Schedule of Quantity

Name of work: Construction of Office Building, Development of Site (C&E) and Boundary Wall for Income Tax Department including Internal Water Supply and Sanitary Installation, IEI, Fans, Fittings, Lifts, Fire-Fighting and Sub-Station equipment at Krishnanagar, Nadia, West Bengal. SH: Misc. civil works like providing and fixing vertical & horizontal blinds, grill works etc.

SL No.	Description	Quantiy	Unit	Rate	Amount	DSR'23 Ref
	SCHEDULE ITEM					
1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :					4. 1
1.1	1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	4.00	cum	6812.00	₹ 27,248.00	4.1.8
2	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:					6.1
2.1	Cement mortar 1:4 (1 cement : 4 coarse sand)	2.00	cum	7370.65	₹ 14,741.30	6.1.1
3	Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	23.00	sqm	1267.95	₹ 29,162.85	8.31
4	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.					10.25
4.1	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	707.00	kg	172.60	₹ 122,028.20	10.25.2
5	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes.					12.41
5.1	110 mm diameter	6.00	metre	377.40	₹ 2,264.40	12.41.2
5.2	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS :5382, leaving 10 mm gap for thermal expansion.					12.42
5.2.1	Bend 87.5°					12.42.5
5.2.1.1	110 mm bend	4.00	each	150.35	₹ 601.40	12.42.5.2
6	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :					13.61
6.1	Two or more coats on new work	25	sqm	155.90	₹ 3,897.50	13.61.1
7	Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50 mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge.					16.91
7.1	60 mm thick cement concrete paver block of M-35 grade with approved colour, design & pattern.	50.00	sqm	1045.65	₹ 52,282.50	16.91.1
8.00	Providing and fixing hard drawn steel wire fabric of size 75 x25 mm mesh or other suitable size wire mesh to be fixed & firmly anchored to the concrete surface by means of “L” shaped mild steel shear key welded with existing reinforcement including the cost of materials, labour, tool & plants as approved by Engineer-in-charge.	10.00	Sqm	902.55	₹ 9,025.50	26.40
	TOTAL =				**₹ 261,251.65**	
	Modified Estimated Cost after using Correction facto on DSR-2023 on account of GST @ 0.973 as per O.M. Issued by DG , CPWD vide No.-158/SE/(TAS)/GST/2024/02- Dated: 08/08/2024				₹ 254,198.00	

SL No.	Description	Quantiy	Unit	Rate	Amount	DSR'23 Ref
	Add enhancement for Cost Index @ 18% On DSR-2023 Item(As approved Cost Index of Krishnanagar is 118 on DPAR-2023(Base-100) as on 01/04/2024 Vide letter No.- 34(1)/SDG (Kol)/Cost Index /2024/1316 (H) Dated : 01/04/2025				₹ 45,756.00	
	TOTAL AMOUNT OF DSR ITEMS=				**₹ 299,954.00**	
	NON-SCHEDULE ITEM					
9.0	Providing and Installation of roller blind (straight line fabric)has a thickness of 0.58mm, comprises of Vinyl-coated fiberglass fabric laminated with a two-ply 100% pvc blackout film and a mesh weight of 671 g/m; openess factor is opaque ; Acoustic Value -NRC .05/SAA .03.It comes with a TRACKLESS technology which minimises the fibreglass yarns inherent tendencies to track when being rolled up in shade. With Trackless Technology these same fabrics now track less, roll up straighter and reduce share fabrication time. It comes with 10 years warranty . Fire classification : NFPA 701-2004 TM # 1 (small scale) ,NFPA 01 (CLASS A),IBC SECTION 903.1(CLASS A RATING),BS 5867 2008 . Bacteria and Fungal Resistance : Microban antibacterial additives and meets the standards of ASTM E 2180,ASTM G21,AATCC30 PART 3,ASTM D 3273, GREENGUARD MOLD amd Bacteria Standard ASTM 6329 , includes Microban antimicrobial additives; Lead free factor-RoHS/ Directive 2002 / 95/EC ,CONSUMER Product Safety Commision Section 101, ANSI/WCMA A100.1-2007 for lead content , and REACH (EC 1907/2006) Compliant; Acoustical Performance : NRC (Noise Reduction Coefficient) and SAA (sound absorbtion average) tested in accordance with ASTM C423-09a. Certified to GREENGUARD AND GREENGUARD Gold Standards for low chemical emissions into indoor air during product usage . Roll-Up Shades , panel tracks and Screens. PULLEY SYSTEM : Reducing gear pulley 1:3 for better/ easy lifting .	35.00	sqm	3211.00	₹ 112,385.00	**MR** 01/NIT/ADG(RK)/CPWD/2022-23 Item No. 19.3
10.00	Providing and fixing 100mm vertical blinds 1.20mm to 1.30mm wall thickness headrail 20mm to 25mm high x 40mm to 50mm wide extruded high strength aluminium alloy section which is anodised for smooth and corrosion resistance high . It has a end controll unit which has a asprocket fixed with it which is driven by the tilter chain,made of 4.5mm plastic beads moulded on 2.20mm.Thick Polyester cord which rotates the lovers by 180 degree. For the tiltilng operation to be smooth end, end control unit has a tilt rod fixed to it which is of 5.80mm to 6.00mm average diameter and made up of extruded aluminium with 3 key ways to acheive tortional deflection. Runners made up of moulded plastic having anti- friction additive which has gear and warm mechanism to control the vertical lovers movement. Proper spacing of runner is made up of moulded Derlin / stainless steel having anti friction additive.Louvers to be kept straight and prevented from swaying by bottom mechanism where the bottom weight is made up of powder coated galvanised steel sheet 1.7mm thick for maximum corrosion resistance and bottom chain made up of 2mm diameter plastic beads moulded on polyester cord available depending upon the width of the louvers. fabrics 100% polyster, water replent and dust guard, FABRICS WEIGHT 300 GSM	248.00	sqm	2141.00	₹ 530,968.00	**MR** 01/NIT/ADG(RK)/CPWD/2022-23 Item No. 19.4
	TOTAL =				**₹ 943,307.00**	

Executive Engineer
BCD-II, CPWD, Barasat