

SCHEDULE - A

Name of work: Construction of Additional Six Classrooms over the Existing First floor for Self Finance Course Students in Sri Parasakthi College for Women @ Courtrallam in Tenkasi District.

Estimate amount : Rs.94,00,000.00 Probable value of contract: Rs.78,51,993 .00 (EXCLUDING GST)
EMD:Rs.57000.00

Date of Tender : 13.05.2022

NO.OF.CALL.THIRD

Sl. No	Item no	Qty	Description of Work	Unit	Rate in	
					Figures	Words
1		6.00 m3 (Six Cubic meter)	Dismantling the RCC including clearing away from site etc complete. (SI.NO: 35)	1m ³ (One Cubic Meter)		

Contractor

No.of corrections:No.of over writings:

Secretary

Sl. No	Item no	Qty	Description of Work	Unit	Rate in	
					Figures	Words
2		23.00 m2 (Twenty three Square meter)	Removing the AC Sheet roof including stacking at site for reuse etc complete.(SI.NO:25)	1m ² (One square metre)		
3		458.00 m2 (Four hundred and fifty Eight Square meter)	Dismantling the Weathering course and including clearing away from site etc complete. (SI.NO:38)	1m ² (One square metre)		

Sl. No	Item no	Qty	Description of Work	Unit	Rate in	
					Figures	Words
4		6.00 m3 (Six Cubic meter)	Earthwork excavation for foundation in OS & HS and soils and to full depth as may be directed except in hard rock requiring blasting inclusive of shoring shuttering, bailing our water wherever necessary refilling the foundation with excavated earth other than sandy soil in layers of not more than 150mm thick layers well rammed and depositing the surplus earth with in compound in place shown by the departmental officers initial lead and fit and clearing and leveling the site etc complete	1m ³ (One Cubic Meter)		

Sl. No	Item no	Qty	Description of Work	Unit	Rate in	
					Figures	Words
5		2.00 m3 (Two Cubic meter)	Cement concrete 1:5:10 (one cement, five sand and ten aggregate) using 40mm gauge hand broken granite stone jelly for foundation and basement including dewatering if found necessary and laid of not more than 15cm thick and compacted. etc. complete complying with standard specification	1m ³ (One Cubic Meter)		
6			Supplying and erecting, centering for sides and soffits including supports and strutting upto 3.29m height for plane surfaces as detailed below in all floors with all cross bracings using mild steel sheet of 90cm x60cm BG 10 guage stiffened with welded M.S. angle of 25 x 25 x 3mm boarding laid over silver oak joists of size 10cm x 6.50 cm spaced at about 90 cm centre to centre and supported by casurina props of 10 cm to 13 cm dia spaced at 75 cm centre to centre or at suitable intervals etc. c (The payment for centering shall be made only after the concrete is laid. The retrieved materials should be taken back by the contractor) for Plane surfaces such as RCC floor slab, roof slab, rectangular square Tee or Ell beam, lintels, bed blocks staircase, waist slab, landing slab, landing beams, portico beams, portico slab, etc. complete.			

Contractor

No.of corrections:No.of over writings:

Secretary

Sl. No	Item no	Qty	Description of Work	Unit	Rate in	
					Figures	Words
a		945.00 m2 (Nine hundred and forty five Square meter)	Slab, Beam, Lintel etc	1m ² (One square metre)		
b		345.00 m2 (Three hundred and forty five Square meter)	Square (or) Rectangular Column and Sunshade	1m ² (One square metre)		

Contractor

No.of corrections:No.of over writings:

Secretary

Sl. No	Item no	Qty	Description of Work	Unit	Rate in	
					Figures	Words
7			Reinforced Cement Concrete M 20 GRADE using 20 mm and below graded gauge hard broken granite stone jelly for all RCC items of works excluding cost of reinforcement grill and fabricating charges, centering and shuttering but including laying, vibrating with mechanical vibrator, finishing, curing, etc.and providing fixtures like fan clamps in the RCC floor / roof slabs wherever necessary and bearing surfaces of walls, beams sides and bottom of slabs etc. Should be finished smooth with Cement Mortar 1:3 (One Cement and Three Sand) and kraft paper laid over it without claiming extra, etc., complete complying with standard specification			
a		7.00 m3 (Seven Cubic meter)	First floor	1m ³ (One Cubic Meter)		
b		134.00 m3 (One Hundred and thirty four Cubic meter)	Second floor	1m ³ (One Cubic Meter)		

Sl. No	Item no	Qty	Description of Work	Unit	Rate in	
					Figures	Words
c		11.00 m ³ (Eleven Cubic meter)	Third floor	1m ³ (One Cubic Meter)		
8		153.60qtl (One Hundred and fifty three Point six Zero Quintol)	Supplying, fabricating and placing in position M.S. or R.T.S. reinforcement grill for RCC works as per the design given including cost of steel and black binding wire etc., complete complying with standard specification. (The contractor will have to make his own arrangements for the supply of M.S. plain rods / RTS rods and black binding wire)	1 qtl(One quintol)		

Contractor

No.of corrections:No.of over writings:

Secretary

Sl. No	Item no	Qty	Description of Work	Unit	Rate in	
					Figures	Words
9			Brick work in cement mortar 1:6(one cement and six sand) using IInd class chamber burnt bricks size 9"×4 3/8×2 3/4" etc complete			
a		8.00 m3 (Eight Cubic meter)	First floor	1m ³ (One Cubic Meter)		
b		143.00 m3 (One Hundred and fourty three Cubic meter)	Second floor	1m ³ (One Cubic Meter)		
c		11.00 m3 (Eleven Cubic meter)	Third floor	1m ³ (One Cubic Meter)		

Sl. No	Item no	Qty	Description of Work	Unit	Rate in	
					Figures	Words
10		4715.00 KGS (Four Thousand Seven Hundred and Fifteen Kilograms)	Supplying and fixing MS Grills for Gates and Windows including cost and conveyance of all materials and fixing in position including priming coat etc complete with std specifications.	1KG (One KILOGRAM)		
11		440.00 m2 (Four hundred and Fourty Square meter)	Providing GRANOLITHIC FLOOR finish of 25 mm thickness with Plain Cement Concrete 1:2:4 [OneCement,TwoCrushedStoneSandandFourAggregate] using 10to12mm gauge hard broken stone jelly including laying, finishing and the top rubbed smooth with power trawl ,thread lining, curing etc.,complete complying with standard specification and as directed by the departmental officers.[The rate is inclusive of necessary planking for panelling wherever necessary and as directed by the departmental officers	1m ² (One square metre)		

Sl. No	Item no	Qty	Description of Work	Unit	Rate in	
					Figures	Words
12		8.00 m2 (Eight Square meter)	Supplying and fixing of RCC Jally with 50mm thick exclusive of reinforcement but inclusive of mould charges,fixing in position etc	1m ² (One square metre)		

Contractor

No.of corrections:No.of over writings:

Secretary

Sl. No	Item no	Qty	Description of Work	Unit	Rate in	
					Figures	Words
13		54.30 m2 (Fifty four Point three Zero Square meter)	Supplying and fixing the aluminium natural colour matt finish with openable type window with extruded aluminium sections of the outer frame 38 x 33 x 21 x 2.4mm, shutter section / top and bottom 38.50 x 33 x 24.50 x 3 and 4mm, interlocking vertical section 59 x 33 x 25 x 2.5m with necessary accessories such as rubber beedings, best quality of lock, handle and fixing 4mm thick plain / frosted / pinheaded glass 'L' angles glazing chips - Three Leaves Necessary rubber beading should be provided around the glass panels. The aluminium sections are to be in accordance with IS 1886/1961. Necessary locking arrangements and handles should be provided as per the direction of the departmental officers. The rate includes the cost of transportation and fixing in position with necessary power drill to the extent required and made good to the original condition etc. complete complying with standard specifications. All materials should be got approved from the Executive Engineer before fixing in position.	1m ² (One square metre)		

Sl. No	Item no	Qty	Description of Work	Unit	Rate in	
					Figures	Words
14		20.20 m2 (Twenty Point two Zero Square meter)	Supplying and fixing of MDF door shutters made of dense homogeneous medium density fiber board WWR Grade EGSB and PL meeting minium product technology specification of medium density fiber board manufactured from agro based lingo cell logic fibers using ISI certified desin as per IS 848 1991 WR type. The board is of 30mm thick teak wood lipping of size 40 X 12mm is nailed to all the open edges of the board to prevent leakage of air and water. The door is provided with aluminium handles aldrops two tower bolts a door stopper and wind appliance etc., complete. . The cost include cost of a 1 materials labour charges transportation fixingg etc., complete.	1m ² (One square metre)		

Sl. No	Item no	Qty	Description of Work	Unit	Rate in	
					Figures	Words
15		134.00 m2 (One Hundred and thirty four Square meter)	Supplying and fixing over the hard base with cement based Hydraulic pressed pre polished Anti-Skid tiles 30cm x 30cm x 20mm thick (Like Eurocon) of any colour with cement mortar 1:3 (One cement and three sand) 20mm thick and pointed with same colour cement added with colour pigments at 0.4 kg/m2 including cutting, wastages finishing and curing as directed by the departmental officers etc complete complying with standard specificaions.	1m2(One square metre)		

Sl. No	Item no	Qty	Description of Work	Unit	Rate in	
					Figures	Words
16		39.40 m3 (Thirty Nine Point Four Zero Cubic meter)	Weathering course concrete using best quality broken brick jelly of size 20mm uniform gauge in pure slaked lime, the proportion of brick jelly to lime being 32 to 12 ½ (No sand to be added) by volume and laid over the RCC roof slab in a single layer and consolidated to the finished thickness by beating the concrete with wooden beaters of approved pattern keeping the surface constantly wet by sprinkling lime jaggery water etc. complete complying with standard specification.	1m ³ (One Cubic Meter)		
17		491.00 m2 (Four hundred and Ninety One Square meter)	Finishing the top of roof with one course of approved first quality of new Machine Pressed tiles of size 200mm x 200mm x 20mm thick of approved quality laid in C.M. 1:3 (one cement and three sand) 12mm thick mixed with water proofing compound conforming to Indian standard as approved by the departmental officers at 2% by weight of cement used and the joints pointed neatly to full depth of tiles with the same mortar mixed with water proof compound and red oxide etc. complete complying with standard specification.	1m ² (One square metre)		

Sl. No	Item no	Qty	Description of Work	Unit	Rate in	
					Figures	Words
18		42.00 RM (Fourty Two Running meter)	Fabricating, supplying and fixing in position pressed steel C.R.C.A. box type door frame as per I.S. 4351 / 1976 of size 105 x 60 mm with 35 mm size rebate with 1.25 mm thick 18 gauge sheet. The frame joints properly welded and grinded providing stiffeners with 25 x 3 mm M.S flat around the frame at 60 cm intervals providing 3 Nos. of M.S clamps with 25 x 3 mm flats on either side of door frame and providing with necessary holes for tower bolts with stiffeners on inner side and fixing wooden blocks for fixing furniture and fittings. Including fixing the door frames in position and the door frame should be given one coat of red oxide primer, dismantling the masonry and concrete wherever found necessary and redoing the same to original condition after fixing, scaffolding charges and labour charges etc., complete complying with standard specification.	1 RM(One Running Meter)		

Sl. No	Item no	Qty	Description of Work	Unit	Rate in	
					Figures	Words
19		1290.00 m ² (One Thousand two hundred and Ninety Square meter)	Special ceiling plastering and finishing the exposed surface of RCC items of work such as slabs, beams, sunshades, facia, canopy slab, staircase waist slab, landing slab etc. with cement mortar 1:3 (One cement and three sand) 10 mm thick including hacking the surfaces and providing cement mortar nosing, beading for sunshades, staircases, steps, landing slabs and finishing, curing, etc., complete in all floors complying with standard specification and as directed by the departmental officers	1m ² (One square metre)		
20		1825.00 m ² (One Thousand Eight hundred and twenty five Square meter)	Plastering with Cement Mortar 1:5 (One cement and Five sand), 12 mm thick in all floors including curing etc. complete complying with standard specification and as directed by the departmental officers.	1m ² (One square metre)		

Sl. No	Item no	Qty	Description of Work	Unit	Rate in	
					Figures	Words
21		1550.00 m2 (One Thousand Five hundred and fifty Square meter)	Painting two coats using oil Bound Distember with Primer coat including cost and conveyance of all materials and labour charges etc complete.	1m ² (One square metre)		
22		660.00 m2 (Six hundred and sixty Square meter)	Painting two coats with approved quality of water based exterior emulsion paint including one coat of priming coat in cement plastered wall surfaces in all floor including cost of all materials brushess, etc., scaffolding charges etc., complete complying with standard specification and as directed by the departmental officers.	1m ² (One square metre)		

Sl. No	Item no	Qty	Description of Work	Unit	Rate in	
					Figures	Words
23		183.00 m2 (One hundred and Eighty three Square meter)	Painting two coats over new Iron work with best approved quality synthetic enamel paint including a priming coat with ready mixed primer of approved quality including cost of primer etc complete in all floors. The rate shall include cost of all materials, taxes, brushes, scaffolding charges and labour charges for painting etc. complete complying with standard specification. [The make and colour of paint to be used should be got approved by the departmental officers before use on works]	1m ² (One square metre)		
24		20.00 m2 (Twenty Square meter)	Supplying and fixing Country wood glass writing board of following span and as per drawing. outer frames of the board and stiffners are made of 100x50mm,' 100x18mm respectively and intermediate panels having 5.50mm thick frosted glass painted.The rate shall include cost of all materials, taxes, brushes, scaffolding charges and labour charges for painting etc. complete complying with standard specification. [The make and colour of paint to be used should be got approved by the departmental officers before use on works]	1m ² (One square metre)		

Sl. No	Item no	Qty	Description of Work	Unit	Rate in	
					Figures	Words
25		142.00 RM (One Hundred and Fourty Two Running meter)	Supplying and fixing in position best approved of ISI quality of PVC rain water down fall pipes having a pressure of 4 Kg./sq.cm including cost of necessary PVC shoe, PVC bend, gratings of required diameter and special clamps, brass screws, nails, etc. and fixing of cast iron gratings at junction of parapet and the RCC roof slab including finishing neatly etc. complete. The rate shall be inclusive of cast of removable iron grating. The PVC pipe shall be fixed in wall with special type of clamps. Special type of "U" clamp at the centre of the pipe line shall be fixed in addition to those for more than 3.0 M pipe length complying with standard specification. 110mm dia PVC rain water down fall pipes.	1 RM(One Running Meter)		

Sl. No	Item no	Qty	Description of Work	Unit	Rate in	
					Figures	Words
26		71.00 Nos (Seventy One Numbers)	Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with PVC accessoires in flush with wall with 3mm thick hylum sheet cover with TW switch box and 5A FT switch and making good of the concealed portion with suitable colour for PVC concealed light / fan Point (for electronic regulator) (5 points per coil)	1No(One Number)		
27		45.00 Nos (Fourty five Numbers)	Supply and fixing of single box type 4'40W fluorescent fitting complete with copper choke and condensor with TW round blocks on wall or ceiling with flu tube with PVC unsheathed copper leads from terminals to the fitting	1No(One Number)		

Sl. No	Item no	Qty	Description of Work	Unit	Rate in	
					Figures	Words
28		3.00 Nos (Three Numbers)	Wiring with 3 x 1.5 sq.mm. (22 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with PVC accessories in flush with wall with 3mm thick hylem sheet covered TW switch box and 5A FT switch (two way) and making good of the concealed portion with suitable colour for concealed staircase light point	1No(One Number)		
29		15.00 Nos (Fifteen Numbers)	Supply and fixing of 5A 3 pin and 2 pin combined flush type wall socket with 5A flush type switch concealed in suitable MS box in flush with wall and concealed with 3mm thick hylem sheet	1No(One Number)		
29 a		100.00 RM (One Hundred Running Metres)	Supply and run of 2 of 1.5 sq.mm. (22 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in suitable gauge MS conduit pipe on wall and ceiling with continuous earth wire connection of 14 SWG TC wire with painting of suitable colour	1 RM(One Running Meter)		

Sl. No	Item no	Qty	Description of Work	Unit	Rate in	
					Figures	Words
30		24.00 Nos (Twenty Four Numbers)	Supply and fixing of 1200mm (48") AC ceiling fan complete with stepped electronic 300W regulator with 300mm down rod on the existing clamp and cross arm of size 450mm (18")	1No(One Number)		
31		2.00 Nos (Two Numbers)	Supply and fixing of 8 way single pole and neutral MCB sheet steel enclosure distribution board of double door type with metal door with IP43 protection with 1 No. 32A DP MCB as incoming and 6 Nos. 6A to 32A SPMCB outgoing in flush with wall and making good of the concealed portion with earth connection only. The MCB DB and MCB's should be with ISI mark (like standard make)	1No(One Number)		
32		60.00 RM (Sixty Running Metres)	Supply and run of 2 of 4 sq.mm. (56 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with continuous earth wire connection of 14 SWG TC wire and making good of the concealed portion with suitable colour	1 RM(One Running Meter)		

Sl. No	Item no	Qty	Description of Work	Unit	Rate in	
					Figures	Words
33		5.00 Nos (Five Numbers)	Supply and fixing of LED 30 WATTS twin street light fluorescent fitting complete with copper choke and condensor with 32mm dia GI pipe (Class 'B') with 1 No. 32mm GI bend complete on the existing post wall with 16A aerial fuse unit on MS plate with PVC unsheathed copper leads MS clamps and aluminium painting with fluorescent tubes	1 RM(One Running Meter)		
34		1.00 Nos (One Numbers)	Earthing as per PWD standard with an earth electrode of 2 metre Class 'B' GI pipe of dia not less than 32mm complete with necessary masonry work	1No(One Number)		
35		50.00 RM (Fifty Running Metres)	Supply and run of 1 of No.8 SWG GI wire for earth connection	1 RM(One Running Meter)		

Sl. No	Item no	Qty	Description of Work	Unit	Rate in	
					Figures	Words

Contractor

No.of corrections:No.of over writings:

Secretary