

SCHEDULE

NAME OF THE WORK : Construction of a Multipurpose Gymnasium for Sports Training Facilities in The M.D.T.Hindu College, Pettai, Tirunelveli in Tirunelveli District.

S.No	Quantity	Description of Work	TNBP No.	Rate	Per	Amount in Rs.
1	560.00	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 out 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		87.00	m3	48720.00
2	352.00	Refilling the basement with conveyed earth with a lead of 5km MR in layers of not more than 15cm thick well watered rammed and consolidated etc. complete complying with standard specification.		250.00	m3	88000.00
3	263.00	Supplying and filling sand for foundation and basement with filling sand in layers of not more than 15cm thick etc complete complying with std specification and as directed by the departmental officers		1010.00	m3	265630.00

S.No	Quantity	Description of Work	TNBP No.	Rate	Per	Amount in Rs.
4	145.00	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		2915.00	m3	422675.00
5		Providing form work for Centering and erecting steel centering including necessary supports for plane surfaces in foundation and basement for reinforced cement concrete works such as column footing plinth beam grade beam staircase step, bed block etc., which require only normal strutting using MS Sheet of size 90cmx60cm BG 10 gauge of stiffened and welded with mild steel angles of size 90cmx60cm BG 10 gauge of stiffened and welded with mild steel angles of size 25mmx25mmx3mm for boarding laid over silver oak joists of size 10cmx6.50cm spaced at about 90cm centre to centre and supported by the casurina props of 10cm to 13cm dia spaced at 75cm centre to centre at suitable intervals etc., complete complying with std specification (The Payment for centering shall be made only after the concrete is laid)				
	430.00	Coloumn Footing, Plinth Beam		420.00	m2	180600.00
	420.00	Slab beam Lintel staircase		480.00	m2	201600.00

S.No	Quantity	Description of Work	TNBP No.	Rate	Per	Amount in Rs.
	625.00	For square or coloumn boxing top and bottom slab, sill slabs,sunshades		590.00	m2	368750.00
6		Brick work in cement mortar 1:5 (one cement and five sand) using IInd class chamber burnt bricks size 9"×4 3/8×2¾" etc complete				
	67.00	a) Foundation & Basement		4300.00	m3	288100.00
	68.00	b) In ground floor		4340.00	m3	295120.00
	68.00	c) First floor		4310.00	m3	293080.00
	68.00	d) Second Floor		4490.00	m3	305320.00
	16.60	e) Third Floor		4580.00	m3	76028.00
7		Reinforced cement concrete 1:1.5:3 (One cement, one and half sand and three course aggregate) using 20mm gauge had broken granite stone for all RCC items of works excluding centering shuttering and cost of reinforcement including curing etc complete and also including fixing fan clamps and fixtures in RCC works wherever necessary as directed by department officer etc complete.				
	155.00	a) For foundation and basement		5750.00	m3	891250.00
	33.00	b) Ground floor column		5800.00	m3	191400.00
	23.00	c) First floor		5900.00	m3	135700.00
	23.00	d).Second floor		6000.00	m3	138000.00
	15.00	e) Third Floor		6100.00	m3	91500.00

S.No	Quantity	Description of Work	TNBP No.	Rate	Per	Amount in Rs.
8	31.25	Supplying and fabricating and placing in position of MS (or) RTS rods of all RCC item of works including cost of binding wire etc complete complying with standard specification and as directed by the departmental officer.		62000.00	MT	1937500.00
9	2550.00	Plastering with cement mortar 1:5 (one cement and five sand) 12mm thick in all floors using river sand including curing and finishing etc complete complying with standard specification and as directed by the departmental officer		120.00	m2	306000.00
10	1045.00	Special ceiling plastering and finishing the exposed surface of RCC items of work such as slab, beam sunshade, facia, canopy slab, staircase waist slab, landing slab etc. with cement mortar 1:3 e washing 10mm thick including hacking the surfaces and providing cement mortar nosing, beading for sunshade, staircase step landing slab neat and finishing and curing etc, complete complying with standard specification and as directed by the departmental officer		140.00	m2	146300.00

S.No	Quantity	Description of Work	TNBP No.	Rate	Per	Amount in Rs.
11	965.00	White washing two coats to walls and ceiling in all floors with best shell lime using floors including cost of lime fevicol and sodium chloride and other materials like brushes scaffolding charges etc., including preparing the surface, neat finishing etc., complete complying with standard specification and as directed by the departmental officer.		15.00	m2	14475.00
12	1438.00	Painting the plastered surface with cement paint two coats using approved colour and quality cement paint including through scrapping and cleaning the plastered surface and finishing neatly, including brushes, high scaffolding charges etc., complete complying with standard specification and as directed by the departmental officers.		85.00	m2	122230.00
13	2157.00	Distempering the walls and ceiling with best Oilbound distemper of approved quality including of surfaces (the colour and quality) should be got approved by the Executive Engineer including coat of primer		75.00	m2	161775.00

S.No	Quantity	Description of Work	TNBP No.	Rate	Per	Amount in Rs.
14	33.15	<p>Manufacturing supplying and fixing in position steel windows with M.S. sheet with open able shutter frame and shutter frame made out of steel section conforming to IS 7452/1982. The outer frames of windows made of 'Z' section (F70) of size 20×20×3mm confirming to IS 7452/1982. millions are made of (F4B) of section size 46×25×3mm confirming to IS 7452/1982. The shutters are individual and each of them can be operated separately. Sash bars are made of "T" section (T2) of size 25×22×3mm 2Nos of sturdy hinges and one number of handle cum latch of special type are fixed with open able shutter. Suitable opening is left for its easy operation. One number of window adjustable string with firm bracket of sufficient length cover provided for each shutters, 4 Nos. of 40×40×3mm angle hold fast 230mm length are welded to the frame at appropriate point. MS square bars of 12mm size is welded to the inner face of the window at equal intervals not exceeding 10cm spacing, shutter covered with 18 gauge MS sheet welded with 12mm MS flat alround intact in position. Grill members are painted with once coat of primer. Also rate in</p>		3103.31	m2	102875.00

S.No	Quantity	Description of Work	TNBP No.	Rate	Per	Amount in Rs.
15	7.20	<p>Manufacturing , supply and fixing of steel doors with following specification: MS angles of size 40x40x6mm at 3.5kg/m used for the outer frame and MS angle of size 34x34x5mm at 2.60kg/M for the shutter frames. Stiffeners with 32x6mm at 1.50kg/m MS flat is provided as the lock rail of the door and welded infact of both ends to the shutter frame, 18x5mm at 0.70kg/m MS flat is welded over the 32x6mm at 1.50kg/ RM and Ms flat on the rear side of the door sand witching the CR sheet for rigidity with rail and bottom tie arrangements. Additional stiffners with 18x5mm at 0.7kg/m MS flat are provided horizontally diagonally on the rear side of the shutter. 2Nos of hinges is case of single leaf and 4Nos of higes in case double leaf shutter is provided 6Nos of higes in case of single leaf and 4Nos of higes in case double leaf shutter is provided 6Nos of hold fasts 200length 40x40x6mm M.S angle tower bolt 2Nos. One at top and the other at bottom are provided. One aldrop is provided incase of double leaves door at lock rail section in the door. For single leaf doors, one more aldrop is provided in the inner side at the lock rail section of the doo. One rotating locking arrangement at</p>		2973.10	m2	21406.00

S.No	Quantity	Description of Work	TNBP No.	Rate	Per	Amount in Rs.
16	5.76	Manufacturing and fixing of pull and push type Rolling Shutters of required sizes conforming to I.S. 6248 / 1971 with I.S.I.mark made out of 18 Gauge 75 mm wide CRCA lath section with rolling centres of 76 mm and effective bridge depth of 12 mm with out any welded joints interlocked at their ends, clips of 14 G or pinned type complete. The rolling shutter shall have lock plate of 11 gauge reinforced with MS angles of 35 x 35 x 5 mm for the full length of the plate with necessary locking arrangements and handle guide channel 65 mm deep with necessary hold fast for fixing, 49 mm dia roller shaft with C class pipe with GI Pulleys-2 nos., of not less than 18 mm dia., necessary springs 2 nos. of high tensile steel 3 gauge with hood cover made of 20 gauge sheet and painting with a coat of best quality red oxide paint, erecting in place as instructed by the departmental officers complete including dismantling brick masonry or RCC works wherever necessary and making good the same and with ISI monogram.		2430.00	m2	13997.00

S.No	Quantity	Description of Work	TNBP No.	Rate	Per	Amount in Rs.
17	84.00	Plain cement concrete 1:2:4 (One cement, two sand and four course aggregate) using 20mm gauge had broken granite stone for all RCC items of works excluding centering shuttering and cost of reinforcement including curing etc complete and also including fixing fan clamps and fixtures in RCC works wherever necessary as directed by department officer etc complete.		4282.95	m3	359768.00
18	840.00	Providing granolithic flooring finishing in PCC 1:2:4 (one cement two sand and four aggregate) using 10mm to 12mm hard broken granite stone jelly and river sand including rubbing the top surface smoothly, thread lining, if found necessary and curing etc complete complying with standard specification as directed by the departmental officers 25mm dia		171.80	m2	144312.00
19	404.50	Painting the new iron works two coats over new grill works of best synthetic enamel paint of approved quality and colour and brand over one coat of priming cost including clean removal of dirt, preparation of surface, cost of brushes, high scaffolding charges and neat finishing etc.complete complying with standard specification and as directed by the departmental officer		120.00	m2	48540.00

S.No	Quantity	Description of Work	TNBP No.	Rate	Per	Amount in Rs.
20	15.23	Painting new wood works two coats with best synthetic enamel paint of approved quality colour over one coat of primer etc. complete complying with standard specification.		150.00	m2	2285.00
21	995.00	Roofing with best quality of AC sheet corrugated or Trafford sheets grey colour of 6mm including cost of j bolts, bitumen washers and cutting the sheets to the required shapes if found necessary during execution etc., complete.		420.00	m2	417900.00
22	7.00	Manufacturing, supplying fabrication and fixing of MS pipe truss of span 24,00m is made up of 80mm dia 'B' class MS pipe is used as a principal rafter at top and bottom chord the spacing between them is 100cm C/C and 40mm 'B' class MS Pipe is used as a vertical and including member welding in the principal rafter and the spacing between principal rafter and bottom chord is 70cm C/C. The principal rafter pipe and bottom chord pipe is jointed with overlap pipe to a length of 40cm and welding at each joints. The truss is made as two parts because the entire length of truss is made is 25m outer to outer. Each part is jointed is a fixed plate is welding as each end and jointing with 20mm dia bed bolt to length of 60cm length the bolt using 25mm dia nut. The entire truss is made up 1/6 slope gradient to make a gentle slope for easy flow of rain water each truss is		295000.00	Each	2065000.00

S.No	Quantity	Description of Work	TNBP No.	Rate	Per	Amount in Rs.
		<p>connected of purlin over which the 12mm thick ms plates to be provided for jointing the purlins, in the truss, f& jointing the tie runner with truss and also connect each truss. The rate is included for cost and of truss pipes such as ms pipe, 65mm ms pipe, 40mm ms pipe, 12mm thick ms plate, 20mm dia bed bolt & nut and including the labour charges for handling cutting, welding, jointing, Alignment, erecting in position and including hire charges for Derrick and other tools and plants involved to do the work and including the charges for working in heights and including one coat of red oxide primer and also including all incidental charges etc complete. (Based on quotation)</p>				
23		<p>Providing two legged seffolding'using 15cm.Diameter blug - gum posts or Casuarina posts or best quality bamboo posts of 4m overall length (3m height + 0.5m projection + 0.5m, Into the ground) the distance between the two rows being 1.25m, And the spacing of posts being 2m, in both the rows with two horizontal posts with 0.5m, overlap on either side and braces at 2m. C/C including longtitudinal and transeverse middle braces to step up and providing a platform with</p>				

S.No	Quantity	Description of Work	TNBP No.	Rate	Per	Amount in Rs.
	135.00	country wood planks of 40mm. thick and 1m width, etc in a complete from using coir. for outer side area upto 10.26m		650.00	Rm	87750.00
	118.00	for inner side area upto 9.51m		650.00	Rm	76700.00
24	1295.00	Supplying and fixing of MS purlin and tie runner using 65mm dia MS pipe including e6si and conveyance including cost for over tapping pipe length of 30cm including labour charges for handling cutting, welding, jointing, Alignment erecting in position and including hire charges for crane, Derrick and other tools and plants involved to do the work and including the charges for working in heights and including one coat of red oxide primer and also including all incidental charges etc complete.(Based on quotation)		1300.00	Rm	1683500.00
25	90.00	Supplying and fixing of MS wind bracing using 16mm dia MS rod including cost and conveyance and labour charges for cutting, welding, jointing and fixing in position including hire charges for tools and plants and including charges for working in heights and including one coat of red oxide primer and including all incidental charges etc complete.(Based on quotation)		800.00	Rm	72000.00
Total						12065786.00
(Rupees One Crores Twenty Lakhs Sixty Five Thousand Seven Hundred and Eighty Six Only)						

Contractor

Principal

S.No	Quantity	Description of Work	TNBP No.	Rate	Per	Amount in Rs.
------	----------	---------------------	----------	------	-----	---------------