

Tender No 12

Date :- 24/12/2025

## TENDER NOTICE

**Sealed quotations are invited from reputed and experienced firms as per following details.**

1. Name of work : Construction of boundary wall (frontside) in the eastern side of the School Campus.
2. Total length : 122 meter (approx. 400 Rft).
3. Time of Completion : Within 3 Months from the date of approval
4. Date of Tender Notification : 24/12/2025
5. Last Date/Time for Receipt of Bids : 29/12/2025
6. Name and address of office inviting Tender : D.A.V. Public School, BSEB Colony, Patna-23
7. Contact No. of procurement office : School's Telephone No. 0612-2283467

## FOLLOWING POINTS NEED ATTENTION

1. Only the quality materials (Branded Company) and standard workmanship will be acceptable.
2. Each interested firm will submit the two sealed quotations viz financial bid and technical bid.
3. The school shall not be liable to pay any tax, freight etc. which has not been expressly stipulated in the quotation in the event of acceptance of the quotation. The school will deduct TDS as per rules of Income Tax.
4. The undersigned does not bind himself/herself to accept the lowest quotation and reserves the right to accept the quotation in whole or in part i.e., with respect to all the articles mentioned in the attached statement or in respect of one or more than one articles specified on the attached statement as he/she may decide.
5. On acceptance of the quotation it will become a contract and the contractor shall be bonded by the terms and conditions of the quotation as well as contractor must fulfil the terms and conditions of Government of India/Bihar.
6. The quantity of articles indicated in the attached statement may be increased or decreased at the discretion of the undersigned without assigning any reason.
7. In the event of acceptance of quotation and placing of the order for repairing the articles ordered for, would be subjected to an inspection by the undersigned or architect and are liable to be rejected if the articles supplied are not according to approved samples or do not confirm to the specifications prescribed by the architect.
8. The rate quoted by the contractor shall hold good up to finishing of the construction. No amendment will be expected in the approved rate.
9. The payment will be made to the contractor through A/c payee cheque as per the agreement and duly approved by the architect.
10. Quotations which do not comply with the above conditions are liable to be rejected.
11. The site and proposed map is open for inspection before bidding for all interested persons.
12. All due formalities related to safety and security of the labourers (as per Govt. Norms) is sole responsibility of the firm who will accept the work.
13. Management of wastage will be responsibility of selected firm and the expenses incurred over it will be beared by the selected firm.
14. Please add- the undersigned may change the dates as well cancel the tender at any time without any prior notice.
15. All disputes subject to Patna Jurisdiction only.

## MEMBER OF BUILDING SUB-COMMITTEE

1. Mr. Ram Anugrah Narayan Singh, LMC Chairman
2. Mrs. *Anita Pathak*
3. Mr. S.K. Jha, Regional Officer -cum- Manager, DAV Public Schools, Bihar Zone-A
4. Mr. A. C. Jha, Principal, DAV Public School, BSEB Colony, New Punaichak, Patna.
5. Mrs. Jyoti Sinha, Principal, DAV Public School, Walmi Complex, Phulwarisharif, Patna
6. Mr. Vijay Kumar Pathak, Principal, Dr. G.L. Dutta DAV Public School, Kankarbagh, Patna
7. Teacher members

  
A. C. Jha

Principal Cum- ARO  
Principal

**D.A.V Public School**

BSEB Colony, New Punaichak, Patna-23

Registration No.-330050, School Code-65046

  
S.K. Jha  
Manager

**Manager**

**D. A. V. Public School**

B.S.E.B. Colony, New Punaichak, Patna-23

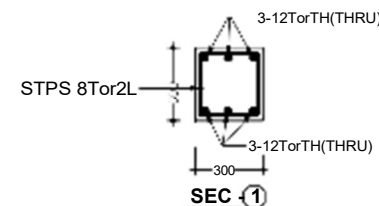
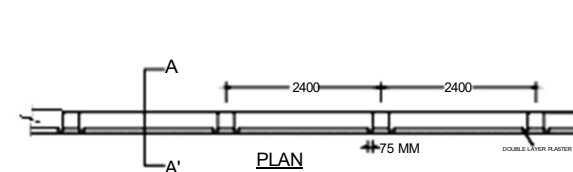
Aff. No.-330050, School Code-65046

<b>ABSTRACT OF COST FOR BOUNDARY WALL (</b>						
<b>WESTERN SIDE OF CAMPUS NEAR PLAY GROUND)</b>						
<b>AT DAV PUBLIC SCHOOL, BSEB COLONY, PATNA</b>						
<b>FOR FINANCIAL APPROVAL ONLY</b>						
<b>CONSULTANTS:</b>						
<b>BASED ON S.O.R. B.C.D.GOV.T. OF BIHAR EFFECTIVE FROM 01/01/2022/MR</b>						
		<b>Basic Length:30M</b>				
		<b>Actual Length:122 M</b>				
		<b>Multiplication Factor:4.067</b>				
<b>SL.NO</b>	<b>ITEM NO.</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>Qty.</b>	<b>RATE</b>	<b>AMOUNT</b>
1		Demolishing R.C.C. work including stacking of steel bars and disposal of unserviceable material withing 50 metres lead:				
2		Demolishing brick work including stacking of serviceable material and disposal of unserviceable material within 50 meters lead:				
		In cement mortar				
3		Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.				
4		Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead upto 50 m and lift upto 1.5 m				
		All kinds of soil.				
5		Making 25 cm (10") dia bore up to 4 mtr depth below ground with hand auger of approved quality in ordinary soi! (vide classification of soil item A ) true to plumb and without eccentri city in any stage of operation and disposal of the excavated earth up to 50 mtr , Lead in eluding all lifts , all complete as per approved disgn and direction of E/I Details of cost for 4 piles of 4 m= 16 mtrs depth )				
6		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				
7		Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering lead.				
8		Supplying and Filling in plinth with local sand and under floors including watering, ramming consolidating and dressing complete.				
9		Providing designation 100A one brick flat soling joints filled with local sand including cost of watering, taxes, royalty all complete as per building specification and				

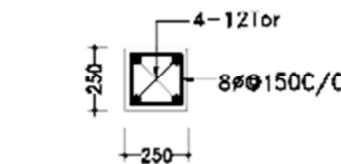
SL.NO	ITEM NO.	DESCRIPTION	UNIT	Qty.	RATE	AMOUNT
10		Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering-All work up to plinth level:				
		1:3:6 (1 Cement: 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)				
11		Centering and shuttering including strutting, propping etc. and removal of form work for:				
		Foundations, footings, bases for columns				
12		<p>Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana /Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate /retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete.</p> <p>Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 110% of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement.</p>				
		All works up to plinth level				
		Concrete of M-25 grade with minimum cement content of 330 kg/cum				
		All work above Plinth level upto floor V Level.				
		Concrete of M-25 grade with minimum cement content of 330 kg/cum				
13		Add for using extra cement in the items of design mix over and above the specified cement content therein.				
14		Centering and shuttering including strutting, propping etc. and removal of form for:				
		Foundations, footings, bases of columns, etc. for mass concrete.				
		Columns, Pillars, Piers, Abutments, Posts and Struts.				
		Small lintels not exceeding 1.5m clear span, moulding as in cornices, window sills, string courses, bands, copings, bed plates, anchor blocks and the like.				
15		Reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete.				
		Thermo-Mechanically Treated bars TMTC-500-8mm dia				
		Thermo-Mechanically Treated bars TMTC-500-10mm dia				
		Thermo-Mechanically Treated bars TMTC-500-12mm dia				

SL.NO	ITEM NO.	DESCRIPTION	UNIT	Qty.	RATE	AMOUNT
16		Brick work with fly ash bricks as per IS 12894(2002) & IS 3495 in foundations and plinth in :				
		Cement mortar 1:6(1 cement:6 coarse sand)				
17		Extra for Brick work in superstructure above plinth level upto floor V Level				
18		Extra for providing and placing in position 2 nos. 6mm dia, MS bars at every third course of half brick masonry (with F.P.S bricks)				
19		Half brick masonry with non modular fly ash bricks of class designation 10, conforming IS :12894, in superstructure above plinth and upto floor V level.				
		Cement mortar 1 : 4 (1 cement : 4 coarse sand)				
20		Steel work welded in built up sections/framed work including cutting hoisting, rixing in position and applying a priming coat of approved steel primer using structural steel, etc. as required.				
		In gratings, frames, guard bar, ladders, railings, brackts. gates & similar works.				
21		Applying priming coat				
		With ready mixed zinc chromate yellow primer of approved brand and manufacture on steel galvanized iron/steel works				
22		Painting with synthetic enamel paint of approved brand and manufacture to give an even shade				
		Two or more coats on new work				
23		20mm cement plaster of mix:				
		1:4(1 cement: 4 course sand)				
24		Extra for providing and mixing water proofing material in proportion recommended by the manufacturers.				
		20mm cement plaster 1:4( 1 cement: 4 sand)				
25		Applying one coat of cement primer of approved brand and manufacture on wall surface:				
		Cement primer				
26		Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade.				
		New work (Two or more coats applied @ 1.43 ltr/10 sqm over and including base coat of water proofing cement paint applied @ 2.20 kg/10 sqm).				
27		Forming groove of uniform size from 12x12 mm and upto 25x15 mm in plastered surface as per approved pattern using wooden battens, nailed to the under layer including removal of wooden battens, repairs to the edges of plaster panel and finishing the groove complete as per specifications and direction of the Engineer-in-Charge.				
28		Providing and fixing at all heights and depths between beam, coloumn and foundation <b>50 MM thick DURABOARD HD-100</b> conforming to BIS 1838 Part 3 including cost and conveyance of all materials, cutting and placing to the required size, labour charges, sundries, wastage etc. at all levels complete as per drawings and as direction and satisfaction of Engineer-in-charge. DURABoard HD 100 will become one side of the shuttering while the <b>expansion joint is being created.</b>				
		<b>Total</b>				
		<b>Rate per R.Mt</b>				
		<b>Note:-</b>				
	<b>1)</b>	<b>Rate inclusive of GST</b>				
	<b>2)</b>	<b>Carriage cost not included in the estimate as per instruction of DAV CMC, Delhi</b>				

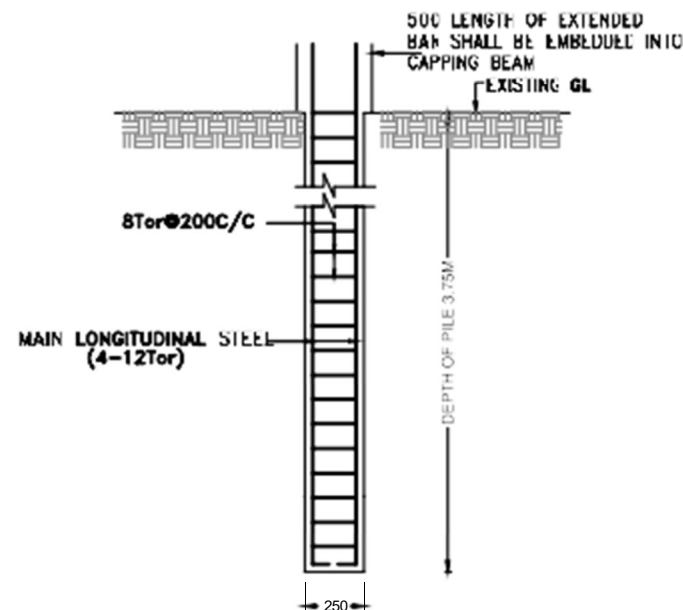
# 122 M BOUNDARY WALL DETAIL



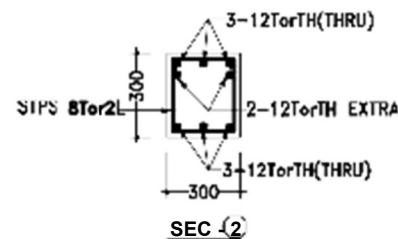
DETAILS OF CAPPING BEAM (300X300) SEC-01



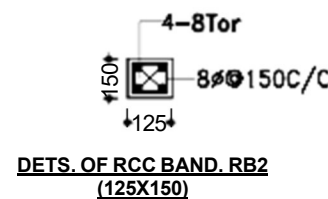
DETAILS OF STIFFENER MKD. S1 (250X250)



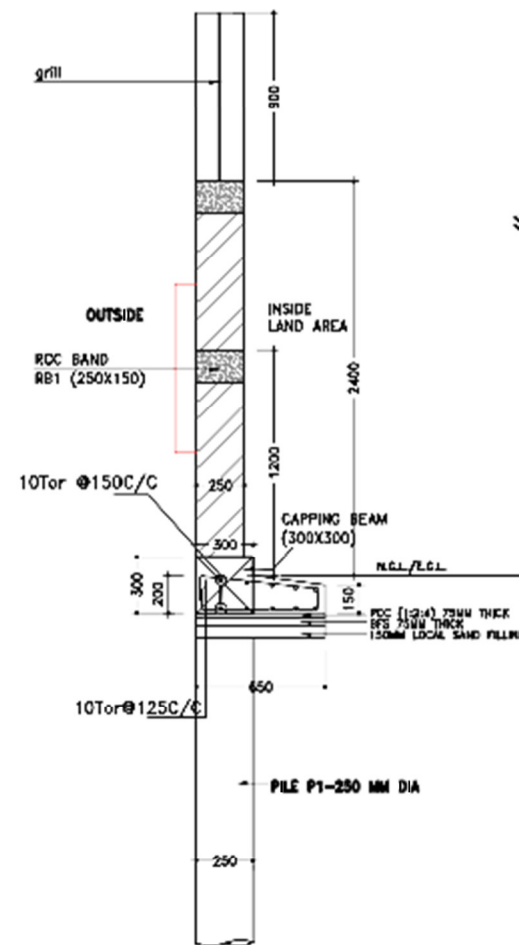
TYPICAL DETAILS OF PILES PLAN.



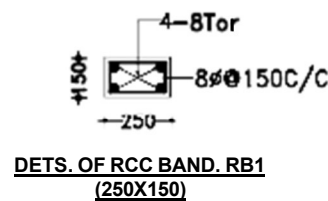
DETAILS OF CAPPING BEAM (300X300) SEC-02



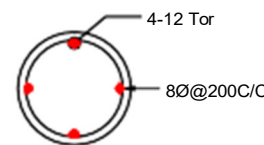
DETAILS OF RCC BAND. RB2 (125X150)



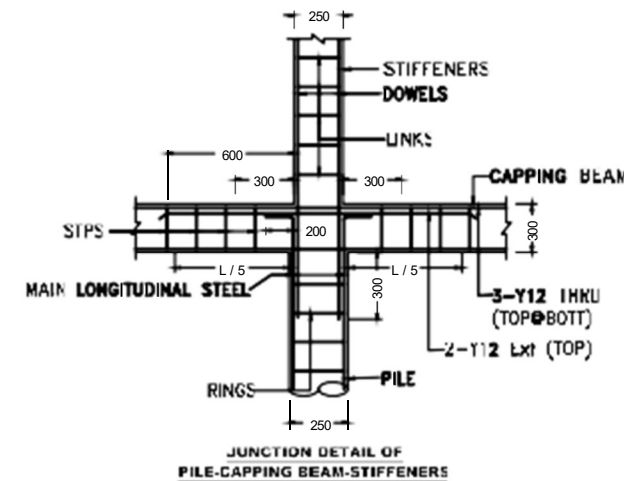
SECTION - 3 (SECTION THROUGH 250TH B/W)



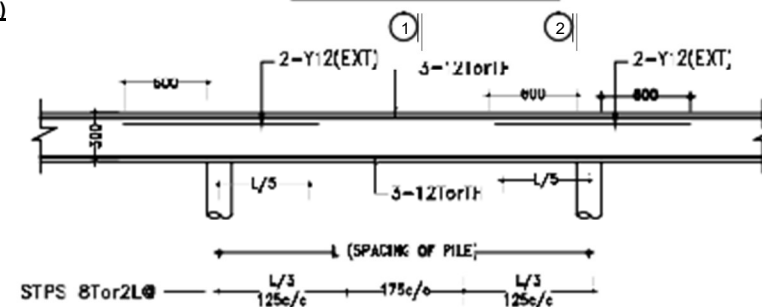
DETAILS OF RCC BAND. RB1 (250X150)



DETAILS OF PILE (250MM DIA)



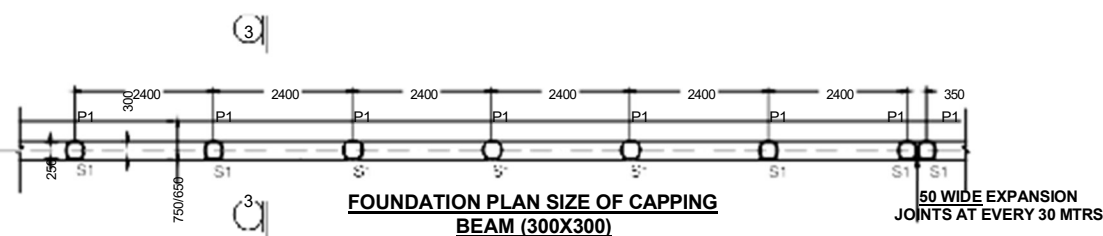
JUNCTION DETAIL OF PILE-CAPPING BEAM-STIFFENERS



DETAILS OF CAPPING BEAM (300X300) (300X400)

## SCHEDULE OF PILES

PILE MKD	DIA OF PILE	DEPTH OF PILE	MAIN LONG. STEEL	RINGS	CAPACITY
P1	250	3.75M	4-12Tor	8Tor@200C/C	5.5T



FOUNDATION PLAN SIZE OF CAPPING BEAM (300X300)

## GENERAL NOTES:-

- ALL DIMENSIONS ARE IN FEET AND INCHES & LEVELS IN METER UNLESS OTHERWISE SPECIFIED
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE RELEVANT ARCHITECTURAL DRAWINGS.
- DISCREPANCY FOUND, IF ANY, SHALL BE BROUGHT TO THE KNOWLEDGE OF ARCHITECT IMMEDIATELY BEFORE EXECUTION.
- CONC. GRADE CONFIRMING TO IS:456-2000, SHALL BE USED FOR ALL RCC COLUMNS AND BEAMS AS PER THE CONCRETE CHART (TABLE 1) TO BE USED FOR ALL FOUNDATION WORKS AND ABOVE.
- CONC. GRADE M7.5 CONFORMING TO IS:456-2000, SHALL BE USED FOR ALL PCC WORKS.
- REINF. STEEL SHALL BE T.M.T. BARS CONFORMING TO IS 1786-1985 WITH MINIMUM YIELD STRENGTH OF 500 N/mm<sup>2</sup> (GRADE Fe 500D) WITH MINIMUM ELONGATION OF 14.5 %
- CLEAR COVER TO ALL REINFORCEMENT, INCLUDING LINKS/TIES SHALL BE ADOPTED AS GIVEN BELOW FOR ALL R.C.C WORK:-  
I) FOUNDATION = 50 MM  
II) SLABS = 20 MM  
III) BEAMS = 30 MM  
IV) COLUMNS = 40 MM  
V) RCC PILES = 40 MM
- LAP LENGTH 'L<sub>d</sub>' OF 500 SHOULD BE ADOPTED WHERE Ø IS BAR DIA.

## LEGENDS:

Y - SHOWS THE TMT/TOR BAR  
T.O.B. - TOP OF BEAM  
F.F.L. - FINISH FLOOR LEVEL  
F.G.L. - FINISH GROUND LEVEL

## CONSTRUCTION NOTES:-

- AGGREGATES SHALL BE OF GRADE 10, 20, 40, 80, 150, 300, 600, 1200, 2400, 4800, 9600, 19200, 38400, 76800, 153600, 307200, 614400, 1228800, 2457600, 4915200, 9830400, 19660800, 39321600, 78643200, 157286400, 314572800, 629145600, 1258291200, 2516582400, 5033164800, 10066329600, 20132659200, 40265318400, 80530636800, 161061273600, 322122547200, 644245094400, 1288490188800, 2576980377600, 5153960755200, 10307921510400, 20615843020800, 41231686041600, 82463372083200, 164926744166400, 329853488332800, 659706976665600, 1319413953331200, 2638827906662400, 5277655813324800, 10555311626649600, 21110623253299200, 42221246506598400, 84442493013196800, 168884986026393600, 337769972052787200, 675539944105574400, 1351079888211148800, 2702159776422297600, 5404319552844595200, 10808639105689190400, 21617278211378380800, 43234556422756761600, 86469112845513523200, 172938225691027046400, 345876451382054092800, 691752902764108185600, 1383505805528216371200, 2767011611056432742400, 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