV8463B1ZV**

1. Sealed tender on prescribed B.O.Q to be eventually drawn in P.W.D. Form- F2 will be received from the Registered Contractors of Building Construction Dept Govt. of Bihar/ RWD/ Water Resources Department, Govt. of Bihar & COMFED up to **26.12.2025 PM till 3.00 PM** by the Manager (Engg.), **VAISHAL PATLIPUTRA DUGDH UTPADAK SAHKARI SANGH LTD., PATNA** for the work of **Civil Construction work of equipment shed in Khalpura, saran under component-B of NPDD DTC-JICA assisted project** and will be opened in the presence of the Tenderer or their authorized agents on **26.12.2025 at 3.30 PM.**
2. Tenderer should complete the work within **Three month** commencing from the date of receipt of written order to commence the work.
3. Tenderer are requested to deposit earnest money at the rate of Rs. 100/- (One hundred) for every Rs. 5000/- or part on the amount of estimate. The earnest money is to be deposited in shape of NSC duly pledged in favor of **VAISHAL PATLIPUTRA DUGDH UTPADAK SAHKARI SANGH LTD.** or Bank Draft in-favor of the **VAISHAL PATLIPUTRA DUGDH UTPADAK SAHKARI SANGH LTD.** will also be accepted.
4. The plan, elevation and specification for the work can be seen at the officer of the Manager (Engg.) during the working hour and day.
5. All other information can be obtained on application from the undersigned.
6. The authority reserves the right to reject any or all the tender received without assigning any reason there-of.
7. The earnest money of the successful Tenderer which accompanies the tender will be forfeited in case he (Tenderer) declines to sign. The agreement/contractor to deposit balance security within ten days of being called upon to do so after the acceptance of his tender.
8. The amount of estimate is **Rs. 8,34,689.00 (Rs. Eight lakh thirty four thousand six hundred and eighty nine only).**
9. The rates should be inclusive of all materials. The Tenderer should also indicate the rebate they will allow if levy cement @ Rs. **Nil** per bag either in full or part is arranged for the work.
10. The bill of quantity for the work can be obtained as per tender notice from the office of the Manager (Engg.) during working hours and days on payment of Rs. **1,250.00** (non refundable). EMD and cost of tender shall be enclosed with tender in a sealed envelope.
11. For obtaining BOQ directly contractors shall make a request to Manager (Engg.) who will forward the same to Manager (A/C), FBD for deposition of cost of tender, thereafter BOQ will be issued by Manager (Engg.).
12. Up to date Income tax clearance certificate (ITR) of last three years & other documents as per tender notice should be attached with tender other- wise it is liable to be rejected. Contractors shall submit the acceptance of all the terms & conditions of the tender on their letter head with signature & seal along with the tender form.
13. The contractor must submit copy of his registration no. /category of Registration and office in which registered distinctly.
14. The Tenderer should furnish his full postal address so that any letter at his given postal address will be deemed to have been received by him.

**Signature of Contractor**

  
**Manager (Engg.)**  
**V.P.M.U, Patna**



BILL OF QUANTITY

**PROJECT : CIVIL CONSTRUCTION WORK OF EQUIPMENT SHED IN KHALPURA, SARAN  
UNDER UNDER RE-APPROPRIATED SANCTIONED COMPONENT OF NPDD (DTC-JICA  
ASSISTED PROJECT)**

SL.	BSOR- 2022	DESCRIPTION OF ITEM	UNIT	QUANTITY	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.All kinds of soil				
2	2.28	Supplying and Filling in plinth with local sand and under floors including, watering, ramming consolidating and dressing complete.	Cum.	33.29	360.70	Rs. 12,007.70
3	11.73	Providing designation 100 A one brick edge soling joints filled with local sand including cost of watering, taxes, royalty all complete as per building specification and direction of E/I,	Cum.	29.21	287.30	Rs. 8,392.03
4	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering-all work up to plinth level.	Sqm.	99.63	444.80	Rs. 44,315.42
	4.1.5	1:3:6(1 Cement: 3 coarse sand:6 graded stone aggregate 20 mm nominal size)	Cum	1.35	3434.00	Rs. 4,635.90

*Aditya Kumar*

*Rd1*

# BILL OF QUANTITY

SL.	BSOR- 2022	DESCRIPTION OF ITEM	UNIT	QUANTITY	RATE	AMOUNT
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 upu to plinth level				
	5.1.2	1:1:5:3(1 cement: 1.5 coarse sand:3 graded stone aggregate 20 mm nominal size)	Cum	23.07	4688.30	Rs. 1,08,159.08
6	5.2	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. upto floor five level excluding cost of centering, shuttering, finishing and reinforcement				
	5.2.2	1:1:5:3(1 cement: 1.5 coarse sand:3 graded stone aggregate 20mm nominal size)	Cum.	2.02	5670.00	Rs. 11,453.40
7	5.9	Centring and shuttering including strutting, propping etc. and removal of form for.				
	5.9.1	Foundations, footings, bases of columns etc. for mass concrete.				
			Sqm.	11.42	211.6	Rs. 2,416.47
	5.9.6	Columns, Pillars, Piers, Abutments, Posts and Struts.				
			Sqm.	18.00	494.40	Rs. 8,899.20
	5.9.5	Lintels, beams, plinth beams, girders, bressumers and cantilevers with water proof ply 12 mm thick.				
			Sqm.	31.92	404.70	Rs. 12,918.02

*Aditya Jaiswal*

*Rd*



# BILL OF QUANTITY

SL.	BSOR-2022	DESCRIPTION OF ITEM	UNIT	QUANTITY	RATE	AMOUNT
8	5.22	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.				
	5.22.7A	Thermo-Mechanically Treated bars TMTC-500- 8mm dia.	Kg.	645.62	94.50	Rs. 61,011.09
	5.22.7B	Thermo-Mechanically Treated bars TMTC-500- 10mm dia.	Kg.	144.67	92.60	Rs. 13,396.81
	5.22.7C	Thermo-Mechanically Treated bars TMTC-500-12mm dia.	Kg.	575.00	90.80	Rs. 52,209.80
9	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)	Cum.	3.19	4819.90	Rs. 15,375.48
10	10/13.19	18 mm cement plaster in two coat under layer 12 mm thick cement plaster 1:5 (1 cement: 5 course sand) and a top layer 6mm thick cement plaster 1:3(1 cement: 3 coarse sand finished rough with sponge:218.20	Sqm.	104.16	218.20	Rs. 22,727.71
11	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	Hot finished welded type tubes	Kg.	1250.40	123.90	Rs. 1,54,924.19

*Aditya & Associates*

*(Signature)*

# BILL OF QUANTITY

SL.	BSOR- 2022	DESCRIPTION OF ITEM	UNIT	QUANTITY	RATE	AMOUNT
12	12.5	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.				
13	12.51	Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm (+0.05 %) total coated thickness, 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 using self drilling/ self tapping screws complete :	Sqm.	199.40	625.10	Rs. 1,24,644.31
	12.51.2	Flashings/ Aprons.( Upto 600 mm) meter	Mtr.	9.64	377.90	Rs. 3,642.96

*Aditya Jaiswal*

*Redu*



BILL OF QUANTITY

SL.	BSOR- 2022	DESCRIPTION OF ITEM	UNIT	QUANTITY	RATE	AMOUNT
14	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	Sqm.	79.01	116.50	Rs. 9,204.43
15	CARRIAGE OF MATERIALS & DIFFERENCE OF COST OF MATERIALS					
	I	Carriage of Materials				
	a	Graded Stone aggregate 157 km.	Cum.	22.60	3840.86	Rs. 86,803.44
	b	Coarse sand 58km.	Cum.	18.87	889.38	Rs. 16,782.60
	c	Bricks 8km	1000No.	6.94	1053.35	Rs. 7,310.25
	d	Reinforcement (Steel) 3 km.	Tonne	1.37	492.75	Rs. 675.06
	e	Cement 3 km.	Tonne	1.35	492.75	Rs. 665.21
		Local sand	Cum.	29.21	322.81	Rs. 9,429.28
	II	Difference of Cost of Materials				
	a	Bricks [Saran ]	1000No.	6.94		Rs. 0.00
	b	Cement [Saranl ]	Tonne	1.35	166.51	Rs. 225.43

(Rd)

ARCHITECTS ENGINEERS: DEV-CHANDRA CREATIVE ASSOCIATES

Er. Shashi Kumar

Signature

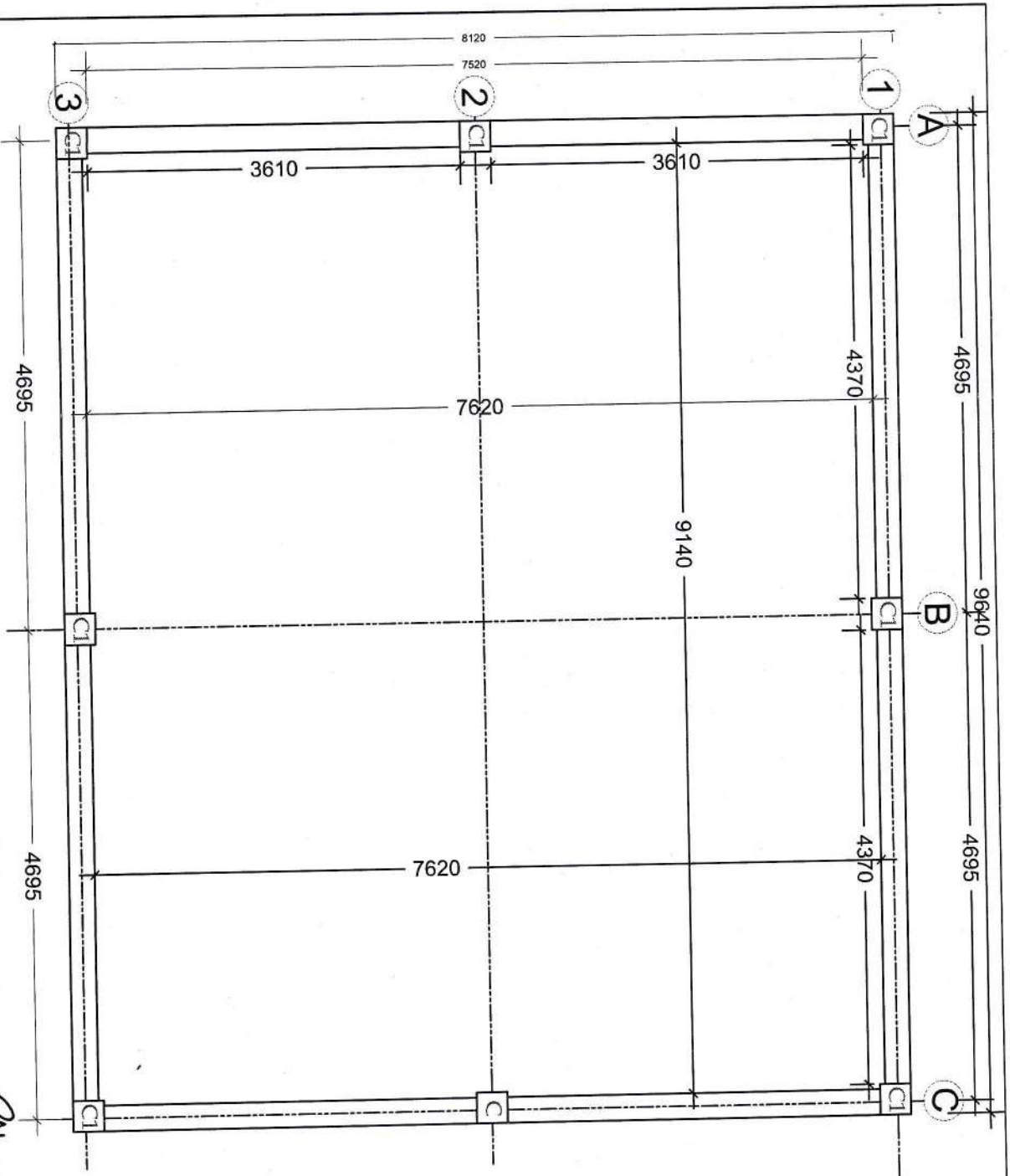
# BILL OF QUANTITY

SL.	BSOR-2022	DESCRIPTION OF ITEM	UNIT	QUANTITY	RATE	AMOUNT
16		<b>GRAND TOTAL</b>				Rs. 7,92,225.26
17		Add 5.36% GST as per PWD notification (Govt. of Bihar)				Rs. 42,463.27
18		Total estimated cost				Rs. 8,34,688.53
19		Total estimated cost- In roundoff				Rs. 8,34,689.00
20		Rs Eight lakh thirty four thousand six hundred and eighty nine only with GST.				
SL.		I AM AGREE TO DO THIS WORK		IN %		IN WORDS
1		ON THE BOQ RATE				
2		BELOW THE GIVEN RATE (IN %)				
3		ABOVE THE GIVEN RATE (IN %)				
SIGNATURE OF CONTRACTOR WITH SEAL			SIGNATURE OF MANAGER (Engg.)			

*(Signature)*

*Aditya Kumar*





ADVANCE COPY

D R A W I N G ;  
PLAN OF EQUIPMENT SHED

CLIENT: PATNA DAIRY PROJECT PATNA,  
PHULWARISHARIF, PATNA.

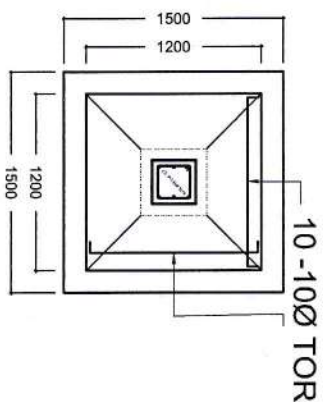
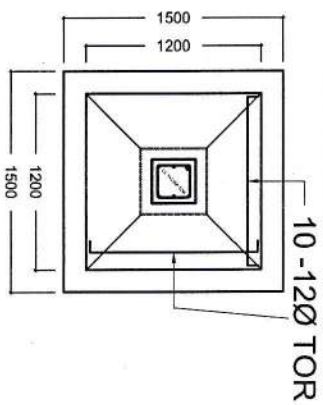
DRW: P-01

Date:  
21.03.2024



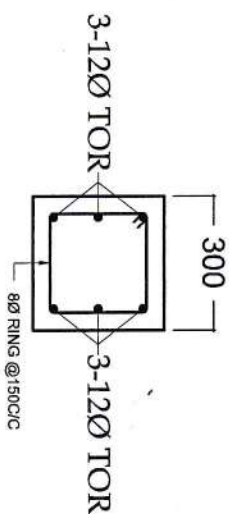
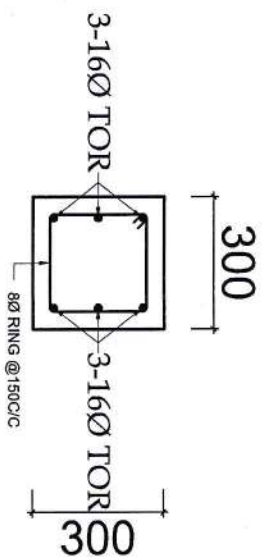
**DEV-CHANDRA CREATIVE**  
ARCHITECTS & ENGINEERS CONSULTANCY  
PLOT-80, OPPOSITE WONDER WING SCHOOL,  
BLOCK-C, GANDHINAGAR, ASHIYANA NAGAR,  
PATNA - 800025  
Contact No.: +91 7319915111, 6200615899

Email: [er.khashi@gmail.com](mailto:er.khashi@gmail.com)  
[er.khashi7@gmail.com](mailto:er.khashi7@gmail.com)



GRID A1,B1,C1,A3, B3 & C3  
COLUMN [C1]

GRID A2 & C2 ( 300X300 )  
COLUMN - [C] UP TO PLINTH



COLUMN 300X300  
3+3-12Ø WITH 350MM L  
BOTTOM & 150MM L AT  
TOP & 8Ø RING @150C/C

COLUMN 300X300  
3+3-12Ø WITH 350MM L  
BOTTOM & 150MM L AT  
TOP & 8Ø RING @150C/C

ADVANCE COPY

DRAWING :  
FOUNDATION & COLUMNS  
DESIGN

CLIENT: PATNA DAIRY PROJECT PATNA,  
PHULWARISHARIF, PATNA.

DRW: S-01

Date: 21.03.2024



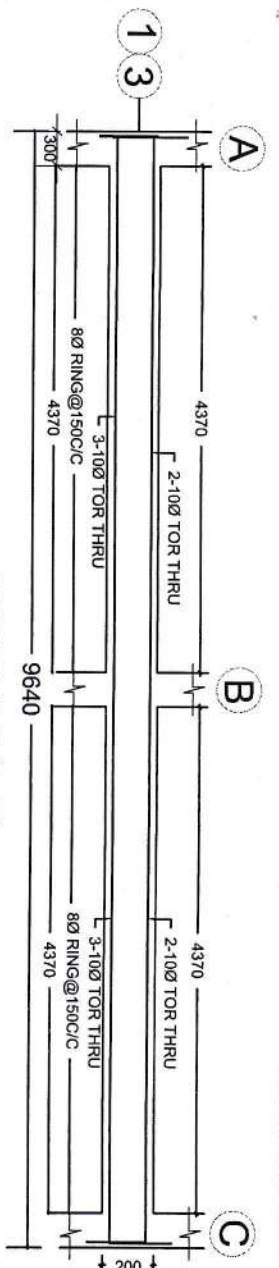
**DEV-CHANDRA CREATIVE**  
A S S O C I A T E S  
ARCHITECTS & ENGINEERS CONSULTANCY  
S E R V I C E S  
PLOT-80, EXETER WING SCHOOL,  
BLOCK-C, GANDHINAGAR, ASHIANA NAGAR,  
P A T N A - 8 0 0 0 2 5  
Contact No.:+91 7319915111, 6200615899

Email: [er.khashi@gmail.com](mailto:er.khashi@gmail.com)  
[[er.khashi7@gmail.com](mailto:er.khashi7@gmail.com)]

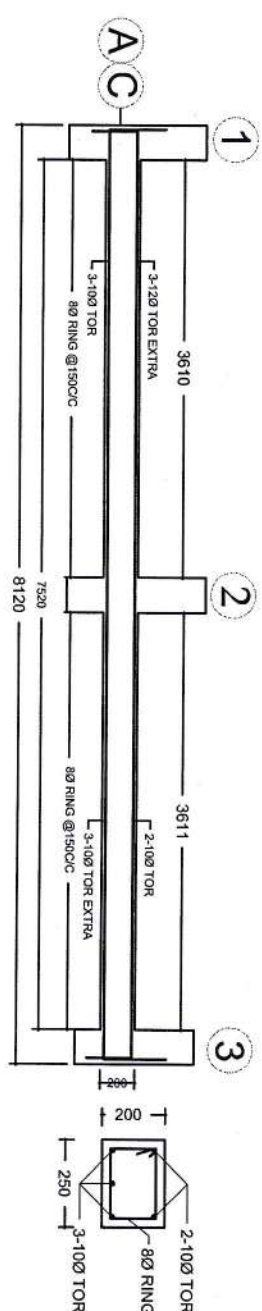
Polistes auratus

Reda

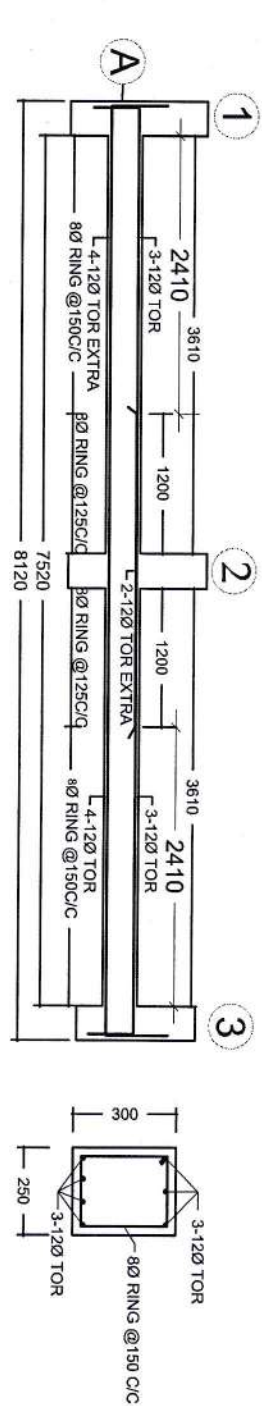




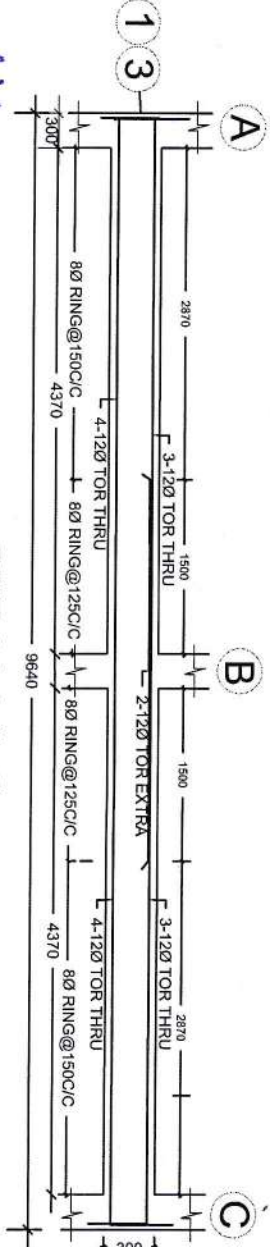
GRID 1 & 3 (A-C)  
PLINTH BEAM (200 X250)



GRID A & C (250X200)



GRID A (1-3)  
TIE BEAM 250X300



GRID 1 & 3 (A-C)  
TIE BEAM 250 X300

*Aditya & Anshu*

- NOTE:
- 1.0 CLEAR COVER FOR COLUMN 40MM
  - 2.0 CLEAR COVER FOR BEAM 25MM
  - 3.0 CLEAR COVER IN FOUNDATION 50MM
  - 4.0 LAP HORIZONTAL BAR 40 d
  - 5.0 LAP VERTICAL ZONE & DEVELOPMENT 57 d
- CRANKS 8D

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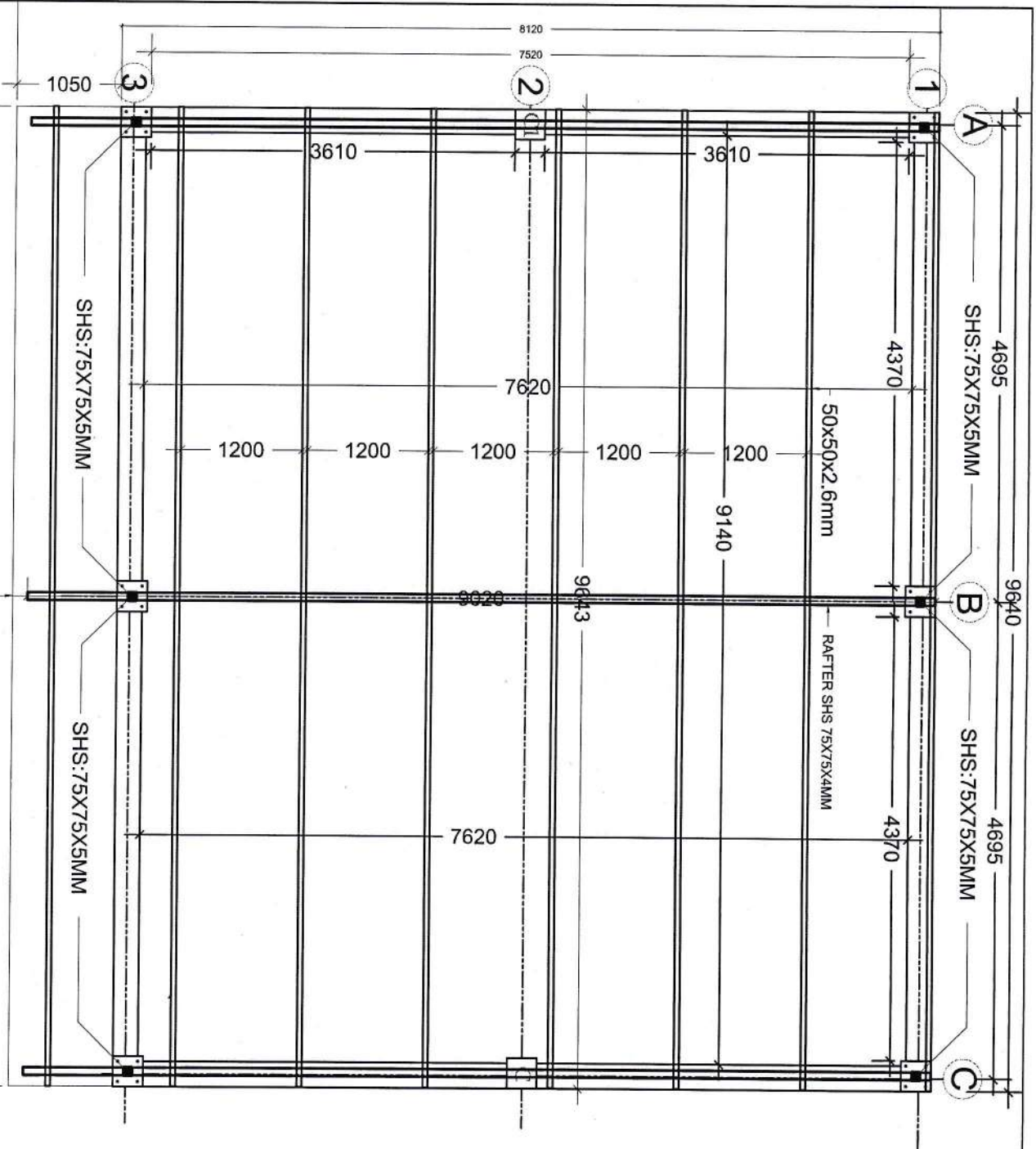
DRAWING :  
STRUCTURAL DESIGN OF TIE  
BEAM & PLINTH BEAM

CLIENT: PATNA DAIRY PROJECT PATNA,  
PHULWARISHARIF, PATNA.

DRW: S-01 Date: 21.03.2024

DEV-CHANDRA CREATIVE  
ARCHITECTS & ENGINEERS CONSULTANCY  
PLOT-80, OPPOSITE WONDER WING SCHOOL,  
BLOCK-C, GANDHINAGAR, ASHIVANA NAGAR,  
PATNA - 800 002  
Contact No: +91 7319151111, 6200615899

Email: er.khashi@gmail.com  
er.khashi7@gmail.com



# DETAILS OF TRUSS DESIGN

SINGLE LAYER RAFTER OF M.S. SHS SECTION SIZE 75X75X4MM  
(a) COLUMN & MAIN RAFTER 75X75X4MM M.S.  
SHS SECTION USE FOR PILLER & RAFTER

PURLIN : SIZE 50X50X2.6 MM M.S. SHS SECTION  
Side connector 2Nos all side 25x25x2.5mm

ALL TRUSS & PILLARS, PURLINE SHOULD  
BE WELL WELDED WITH EACH OTHERS.

PILLARS SHOULD BE WELDING WITH 8  
MM THICK 300X300MM PLATE  
ANCHORING IN COLUMN WITH 20 DIA  
ANCHORING BOLT OF 750MM LONG WITH  
L & BOLT

DRAWING :  
TRUSS LAYOUT PLAN  
EQUIPMENT SHED

CLIENT: PATNA DAIRY PROJECT PATNA,  
PHULWARISHARIF, PATNA.

DRW: P-02

Date:  
21.03.2024



DEV-CHANDRA CREATIVE

ASSOCIATES  
ARCHITECTS & ENGINEERS CONSULTANCY  
PLOT-80, OPPOSITE WONDER WING SCHOOL,  
BLOCK-C, GANDHINAGAR, ASHITANA NAGAR,  
PATNA - 800025  
Contact No.: +91 7319915111, 6200615899

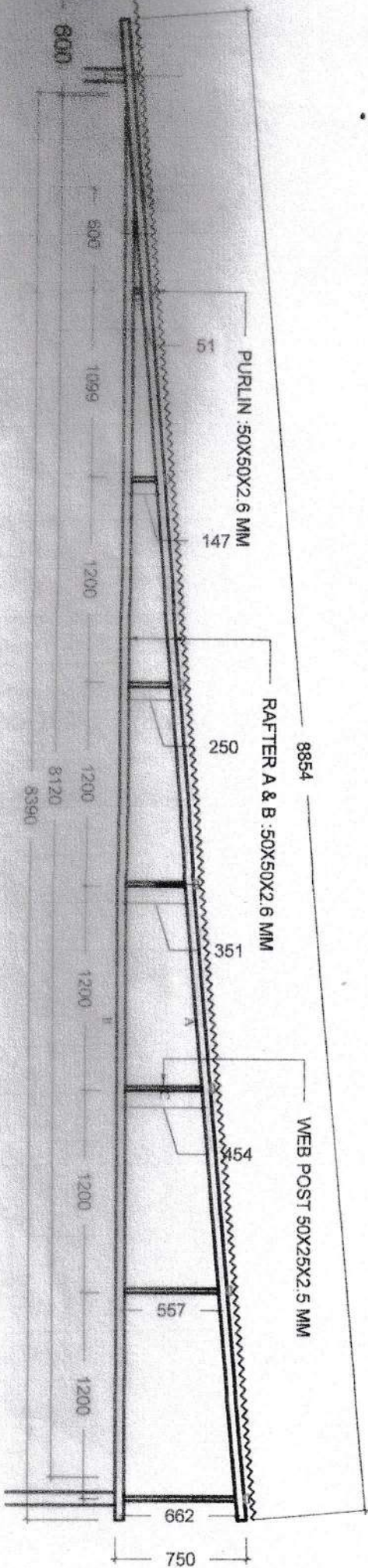
Email: er.khashi@gmail.com  
[er.khashi7@gmail.com]

ADVANCE COPY

Aditya Paul



## ROOF TRUSS DESIGN



TOP RAFTER 50X50X2.6 MM SHS 8855 MM LONG  
 BOTTOM RAFTER 50X50X2.6 MM 8390 MM LONG  
 POST C 50X25X2.5MM (I) 662 MM (II) 557MM (III) 454 MM  
 (IV) 351 MM (V) 250MM (VI) 147MM & (VII) 51MM  
 (W) TOTAL LENGTH OF POSTS : 2472mm say 2475mm

*Aditya Pandey*

### DEV-CHANDRA CREATIVE ASSOCIATES

ARCHITECTS & ENGINEERS CONSULTANCY SERVICES.  
 PLOT-80, OPPOSITE WONDER WING SCHOOL, BLOCK-C,  
 GANDHINAGAR, ASHIYANA NAGAR, PATNA-800025.  
 Contact No.: +91 7319915111, 6200615899

Email: er.kshashi@gmail.com [er.kshashi7@gmail.com]



**SPECIAL CONDITION FOR THE WORK**

\_\_\_\_\_ Nil \_\_\_\_\_

\_\_\_\_\_ Nil \_\_\_\_\_

1. No claim will be entertained due to idle labour and/any or and other cause.
2. levy cement if supplied by the Federation will be at the rate noted below :-

a. Cement \_\_\_\_\_ N.A \_\_\_\_\_

Place of delivery

\_\_\_\_\_ N.A \_\_\_\_\_

3. The contractor will have to provide huts for the laborers' at his own cost and will have to observe all labour rules including observance of the minimum labour waged.
4. After completion of work, the side of the work will have to be cleared off from all rubbish and un-used materials for which no extra payment will be made.
5. Time of completion of the work is (03) Three months from the date of issue of work order. However the contractor may quote his own line of completion.
6. The contractor employing motor vehicles should follow rules with regard to motor vehicles.
7. For excess consumption of the Federation materials over the actual requirement, recovery will be made at panel rate i.e. double of issue rate.
8. Only kiln burnt bricks will have to be used by the contractor in construction of work.
9. The contractor will be liable to pay compensation under the work-man's Act for accident or less of life, if any.
10. The contractor will be have to maintain site order book on the site of work exhibit able to inspecting officers any time on demand.
11. All works shall be carried out in workmanship like manner and as per standard specification of the VPMU/COMFED.
12. The authority reserves the right on distribution of work among several contractors.
13. Two percent (2%) Income Tax, 5% Security and Sales Tax/GST (Good Service Taxes) as per rule will be deducted from all payments (Gross amount).
14. The tenderers are presumed to have inspected the site and acquainted himself with the local condition of the work and no claim due to ignorance these conditions and also site conditions will be entertained.
15. No claim will be entertained for fluctuation of the rates of labour/materials and carriage at any stage of work under progress.
16. Items of work beyond agreement shall not be executed by the contractor, if this becomes a necessity, written order of Engineer In-charge should be obtained before taking up such works. Such items shall ordinarily be paid at schedule of rate. However, Contractor may prefer a claim before taking up such works and await decision of rates by the competent authority.



17. Quantity of work may increase or decrease in accordance with the order of E/I.
18. Contractor will assist supervision of work, measurement and verification of bills by the officers of the VPDUSS Ltd (VPMU) and will mend good any items damaged in course of inspection, measurement and verification of work.
19. Site shall be cleared and kept clean by the contractor at their own cost during completion of work.
20. Foundation trench shall have to be kept dry during the execution of work & de-watering can be ordered by the E/I if necessary.
21. Only LAFARGE, A.C.C PRISM, L & T & GRASIM cement will be used.
22. The bill will be submitted by the contractor once in a month for substantial quantity of work done. However VPMU is not bound to make monthly payment for works considerably lower than warranted by the proportionate time.
23. Liquidated damages/ Delay penalty:- For delay in completion of the work beyond the stipulated completion time of three(03) months, a deduction at the rate of half percent (1/2 %) per completed week of delay day shall be made from your running account (RA) bills of those works which are completed beyond completion time of three (03) months. The penalty deduction under liquidated damage (LD) clause should not exceed 10 % (Ten Percent) at the total ordered / contract value.
24. Extension of time :- However, extension of the time for completion of the work, on the ground of having been unavoidably hindered in the execution of work OR on any other ground other than force majeure. Contractor may make request in writing to Managing Director/ Manager (Engg.) immediate after the date of start of the hindrance. It will be sole discretion of the Managing Director (VPMU) to grant time extension. If time extension is granted penalty deducted under LD clause will be refunded.

  
04/12/25  
Manager (Engg.)  
V.P.M.U, Patna