

## MAMALLAPURAM TOWN PANCHYAT

### Tender Schedule- B

**Name of work:-Construction of NULM Special Shelter @ Government Hospital Poonjery in Mamallapuram Town Panchayat.**

Sl. No.	Description of work	No.or Qty.	Unit	RATE In <b>Figures</b>		Remarks
				<b>Figures</b>	<b>Words</b>	
1	Earth work excavation for foundation in all soils and sub soils and to full depth as may be directed except in hard rock requiring blasting but inclusive of shoring, strutting and baling out water wherever necessary and refilling the sides of foundation with excavated earth in layers of 15cm thick well rammed and consolidated & depositing the surplus earth in places shown by departmental officers with an initial lead of 10m and lift of 2m and clearing and levelling the site etc. complete complying with standard specification.	270.00	Cum			(One Cubic Metre)
2	Plain Cement Concrete 1:4:8 (one cement four fine aggregates and eight coarse aggregates) using 40mm size ISS HBG metal including cost and conveyance of all materials to site and including for the mixing, laying and labour charges and all incidental charges such as water providing etc., complete as per standard specification	65.54	Cum			(One Cubic Metre)

<b>3</b>	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 gauge stiffened with welded M.S. angle of 25 x 25 x 3mm for 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 not less than 75 cm centre to centre or at suitable intervals etc. complete in all floors complying with standard specification. (The payment for centering shall be made only after the concrete is laid. The retrieved materials should be taken back by the contractor)					
	For column post	<b>305.10</b>	Sqm			<b>(One square Metre)</b>
	fro Grade Beem	<b>91.39</b>	Sqm			<b>(One square Metre)</b>
	Beem slab ,lintal	<b>703.49</b>	Sqm			<b>(One square Metre)</b>

<b>4</b>	Supplying, fabricating and placing in position M.S. or R.T.S. reinforcements grill for RCC works as per the design given including cost of steel and 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 binding wire)	<b>30600.00</b>	Kg			<b>(One Kilo Gram)</b>
<b>5</b>	ReinforcementCement Concrete 1:1½:3 (One cement, one and half sand and three stone jelly) using 20 mm gauge hard granite broken stone jelly for all reinforced cement concrete works excluding cost of reinforcement grill and fabricating charges, centering and shuttering but including laying, vibrating with mechanical vibrator, finishing, curing, etc. complete as directed by the Departmental Officers.	<b>169.89</b>	Cum			<b>(One Cubic Metre)</b>
<b>6</b>	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 32:12-1/2 by volume and laid over the RCC roof slab in a single layer and consolidated to the required finished thickness by beating the concrete with wooden, beaters of approved pattern keeping the surface constantly wet by sprinkling jaggery and lime water etc. complete complying with standard specification.	<b>35.31</b>	Cum			<b>(One Cubic Metre)</b>

<b>7</b>	Finishing the top of roof with one course of approved first quality Machine Pressed Tiles of size 230mm x 230mm x 20mm thick of approved quality laid in Cement Mortar 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 the water proofing compound and red oxide etc. complete complying with standard specification.	<b>433.30</b>	Sqm			<b>(One square Metre)</b>
<b>8</b>	Brick work in CM 1:5 (one cement & five sand) using II class ground moulded bricks of size 9"X4 3/8"X 2 3/4" including finishing, curing,etc., complete complying with standard specification	<b>105.86</b>	Cum			<b>(One Cubic Metre)</b>
<b>9</b>	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.	<b>1115.27</b>	Sqm			<b>(One square Metre)</b>
<b>10</b>	Plastering with cement mortar 1:3,10 mm ,thick in all floors including cost and conveyance of all materilas to site and labour charges etc,complete as per standard specifications (S.I.306)	<b>467.10</b>	Sqm			<b>(One square Metre)</b>

<b>11</b>	Painting two coats with ready mixed Plastic Emulsion Paint approved quality and colour over a priming coat, including thorough scrapping, clean removal of dirt, etc complete and including necessary plaster of paris, putty, wherever required etc. complete	<b>1582.37</b>	Sqm			<b>(One square Metre)</b>
<b>12</b>	Paving the Floor with Design Antiskirt Ceramic Tiles (Colour and Shad as Directed) of size 305mm X 305mm X 6mm in all Floors over a base layer of cement mortar 1:3 ( one cement and Three sand) 20mm thick laid in -situ and pointing with same coloured cement	<b>433.30</b>	Sqm			<b>(One square Metre)</b>
<b>13</b>	Dadoing walls with glazed tiles of size 305mm X 200mm X6mm size of approved make and quality and colour 1set in cement mortar 1:2 ( one cement two sand) over 10mm base layer plastering and pointing with white cement neatly as directed	<b>25.60</b>	Sqm			<b>(One square Metre)</b>
<b>14</b>	Supplying and fixing M.S. Grills of approved design and as directed by the departmental officers including cost of MS Grills, labour charges and cost of one coat of red oxide primer with labour charges for priming coat etc. complete complying with standard specification.	<b>1500.00</b>	Kg			<b>(One Kilo Gram)</b>

<b>15</b>	Supplying and fixing Wood Door and Window of approved design and as directed by the departmental officers including cost of Wood Door and Window labour charges and cost of one coat of red oxide primer with labour charges for priming coat etc. complete complying with standard specification.	<b>13.30</b>	Sqm			<b>(One square Metre)</b>
<b>16</b>	Supplying and fixing M.S. Grill Door, Window, Ventilator of approved design and as directed by the departmental officers including cost of MS Ventilator, labour charges and cost of one coat of red oxide primer with labour charges for priming coat etc. complete complying with standard specification.	<b>70.00</b>	Kg			<b>(One Kilo Gram)</b>
<b>17</b>	Supply and Fixing of PVC Solid Doors Using 19 gauge 19mm MS Sq. Tube for style and frames, 15mm MS Sq. Tube for top, lock and Bottom rails. The steel Tubes shall be covered with 5mm thick solid PVC sheets. Shutter using 5mm thick solid PVC Sheet for Panelling shall rigidly fixed in position including furniture and fitting. The over all size of stiles shall be 50mm X 30mm. The over all size of top rail, Lock rail and bottom rail shall be 50mm X 45mm with suitable rebate for housing the shutter etc, complete as per standard specification.	<b>9.72</b>	Sqm			<b>(One square Metre)</b>

<b>18</b>	Painting with ready Mixd enamel Paint over the new Wood works of approved quality and colour without priming coat including the cost all materials etc., complete, in all floors.	<b>97.60</b>	Sqm			<b>(One square Metre)</b>
<b>19</b>	Supplying and fixing in position best approved quality and make white glazed earthen ware oriya type Indian water closet of size 580 mm with P or S trap embedding the closet and trap to shape in position with brick jelly lime concrete 1:2:5 (one lime two sand and five brick jelly) using 40 mm broken brick jelly and finishing the top to required slope and including giving connections to the PVC soil stacks using 600mm length of 100mm dia CI pipe by dismantling masonry, RCC roof or floor slabs and making good, the disturbed portion to original condition without and leakage etc. complete as directed by the departmental officers and complying with standard specifications (The water closet P or S trap are to be got approved by the Executive Engineer before use on works)	<b>2.00</b>	Nos			<b>(One Number)</b>

<b>20</b>	Supply and fixing in position White Glazed European Water Closet of best quality and approved make with 100mm 'P' or 'S' trap with double flapped rigid P.V.C. seat cover with C.P. brass hinges with 12.5 litres PVC low level flushing tank with all internal fitting etc.. complete complying with standard specification, labor inclusive of fixing low level flushing tank	<b>2.00</b>	Nos			<b>(One Number)</b>
<b>21</b>	Wiring with 2 x 22/0.3mm PVC insulated multistrand copper conductor cable of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with PVC accessories in flush with wall and covered with hylum sheet of 3mm thick with TW switch box and making good of the concealed portion with suitable colour for PVC concealed light point ( 5 points / coil) (SD23)	<b>6.00</b>	Point			<b>( One Point)</b>
<b>22</b>	Wiring with 2 x 22/0.3mm PVC insulated multistrand copper conductor cable of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with PVC accessories in flush with wall and covered with hylum sheet of 3mm thick with TW switch box to house the fan regulator and control switch and making good of the concealed portion with suitable colour for PVC concealed fan point (5 points / coil) (SD23) (For Electrical Regulator)	<b>16.00</b>	Point			<b>( One Point)</b>



<b>23</b>	Wiring with 2 x 22/0.3mm PVC insulated multistrand copper conductor cable of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with PVC accessories in flush with wall and covered with hylum sheet of 3mm thick with TW switch box of 150mm x 100mm x 113mm for 5A 3 pin nin-interlocking flush type CS plug with continuous earthwire connection of 14 SWG TC wire and making good of the concealed portion with suitable colour for cealed plug point. (SD38)	<b>20.00</b>	Point			<b>( One Point)</b>
<b>24</b>	Supply and fixing of 4'40 W single industrial type flu.fitting complete with copper choke and condenser with conduit pipe suspension from the ceiling with PVC unsheathed Copper leads from the terminals to the fitting with flu.tube. (SD89)	<b>12.00</b>	Set			<b>( One Set)</b>
<b>25</b>	Supply and fixing of 1200mm sweep AC ceiling fan complete with stepped electronic regulator with 300mm down rod on other existing clamp.(SD 106)	<b>16.00</b>	Nos			<b>( One Number)</b>
<b>26</b>	Supply and Fixing of Steel Cubboard including cost of materials and labour charges etc.. Complete	<b>70.00</b>	Sqm			<b>(One square Metre)</b>
<b>27</b>	Supply and Delivery of Steel Single cots Bed, Cotton bed, billow,Bedsheet including cost of materials and labour charges etc.. Complete	<b>70.00</b>	Nos			<b>(One Number)</b>

