

D.A.V PUBLIC SCHOOL, B.S.E.B. COLONY, NEW PUNAICHAK, PATNA – 23

TENDER NOTICE

Tender No. 02/ 2024-2025

Date:- 09.05.2024

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

- | | |
|--|---|
| 1. Name of work | : 1 Construction of Main Gate (2 Nos.)
: 2 Roof treatment work of terrace roof of Block No-2
D.A.V. Public School BSEB Colony New Punaichak Patna -23 |
| 2. Description of Construction | : Detail of work enclosed. |
| 3. Time of Completion | : Within 06 Months from the date of agreement. |
| 4. Date of Tender Notification | : 09/05/2024. |
| 5. Last Date/Time for
Receipt of Bids | 15/05/2024. |
| 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.
Principal's Mob. No. 8540059393 |

FOLLOWING POINTS NEED ATTENTION

1. Only the quality materials (Branded Company) and standard workmanship will be acceptable.
2. The 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 fulfill 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 and painting 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 goods up to finishing of the construction. No amendment will be expected in the approved rate.
9. The description of the construction details can be had from the office of either Manager/Regional officer, DAV Public Schools, Bihar Zone, Arya Samaj Mandir, Bailey Road, Danapur, Patna or from Principal, DAV Public School, BSEB Colony, New Punaichak, Patna-800023.
10. The payment will be made to the contractor through A/c payee cheque as per the agreement and duly approval by the architect.
11. Quotations which do not comply with the above conditions are liable to be rejected.
12. The site and proposed map is open for inspection before bidding for all interested persons.
13. 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.
14. Management of wastage will be responsibility of selected firm and the expenses incurred over it will be borne by the selected firm.
15. All disputes subject to Patna Jurisdiction only.

MEMBER OF BUILDING SUB-COMMITTEE

01	Mr. Awadhesh Kumar Jha	Sr. PGT
02	Dr. Mithilesh Kumar Singh	Sr. PGT
03	Mr. Raj Kumar Tiwari	Sr. PGT
04	Mrs. NishaPankaj	Sr. TGT
05	Mrs. Madhulika Jha	Sr. TGT
06	Mr. Balram Kumar Singh	PGT
07	Mr. Binod kumar	Caretaker Peon



Mr. A.C. Jha

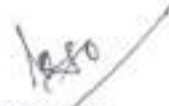
Principal

Principal

D.A.V Public School

E.S.E.R. Colony, New Panasilah, Patna-23

Registration No. 390050; School Code-0504



Mr. S.K. Jha

Regional Officer-cum-Manger

Manager

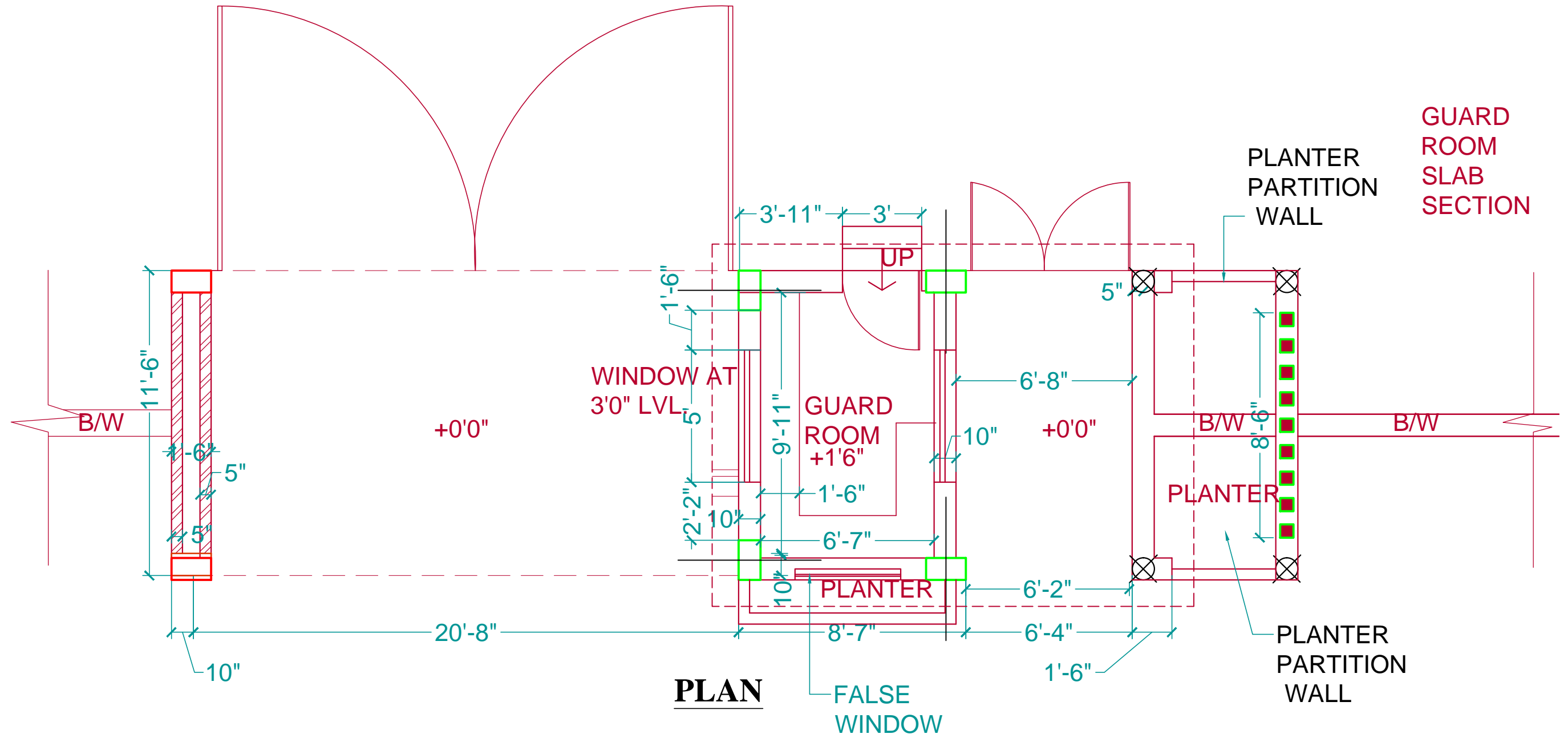
D. A. V. Public School

E.S.E.R. Colony, New Panasilah, Patna-23

Reg. No. 390050; School Code-0504



<p>PROJECT,</p> <p>DAV PUBLIC SCHOOL</p> <p>AT -BSEB,PATNA</p>	<p>SHEET TITLE:-</p> <p>PLAN</p>		<p>100 - B, Patliputra colony, Opp. P & M Mall, Near Notre Dame Academy, Patna 800013 Tel / Fax: 2267175 / 2275624 E: contact@kapoors.biz . Web: WWW.Kapoors.Biz</p> <p>k&a</p> <p>Kapoor and associates ARCHITECTURE INTERIOR DESIGN URBAN DESIGN</p>
	<p>DATE :-02-02-2024</p>		



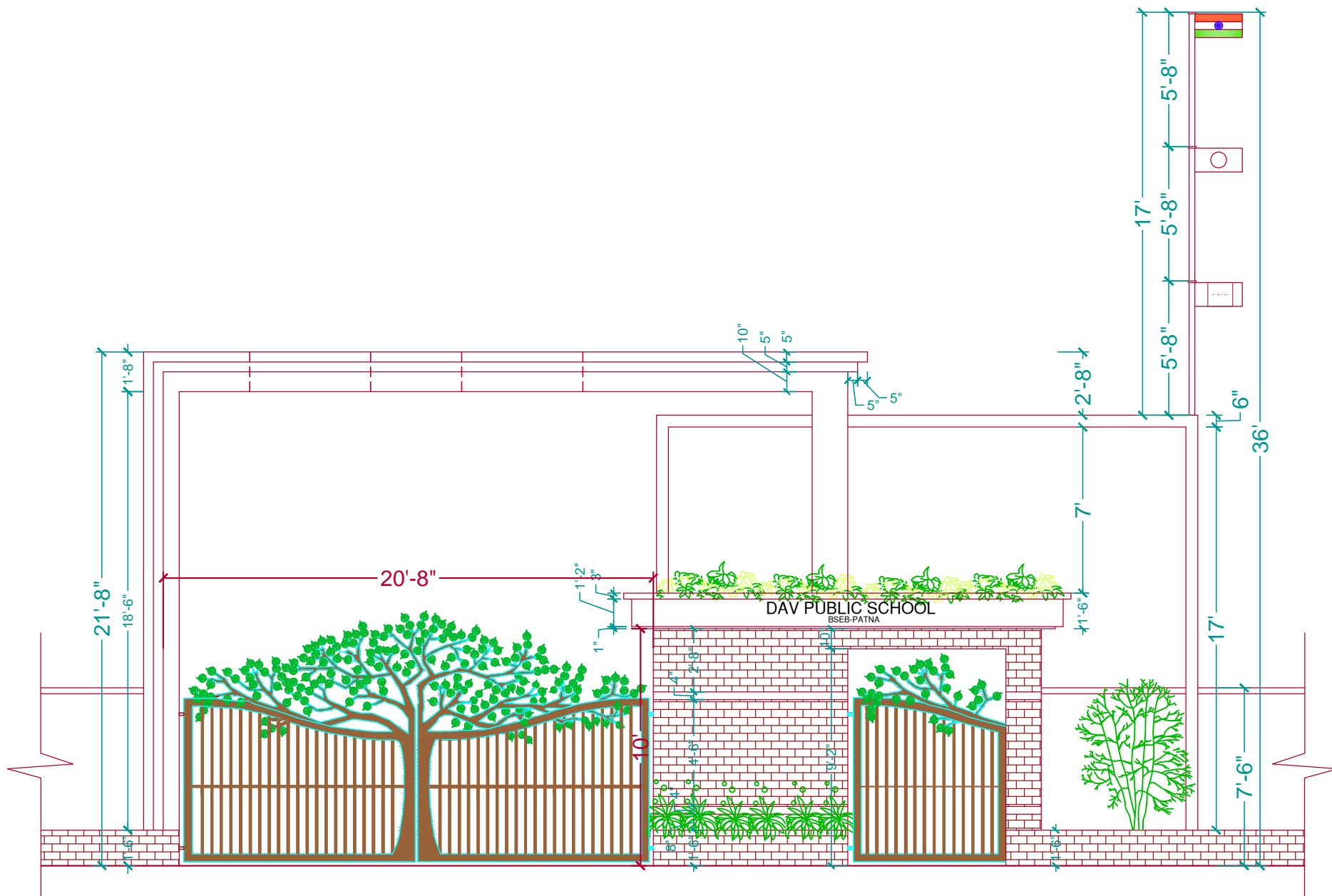
PLAN

PROJECT,
DAV PUBLIC SCHOOL
AT -BSEB,PATNA

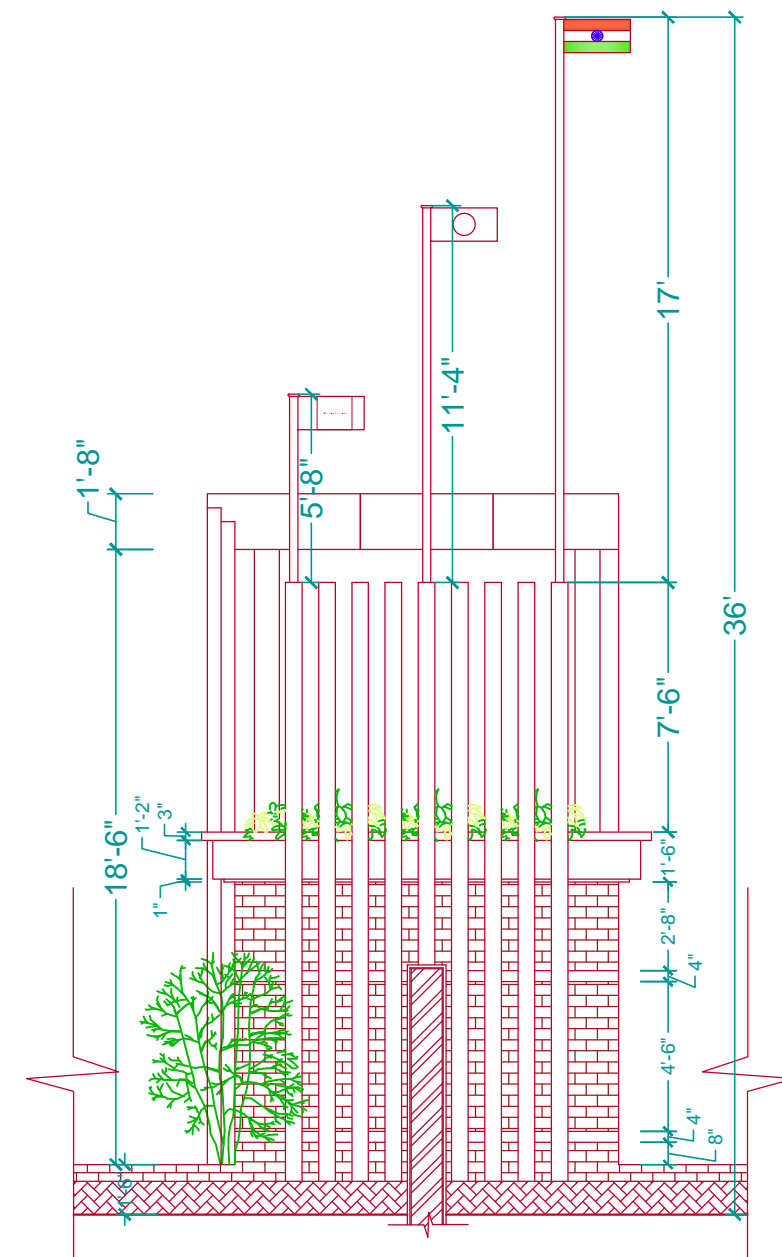
SHEET TITLE:-
PLAN
DATE :-02-02-2024

100 - B, Patliputra colony, Opp. P & M Mall,
 Near Notre Dame Academy, Patna 800013
 Tel / Fax: 2267175 / 2275624
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k&a
 Kapoor and associates
 ARCHITECTURE | INTERIOR DESIGN | URBAN DESIGN



FRONT ELEVATION



SIDE ELEVATION

PROJECT,
DAV PUBLIC SCHOOL
AT -BSEB,PATNA

SHEET TITLE:-
ELEVATIONS

DATE :-02-02-2024

100 - B, Patliputra colony, Opp. P & M Mall,
 Near Notre Dame Academy, Patna 800013
 Tel / Fax: 2267175 / 2275624
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k&a

Kapoor and associates
 ARCHITECTURE | INTERIOR DESIGN | URBAN DESIGN

REF:DAV/02035/2024				
ABSTRACT OF COST FOR GATE				
FOR D.A.V PUBLIC SCHOOL, BSEB COLONY, PUNAICHAK, PATNA				
CONSULTANTS: KAPOOR AND ASSOCIATES				
FOR FINANCIAL APPROVAL ONLY				
BASED ON S.O.R. B.C.D.GOV. OF BIHAR EFFECTIVE FROM 01/01/2022/MR				
SL.NO	ITEM NO.	DESCRIPTION	UNIT	Qty.
1		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.	100sqm	0.60
2		Boring, providing and installing bored cast-in-situ reinforced cement concrete piles of grade M-25 of specified diameter and length below the pile cap, to carry a safe working load not less than specified, excluding the cost of steel reinforcement but including the cost of boring, with bentonite solution and temporary casing of appropriate length for setting out and removal of same and the length of the pile to be embedded in the pile cap etc. all complete, including removal of excavated earth with all lifts and leads (Length of pile for payment shall be measured upto bottom of pile cap).		
		250 mm dia piles	metre	80.75
3		Extra over item No. 20.2 for providing additional bulb in under reamed piles, under specified dia meter (Only the quantity of extra bulbs are to be paid).		
		250 mm dia piles	each	30.00
4		Vertical load testing of piles in accordance with IS 2911 (Part IV) including installation of loading platform and preparation of pile head or construction of test cap and dismantling of test cap after test etc. complete as per specification & the direction of Engineer in-charge.		
		Single pile upto 50 tonne capacity		
		Initial test	each	0.00
		Routine test	each	0.00
5		Earth work in excavation over areas (exceeding 30 cm in depth. 1.5 m in width as well es 10 sqm on plan) including disposal of excavated earth , lead upto 50 m and lift upto 1.5 m; disposed earth to be levelled and neatly dressed.		
		All kinds of soil	Cum	28.92
6		Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited laver by ramming and watering lead.	Cum	18.538

SL.NO	ITEM NO.	DESCRIPTION	UNIT	Qty.
7		Disposal of excavated excess ordinary rock/earth away from the site including conveyance of materials up to an average lead of 5KM away from the site, and corresponding required lift, loading, unloading etc complete as directed by the Engineer-in-charge. (The quantity is net quantity of capacity of truck after deduction of 20% for looseness)(considering the maximum disposal location at 5 KM distance)		
		Earth By mechanical transport including loading, unloading and stacking. (Lead upto 3KM away from the site)	Cum	10.380
8		Supplying and Filling in plinth with local sand and under floors including watering, ramming consolidating and dressing complete.	cum	3.475
9		Diluting and injecting chemical emulsion for POST CONSTRUCTIONAL anti termites treatment (including the cost of chemical emulsion)		
		Along the external wall below concrete or masonry apron using chemical emulsion @ 2.55 litres per linear metre including drilling and plugging holes etc.		
		With chlorpyrifos E.C. 20% with 1% concentration	metre	19.20
		Treatment of soil under existing floors using chemical emulsion @ one litre per hole, 300 mm apart including drilling and plugging 12 mm diameter holes with cement mortar 1:2 (1 cement: 2 coarse sand) to match the existing floor.		
		With Chlorpyrifos EC 20% with 1% concentration	sqm	10.39
10		Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering-All work up to plinth level:		
		1:2:4(1 Cement:2 coarse sand: 4 graded stone aggregate 20mm nominal size)	cum	3.47
11		Centering and shuttering including strutting, propping etc. and removal of form work for:		
		Foundations, footings, bases for columns	Sqm	10.20
12		Providing and laying damp-proof course 50mm thick with cement concrete 1:2:4(1 cement: 2 coarse sand: 4 graded stone aggregate 20mm nominal size).	Sqm	9.60
13		Extra for providing and mixing water proofing material in cement concrete work in the proportion recommended by the manufacturers.	per 50 kg cement	3.07
14		Providing and laying in position machine batched, machine mixed and machine vibrated design mix cement concrete of specified grade for reinforced cement concrete structural elements, excluding the cost of centring, shuttering finishing and reinforcement, M-20 grade reinforced cement concrete		
14a		All work up to plinth level	cum	5.49
		All works above plinth level upto floor V level		
14b		Walls columns, pillars, posts and struts	cum	5.35
14c		Beams, plinth beams, girders, bressumers, cantilevers, Suspended floors lintels roofs and staircases including spiral staircases, shelves etc.	cum	17.28
15		Add or deduct for providing richer or leaner mixes respectively at all floor levels.		
		Providing M-30 grade concrete by using 350kg /m3 of Cement per cum of concrete instead of M-25 grade B.M.C./RMC	cum	0.00
16		Add for using extra cement in the items of design mix over and above the specified cement content therein.	quintal	25.664

SL.NO	ITEM NO.	DESCRIPTION	UNIT	Qty.
17		Centering and shuttering including strutting, propping etc. and removal of form for:		
		Foundations, footings, bases of columns, etc. for mass concrete.	Sqm	10.20
		Suspended floors, roofs, landings, balconies and access platform.	sqm	73.45
		Shelves (Cast in situ)	sqm	3.37
		Lintels, beams, plinth beams, girders, bressumers and cantilevers.	sqm	89.16
		Columns, Pillars, Piers, Abutments, Posts and Struts.	sqm	101.00
		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.	sqm	4.82
		Edges of slabs and breaks in floors and walls.		
		Under 20cm wide	Metre	67.03
18		Extra for additional height in centring, shuttering where ever required with adequate bracing, propping etc. including cost of de-shuttering and de centring at all levels over a height of 3.5 m ,for every additional height of 1 metre or part thereof (Plan area to be measured)		
		Suspended floors, roots, laning, beams and balconies (Plan area to be measured)	sqm	117.23
19		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	Kg	1517.85
		Thermo-Mechanically Treated bars TMTC-500-10mm dia	Kg	1170.91
		Thermo-Mechanically Treated bars TMTC-500-12mm dia	Kg	867.34
		Thermo-Mechanically Treated bars TMTFe-500-16mm dia	Kg	650.51
		Thermo-Mechanically Treated bars TMT Fe-500-20mm dia	Kg	43.37
		Thermo-Mechanically Treated bars TMT Fe-500-25mm dia	Kg	86.73
		Thermo-Mechanically Treated bars TMT Fe-500-28mm dia.	Kg	0.00
20		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)	cum	10.24
21		Extra tor Brick work in superstructure above plinth level upto floor V cum	cum	10.24
22		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)	sqm	36.09
23		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)	sqm	36.09
24		Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately).		
		Sal wood	Cum	0.04

SL.NO	ITEM NO.	DESCRIPTION	UNIT	Qty.
25		Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) non-decorative type, core of block board construction with frame of 1 st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters:		
		35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws.	sqm	1.89
26		Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embeddings in cement concrete block 30x10x15 cm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	each	6.00
27		Extra for providing lipping with 2nd class teak wood battens 25 mm minimum depth on all edges of shutters (overall area of door shutter to be measured)	sqm	1.89
28		Providing and fixing M.S grills of required pattern in frames of windows etc. with M.S flats, square or round bars etc. including priming coat with approved steel primer all complete.		
		Fixed to openings / wooden frames with rawl plugs screws etc.	Kg	80.64
29		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 paid for separately) :		
		For fixed portion		
		Powder coated aluminium (minimum thickness of powder coating 50 micron)	Kg	30.24
30		For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately)		
		Powder coated aluminium (minimum thickness of powder coating 50 micron)	Kg	15.12
31		Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC/neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge. (Cost of aluminium snap beading shall be paid in basic item):		
		With glass panes of 5.50 mm thickness (weight not less than 13.75 kg/sqm)	Sqm	5.04

SL.NO	ITEM NO.	DESCRIPTION	UNIT	Qty.
32		Filling the gap in between aluminium frame & adjacent RCC/ Brick/Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete. Upto 5mm depth and 5 mm width.	metre	15.60
33		Providing and fixing aluminium tower bolts ISI Marked anodised (anodic coating not less than grade AC 10 as per IS:1868) transparent or dyed to required colour or shade with necessary screws etc. complete:		
		300x10mm	Each	2.00
		150x10mm	Each	12.00
34		Providing and fixing aluminium handles anodised ISI Marked (anodic coating not less than grade AC 10 as per IS:1868) transparent or dyed to required colour or shade with necessary screws etc. complete:		
		125mm	Each	2.00
		100mm	Each	12.00
35		Providing and fixing aluminium hanging floor door stopper ISI Marked anodised (anodic coating not less than grade AC 10 as per IS:1868) transparent or dyed to required colour and shade with necessary screws etc. complete.		
		Twin rubber stopper	Each	1.00
36		Providing and fixing bright finished 100 mm mortice lock with 6 levers without pair of handles of approved quality for aluminium door, with necessary screws etc complete as per direction of Engineerincharge.	Each	1.00
37		Providing and fixing circular/hexagonal cast iron or M.S sheet box for ceiling fan clamp 140 mm internal dia, 73 mm height, 5 mm thick rim bottom and top lids, 1.5 mm thick M.S sheet with its top surface hacked for proper bonding top lid shall be screwed into the cast iron box by means of 3.3 mm dia round headed screws, one lock at the corners. Clamps shall be made of 12 mm dia M.S. bar bent to shape as per standard drawing.	Each	1.00
38		Steel work welded in built up sections/framed work including cutting hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel, etc. as required.		
		In stringers, treads landings etc. of stair cases including use of required plates wherever required all complete.	Kg	75.00
		In gratings, frames, guard bar, ladders, railings, brackets, gates & similar works.	Kg	663.60
39		Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations, of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels.		
		Granite of any colour and shade		
		Area of slab over 0.50 sqm	sqm	2.53

SL.NO	ITEM NO.	DESCRIPTION	UNIT	Qty.
40		Extra for fixing marble/granite stone over and above corresponding basic ite, in facia and drops of width upto 150 mm with epoxy resin based (Araldite or equivalent) adhesive including cleaning etc. complete.	m	5.13
41		Extra for pre finished nosing in treads of steps of Kota stone / sand stone slab.	rmt.	0.90
42		Extra for Kota stone / sand stone in treads of steps and risers using single up to 1.05 metre.length	sqm	0.47
43		Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete . Base with 1:1:1 (1 lime : 1 surkhi: 1 coarse sand) / 1:4 (1 cement: 4 coarse sand)		
		20 to 25 mm thick -	sqm	0.47
44		Kota stone slabs 20 mm thick in risers of steps skirting. Dado & pillars laid on 12 mm (average (thick cement mortar 1:3 (1 cement: 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete. Details of cost for 10 sqm	sqm	0.50
45		Providing and laying vitrified floor tiles in different sizes {thickness to be specified by the manufactruer) with water absorption's less than 0.08 % and conforming to IS : 15622 of approved make in all colours and shades, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) including grouting the joint with white cement and matching pigments etc., complete.		
		Size of Tile 60x60 cm	sqm	5.93
46		Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), including grouting the joint with white cement & matching pigments etc. complete		
		Size of Tile 60x60 cm	sqm	0.91
47		Providing and laying C.C. pavement of mix M-25 with ready mixed concrete from batching plant. The ready mixed concrete shall be laid and finished with screed board vibrator , vacuum dewatering process and finally finished by floating, brooming with wire brush etc. complete as per specifications and directions of Engineer-incharge. (The panel shuttering work shall be paid for separately). (Note:- Cement content considered in this item is @ 330 kg/cum. Excess/less cement used as per design mix is payable/ recoverable separately).	cum	2.87
48		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 direction of E/I.	sqm	34.75
49		12mm cement plaster of mix: 1:6(1 cement: 6 coarse sand)	sqm	10.52
50		15 mm cement plaster on rough side of single or half brick wall of mix. 1:6(1 cement: 6 coarse sand)	sqm	10.52
51		20mm cement plaster of mix: 1: 4(1 cement: 4 coarse sand)	sqm	276.76
52		6mm cement plaster to ceiling of mix:		

SL.NO	ITEM NO.	DESCRIPTION	UNIT	Qty.
		1:4(1 cement: 4 coarse sand)	sqm	61.32
53		Extra for providing and mixing water proofing material in proportion recommended by the manufacturers:		
		20 mm cement plaster 1:4(1 cement: 4 sand)	sqm	276.76
54		Extra for plastering exterior walls of height more than 10m form ground level for every additional height of 3 m or part there of		
		10m To 13m	sqm	0.00
55		Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade .		
		New work (two or more coats) over and including priming coat with cement primer	sqm	61.32
56		Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade:		
		Two or more coats on new work	sqm	21.05
57		Providing and applying white cement based putty of average thickness 2 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	sqm	359.13
58		Applying one coat of cement primer of approved brand and manufacture on wall surface:		
		Distemper primer	sqm	21.05
59		Finishing walls with water proofing cement paint of approved brand and manufacture and of required shade to give an even shade		
		New work (three or more coats)	sqm	0.00
60		Finishing walls with textured exterior paint of required shade :		
		New work (Two or more coats applied @ 3.28 ltr/ 10 sqm) over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm	sqm	276.76
61		Applying priming coat:		
		With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood)	sqm	3.19
62		Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade:		
		Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture	sqm	77.65
63		Providing and laying APP (Atactic Polypropylene Polymer) modified prefabricated five layer 3 mm thick water proofing membrane, black finished reinforced with non-woven polyester matt consisting of a coat of bitumen primer for bitumen membrane @ 0.40 litre/ sqm by the same membrane manufacture of density at 25°C, 0.87-0.89 kg/ litre and viscosity 70-160 cps. Over the primer coat the layer of membrane shall be laid using Butane Torch and sealing all joints etc., and preparing the surface complete. The vital physical and chemical parameters of the membrane shall be as under : Joint strength in longitudinal and transverse direction at 23°C as 650/450N/5 cm. Tear strength in longitudinal and transverse direction as 300/250N. Softening point of membrane not less than 150°C. Cold flexibility shall be upto -2°C when tested in accordance with ASTM, D - 5147. The laying of membrane shall be got done through the authorised applicator of the manufacturer of membrane.		

