

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
1	15.00	Cutting and removing Palmyrah trees including stacking of girth 30 to 100 cm including up-rooting and removing Palmyrah stumps including stacking of girth 100 to 200 cm including all labour charges	Cutting and removing Palmyrah trees	Cutting and removing Palmyrah trees	As directed By Engineer In Charge	110.00	ONE	1650
2	9874.00	Earth work excavation for foundations (Mechanical Means) for buildings in ordinary soils and depositing on bank for all lifts and with an initial lead of 10m and up to 3m depth including all operational, incidental, labour charges such as shoring, sheeting, planking, strutting etc., and overheads & contractors profit complete for finished item of work excluding dewatering charges etc., as per SS 20 B(APSS 308).	Earth work excavation for foundations (Mechanical Means)	Earth work excavation for foundations (Mechanical Means)	308	132.00	ONE CUM	1303368
3	11.00	Earth work excavation for foundations (Mechanical Means) for buildings in ordinary soils and depositing on bank for all lifts and with an initial lead of 10m and 3m to 6m depth including all operational, incidental, labour charges such as shoring, sheeting, planking, strutting etc., and overheads & contractors profit complete for finished item of work excluding dewatering charges etc., as per SS 20 B(APSS 308)	Cutting and removing Palmyrah trees	Earth work excavation for foundations (Mechanical Means) f	308	151.00	ONE CUM	1661
4	575.00	Earth work excavation for foundations (Mechanical Means) for buildings in ordinary rock (not requiring blasting) and depositing on bank for all lifts and with an initial lead of 10m and up to 3m depth including all operational, incidental, labour charges such as shoring, sheeting, planking, strutting etc., and overheads & contractors profit complete for finished item of work excluding dewatering charges etc., as per SS 20 B(APSS 308)	Earth work excavation for foundations (Mechanical Means) for buildings in ordinary rock (not requiring blasting)	Earth work excavation for foundations (Mechanical Means) for buildings in ordinary rock (not requiring blasting)	308	166.00	ONE CUM	95450
5	575.00	Earth work excavation for foundations for buildings in hard rock (blasting prohibited) and depositing on bank for all lifts and with an initial lead of 10m and up to 3m depth including all operational, incidental, labour charges such as shoring, sheeting, planking, strutting etc., and overheads & contractors profit complete for finished item of work excluding dewatering charges etc., as per SS 20 B(APSS 308)	Earth work excavation for foundations for buildings in hard rock (blasting prohibited)	Earth work excavation for foundations for buildings in hard rock (blasting prohibited)	308	2588.00	ONE CUM	1488100
6	189.00	Earth work excavation for foundations (Manual Means) of buildings, septic tank, sump, compound wall in ordinary soils and depositing on bank with an initial lead of 10m and depth up to 3m including all operational, incidental, labour charges such as shoring, sheeting, planking, strutting etc., and overheads & contractors profit complete for finished item of work excluding dewatering charges etc., as per SS 20 B(APSS 308)	Earth work excavation for foundations (Manual Means) of buildings, septic tank, sump, compound wall	Earth work excavation for foundations (Manual Means) of buildings, septic tank, sump, compound wall	308	301.00	ONE CUM	56889
7	46.00	Earth work excavation for foundations (Manual Means) of buildings, septic tank, sump, compound wall in ordinary soils and depositing on bank with an initial lead of 10m and 1m additional lift charges over the initial depth up to 3m including all operational, incidental, labour charges such as shoring, sheeting, planking, strutting etc., and overheads & contractors profit complete for finished item of work excluding dewatering charges etc., as per SS 20 B(APSS 308)	Earth work excavation for foundations (Manual Means) of buildings, septic tank, sump, compound wall in ordinary soils	Earth work excavation for foundations (Manual Means) of buildings, septic tank, sump, compound wall in ordinary soils	308	318.00	ONE CUM	14628
8	96.00	Drilling holes of 25 mm dia and 800mm deep in hard rock or sheet rock with pneumatic compressor and placing of 20mm dia Tor steel bars excluding cost of steel and its fabrication charges but including cost and conveyance of all materials and labour charges etc.,and overheads & contractors profit complete for finished item of work	Drilling holes of 25 mm dia and 800mm deep in hard rock	Drilling holes of 25 mm dia and 800mm deep in hard rock	As directed By Engineer In Charge	180.00	ONE RMT	17280
9	96.00	Grouting the holes with neat cement slurry in CM(1:2) prop. excluding cost of steel but including cost and conveyance of all materials and labour charges etc.,and overheads & contractors profit complete for finished item of work	Grouting the holes with neat cement slurry	Grouting the holes with neat cement slurry	As directed By Engineer In Charge	132.00	ONE RMT	12672
10	90.00	Plain Cement Concrete M 20 design mix using Concrete Batching Plant, 20mm size hard granite machine crushed graded metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry, using a minimum quantity of 330 kgs. of cement per 1 cum of concrete including cost and conveyance of all materials like cement, fine aggregate (Sand), coarse aggregate, water etc., to site including steel centering, shuttering, machine mixing, lift charges, laying concrete, vibrating, curing, overheads & contractors profit etc., complete for finished item of work (APSS No. 402 & 403) for foundations on sheet rock.	Plain Cement Concrete M 20 design mix for foundations on sheet rock.	Plain Cement Concrete M 20 design mix for foundations on sheet rock.	402 & 403	7700.00	ONE CUM	693000
11	140.40	Plain Cement Concrete (1:4:8) (cement: fine aggregate: Coarse aggregate) for foundations using coarse aggregate 40mm size hard, machine crushed granite from approved quarry including cost and conveyance of all materials like cement, sand, coarse aggregate, water etc. to site, including sales & other taxes on all materials and including all charges for machine mixing, laying concrete in foundations and under flooring bed, ramming in 15 cm layers finishing top surface to the required level curing etc., and overheads & contractors profit complete for finished item of work. (APSS No. 402)	Plain Cement Concrete (1:4:8)	Plain Cement Concrete (1:4:8)	402	5595.00	ONE CUM	785538

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
12	316.00	Plain Cement Concrete (1:5:10) (cement: fine aggregate: Coarse aggregate) under flooring bed using coarse aggregate 40mm size hard , machine crushed granite from approved quarry including cost and conveyance of all materials like cement, sand, coarse aggregate, water etc. to site, sales & other taxes on all materials and including all charges for machine mixing, laying concrete in foundations and under flooring bed, ramming in 15 cm layers finishing top surface to the required level curing etc.,and overheads & contractors profit complete for finished item of work. (APSS No. 402)	Plain Cement Concrete (1:5:10)	Plain Cement Concrete (1:5:10)	402	5393.00	ONE CUM	1704188
13	796.00	Filling with useful available excavated earth by manual means (excluding rock) in trenches, sides of foundations and basement with initial lead in layers not exceeding 15 cm thick, consolidating each deposited layer by watering and ramming including cost and conveyance of water to work site and all operational, incidental, labour charges, hire charges of T & P etc., and overheads & contractors profit complete for finished item of work. (APSS NO. 309 & 310)	Filling with useful available excavated earth by manual means (excluding rock) in trenches, sides of foundations	Filling with useful available excavated earth by manual means (excluding rock) in trenches, sides of foundations	309 & 310	244.00	ONE CUM	194224
14	90.00	Vibrated Plain Cement Concrete (1:3:6) nominal mix using 40mm size machine crushed hard granite metal and 20mm graded machine crushed hard granite metal (coarse aggregate) in (2:1) ratio from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand), coarse aggregate, water etc. to site, sales & other taxes except GST on all materials, all charges for mixing, laying concrete in position, vibrating, curing, centering charges, overheads & contractors profit etc.,for finished item of work for footings and basement.	Vibrated Plain Cement Concrete (1:3:6) nominal mix	Vibrated Plain Cement Concrete (1:3:6) nominal mix	As directed By Engineer In Charge	7092.00	ONE CUM	638280
15	39.17	Supply and placing of the VRCC Design Mix Concrete M 20 grade corresponding to IS 456 with minimum cement content of 320 kgs per 1 cum of concrete OPC 53 grade using batching and mixing plant of 15 cum per hour capacity with 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials , centering using Steel scaffolding pipes , jack props , wallers , Foot plates , brackets , steel centering plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, laying concrete, curing etc., and overheads & contractors profit complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Footings :	Supply and placing of the Design Mix Concrete M 20 grade For Footings	Supply and placing of the Design Mix Concrete M 20 grade For Footings	402	12111.00	ONE CUM	474388
16	7.40	Supply and placing of the VRCC Design Mix Concrete M 20 grade corresponding to IS 456 with minimum cement content of 320 kgs per 1 cum of concrete OPC 53 grade using batching and mixing plant of 15 cum per hour capacity with 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials , centering using Steel scaffolding pipes , jack props , wallers , Foot plates , brackets , steel centering plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, laying concrete, curing etc., and overheads & contractors profit complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Column Pedestals :	Supply and placing of the Design Mix Concrete M 20 grade For Column Pedestals	Supply and placing of the Design Mix Concrete M 20 grade For Column Pedestals	402	12875.00	ONE CUM	95275
17	14.80	Supply and placing of the VRCC Design Mix Concrete M 20 grade corresponding to IS 456 with minimum cement content of 320 kgs per 1 cum of concrete OPC 53 grade using batching and mixing plant of 15 cum per hour capacity with 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials , centering using Steel scaffolding pipes , jack props , wallers , Foot plates , brackets , steel centering plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, laying concrete, curing etc., and overheads & contractors profit complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Plinth Beams :	Supply and placing of the Design Mix Concrete M 20 grade For Plinth Beams	Supply and placing of the Design Mix Concrete M 20 grade For Plinth Beams	402	15227.00	ONE CUM	225360

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
18	952.00	Supply and placing of the VRCC Design Mix Concrete M 25 grade corresponding to IS 456 with minimum cement content of 360 kgs per 1 cum of concrete of OPC 53 grade using batching and mixing plant of 15 cum per hour capacity with 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials , centering using Steel scaffolding pipes , jack props , wallers , Foot plates , brackets , steel centering plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, laying concrete, curing etc., and overheads & contractors profit complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Footings :	Supply and placing of the Design Mix Concrete M 25 grade for Footings	Supply and placing of the Design Mix Concrete M 25 grade for Footings	402	12415.00	ONE CUM	11819080
19	38.00	Supply and placing of the VRCC Design Mix Concrete M 25 grade corresponding to IS 456 with minimum cement content of 360 kgs per 1 cum of concrete of OPC 53 grade using batching and mixing plant of 15 cum per hour capacity with 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials , centering using Steel scaffolding pipes , jack props , wallers , Foot plates , brackets , steel centering plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, laying concrete, curing etc., and overheads & contractors profit complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Column Pedestals :	Supply and placing of the Design Mix Concrete M 25 grade for Column Pedestals	Supply and placing of the Design Mix Concrete M 25 grade for Column Pedestals	402	13179.00	ONE CUM	500802
20	97.00	Supply and placing of the VRCC Design Mix Concrete M 25 grade corresponding to IS 456 with minimum cement content of 360 kgs per 1 cum of concrete of OPC 53 grade using batching and mixing plant of 15 cum per hour capacity with 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials , centering using Steel scaffolding pipes , jack props , wallers , Foot plates , brackets , steel centering plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, laying concrete, curing etc., and overheads & contractors profit complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Plinth Beams :	Supply and placing of the Design Mix Concrete M 25 grade for Plinth Beams	Supply and placing of the Design Mix Concrete M 25 grade for Plinth Beams	402	15532.00	ONE CUM	1506604
21	2.60	Supply and placing of the VRCC Design Mix Concrete M 25 grade corresponding to IS 456 with minimum cement content of 360 kgs per 1 cum of concrete of OPC 53 grade using batching and mixing plant of 15 cum per hour capacity with 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials , centering using Steel scaffolding pipes , jack props , wallers , Foot plates , brackets , steel centering plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, laying concrete, curing etc., and overheads & contractors profit complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Haunch Concrete	Supply and placing of the Design Mix Concrete M 25 grade for Haunch Concrete	Supply and placing of the Design Mix Concrete M 25 grade for Haunch Concrete	402	10837.00	ONE CUM	28176

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
22	154.00	Supply and placing of the VRCC Design Mix Concrete M 35 grade corresponding to IS 456 with minimum cement content of 400 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack props, Steel centering Plates etc. including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing , Vibrator overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402) Stilt Floor Columns :	Supply and placing of the Design Mix Concrete M 35 grade for Columns	Supply and placing of the Design Mix Concrete M 35 grade for Columns	402	16658.00	ONE CUM	2565332
23	71.00	Supply and placing of the VRCC Design Mix Concrete M 35 grade corresponding to IS 456 with minimum cement content of 400 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack props, Steel centering Plates etc. including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing , Vibrator overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402) First Floor Columns :	Supply and placing of the Design Mix Concrete M 35 grade for Columns	Supply and placing of the Design Mix Concrete M 35 grade for Columns	402	18430.00	ONE CUM	1308530
24	71.00	Supply and placing of the VRCC Design Mix Concrete M 35 grade corresponding to IS 456 with minimum cement content of 400 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack props, Steel centering Plates etc. including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing , Vibrator overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402) Second Floor Columns :	Supply and placing of the Design Mix Concrete M 35 grade for Columns	Supply and placing of the Design Mix Concrete M 35 grade for Columns	402	18998.00	ONE CUM	1348858
25	50.00	Supply and placing of the VRCC Design Mix Concrete M 35 grade corresponding to IS 456 with minimum cement content of 400 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack props, Steel centering Plates etc. including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing , Vibrator overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402) Third Floor Columns :	Supply and placing of the Design Mix Concrete M 35 grade for Columns	Supply and placing of the Design Mix Concrete M 35 grade for Columns	402	19568.00	ONE CUM	978400

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
26	43.00	Supply and placing of the VRCC Design Mix Concrete M 35 grade corresponding to IS 456 with minimum cement content of 400 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack props, Steel centering Plates etc. including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing , Vibrator overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402) Fourth Floor Columns ::	Supply and placing of the Design Mix Concrete M 35 grade for Columns	Supply and placing of the Design Mix Concrete M 35 grade for Columns	402	20136.00	ONE CUM	865848
27	43.00	Supply and placing of the VRCC Design Mix Concrete M 35 grade corresponding to IS 456 with minimum cement content of 400 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack props, Steel centering Plates etc. including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing , Vibrator overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402) Fifth Floor Columns ::	Supply and placing of the Design Mix Concrete M 35 grade for Columns	Supply and placing of the Design Mix Concrete M 35 grade for Columns	402	20704.00	ONE CUM	890272
28	16.00	Supply and placing of the VRCC Design Mix Concrete M 35 grade corresponding to IS 456 with minimum cement content of 400 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack props, Steel centering Plates etc. including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing , Vibrator overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402) Terrace Floor Columns ::	Supply and placing of the Design Mix Concrete M 35 grade for Columns	Supply and placing of the Design Mix Concrete M 35 grade for Columns	402	21272.00	ONE CUM	340352
29	2.00	Supply and placing of the VRCC Design Mix Concrete M 25 grade corresponding to IS 456 with minimum cement content of 360 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack props, Steel centering Plates etc. including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing , Vibrator overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402) Columns : Stilt Floor	Supply and placing of the Design Mix Concrete M 25 grade for Columns	Supply and placing of the Design Mix Concrete M 25 grade for Columns	402	16408.00	ONE CUM	32816

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
30	1.60	Supply and placing of the VRCC Design Mix Concrete M 25 grade corresponding to IS 456 with minimum cement content of 360 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack props, Steel centering Plates etc. including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing , Vibrator overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402) RCC Side walls 200mm thick side walls	Supply and placing of the Design Mix Concrete M 25 grade for 200mm thick side walls	Supply and placing of the Design Mix Concrete M 25 grade for 200mm thick side walls	402	18328.00	ONE CUM	29325
31	109.00	Supply and placing of the VRCC Design Mix Concrete M 25 grade corresponding to IS 456 with minimum cement content of 360 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack props, Steel centering Plates etc. including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing , Vibrator overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402) RCC Side walls 200mm thick side walls	Supply and placing of the Design Mix Concrete M 25 grade for 200mm thick side walls	Supply and placing of the Design Mix Concrete M 25 grade for 200mm thick side walls	402	20070.00	ONE CUM	2187630
31	32.80	Supply and placing of the VRCC Design Mix Concrete M 25 grade corresponding to IS 456 with minimum cement content of 360 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack props, Steel centering Plates etc. including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing , Vibrator overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402) RCC Side walls 300mm thick side walls	Supply and placing of the Design Mix Concrete M 25 grade for 300mm thick side walls	Supply and placing of the Design Mix Concrete M 25 grade for 300mm thick side walls	402	16088.00	ONE CUM	527686
32	13.50	Supply and placing of the VRCC Design Mix Concrete M 25 grade corresponding to IS 456 with minimum cement content of 360 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack props, Steel centering Plates etc. including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing , Vibrator overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402) RCC Side walls 450mm thick side walls	Supply and placing of the Design Mix Concrete M 25 grade for 450mm thick side walls	Supply and placing of the Design Mix Concrete M 25 grade for 450mm thick side walls	402	14595.00	ONE CUM	197033

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
33	9.90	Supply and placing of the VRCC Design Mix Concrete M 20 grade corresponding to IS 456 with minimum cement content of 320 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Casurina Ballies, Bamboos, Wooden Reapers, Runners, Wood Posts, Steel Plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete manually, laying concrete, curing , Vibrator overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402) Columns for Compoundwall:	Supply and placing of the Design Mix Concrete M 20 grade for Columns	Supply and placing of the Design Mix Concrete M 20 grade for Columns	402	14987.00	ONE CUM	148371
34	6.40	Supply and placing of the VRCC Design Mix Concrete M 20 grade corresponding to IS 456 with minimum cement content of 320 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Casurina Ballies, Bamboos, Wooden Reapers, Runners, Wood Posts, Steel Plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete manually, laying concrete, curing , Vibrator overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402) 100mm thick Drain side walls	Supply and placing of the Design Mix Concrete M 20 grade for 100mm thick Drain side walls	Supply and placing of the Design Mix Concrete M 20 grade for 100mm thick Drain side walls	402	24799.00	ONE CUM	158714
35	11.80	Supply and placing of the VRCC Design Mix Concrete M 20 grade corresponding to IS 456 with minimum cement content of 320 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Casurina Ballies, Bamboos, Wooden Reapers, Runners, Wood Posts, Steel Plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete manually, laying concrete, curing , Vibrator overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402) 125mm thick Drain side walls	Supply and placing of the Design Mix Concrete M 20 grade for 125mm thick Drain side walls	Supply and placing of the Design Mix Concrete M 20 grade for 125mm thick Drain side walls	402	22111.00	ONE CUM	260910
36	2.00	Supply and placing of the VRCC Design Mix Concrete M 25 grade corresponding to IS 456 with minimum cement content of 360 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Casurina Ballies, Bamboos, Wooden Reapers, Runners, Wood Posts, Steel Plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete manually, laying concrete, curing , Vibrator overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Stilt Floor	Supply and placing of the Design Mix Concrete M 25 grade for Lintels	Supply and placing of the Design Mix Concrete M 25 grade for Lintels	402	14983.00	ONE CUM	29966

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
37	3.00	Supply and placing of the VRCC Design Mix Concrete M 25 grade corresponding to IS 456 with minimum cement content of 360 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Casurina Ballies, Bamboos, Wooden Reapers, Runners, Wood Posts, Steel Plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete manually, laying concrete, curing , Vibrator overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). First Floor	Supply and placing of the Design Mix Concrete M 25 grade for Lintels	Supply and placing of the Design Mix Concrete M 25 grade for Lintels	402	15713.00	ONE CUM	47139
38	3.00	Supply and placing of the VRCC Design Mix Concrete M 25 grade corresponding to IS 456 with minimum cement content of 360 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Casurina Ballies, Bamboos, Wooden Reapers, Runners, Wood Posts, Steel Plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete manually, laying concrete, curing , Vibrator overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Second Floor	Supply and placing of the Design Mix Concrete M 25 grade for Lintels	Supply and placing of the Design Mix Concrete M 25 grade for Lintels	402	16444.00	ONE CUM	49332
39	2.00	Supply and placing of the VRCC Design Mix Concrete M 25 grade corresponding to IS 456 with minimum cement content of 360 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Casurina Ballies, Bamboos, Wooden Reapers, Runners, Wood Posts, Steel Plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete manually, laying concrete, curing , Vibrator overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Third Floor	Supply and placing of the Design Mix Concrete M 25 grade for Lintels	Supply and placing of the Design Mix Concrete M 25 grade for Lintels	402	17174.00	ONE CUM	34348
40	2.00	Supply and placing of the VRCC Design Mix Concrete M 25 grade corresponding to IS 456 with minimum cement content of 360 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Casurina Ballies, Bamboos, Wooden Reapers, Runners, Wood Posts, Steel Plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete manually, laying concrete, curing , Vibrator overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Fourth Floor	Supply and placing of the Design Mix Concrete M 25 grade for Lintels	Supply and placing of the Design Mix Concrete M 25 grade for Lintels	402	17904.00	ONE CUM	35808

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
41	2.00	Supply and placing of the VRCC Design Mix Concrete M 25 grade corresponding to IS 456 with minimum cement content of 360 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Casurina Ballies, Bamboos, Wooden Reapers, Runners, Wood Posts, Steel Plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete manually, laying concrete, curing , Vibrator overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Fifth Floor	Supply and placing of the Design Mix Concrete M 25 grade for Lintels	Supply and placing of the Design Mix Concrete M 25 grade for Lintels	402	18634.00	ONE CUM	37268
42	0.30	Supply and placing of the VRCC Design Mix Concrete M 25 grade corresponding to IS 456 with minimum cement content of 360 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Casurina Ballies, Bamboos, Wooden Reapers, Runners, Wood Posts, Steel Plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete manually, laying concrete, curing , Vibrator overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Terrace Floor	Supply and placing of the Design Mix Concrete M 25 grade for Lintels	Supply and placing of the Design Mix Concrete M 25 grade for Lintels	402	19363.00	ONE CUM	5809
37	16.80	Supply and placing of the VRCC Design Mix Concrete M 25 grade corresponding to IS 456 with minimum cement content of 360 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Casurina Ballies, Bamboos, Wooden Reapers, Runners, Wood Posts, Steel Plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete Mechanically, laying concrete, curing , Vibrator overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402) 150mm thick Sump Side wall	Supply and placing of the Design Mix Concrete M 25 grade for 150mm thick Water tank Side wall	Supply and placing of the Design Mix Concrete M 25 grade for 150mm thick Water tank Side wall	402	20569.00	ONE CUM	345559
38	10.00	Supply and placing of the VRCC Design Mix Concrete M 25 grade corresponding to IS 456 with minimum cement content of 360 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Casurina Ballies, Bamboos, Wooden Reapers, Runners, Wood Posts, Steel Plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete Mechanically, laying concrete, curing , Vibrator overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402) 150mm thick Watertank Side wall Third Floor :	Supply and placing of the Design Mix Concrete M 25 grade for 150mm thick Water tank Side wall	Supply and placing of the Design Mix Concrete M 25 grade for 150mm thick Water tank Side wall	402	22174.00	ONE CUM	221740

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
39	7.00	Supply and placing of the VRCC Design Mix Concrete M 25 grade corresponding to IS 456 with minimum cement content of 360 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Casurina Ballies, Bamboos, Wooden Reapers, Runners, Wood Posts, Steel Plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete Mechanically, laying concrete, curing , Vibrator overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402) 150mm thick Watertank Side wallTerrace Floor :	Supply and placing of the Design Mix Concrete M 25 grade for150mm thick Water tank Side wall	Supply and placing of the Design Mix Concrete M 25 grade for150mm thick Water tank Side wall	402	22776.00	ONE CUM	159432
40	6.60	Supply and placing of the VRCC Design Mix Concrete M 25 grade corresponding to IS 456 with minimum cement content of 360 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Casurina Ballies, Bamboos, Wooden Reapers, Runners, Wood Posts, Steel Plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete Mechanically, laying concrete, curing , Vibrator overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402) 230mm thick Retaining wall Stilt Floor	Supply and placing of the Design Mix Concrete M 25 grade for230mm thick Retaining wall	Supply and placing of the Design Mix Concrete M 25 grade for230mm thick Retaining wall	402	17452.00	ONE CUM	115183
41	203.00	Supply and placing of the VRCC Design Mix Concrete M 35 grade corresponding to IS 456 with minimum cement content of 400 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal(coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack props, Steel centering Plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing, overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Roof Beams upto un supported height of 3.66 m Stilt Floor	Supply and placing of the Design Mix Concrete M 35 grade Roof Beams upto un supported height of 3.66 m	Supply and placing of the Design Mix Concrete M 35 grade Roof Beams upto un supported height of 3.66 m	402	14513.00	ONE CUM	2946139
42	127.00	Supply and placing of the VRCC Design Mix Concrete M 35 grade corresponding to IS 456 with minimum cement content of 400 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal(coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack props, Steel centering Plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing, overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Roof Beams upto un supported height of 3.66 m First Floor :	Supply and placing of the Design Mix Concrete M 35 grade Roof Beams upto un supported height of 3.66 m	Supply and placing of the Design Mix Concrete M 35 grade Roof Beams upto un supported height of 3.66 m	402	15145.00	ONE CUM	1923415

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
43	127.00	Supply and placing of the VRCC Design Mix Concrete M 35 grade corresponding to IS 456 with minimum cement content of 400 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal(coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack props, Steel centering Plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing, overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Roof Beams upto un supported height of 3.66 m Second Floor :	Supply and placing of the Design Mix Concrete M 35 grade Roof Beams upto un supported height of 3.66 m	Supply and placing of the Design Mix Concrete M 35 grade Roof Beams upto un supported height of 3.66 m	402	15536.00	ONE CUM	1973072
44	89.00	Supply and placing of the VRCC Design Mix Concrete M 35 grade corresponding to IS 456 with minimum cement content of 400 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal(coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack props, Steel centering Plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing, overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Roof Beams upto un supported height of 3.66 m Third Floor :	Supply and placing of the Design Mix Concrete M 35 grade Roof Beams upto un supported height of 3.66 m	Supply and placing of the Design Mix Concrete M 35 grade Roof Beams upto un supported height of 3.66 m	402	15927.00	ONE CUM	1417503
45	69.00	Supply and placing of the VRCC Design Mix Concrete M 35 grade corresponding to IS 456 with minimum cement content of 400 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal(coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack props, Steel centering Plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing, overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Roof Beams upto un supported height of 3.66 m Fourth Floor :	Supply and placing of the Design Mix Concrete M 35 grade Roof Beams upto un supported height of 3.66 m	Supply and placing of the Design Mix Concrete M 35 grade Roof Beams upto un supported height of 3.66 m	402	16319.00	ONE CUM	1126011
46	69.00	Supply and placing of the VRCC Design Mix Concrete M 35 grade corresponding to IS 456 with minimum cement content of 400 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal(coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack props, Steel centering Plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing, overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Roof Beams upto un supported height of 3.66 m Fifth Floor :	Supply and placing of the Design Mix Concrete M 35 grade Roof Beams upto un supported height of 3.66 m	Supply and placing of the Design Mix Concrete M 35 grade Roof Beams upto un supported height of 3.66 m	402	16711.00	ONE CUM	1153059

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
47	18.00	Supply and placing of the VRCC Design Mix Concrete M 35 grade corresponding to IS 456 with minimum cement content of 400 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal(coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack props, Steel centering Plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing, overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Roof Beams upto un supported height of 3.66 m Terrace Floor :	Supply and placing of the Design Mix Concrete M 35 grade Roof Beams upto un supported height of 3.66 m	Supply and placing of the Design Mix Concrete M 35 grade Roof Beams upto un supported height of 3.66 m	402	17142.00	ONE CUM	308556
48	17.20	Supply and placing of the VRCC Design Mix Concrete M 35 grade corresponding to IS 456 with minimum cement content of 400 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal(coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack props, Steel centering Plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing, overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Roof Slabs 125mm thick : upto un supported height of 3.66m Terrace Floor :	Supply and placing of the Design Mix Concrete M 35 grade Roof Slabs 125mm thick : upto un supported height of 3.66m	Supply and placing of the Design Mix Concrete M 35 grade Roof Slabs 125mm thick : upto un supported height of 3.66m	402	16354.00	ONE CUM	281289
49	17.70	Supply and placing of the VRCC Design Mix Concrete M 35 grade corresponding to IS 456 with minimum cement content of 400 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal(coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack props, Steel centering Plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing, overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Roof Slabs 150mm thick upto un supported height of 3.66m : First Floor :	Supply and placing of the Design Mix Concrete M 35 grade Roof Slabs 150mm thick upto un supported height of 3.66m :	Supply and placing of the Design Mix Concrete M 35 grade Roof Slabs 150mm thick upto un supported height of 3.66m :	402	13516.00	ONE CUM	239233
50	17.70	Supply and placing of the VRCC Design Mix Concrete M 35 grade corresponding to IS 456 with minimum cement content of 400 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal(coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack props, Steel centering Plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing, overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Roof Slabs 150mm thick upto un supported height of 3.66m : Second Floor :	Supply and placing of the Design Mix Concrete M 35 grade Roof Slabs 150mm thick upto un supported height of 3.66m :	Supply and placing of the Design Mix Concrete M 35 grade Roof Slabs 150mm thick upto un supported height of 3.66m :	402	13818.00	ONE CUM	244579

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
51	32.80	Supply and placing of the VRCC Design Mix Concrete M 35 grade corresponding to IS 456 with minimum cement content of 400 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal(coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack props, Steel centering Plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing, overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Roof Slabs 150mm thick upto un supported height of 3.66m : Third Floor :	Supply and placing of the Design Mix Concrete M 35 grade Roof Slabs 150mm thick upto un supported height of 3.66m :	Supply and placing of the Design Mix Concrete M 35 grade Roof Slabs 150mm thick upto un supported height of 3.66m :	402	14121.00	ONE CUM	463169
52	17.70	Supply and placing of the VRCC Design Mix Concrete M 35 grade corresponding to IS 456 with minimum cement content of 400 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal(coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack props, Steel centering Plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing, overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Roof Slabs 150mm thick upto un supported height of 3.66m : Fourth Floor :	Supply and placing of the Design Mix Concrete M 35 grade Roof Slabs 150mm thick upto un supported height of 3.66m :	Supply and placing of the Design Mix Concrete M 35 grade Roof Slabs 150mm thick upto un supported height of 3.66m :	402	14423.00	ONE CUM	255287
53	17.70	Supply and placing of the VRCC Design Mix Concrete M 35 grade corresponding to IS 456 with minimum cement content of 400 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal(coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack props, Steel centering Plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing, overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Roof Slabs 150mm thick upto un supported height of 3.66m : Fifth Floor :	Supply and placing of the Design Mix Concrete M 35 grade Roof Slabs 150mm thick upto un supported height of 3.66m :	Supply and placing of the Design Mix Concrete M 35 grade Roof Slabs 150mm thick upto un supported height of 3.66m :	402	14726.00	ONE CUM	260650
54	20.70	Supply and placing of the VRCC Design Mix Concrete M 35 grade corresponding to IS 456 with minimum cement content of 400 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal(coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack props, Steel centering Plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing, overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Roof Slabs 150mm thick upto un supported height of 3.66m : Terrace Floor :	Supply and placing of the Design Mix Concrete M 35 grade Roof Slabs 150mm thick upto un supported height of 3.66m :	Supply and placing of the Design Mix Concrete M 35 grade Roof Slabs 150mm thick upto un supported height of 3.66m :	402	15068.00	ONE CUM	311908

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
55	81.10	Supply and placing of the VRCC Design Mix Concrete M 35 grade corresponding to IS 456 with minimum cement content of 400 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal(coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack props, Steel centering Plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing, overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Roof Slabs 175mm thick upto un supported height of 3.66m : First Floor :	Supply and placing of the Design Mix Concrete M 35 grade Roof Slabs 175mm thick upto un supported height of 3.66m :	Supply and placing of the Design Mix Concrete M 35 grade Roof Slabs 175mm thick upto un supported height of 3.66m :	402	12881.00	ONE CUM	1044649
56	85.10	Supply and placing of the VRCC Design Mix Concrete M 35 grade corresponding to IS 456 with minimum cement content of 400 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal(coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack props, Steel centering Plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing, overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Roof Slabs 175mm thick upto un supported height of 3.66m : Second Floor :	Supply and placing of the Design Mix Concrete M 35 grade Roof Slabs 175mm thick upto un supported height of 3.66m :	Supply and placing of the Design Mix Concrete M 35 grade Roof Slabs 175mm thick upto un supported height of 3.66m :	402	13140.00	ONE CUM	1118214
57	95.60	Supply and placing of the VRCC Design Mix Concrete M 35 grade corresponding to IS 456 with minimum cement content of 400 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal(coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack props, Steel centering Plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing, overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Roof Slabs 175mm thick upto un supported height of 3.66m : Third Floor :	Supply and placing of the Design Mix Concrete M 35 grade Roof Slabs 175mm thick upto un supported height of 3.66m :	Supply and placing of the Design Mix Concrete M 35 grade Roof Slabs 175mm thick upto un supported height of 3.66m :	402	13409.00	ONE CUM	1281900
58	85.10	Supply and placing of the VRCC Design Mix Concrete M 35 grade corresponding to IS 456 with minimum cement content of 400 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal(coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack props, Steel centering Plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing, overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Roof Slabs 175mm thick upto un supported height of 3.66m : Fourth Floor :	Supply and placing of the Design Mix Concrete M 35 grade Roof Slabs 175mm thick upto un supported height of 3.66m :	Supply and placing of the Design Mix Concrete M 35 grade Roof Slabs 175mm thick upto un supported height of 3.66m :	402	13677.00	ONE CUM	1163913

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
59	85.10	Supply and placing of the VRCC Design Mix Concrete M 35 grade corresponding to IS 456 with minimum cement content of 400 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal(coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack props, Steel centering Plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing, overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Roof Slabs 175mm thick upto un supported height of 3.66m : Fifth Floor :	Supply and placing of the Design Mix Concrete M 35 grade Roof Slabs 175mm thick upto un supported height of 3.66m :	Supply and placing of the Design Mix Concrete M 35 grade Roof Slabs 175mm thick upto un supported height of 3.66m :	402	13945.00	ONE CUM	1186720
60	6.58	Supply and placing of the VRCC Design Mix Concrete M 35 grade corresponding to IS 456 with minimum cement content of 400 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal(coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack props, Steel centering Plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing, overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Roof Slabs 200mm thick upto un supported height of 3.66m : First Floor :	Supply and placing of the Design Mix Concrete M 35 grade Roof Slabs 200mm thick upto un supported height of 3.66m	Supply and placing of the Design Mix Concrete M 35 grade Roof Slabs 200mm thick upto un supported height of 3.66m	402	12363.00	ONE CUM	81299
61	6.60	Supply and placing of the VRCC Design Mix Concrete M 35 grade corresponding to IS 456 with minimum cement content of 400 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal(coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack props, Steel centering Plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing, overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Roof Slabs 200mm thick upto un supported height of 3.66m : Second Floor :	Supply and placing of the Design Mix Concrete M 35 grade Roof Slabs 200mm thick upto un supported height of 3.66m	Supply and placing of the Design Mix Concrete M 35 grade Roof Slabs 200mm thick upto un supported height of 3.66m	402	12597.00	ONE CUM	83140
62	3.30	Supply and placing of the VRCC Design Mix Concrete M 35 grade corresponding to IS 456 with minimum cement content of 400 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal(coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack props, Steel centering Plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing, overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Roof Slabs 200mm thick upto un supported height of 3.66m : Third Floor :	Supply and placing of the Design Mix Concrete M 35 grade Roof Slabs 200mm thick upto un supported height of 3.66m	Supply and placing of the Design Mix Concrete M 35 grade Roof Slabs 200mm thick upto un supported height of 3.66m	402	12838.00	ONE CUM	42365

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
63	6.60	Supply and placing of the VRCC Design Mix Concrete M 35 grade corresponding to IS 456 with minimum cement content of 400 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal(coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack props, Steel centering Plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing, overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Roof Slabs 200mm thick upto un supported height of 3.66m : Fourth Floor :	Supply and placing of the Design Mix Concrete M 35 grade Roof Slabs 200mm thick upto un supported height of 3.66m	Supply and placing of the Design Mix Concrete M 35 grade Roof Slabs 200mm thick upto un supported height of 3.66m	402	13080.00	ONE CUM	86328
64	6.60	Supply and placing of the VRCC Design Mix Concrete M 35 grade corresponding to IS 456 with minimum cement content of 400 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal(coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack props, Steel centering Plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing, overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Roof Slabs 200mm thick upto un supported height of 3.66m : Fifth Floor :	Supply and placing of the Design Mix Concrete M 35 grade Roof Slabs 200mm thick upto un supported height of 3.66m	Supply and placing of the Design Mix Concrete M 35 grade Roof Slabs 200mm thick upto un supported height of 3.66m	402	13321.00	ONE CUM	87919
65	3.70	Supply and placing of the VRCC Design Mix Concrete M 35 grade corresponding to IS 456 with minimum cement content of 400 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal(coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack props, Steel centering Plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing, overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Roof Slabs 125mm thick : upto un supported height of 4.27m Stilt Floor	Supply and placing of the Design Mix Concrete M 35 grade for Roof Slabs 125mm thick : upto un supported height of 4.27m	Supply and placing of the Design Mix Concrete M 35 grade for Roof Slabs 125mm thick : upto un supported height of 4.27m	402	14880.00	ONE CUM	55056
66	6.00	Supply and placing of the VRCC Design Mix Concrete M 35 grade corresponding to IS 456 with minimum cement content of 400 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal(coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack props, Steel centering Plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing, overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Roof Slabs 150mm thick : upto un supported height of 4.27m Stilt Floor	Supply and placing of the Design Mix Concrete M 35 grade for Roof Slabs 150mm thick : upto un supported height of 4.27m	Supply and placing of the Design Mix Concrete M 35 grade for Roof Slabs 150mm thick : upto un supported height of 4.27m	402	13767.00	ONE CUM	82602

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
67	9.80	Supply and placing of the VRCC Design Mix Concrete M 35 grade corresponding to IS 456 with minimum cement content of 400 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal(coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack props, Steel centering Plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing, overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Roof Slabs 150mm thick : upto un supported height of 4.27m First Floor :	Supply and placing of the Design Mix Concrete M 35 grade for Roof Slabs 150mm thick : upto un supported height of 4.27m	Supply and placing of the Design Mix Concrete M 35 grade for Roof Slabs 150mm thick : upto un supported height of 4.27m	402	14357.00	ONE CUM	140699
68	9.80	Supply and placing of the VRCC Design Mix Concrete M 35 grade corresponding to IS 456 with minimum cement content of 400 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal(coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack props, Steel centering Plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing, overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Roof Slabs 150mm thick : upto un supported height of 4.27m Second Floor :	Supply and placing of the Design Mix Concrete M 35 grade for Roof Slabs 150mm thick : upto un supported height of 4.27m	Supply and placing of the Design Mix Concrete M 35 grade for Roof Slabs 150mm thick : upto un supported height of 4.27m	402	14705.00	ONE CUM	144109
69	283.10	Supply and placing of the VRCC Design Mix Concrete M 35 grade corresponding to IS 456 with minimum cement content of 400 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal(coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack props, Steel centering Plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing, overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Roof Slabs 175mm thick : upto un supported height of 4.27m Stilt Floor	Supply and placing of the Design Mix Concrete M 35 grade for Roof Slabs 175mm thick : upto un supported height of 4.27m	Supply and placing of the Design Mix Concrete M 35 grade for Roof Slabs 175mm thick : upto un supported height of 4.27m	402	13107.00	ONE CUM	3710592
70	70.40	Supply and placing of the VRCC Design Mix Concrete M 35 grade corresponding to IS 456 with minimum cement content of 400 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal(coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack props, Steel centering Plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing, overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Roof Slabs 175mm thick : upto un supported height of 4.27m First Floor :	Supply and placing of the Design Mix Concrete M 35 grade for Roof Slabs 175mm thick : upto un supported height of 4.27m	Supply and placing of the Design Mix Concrete M 35 grade for Roof Slabs 175mm thick : upto un supported height of 4.27m	402	13623.00	ONE CUM	959059

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
71	70.40	Supply and placing of the VRCC Design Mix Concrete M 35 grade corresponding to IS 456 with minimum cement content of 400 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal(coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack props, Steel centering Plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing, overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Roof Slabs 175mm thick : upto un supported height of 4.27m Second Floor :	Supply and placing of the Design Mix Concrete M 35 grade for Roof Slabs 175mm thick : upto un supported height of 4.27m	Supply and placing of the Design Mix Concrete M 35 grade for Roof Slabs 175mm thick : upto un supported height of 4.27m	402	13921.00	ONE CUM	980038
72	122.20	Supply and placing of the VRCC Design Mix Concrete M 35 grade corresponding to IS 456 with minimum cement content of 400 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal(coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack props, Steel centering Plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing, overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Roof Slabs 200mm thick : upto un supported height of 4.27m Stilt Floor	Supply and placing of the Design Mix Concrete M 35 grade for Roof Slabs 200mm thick : upto un supported height of 4.27m	Supply and placing of the Design Mix Concrete M 35 grade for Roof Slabs 200mm thick : upto un supported height of 4.27m	402	12493.00	ONE CUM	1526648
73	4.80	Supply and placing of the VRCC Design Mix Concrete M 35 grade corresponding to IS 456 with minimum cement content of 400 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal(coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack props, Steel centering Plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing, overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Roof Slabs 200mm thick : upto un supported height of 4.27m First Floor :	Supply and placing of the Design Mix Concrete M 35 grade for Roof Slabs 200mm thick : upto un supported height of 4.27m	Supply and placing of the Design Mix Concrete M 35 grade for Roof Slabs 200mm thick : upto un supported height of 4.27m	402	13012.00	ONE CUM	62458
74	4.80	Supply and placing of the VRCC Design Mix Concrete M 35 grade corresponding to IS 456 with minimum cement content of 400 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal(coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack props, Steel centering Plates etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing, overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Roof Slabs 200mm thick : upto un supported height of 4.27m Second Floor :	Supply and placing of the Design Mix Concrete M 35 grade for Roof Slabs 200mm thick : upto un supported height of 4.27m	Supply and placing of the Design Mix Concrete M 35 grade for Roof Slabs 200mm thick : upto un supported height of 4.27m	402	13280.00	ONE CUM	63744

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
75	1.00	Supply and placing of the VRCC Design Mix Concrete M 25 grade corresponding to IS 456 with minimum cement content of 360 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal(coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack Props, Steel Centering Plates,etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing, overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Roof beams Stilt Floor	Supply and placing of the Design Mix Concrete M 25 grade for Roof beams	Supply and placing of the Design Mix Concrete M 25 grade for Roof beams	402	14263.00	ONE CUM	14263
76	9.00	Supply and placing of the VRCC Design Mix Concrete M 25 grade corresponding to IS 456 with minimum cement content of 360 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal(coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack Props, Steel Centering Plates,etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing, overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Roof Slabs 125mm thick : Stilt Floor	Supply and placing of the Design Mix Concrete M 25 grade for Roof Slabs 125mm thick	Supply and placing of the Design Mix Concrete M 25 grade for Roof Slabs 125mm thick	402	13677.00	ONE CUM	123093
77	7.30	Supply and placing of the VRCC Design Mix Concrete M 25 grade corresponding to IS 456 with minimum cement content of 360 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal(coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack Props, Steel Centering Plates,etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing, overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). Roof Slabs 150mm thick : Stilt Floor	Supply and placing of the Design Mix Concrete M 25 grade for Roof Slabs 150mm thick	Supply and placing of the Design Mix Concrete M 25 grade for Roof Slabs 150mm thick	402	12722.00	ONE CUM	92871
78	38.00	Supply and placing of the VRCC Design Mix Concrete M 25 grade corresponding to IS 456 with minimum cement content of 360 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal(coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack Props, Steel Centering Plates,etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing, overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402).100mm thick Precast Slabs	Supply and placing of the Design Mix Concrete M 25 grade for 100mm thick Precast Slabs	Supply and placing of the Design Mix Concrete M 25 grade for 100mm thick Precast Slabs	402	1242.00	ONE SQM	47196

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
79	75.00	Supply and placing of the VRCC Design Mix Concrete M 25 grade corresponding to IS 456 with minimum cement content of 360 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal(coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and sales & other taxes on all materials, centering using Steel scaffolding pipes, jack Props, Steel Centering Plates,etc., including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete mechanically, laying concrete, curing, overheads & contractors profit etc., complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402). 125mm thick Precast Slabs	Supply and placing of the Design Mix Concrete M 25 grade for 125mm thick Precast Slabs	Supply and placing of the Design Mix Concrete M 25 grade for 125mm thick Precast Slabs	402	1552.00	ONE SQM	116400
80	356.00	Ornamental borders by providing 20mm thick raised bands of 230 mm wide in plain cement mortar bands in CM(1:4) ,including cost and conveyance of all materials, labour charges and scaffolding s etc., curing, overheads & contractors profit etc., complete for finished item of work. For all Floors	Ornamental borders by providing 20mm thick raised bands of 230 mm wide	Ornamental borders by providing 20mm thick raised bands of 230 mm wide	As directed By Engineer In Charge	160.00	ONE RMT	56960
81	8.00	Supply and placing of the VRCC Design Mix Concrete M 25 grade corresponding to IS 456 with minimum cement content of 360 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and including sales & other taxes on all materials , centering using Casurina Ballies , Bamboos , Wooden Reapers , Runners , Wood Posts , Wall Plates etc., for 60cm wide sun-shades 7.5cm thick at fixed end and 5cm thick at free end with an average thickness of 6.25cm including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete manually, laying concrete, curing, overheads & contractors profit complete etc., but excluding cost of steel and its fabrication charges for finished item of work. (APSS No. 402, 403 & 903) Stilt Floor	Supply and placing of the Design Mix Concrete M 25 grade for Sun Shades	Supply and placing of the Design Mix Concrete M 25 grade for Sun Shades	402, 403 & 903	636.00	ONE RMT	5088
82	20.00	Supply and placing of the VRCC Design Mix Concrete M 25 grade corresponding to IS 456 with minimum cement content of 360 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and including sales & other taxes on all materials , centering using Casurina Ballies , Bamboos , Wooden Reapers , Runners , Wood Posts , Wall Plates etc., for 60cm wide sun-shades 7.5cm thick at fixed end and 5cm thick at free end with an average thickness of 6.25cm including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete manually, laying concrete, curing, overheads & contractors profit complete etc., but excluding cost of steel and its fabrication charges for finished item of work. (APSS No. 402, 403 & 903) First Floor :	Supply and placing of the Design Mix Concrete M 25 grade for Sun Shades	Supply and placing of the Design Mix Concrete M 25 grade for Sun Shades	402, 403 & 903	668.00	ONE RMT	13360
83	29.00	Supply and placing of the VRCC Design Mix Concrete M 25 grade corresponding to IS 456 with minimum cement content of 360 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and including sales & other taxes on all materials , centering using Casurina Ballies , Bamboos , Wooden Reapers , Runners , Wood Posts , Wall Plates etc., for 60cm wide sun-shades 7.5cm thick at fixed end and 5cm thick at free end with an average thickness of 6.25cm including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete manually, laying concrete, curing, overheads & contractors profit complete etc., but excluding cost of steel and its fabrication charges for finished item of work. (APSS No. 402, 403 & 903) Second Floor :	Supply and placing of the Design Mix Concrete M 25 grade for Sun Shades	Supply and placing of the Design Mix Concrete M 25 grade for Sun Shades	402, 403 & 903	701.00	ONE RMT	20329

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
84	18.00	Supply and placing of the VRCC Design Mix Concrete M 25 grade corresponding to IS 456 with minimum cement content of 360 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and including sales & other taxes on all materials , centering using Casurina Ballies , Bamboos , Wooden Reapers , Runners , Wood Posts , Wall Plates etc., for 60cm wide sun-shades 7.5cm thick at fixed end and 5cm thick at free end with an average thickness of 6.25cm including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete manually, laying concrete, curing, overheads & contractors profit complete etc., but excluding cost of steel and its fabrication charges for finished item of work. (APSS No. 402, 403 & 903) Third Floor :	Supply and placing of the Design Mix Concrete M 25 grade for Sun Shades	Supply and placing of the Design Mix Concrete M 25 grade for Sun Shades	402, 403 & 903	733.00	ONE RMT	13194
85	22.00	Supply and placing of the VRCC Design Mix Concrete M 25 grade corresponding to IS 456 with minimum cement content of 360 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and including sales & other taxes on all materials , centering using Casurina Ballies , Bamboos , Wooden Reapers , Runners , Wood Posts , Wall Plates etc., for 60cm wide sun-shades 7.5cm thick at fixed end and 5cm thick at free end with an average thickness of 6.25cm including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete manually, laying concrete, curing, overheads & contractors profit complete etc., but excluding cost of steel and its fabrication charges for finished item of work. (APSS No. 402, 403 & 903) Fourth Floor :	Supply and placing of the Design Mix Concrete M 25 grade for Sun Shades	Supply and placing of the Design Mix Concrete M 25 grade for Sun Shades	402, 403 & 903	765.00	ONE RMT	16830
86	15.00	Supply and placing of the VRCC Design Mix Concrete M 25 grade corresponding to IS 456 with minimum cement content of 360 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and including sales & other taxes on all materials , centering using Casurina Ballies , Bamboos , Wooden Reapers , Runners , Wood Posts , Wall Plates etc., for 60cm wide sun-shades 7.5cm thick at fixed end and 5cm thick at free end with an average thickness of 6.25cm including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete manually, laying concrete, curing, overheads & contractors profit complete etc., but excluding cost of steel and its fabrication charges for finished item of work. (APSS No. 402, 403 & 903) Fifth Floor :	Supply and placing of the Design Mix Concrete M 25 grade for Sun Shades	Supply and placing of the Design Mix Concrete M 25 grade for Sun Shades	402, 403 & 903	797.00	ONE RMT	11955
87	6.00	Supply and placing of the VRCC Design Mix Concrete M 25 grade corresponding to IS 456 with minimum cement content of 360 kgs per 1 cum of concrete of OPC 53 grade using Concrete Batching Plant with 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and including sales & other taxes on all materials , centering using Casurina Ballies , Bamboos , Wooden Reapers , Runners , Wood Posts , Wall Plates etc., for 60cm wide sun-shades 7.5cm thick at fixed end and 5cm thick at free end with an average thickness of 6.25cm including all operational, incidental and labour charges such as weigh batching, machine mixing, lifting of concrete manually, laying concrete, curing, overheads & contractors profit complete etc., but excluding cost of steel and its fabrication charges for finished item of work. (APSS No. 402, 403 & 903) Terrace Floor :	Supply and placing of the Design Mix Concrete M 25 grade for Sun Shades	Supply and placing of the Design Mix Concrete M 25 grade for Sun Shades	402, 403 & 903	828.00	ONE RMT	4968

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
88	6.00	Reinforced Cement Concrete M 20 design mix using 12mm size hard granite machine crushed graded metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry, using a minimum quantity of 320 kgs. of cement per 1 cum of concrete using WEIGH BATCHER / MIXER including cost and conveyance of all materials like cement, fine aggregate (Sand), coarse aggregate, water etc., to site including steel centering, shuttering, labour charges such as weigh batching, machine mixing, laying concrete, lift charges, curing etc., and overheads & contractors profit complete for finished item of work (APSS No. 402 & 403) for Platforms & Shelves 75mm thick Platforms & Lofts Stilt Floor	Reinforced Cement Concrete M 20 design mix using 12mm size hard granite machine crushed graded metal 75mm thick Platforms & Lofts	Reinforced Cement Concrete M 20 design mix using 12mm size hard granite machine crushed graded metal 75mm thick Platforms & Lofts	402 & 403	819.00	ONE SQM	4914
89	15.00	Reinforced Cement Concrete M 20 design mix using 12mm size hard granite machine crushed graded metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry, using a minimum quantity of 320 kgs. of cement per 1 cum of concrete using WEIGH BATCHER / MIXER including cost and conveyance of all materials like cement, fine aggregate (Sand), coarse aggregate, water etc., to site including steel centering, shuttering, labour charges such as weigh batching, machine mixing, laying concrete, lift charges, curing etc., and overheads & contractors profit complete for finished item of work (APSS No. 402 & 403) for Platforms & Shelves 75mm thick Platforms & Lofts First Floor :	Reinforced Cement Concrete M 20 design mix using 12mm size hard granite machine crushed graded metal 75mm thick Platforms & Lofts	Reinforced Cement Concrete M 20 design mix using 12mm size hard granite machine crushed graded metal 75mm thick Platforms & Lofts	402 & 403	849.00	ONE SQM	12735
90	10.00	Reinforced Cement Concrete M 20 design mix using 12mm size hard granite machine crushed graded metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry, using a minimum quantity of 320 kgs. of cement per 1 cum of concrete using WEIGH BATCHER / MIXER including cost and conveyance of all materials like cement, fine aggregate (Sand), coarse aggregate, water etc., to site including steel centering, shuttering, labour charges such as weigh batching, machine mixing, laying concrete, lift charges, curing etc., and overheads & contractors profit complete for finished item of work (APSS No. 402 & 403) for Platforms & Shelves 75mm thick Platforms & Lofts Second Floor :	Reinforced Cement Concrete M 20 design mix using 12mm size hard granite machine crushed graded metal 75mm thick Platforms & Lofts	Reinforced Cement Concrete M 20 design mix using 12mm size hard granite machine crushed graded metal 75mm thick Platforms & Lofts	402 & 403	878.00	ONE SQM	8780
91	10.00	Reinforced Cement Concrete M 20 design mix using 12mm size hard granite machine crushed graded metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry, using a minimum quantity of 320 kgs. of cement per 1 cum of concrete using WEIGH BATCHER / MIXER including cost and conveyance of all materials like cement, fine aggregate (Sand), coarse aggregate, water etc., to site including steel centering, shuttering, labour charges such as weigh batching, machine mixing, laying concrete, lift charges, curing etc., and overheads & contractors profit complete for finished item of work (APSS No. 402 & 403) for Platforms & Shelves 75mm thick Platforms & Lofts Third Floor :	Reinforced Cement Concrete M 20 design mix using 12mm size hard granite machine crushed graded metal 75mm thick Platforms & Lofts	Reinforced Cement Concrete M 20 design mix using 12mm size hard granite machine crushed graded metal 75mm thick Platforms & Lofts	402 & 403	908.00	ONE SQM	9080
92	10.00	Reinforced Cement Concrete M 20 design mix using 12mm size hard granite machine crushed graded metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry, using a minimum quantity of 320 kgs. of cement per 1 cum of concrete using WEIGH BATCHER / MIXER including cost and conveyance of all materials like cement, fine aggregate (Sand), coarse aggregate, water etc., to site including steel centering, shuttering, labour charges such as weigh batching, machine mixing, laying concrete, lift charges, curing etc., and overheads & contractors profit complete for finished item of work (APSS No. 402 & 403) for Platforms & Shelves 75mm thick Platforms & Lofts Fourth Floor :	Reinforced Cement Concrete M 20 design mix using 12mm size hard granite machine crushed graded metal 75mm thick Platforms & Lofts	Reinforced Cement Concrete M 20 design mix using 12mm size hard granite machine crushed graded metal 75mm thick Platforms & Lofts	402 & 403	937.00	ONE SQM	9370

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
93	10.00	Reinforced Cement Concrete M 20 design mix using 12mm size hard granite machine crushed graded metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry, using a minimum quantity of 320 kgs. of cement per 1 cum of concrete using WEIGH BATCHER / MIXER including cost and conveyance of all materials like cement, fine aggregate (Sand), coarse aggregate, water etc., to site including steel centering, shuttering, labour charges such as weigh batching, machine mixing, laying concrete, lift charges, curing etc., and overheads & contractors profit complete for finished item of work (APSS No. 402 & 403) for Platforms & Shelves 75mm thick Platforms & Lofts Fifth Floor :	Reinforced Cement Concrete M 20 design mix using 12mm size hard granite machine crushed graded metal 75mm thick Platforms & Lofts	Reinforced Cement Concrete M 20 design mix using 12mm size hard granite machine crushed graded metal 75mm thick Platforms & Lofts	402 & 403	967.00	ONE SQM	9670
94	6.00	Reinforced Cement Concrete M 20 design mix using 12mm size hard granite machine crushed graded metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry, using a minimum quantity of 320 kgs. of cement per 1 cum of concrete using WEIGH BATCHER / MIXER including cost and conveyance of all materials like cement, fine aggregate (Sand), coarse aggregate, water etc., to site including steel centering, shuttering, labour charges such as weigh batching, machine mixing, laying concrete, lift charges, curing etc., and overheads & contractors profit complete for finished item of work (APSS No. 402 & 403) for Platforms & Shelves 50mm thick Platforms & Lofts Stilt Floor	Reinforced Cement Concrete M 20 design mix using 12mm size hard granite machine crushed graded metal for 50mm thick Platforms & Lofts	Reinforced Cement Concrete M 20 design mix using 12mm size hard granite machine crushed graded metal for 50mm thick Platforms & Lofts	402 & 403	632.00	ONE SQM	3792
95	15.00	Reinforced Cement Concrete M 20 design mix using 12mm size hard granite machine crushed graded metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry, using a minimum quantity of 320 kgs. of cement per 1 cum of concrete using WEIGH BATCHER / MIXER including cost and conveyance of all materials like cement, fine aggregate (Sand), coarse aggregate, water etc., to site including steel centering, shuttering, labour charges such as weigh batching, machine mixing, laying concrete, lift charges, curing etc., and overheads & contractors profit complete for finished item of work (APSS No. 402 & 403) for Platforms & Shelves 50mm thick Platforms & Lofts First Floor :	Reinforced Cement Concrete M 20 design mix using 12mm size hard granite machine crushed graded metal for 50mm thick Platforms & Lofts	Reinforced Cement Concrete M 20 design mix using 12mm size hard granite machine crushed graded metal for 50mm thick Platforms & Lofts	402 & 403	662.00	ONE SQM	9930
96	10.00	Reinforced Cement Concrete M 20 design mix using 12mm size hard granite machine crushed graded metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry, using a minimum quantity of 320 kgs. of cement per 1 cum of concrete using WEIGH BATCHER / MIXER including cost and conveyance of all materials like cement, fine aggregate (Sand), coarse aggregate, water etc., to site including steel centering, shuttering, labour charges such as weigh batching, machine mixing, laying concrete, lift charges, curing etc., and overheads & contractors profit complete for finished item of work (APSS No. 402 & 403) for Platforms & Shelves 50mm thick Platforms & Lofts Second Floor :	Reinforced Cement Concrete M 20 design mix using 12mm size hard granite machine crushed graded metal for 50mm thick Platforms & Lofts	Reinforced Cement Concrete M 20 design mix using 12mm size hard granite machine crushed graded metal for 50mm thick Platforms & Lofts	402 & 403	691.00	ONE SQM	6910
97	10.00	Reinforced Cement Concrete M 20 design mix using 12mm size hard granite machine crushed graded metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry, using a minimum quantity of 320 kgs. of cement per 1 cum of concrete using WEIGH BATCHER / MIXER including cost and conveyance of all materials like cement, fine aggregate (Sand), coarse aggregate, water etc., to site including steel centering, shuttering, labour charges such as weigh batching, machine mixing, laying concrete, lift charges, curing etc., and overheads & contractors profit complete for finished item of work (APSS No. 402 & 403) for Platforms & Shelves 50mm thick Platforms & Lofts Third Floor :	Reinforced Cement Concrete M 20 design mix using 12mm size hard granite machine crushed graded metal for 50mm thick Platforms & Lofts	Reinforced Cement Concrete M 20 design mix using 12mm size hard granite machine crushed graded metal for 50mm thick Platforms & Lofts	402 & 403	721.00	ONE SQM	7210

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
98	10.00	Reinforced Cement Concrete M 20 design mix using 12mm size hard granite machine crushed graded metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry, using a minimum quantity of 320 kgs. of cement per 1 cum of concrete using WEIGH BATCHER / MIXER including cost and conveyance of all materials like cement, fine aggregate (Sand), coarse aggregate, water etc., to site including steel centering, shuttering, labour charges such as weigh batching, machine mixing, laying concrete, lift charges, curing etc., and overheads & contractors profit complete for finished item of work (APSS No. 402 & 403) for Platforms & Shelves 50mm thick Platforms & Lofts Fourth Floor :	Reinforced Cement Concrete M 20 design mix using 12mm size hard granite machine crushed graded metal for 50mm thick Platforms & Lofts	Reinforced Cement Concrete M 20 design mix using 12mm size hard granite machine crushed graded metal for 50mm thick Platforms & Lofts	402 & 403	750.00	ONE SQM	7500
99	10.00	Reinforced Cement Concrete M 20 design mix using 12mm size hard granite machine crushed graded metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry, using a minimum quantity of 320 kgs. of cement per 1 cum of concrete using WEIGH BATCHER / MIXER including cost and conveyance of all materials like cement, fine aggregate (Sand), coarse aggregate, water etc., to site including steel centering, shuttering, labour charges such as weigh batching, machine mixing, laying concrete, lift charges, curing etc., and overheads & contractors profit complete for finished item of work (APSS No. 402 & 403) for Platforms & Shelves 50mm thick Platforms & Lofts Fifth Floor :	Reinforced Cement Concrete M 20 design mix using 12mm size hard granite machine crushed graded metal for 50mm thick Platforms & Lofts	Reinforced Cement Concrete M 20 design mix using 12mm size hard granite machine crushed graded metal for 50mm thick Platforms & Lofts	402 & 403	780.00	ONE SQM	7800
100	79.00	Masonry work in CM (1:6) prop (cement: Screened sand) in super structure with Aerated (Cellular) Autoclaved Concrete Blocks conforming to IS:2185 (Part-3) - 1984 and IS:6441-1972 of Compressive strength 3 N/mm ² 600x 230 x 200 mm from approved source having minimum crushing strength of 3 N/Sq.m using Portland Pozzolana Cement (PPC) including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, including sales & other taxes on all materials, all operational, incidental and labour charges such as mixing cement mortar, constructing masonry, scaffolding charges, lift charges, curing, etc., complete but excluding seigniorage charges for finished item of work. (APSS No. 501 & 504) Stilt Floor	Masonry work in CM (1:6) prop (cement: Screened sand) in super structure with Aerated (Cellular) Autoclaved Concrete Blocks	Masonry work in CM (1:6) prop (cement: Screened sand) in super structure with Aerated (Cellular) Autoclaved Concrete Blocks	501 & 504	10497.00	ONE CUM	829263
101	142.00	Masonry work in CM (1:6) prop (cement: Screened sand) in super structure with Aerated (Cellular) Autoclaved Concrete Blocks conforming to IS:2185 (Part-3) - 1984 and IS:6441-1972 of Compressive strength 3 N/mm ² 600x 230 x 200 mm from approved source having minimum crushing strength of 3 N/Sq.m using Portland Pozzolana Cement (PPC) including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, including sales & other taxes on all materials, all operational, incidental and labour charges such as mixing cement mortar, constructing masonry, scaffolding charges, lift charges, curing, etc., complete but excluding seigniorage charges for finished item of work. (APSS No. 501 & 504) First Floor :	Masonry work in CM (1:6) prop (cement: Screened sand) in super structure with Aerated (Cellular) Autoclaved Concrete Blocks	Masonry work in CM (1:6) prop (cement: Screened sand) in super structure with Aerated (Cellular) Autoclaved Concrete Blocks	501 & 504	11134.00	ONE CUM	1581028
102	144.00	Masonry work in CM (1:6) prop (cement: Screened sand) in super structure with Aerated (Cellular) Autoclaved Concrete Blocks conforming to IS:2185 (Part-3) - 1984 and IS:6441-1972 of Compressive strength 3 N/mm ² 600x 230 x 200 mm from approved source having minimum crushing strength of 3 N/Sq.m using Portland Pozzolana Cement (PPC) including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, including sales & other taxes on all materials, all operational, incidental and labour charges such as mixing cement mortar, constructing masonry, scaffolding charges, lift charges, curing, etc., complete but excluding seigniorage charges for finished item of work. (APSS No. 501 & 504) Second Floor :	Masonry work in CM (1:6) prop (cement: Screened sand) in super structure with Aerated (Cellular) Autoclaved Concrete Blocks	Masonry work in CM (1:6) prop (cement: Screened sand) in super structure with Aerated (Cellular) Autoclaved Concrete Blocks	501 & 504	11770.00	ONE CUM	1694880

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
103	74.00	Masonry work in CM (1:6) prop (cement: Screened sand) in super structure with Aerated (Cellular) Autoclaved Concrete Blocks conforming to IS:2185 (Part-3) - 1984 and IS:6441-1972 of Compressive strength 3 N/mm ² 600x 230 x 200 mm from approved source having minimum crushing strength of 3 N/Sq.m using Portland Pozzolana Cement (PPC) including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, including sales & other taxes on all materials, all operational, incidental and labour charges such as mixing cement mortar, constructing masonry, scaffolding charges, lift charges, curing, etc., complete but excluding seigniorage charges for finished item of work. (APSS No. 501 & 504) Third Floor :	Masonry work in CM (1:6) prop (cement: Screened sand) in super structure with Aerated (Cellular) Autoclaved Concrete Blocks	Masonry work in CM (1:6) prop (cement: Screened sand) in super structure with Aerated (Cellular) Autoclaved Concrete Blocks	501 & 504	12407.00	ONE CUM	918118
104	79.00	Masonry work in CM (1:6) prop (cement: Screened sand) in super structure with Aerated (Cellular) Autoclaved Concrete Blocks conforming to IS:2185 (Part-3) - 1984 and IS:6441-1972 of Compressive strength 3 N/mm ² 600x 230 x 200 mm from approved source having minimum crushing strength of 3 N/Sq.m using Portland Pozzolana Cement (PPC) including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, including sales & other taxes on all materials, all operational, incidental and labour charges such as mixing cement mortar, constructing masonry, scaffolding charges, lift charges, curing, etc., complete but excluding seigniorage charges for finished item of work. (APSS No. 501 & 504) Fourth Floor :	Masonry work in CM (1:6) prop (cement: Screened sand) in super structure with Aerated (Cellular) Autoclaved Concrete Blocks	Masonry work in CM (1:6) prop (cement: Screened sand) in super structure with Aerated (Cellular) Autoclaved Concrete Blocks	501 & 504	13044.00	ONE CUM	1030476
105	78.00	Masonry work in CM (1:6) prop (cement: Screened sand) in super structure with Aerated (Cellular) Autoclaved Concrete Blocks conforming to IS:2185 (Part-3) - 1984 and IS:6441-1972 of Compressive strength 3 N/mm ² 600x 230 x 200 mm from approved source having minimum crushing strength of 3 N/Sq.m using Portland Pozzolana Cement (PPC) including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, including sales & other taxes on all materials, all operational, incidental and labour charges such as mixing cement mortar, constructing masonry, scaffolding charges, lift charges, curing, etc., complete but excluding seigniorage charges for finished item of work. (APSS No. 501 & 504) Fifth Floor :	Masonry work in CM (1:6) prop (cement: Screened sand) in super structure with Aerated (Cellular) Autoclaved Concrete Blocks	Masonry work in CM (1:6) prop (cement: Screened sand) in super structure with Aerated (Cellular) Autoclaved Concrete Blocks	501 & 504	13680.00	ONE CUM	1067040
106	129.00	Masonry work in CM (1:6) prop (cement: Screened sand) in super structure with Aerated (Cellular) Autoclaved Concrete Blocks conforming to IS:2185 (Part-3) - 1984 and IS:6441-1972 of Compressive strength 3 N/mm ² 600x 230 x 200 mm from approved source having minimum crushing strength of 3 N/Sq.m using Portland Pozzolana Cement (PPC) including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, including sales & other taxes on all materials, all operational, incidental and labour charges such as mixing cement mortar, constructing masonry, scaffolding charges, lift charges, curing, etc., complete but excluding seigniorage charges for finished item of work. (APSS No. 501 & 504) Terrace Floor :	Masonry work in CM (1:6) prop (cement: Screened sand) in super structure with Aerated (Cellular) Autoclaved Concrete Blocks	Masonry work in CM (1:6) prop (cement: Screened sand) in super structure with Aerated (Cellular) Autoclaved Concrete Blocks	501 & 504	14317.00	ONE CUM	1846893
107	60.50	Masonry work 150 mm thick in CM (1:4) prop (cement: Screened sand) in super structure with Aerated (Cellular) Autoclaved Concrete Blocks conforming to IS:2185 (Part-3) - 1984 and IS:6441-1972 of Compressive strength 3 N/mm ² 600x 200 x 150 mm from approved source having minimum crushing strength of 3 N/Sq.m using Portland Pozzolana Cement (PPC) including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, including sales & other taxes on all materials, all operational, incidental and labour charges such as mixing cement mortar, constructing masonry, scaffolding charges, lift charges, curing, etc., complete but excluding seigniorage charges for finished item of work. (APSS No. 501 & 504). Stilt Floor	Masonry work 150 mm thick in CM (1:4) prop (cement: Screened sand) in super structure with Aerated (Cellular) Autoclaved Concrete Blocks	Masonry work 150 mm thick in CM (1:4) prop (cement: Screened sand) in super structure with Aerated (Cellular) Autoclaved Concrete Blocks	501 & 504	7640.00	ONE CUM	462220

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
108	55.50	Masonry work 150 mm thick in CM (1:4) prop (cement: Screened sand) in super structure with Aerated (Cellular) Autoclaved Concrete Blocks conforming to IS:2185 (Part-3) - 1984 and IS:6441-1972 of Compressive strength 3 N/mm2 600x 200 x 150 mm from approved source having minimum crushing strength of 3 N/Sq.m using Portland Pozzolana Cement (PPC) including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, including sales & other taxes on all materials, all operational, incidental and labour charges such as mixing cement mortar, constructing masonry, scaffolding charges, lift charges, curing, etc., complete but excluding seigniorage charges for finished item of work. (APSS No. 501 & 504). First Floor :	Masonry work 150 mm thick in CM (1:4) prop (cement: Screened sand) in super structure with Aerated (Cellular) Autoclaved Concrete Blocks	Masonry work 150 mm thick in CM (1:4) prop (cement: Screened sand) in super structure with Aerated (Cellular) Autoclaved Concrete Blocks	501 & 504	8312.00	ONE CUM	461316
109	36.10	Masonry work 150 mm thick in CM (1:4) prop (cement: Screened sand) in super structure with Aerated (Cellular) Autoclaved Concrete Blocks conforming to IS:2185 (Part-3) - 1984 and IS:6441-1972 of Compressive strength 3 N/mm2 600x 200 x 150 mm from approved source having minimum crushing strength of 3 N/Sq.m using Portland Pozzolana Cement (PPC) including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, including sales & other taxes on all materials, all operational, incidental and labour charges such as mixing cement mortar, constructing masonry, scaffolding charges, lift charges, curing, etc., complete but excluding seigniorage charges for finished item of work. (APSS No. 501 & 504). Second Floor :	Masonry work 150 mm thick in CM (1:4) prop (cement: Screened sand) in super structure with Aerated (Cellular) Autoclaved Concrete Blocks	Masonry work 150 mm thick in CM (1:4) prop (cement: Screened sand) in super structure with Aerated (Cellular) Autoclaved Concrete Blocks	501 & 504	8984.00	ONE CUM	324322
110	24.40	Masonry work 150 mm thick in CM (1:4) prop (cement: Screened sand) in super structure with Aerated (Cellular) Autoclaved Concrete Blocks conforming to IS:2185 (Part-3) - 1984 and IS:6441-1972 of Compressive strength 3 N/mm2 600x 200 x 150 mm from approved source having minimum crushing strength of 3 N/Sq.m using Portland Pozzolana Cement (PPC) including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, including sales & other taxes on all materials, all operational, incidental and labour charges such as mixing cement mortar, constructing masonry, scaffolding charges, lift charges, curing, etc., complete but excluding seigniorage charges for finished item of work. (APSS No. 501 & 504). Third Floor :	Masonry work 150 mm thick in CM (1:4) prop (cement: Screened sand) in super structure with Aerated (Cellular) Autoclaved Concrete Blocks	Masonry work 150 mm thick in CM (1:4) prop (cement: Screened sand) in super structure with Aerated (Cellular) Autoclaved Concrete Blocks	501 & 504	9656.00	ONE CUM	235606
111	19.30	Masonry work 150 mm thick in CM (1:4) prop (cement: Screened sand) in super structure with Aerated (Cellular) Autoclaved Concrete Blocks conforming to IS:2185 (Part-3) - 1984 and IS:6441-1972 of Compressive strength 3 N/mm2 600x 200 x 150 mm from approved source having minimum crushing strength of 3 N/Sq.m using Portland Pozzolana Cement (PPC) including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, including sales & other taxes on all materials, all operational, incidental and labour charges such as mixing cement mortar, constructing masonry, scaffolding charges, lift charges, curing, etc., complete but excluding seigniorage charges for finished item of work. (APSS No. 501 & 504). Fourth Floor :	Masonry work 150 mm thick in CM (1:4) prop (cement: Screened sand) in super structure with Aerated (Cellular) Autoclaved Concrete Blocks	Masonry work 150 mm thick in CM (1:4) prop (cement: Screened sand) in super structure with Aerated (Cellular) Autoclaved Concrete Blocks	501 & 504	10328.00	ONE CUM	199330
112	19.30	Masonry work 150 mm thick in CM (1:4) prop (cement: Screened sand) in super structure with Aerated (Cellular) Autoclaved Concrete Blocks conforming to IS:2185 (Part-3) - 1984 and IS:6441-1972 of Compressive strength 3 N/mm2 600x 200 x 150 mm from approved source having minimum crushing strength of 3 N/Sq.m using Portland Pozzolana Cement (PPC) including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, including sales & other taxes on all materials, all operational, incidental and labour charges such as mixing cement mortar, constructing masonry, scaffolding charges, lift charges, curing, etc., complete but excluding seigniorage charges for finished item of work. (APSS No. 501 & 504). Fifth Floor :	Masonry work 150 mm thick in CM (1:4) prop (cement: Screened sand) in super structure with Aerated (Cellular) Autoclaved Concrete Blocks	Masonry work 150 mm thick in CM (1:4) prop (cement: Screened sand) in super structure with Aerated (Cellular) Autoclaved Concrete Blocks	501 & 504	11000.00	ONE CUM	212300
113	88.30	Masonry work in CM(1:6) prop (Cement : Screened sand) in superstructure with fly ash cement / lime solid blocks of size 290mm x 225mm x 140mm from approved source having minimum crushing strength of 50 Kg/Sqcm. using Portland Pozzolana Cement (PPC) including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, including sales & other taxes on all materials and such as labour charges, like mixing cement mortar, scaffolding charges, constructing masonry, lift charges, curing, overheads and contractor profit etc., complete for finished item of work. (APSS No. 501 & 504).	Masonry work in CM(1:6) prop (Cement : Screened sand) in superstructure with fly ash cement / lime solid blocks of size 290mm x 225mm x 140mm from approved source	Masonry work in CM(1:6) prop (Cement : Screened sand) in superstructure with fly ash cement / lime solid blocks of size 290mm x 225mm x 140mm from approved source	501 & 504	8736.00	ONE CUM	771389

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
114	9.00	Brick masonry for panel walls in superstructure with CM (1:6) prop: (Cement : Screened sand) using common burnt clay bricks of class as per Table- I of IS:1077-1992, Non- Modular or traditional size 23 x 11 x 7 cms from approved source having minimum crushing strength of 40 Kg/Sqcm. including cost and conveyance of all materials like cement, screened sand, bricks, water etc., to site, including sales & other taxes on all materials and such as labour charges, like mixing cement mortar, scaffolding charges, constructing masonry, lift charges, curing, etc.,and overheads & contractors profit complete for finished item of work. (APSS No. 501 & 504).	Brick masonry for panel walls in superstructure with CM (1:6) prop: (Cement : Screened sand) using common burnt clay bricks	Brick masonry for panel walls in superstructure with CM (1:6) prop: (Cement : Screened sand) using common burnt clay bricks	501 & 504	9241.00	ONE CUM	83169
115	2.50	Plain Cement Concrete M 20 nominal mix using Concrete Batching Plant, 20mm size hard granite machine crushed graded metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry, using a minimum quantity of 320 kgs. of cement per 1 cum of concrete including cost and conveyance of all materials like cement, fine aggregate (Sand), coarse aggregate, water etc., to site including steel centering, shuttering, machine mixing, lift charges, laying concrete,vibrating, curing, overheads & contractors profit etc., complete for finished item of work (APSS No. 402 & 403) for steps. Stilt Floor	Plain Cement Concrete M 20 nominal mix for Steps	Plain Cement Concrete M 20 nominal mix for Steps	402 & 403	8406.00	ONE CUM	21015
116	2.00	Plain Cement Concrete M 20 nominal mix using Concrete Batching Plant, 20mm size hard granite machine crushed graded metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry, using a minimum quantity of 320 kgs. of cement per 1 cum of concrete including cost and conveyance of all materials like cement, fine aggregate (Sand), coarse aggregate, water etc., to site including steel centering, shuttering, machine mixing, lift charges, laying concrete,vibrating, curing, overheads & contractors profit etc., complete for finished item of work (APSS No. 402 & 403) for steps. First Floor :	Plain Cement Concrete M 20 nominal mix for Steps	Plain Cement Concrete M 20 nominal mix for Steps	402 & 403	8740.00	ONE CUM	17480
117	2.00	Plain Cement Concrete M 20 nominal mix using Concrete Batching Plant, 20mm size hard granite machine crushed graded metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry, using a minimum quantity of 320 kgs. of cement per 1 cum of concrete including cost and conveyance of all materials like cement, fine aggregate (Sand), coarse aggregate, water etc., to site including steel centering, shuttering, machine mixing, lift charges, laying concrete,vibrating, curing, overheads & contractors profit etc., complete for finished item of work (APSS No. 402 & 403) for steps. Second Floor :	Plain Cement Concrete M 20 nominal mix for Steps	Plain Cement Concrete M 20 nominal mix for Steps	402 & 403	9075.00	ONE CUM	18150
118	1.00	Plain Cement Concrete M 20 nominal mix using Concrete Batching Plant, 20mm size hard granite machine crushed graded metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry, using a minimum quantity of 320 kgs. of cement per 1 cum of concrete including cost and conveyance of all materials like cement, fine aggregate (Sand), coarse aggregate, water etc., to site including steel centering, shuttering, machine mixing, lift charges, laying concrete,vibrating, curing, overheads & contractors profit etc., complete for finished item of work (APSS No. 402 & 403) for steps. Third Floor :	Plain Cement Concrete M 20 nominal mix for Steps	Plain Cement Concrete M 20 nominal mix for Steps	402 & 403	9410.00	ONE CUM	9410
119	1.00	Plain Cement Concrete M 20 nominal mix using Concrete Batching Plant, 20mm size hard granite machine crushed graded metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry, using a minimum quantity of 320 kgs. of cement per 1 cum of concrete including cost and conveyance of all materials like cement, fine aggregate (Sand), coarse aggregate, water etc., to site including steel centering, shuttering, machine mixing, lift charges, laying concrete,vibrating, curing, overheads & contractors profit etc., complete for finished item of work (APSS No. 402 & 403) for steps. Fourth Floor :	Plain Cement Concrete M 20 nominal mix for Steps	Plain Cement Concrete M 20 nominal mix for Steps	402 & 403	9744.00	ONE CUM	9744
120	1.00	Plain Cement Concrete M 20 nominal mix using Concrete Batching Plant, 20mm size hard granite machine crushed graded metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry, using a minimum quantity of 320 kgs. of cement per 1 cum of concrete including cost and conveyance of all materials like cement, fine aggregate (Sand), coarse aggregate, water etc., to site including steel centering, shuttering, machine mixing, lift charges, laying concrete,vibrating, curing, overheads & contractors profit etc., complete for finished item of work (APSS No. 402 & 403) for steps. Fifth Floor :	Plain Cement Concrete M 20 nominal mix for Steps	Plain Cement Concrete M 20 nominal mix for Steps	402 & 403	10079.00	ONE CUM	10079

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
121	2.10	Plain Cement Concrete (1:3:6) nominal mix using 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate(sand), coarse aggregate, water etc. to site, including sales & other taxes on all materials and including all charges for mixing, laying concrete in position, curing etc., & lift charges , and overheads & contractors profit for Bed Blocks & Hold Fast for finished item of work. (APSS No. 402) Stilt Floor	Plain Cement Concrete (1:3:6) nominal mix or Bed Blocks & Hold Fast	Plain Cement Concrete (1:3:6) nominal mix or Bed Blocks & Hold Fast	402	6865.00	ONE CUM	14417
122	4.00	Plain Cement Concrete (1:3:6) nominal mix using 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate(sand), coarse aggregate, water etc. to site, including sales & other taxes on all materials and including all charges for mixing, laying concrete in position, curing etc., & lift charges , and overheads & contractors profit for Bed Blocks & Hold Fast for finished item of work. (APSS No. 402) First Floor :	Plain Cement Concrete (1:3:6) nominal mix or Bed Blocks & Hold Fast	Plain Cement Concrete (1:3:6) nominal mix or Bed Blocks & Hold Fast	402	7051.00	ONE CUM	28204
123	3.00	Plain Cement Concrete (1:3:6) nominal mix using 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate(sand), coarse aggregate, water etc. to site, including sales & other taxes on all materials and including all charges for mixing, laying concrete in position, curing etc., & lift charges , and overheads & contractors profit for Bed Blocks & Hold Fast for finished item of work. (APSS No. 402) Second Floor :	Plain Cement Concrete (1:3:6) nominal mix or Bed Blocks & Hold Fast	Plain Cement Concrete (1:3:6) nominal mix or Bed Blocks & Hold Fast	402	7238.00	ONE CUM	21714
124	2.00	Plain Cement Concrete (1:3:6) nominal mix using 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate(sand), coarse aggregate, water etc. to site, including sales & other taxes on all materials and including all charges for mixing, laying concrete in position, curing etc., & lift charges , and overheads & contractors profit for Bed Blocks & Hold Fast for finished item of work. (APSS No. 402) Third Floor :	Plain Cement Concrete (1:3:6) nominal mix or Bed Blocks & Hold Fast	Plain Cement Concrete (1:3:6) nominal mix or Bed Blocks & Hold Fast	402	7424.00	ONE CUM	14848
125	2.00	Plain Cement Concrete (1:3:6) nominal mix using 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate(sand), coarse aggregate, water etc. to site, including sales & other taxes on all materials and including all charges for mixing, laying concrete in position, curing etc., & lift charges , and overheads & contractors profit for Bed Blocks & Hold Fast for finished item of work. (APSS No. 402) Fourth Floor :	Plain Cement Concrete (1:3:6) nominal mix or Bed Blocks & Hold Fast	Plain Cement Concrete (1:3:6) nominal mix or Bed Blocks & Hold Fast	402	7611.00	ONE CUM	15222
126	2.00	Plain Cement Concrete (1:3:6) nominal mix using 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate(sand), coarse aggregate, water etc. to site, including sales & other taxes on all materials and including all charges for mixing, laying concrete in position, curing etc., & lift charges , and overheads & contractors profit for Bed Blocks & Hold Fast for finished item of work. (APSS No. 402) Fifth Floor :	Plain Cement Concrete (1:3:6) nominal mix or Bed Blocks & Hold Fast	Plain Cement Concrete (1:3:6) nominal mix or Bed Blocks & Hold Fast	402	7797.00	ONE CUM	15594
127	1.00	Plain Cement Concrete (1:3:6) nominal mix using 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate(sand), coarse aggregate, water etc. to site, including sales & other taxes on all materials and including all charges for mixing, laying concrete in position, curing etc., & lift charges , and overheads & contractors profit for Bed Blocks & Hold Fast for finished item of work. (APSS No. 402) Terrace Floor :	Plain Cement Concrete (1:3:6) nominal mix or Bed Blocks & Hold Fast	Plain Cement Concrete (1:3:6) nominal mix or Bed Blocks & Hold Fast	402	7984.00	ONE CUM	7984

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
128	10.00	Reinforced cement concrete (1:5:10) proportion (Cement: fine aggregates: coarse aggregate) using 40mm size (SS5) hard granite metal (coarse aggregate) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand), coarse aggregate, water etc., to site including centering using Casurina Ballies , Bamboos , Wooden Reapers , Runners , Wood Posts , Wall Plates etc., shuttering, machine mixing, laying concrete, lifting concrete manually , curing etc., and overheads & contractors profit complete as per drawings but excluding cost of steel and it's fabrication charges for finished item of work (APSS NO. 402 & 403) for Dummy columns. Third Floor :	Reinforced cement concrete (1:5:10) proportion for Dummy columns.	Reinforced cement concrete (1:5:10) proportion for Dummy columns.	402 & 403	15361.00	ONE CUM	153610
129	10.00	Reinforced cement concrete (1:5:10) proportion (Cement: fine aggregates: coarse aggregate) using 40mm size (SS5) hard granite metal (coarse aggregate) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand), coarse aggregate, water etc., to site including centering using Casurina Ballies , Bamboos , Wooden Reapers , Runners , Wood Posts , Wall Plates etc., shuttering, machine mixing, laying concrete, lifting concrete manually , curing etc., and overheads & contractors profit complete as per drawings but excluding cost of steel and it's fabrication charges for finished item of work (APSS NO. 402 & 403) for Dummy columns. Terrace Floor :	Reinforced cement concrete (1:5:10) proportion for Dummy columns.	Reinforced cement concrete (1:5:10) proportion for Dummy columns.	402 & 403	16865.00	ONE CUM	168650
130	152.70	Design and execution of post tensioning work, including supplying, laying of HT tendon strands, decoiling, the strands, cutting to the required lengths, laying of HT strands in sheathing (GI corrugated ducts 0.3mm thick) jointing with couplers and inserting the strands, profiling, fixing live end anchorages, making dead end anchorages, including flowering the strands, fixing tendon support bars, supervising the fixing of antibursting reinforcement, stressing the cables using hydraulic jack, end trimming, grouting the cables, with cement slurry, mixed with admixtures with required tools, plants, and machineries, and consumables etc., including all leads, lifts, coordination, with the posttensioning agency, preparation of drawings, obtaining approval from the Engineer-in-Charge with supply of approved grade tendons but excluding the cost of concrete, reinforcement steel, shuttering, anchors, sheathing duct etc.,including sales and other taxes on all materials etc. ,and overheads & contractors profit complete for finished item of work For all Floors	Design and execution of post tensioning work	Design and execution of post tensioning work	As directed By Engineer In Charge	28322.4	ONE MT	4324834
131	224.00	Providing Thermo Mechanically Treated (TMT) (Fe -500/500D/550D from Primary producer TATA, SAIL, VSP & JSW Steel etc as per IS 1786-2008) of different diameters for RCC works as approved by Engineer-in-charge , including labour charges for straightening, cutting, bending to required sizes and shapes, placing in position with cover blocks of approved materials and size and tying and lap-splicing with binding wire of 18 SWG, forming grills for reinforcement work as per approved designs and drawings, including cost and conveyance of steel bars, including all wastages such as overlaps, couplings, chairs, spacer bars including cost and conveyance of binding wire, cover blocks and all incidental, operational, labour charges such as cutting, bending, placing in position, tying including sales and other taxes on all materials etc. ,and overheads & contractors profit complete for finished item of work. (APSS No.126). Stilt Floor	Providing Thermo Mechanically Treated (TMT) (Fe -500/500D/550D from Primary producer TATA, SAIL, VSP & JSW Steel etc as per IS 1786-2008) of different diameters for RCC works	Providing Thermo Mechanically Treated (TMT) (Fe -500/500D/550D from Primary producer TATA, SAIL, VSP & JSW Steel etc as per IS 1786-2008) of different diameters for RCC works	126	93582.00	ONE MT	20962368
132	59.00	Providing Thermo Mechanically Treated (TMT) (Fe -500/500D/550D from Primary producer TATA, SAIL, VSP & JSW Steel etc as per IS 1786-2008) of different diameters for RCC works as approved by Engineer-in-charge , including labour charges for straightening, cutting, bending to required sizes and shapes, placing in position with cover blocks of approved materials and size and tying and lap-splicing with binding wire of 18 SWG, forming grills for reinforcement work as per approved designs and drawings, including cost and conveyance of steel bars, including all wastages such as overlaps, couplings, chairs, spacer bars including cost and conveyance of binding wire, cover blocks and all incidental, operational, labour charges such as cutting, bending, placing in position, tying including sales and other taxes on all materials etc. ,and overheads & contractors profit complete for finished item of work. (APSS No.126). First Floor :	Providing Thermo Mechanically Treated (TMT) (Fe -500/500D/550D from Primary producer TATA, SAIL, VSP & JSW Steel etc as per IS 1786-2008) of different diameters for RCC works	Providing Thermo Mechanically Treated (TMT) (Fe -500/500D/550D from Primary producer TATA, SAIL, VSP & JSW Steel etc as per IS 1786-2008) of different diameters for RCC works	126	95377.00	ONE MT	5627243

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
133	59.00	Providing Thermo Mechanically Treated (TMT) (Fe -500/500D/550D from Primary producer TATA, SAIL, VSP & JSW Steel etc as per IS 1786-2008) of different diameters for RCC works as approved by Engineer-in-charge , including labour charges for straightening, cutting, bending to required sizes and shapes, placing in position with cover blocks of approved materials and size and tying and lap-splicing with binding wire of 18 SWG, forming grills for reinforcement work as per approved designs and drawings, including cost and conveyance of steel bars, including all wastages such as overlaps, couplings, chairs, spacer bars including cost and conveyance of binding wire, cover blocks and all incidental, operational, labour charges such as cutting, bending, placing in position, tying including sales and other taxes on all materials etc. ,and overheads & contractors profit complete for finished item of work. (APSS No.126). Second Floor :	Providing Thermo Mechanically Treated (TMT) (Fe -500/500D/550D from Primary producer TATA, SAIL, VSP & JSW Steel etc as per IS 1786-2008) of different diameters for RCC works	Providing Thermo Mechanically Treated (TMT) (Fe -500/500D/550D from Primary producer TATA, SAIL, VSP & JSW Steel etc as per IS 1786-2008) of different diameters for RCC works	126	97171.00	ONE MT	5733089
134	43.00	Providing Thermo Mechanically Treated (TMT) (Fe -500/500D/550D from Primary producer TATA, SAIL, VSP & JSW Steel etc as per IS 1786-2008) of different diameters for RCC works as approved by Engineer-in-charge , including labour charges for straightening, cutting, bending to required sizes and shapes, placing in position with cover blocks of approved materials and size and tying and lap-splicing with binding wire of 18 SWG, forming grills for reinforcement work as per approved designs and drawings, including cost and conveyance of steel bars, including all wastages such as overlaps, couplings, chairs, spacer bars including cost and conveyance of binding wire, cover blocks and all incidental, operational, labour charges such as cutting, bending, placing in position, tying including sales and other taxes on all materials etc. ,and overheads & contractors profit complete for finished item of work. (APSS No.126). Third Floor :	Providing Thermo Mechanically Treated (TMT) (Fe -500/500D/550D from Primary producer TATA, SAIL, VSP & JSW Steel etc as per IS 1786-2008) of different diameters for RCC works	Providing Thermo Mechanically Treated (TMT) (Fe -500/500D/550D from Primary producer TATA, SAIL, VSP & JSW Steel etc as per IS 1786-2008) of different diameters for RCC works	126	98965.00	ONE MT	4255495
135	33.00	Providing Thermo Mechanically Treated (TMT) (Fe -500/500D/550D from Primary producer TATA, SAIL, VSP & JSW Steel etc as per IS 1786-2008) of different diameters for RCC works as approved by Engineer-in-charge , including labour charges for straightening, cutting, bending to required sizes and shapes, placing in position with cover blocks of approved materials and size and tying and lap-splicing with binding wire of 18 SWG, forming grills for reinforcement work as per approved designs and drawings, including cost and conveyance of steel bars, including all wastages such as overlaps, couplings, chairs, spacer bars including cost and conveyance of binding wire, cover blocks and all incidental, operational, labour charges such as cutting, bending, placing in position, tying including sales and other taxes on all materials etc. ,and overheads & contractors profit complete for finished item of work. (APSS No.126). Fourth Floor :	Providing Thermo Mechanically Treated (TMT) (Fe -500/500D/550D from Primary producer TATA, SAIL, VSP & JSW Steel etc as per IS 1786-2008) of different diameters for RCC works	Providing Thermo Mechanically Treated (TMT) (Fe -500/500D/550D from Primary producer TATA, SAIL, VSP & JSW Steel etc as per IS 1786-2008) of different diameters for RCC works	126	100759.0	ONE MT	3325047
136	33.00	Providing Thermo Mechanically Treated (TMT) (Fe -500/500D/550D from Primary producer TATA, SAIL, VSP & JSW Steel etc as per IS 1786-2008) of different diameters for RCC works as approved by Engineer-in-charge , including labour charges for straightening, cutting, bending to required sizes and shapes, placing in position with cover blocks of approved materials and size and tying and lap-splicing with binding wire of 18 SWG, forming grills for reinforcement work as per approved designs and drawings, including cost and conveyance of steel bars, including all wastages such as overlaps, couplings, chairs, spacer bars including cost and conveyance of binding wire, cover blocks and all incidental, operational, labour charges such as cutting, bending, placing in position, tying including sales and other taxes on all materials etc. ,and overheads & contractors profit complete for finished item of work. (APSS No.126). Fifth Floor :	Providing Thermo Mechanically Treated (TMT) (Fe -500/500D/550D from Primary producer TATA, SAIL, VSP & JSW Steel etc as per IS 1786-2008) of different diameters for RCC works	Providing Thermo Mechanically Treated (TMT) (Fe -500/500D/550D from Primary producer TATA, SAIL, VSP & JSW Steel etc as per IS 1786-2008) of different diameters for RCC works	126	102553.0	ONE MT	3384249

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
137	14.00	Providing Thermo Mechanically Treated (TMT) (Fe -500/500D/550D from Primary producer TATA, SAIL, VSP & JSW Steel etc as per IS 1786-2008) of different diameters for RCC works as approved by Engineer-in-charge , including labour charges for straightening, cutting, bending to required sizes and shapes, placing in position with cover blocks of approved materials and size and tying and lap-splicing with binding wire of 18 SWG, forming grills for reinforcement work as per approved designs and drawings, including cost and conveyance of steel bars, including all wastages such as overlaps, couplings, chairs, spacer bars including cost and conveyance of binding wire, cover blocks and all incidental, operational, labour charges such as cutting, bending, placing in position, tying including sales and other taxes on all materials etc. ,and overheads & contractors profit complete for finished item of work. (APSS No.126). Terrace Floor :	Providing Thermo Mechanically Treated (TMT) (Fe -500/500D/550D from Primary producer TATA, SAIL, VSP & JSW Steel etc as per IS 1786-2008) of different diameters for RCC works	Providing Thermo Mechanically Treated (TMT) (Fe -500/500D/550D from Primary producer TATA, SAIL, VSP & JSW Steel etc as per IS 1786-2008) of different diameters for RCC works	126	104348.0	ONE MT	1460872
138	0.95	Providing Mild steel (MS) steel bars (Fe 250 grade as per IS 432) of different diameters including labour charges for straightening, cutting, bending to required sizes and shapes, placing in position with cover blocks of approved materials and size and tying and lap-splicing with binding wire of 18 SWG, forming grills for reinforcement work as per approved designs and drawings, including cost and conveyance of steel bars, including all wastages such as overlaps, couplings, chairs, spacer bars including cost and conveyance of binding wire, cover blocks and all incidental, operational, labour charges such as cutting, bending, placing in position, tying including sales and other taxes on all materials etc. ,and overheads & contractors profit complete for finished item of work.(APSS No.126) Stilt Floor	Providing Mild steel (MS) steel bars (Fe 250 grade as per IS 432) of different diameters	Providing Mild steel (MS) steel bars (Fe 250 grade as per IS 432) of different diameters	126	93582.00	ONE MT	88903
139	0.80	Providing Mild steel (MS) steel bars (Fe 250 grade as per IS 432) of different diameters including labour charges for straightening, cutting, bending to required sizes and shapes, placing in position with cover blocks of approved materials and size and tying and lap-splicing with binding wire of 18 SWG, forming grills for reinforcement work as per approved designs and drawings, including cost and conveyance of steel bars, including all wastages such as overlaps, couplings, chairs, spacer bars including cost and conveyance of binding wire, cover blocks and all incidental, operational, labour charges such as cutting, bending, placing in position, tying including sales and other taxes on all materials etc. ,and overheads & contractors profit complete for finished item of work.(APSS No.126) First Floor :	Providing Mild steel (MS) steel bars (Fe 250 grade as per IS 432) of different diameters	Providing Mild steel (MS) steel bars (Fe 250 grade as per IS 432) of different diameters	126	95377.00	ONE MT	76302
140	0.60	Providing Mild steel (MS) steel bars (Fe 250 grade as per IS 432) of different diameters including labour charges for straightening, cutting, bending to required sizes and shapes, placing in position with cover blocks of approved materials and size and tying and lap-splicing with binding wire of 18 SWG, forming grills for reinforcement work as per approved designs and drawings, including cost and conveyance of steel bars, including all wastages such as overlaps, couplings, chairs, spacer bars including cost and conveyance of binding wire, cover blocks and all incidental, operational, labour charges such as cutting, bending, placing in position, tying including sales and other taxes on all materials etc. ,and overheads & contractors profit complete for finished item of work.(APSS No.126) Second Floor :	Providing Mild steel (MS) steel bars (Fe 250 grade as per IS 432) of different diameters	Providing Mild steel (MS) steel bars (Fe 250 grade as per IS 432) of different diameters	126	97171.00	ONE MT	58303
141	0.40	Providing Mild steel (MS) steel bars (Fe 250 grade as per IS 432) of different diameters including labour charges for straightening, cutting, bending to required sizes and shapes, placing in position with cover blocks of approved materials and size and tying and lap-splicing with binding wire of 18 SWG, forming grills for reinforcement work as per approved designs and drawings, including cost and conveyance of steel bars, including all wastages such as overlaps, couplings, chairs, spacer bars including cost and conveyance of binding wire, cover blocks and all incidental, operational, labour charges such as cutting, bending, placing in position, tying including sales and other taxes on all materials etc. ,and overheads & contractors profit complete for finished item of work.(APSS No.126) Third Floor :	Providing Mild steel (MS) steel bars (Fe 250 grade as per IS 432) of different diameters	Providing Mild steel (MS) steel bars (Fe 250 grade as per IS 432) of different diameters	126	98965.00	ONE MT	39586

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
142	0.30	Providing Mild steel (MS) steel bars (Fe 250 grade as per IS 432) of different diameters including labour charges for straightening, cutting, bending to required sizes and shapes, placing in position with cover blocks of approved materials and size and tying and lap-splicing with binding wire of 18 SWG, forming grills for reinforcement work as per approved designs and drawings, including cost and conveyance of steel bars, including all wastages such as overlaps, couplings, chairs, spacer bars including cost and conveyance of binding wire, cover blocks and all incidental, operational, labour charges such as cutting, bending, placing in position, tying including sales and other taxes on all materials etc. ,and overheads & contractors profit complete for finished item of work.(APSS No.126) Fourth Floor :	Providing Mild steel (MS) steel bars (Fe 250 grade as per IS 432) of different diameters	Providing Mild steel (MS) steel bars (Fe 250 grade as per IS 432) of different diameters	126	100759.0	ONE MT	30228
143	0.30	Providing Mild steel (MS) steel bars (Fe 250 grade as per IS 432) of different diameters including labour charges for straightening, cutting, bending to required sizes and shapes, placing in position with cover blocks of approved materials and size and tying and lap-splicing with binding wire of 18 SWG, forming grills for reinforcement work as per approved designs and drawings, including cost and conveyance of steel bars, including all wastages such as overlaps, couplings, chairs, spacer bars including cost and conveyance of binding wire, cover blocks and all incidental, operational, labour charges such as cutting, bending, placing in position, tying including sales and other taxes on all materials etc. ,and overheads & contractors profit complete for finished item of work.(APSS No.126) Fifth Floor :	Providing Mild steel (MS) steel bars (Fe 250 grade as per IS 432) of different diameters	Providing Mild steel (MS) steel bars (Fe 250 grade as per IS 432) of different diameters	126	102553.0	ONE MT	30766
144	2662.00	Ornamental ceiling plastering 12mm thick in two coats using screened sand with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) with dubara sponge finishing including cost and conveyance of all materials like cement, sand, water etc., to site, including sales & other taxes on all materials, and all operational, incidental charges on materials and including cost of all labour charges for mixing mortar, finishing, scaffolding, lift charges, curing, including cutting grooves as directed by Engineer-in- harge etc., and overheads & contractors profit complete for finished item of work.(SS 901,903 & 904) Stilt Floor	Ornamental ceiling plastering 12mm thick in two coats using screened sand with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4)	Ornamental ceiling plastering 12mm thick in two coats using screened sand with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4)	901,903 & 904	616.00	ONE SQM	1639792
145	1712.00	Plastering 12mm thick in two coats using screened sand with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) with dubara sponge finishing including cost and conveyance of all materials like cement, sand, water etc., to site, including sales & other taxes excelding GST on all materials, and all operational, incidental charges on materials and including cost of all labour charges for mixing mortar, finishing, scaffolding, lift charges, curing, including cutting grooves as directed by Engineer-in-charge etc., and overheads & contractors profit complete for finished item of work for internal walls (SS 901,903 & 904). (SS 901,903 & 904). Stilt Floor	Plastering 12mm thick in two coats using screened sand with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) for Intenal Walls	Plastering 12mm thick in two coats using screened sand with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) for Intenal Walls	901,903 & 904	599.00	ONE SQM	1025488
146	1266.00	Plastering 12mm thick in two coats using screened sand with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) with dubara sponge finishing including cost and conveyance of all materials like cement, sand, water etc., to site, including sales & other taxes excelding GST on all materials, and all operational, incidental charges on materials and including cost of all labour charges for mixing mortar, finishing, scaffolding, lift charges, curing, including cutting grooves as directed by Engineer-in-charge etc., and overheads & contractors profit complete for finished item of work for internal walls (SS 901,903 & 904). (SS 901,903 & 904). First Floor :	Plastering 12mm thick in two coats using screened sand with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) for Intenal Walls	Plastering 12mm thick in two coats using screened sand with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) for Intenal Walls	901,903 & 904	656.00	ONE SQM	830496
147	1437.00	Plastering 12mm thick in two coats using screened sand with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) with dubara sponge finishing including cost and conveyance of all materials like cement, sand, water etc., to site, including sales & other taxes excelding GST on all materials, and all operational, incidental charges on materials and including cost of all labour charges for mixing mortar, finishing, scaffolding, lift charges, curing, including cutting grooves as directed by Engineer-in-charge etc., and overheads & contractors profit complete for finished item of work for internal walls (SS 901,903 & 904). (SS 901,903 & 904). Second Floor :	Plastering 12mm thick in two coats using screened sand with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) for Intenal Walls	Plastering 12mm thick in two coats using screened sand with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) for Intenal Walls	901,903 & 904	714.00	ONE SQM	1026018

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
148	521.00	Plastering 12mm thick in two coats using screened sand with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) with dubara sponge finishing including cost and conveyance of all materials like cement, sand, water etc., to site, including sales & other taxes excluding GST on all materials, and all operational, incidental charges on materials and including cost of all labour charges for mixing mortar, finishing, scaffolding, lift charges, curing, including cutting grooves as directed by Engineer-in-charge etc., and overheads & contractors profit complete for finished item of work for internal walls (SS 901,903 & 904). (SS 901,903 & 904). Third Floor :	Plastering 12mm thick in two coats using screened sand with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) for Internal Walls	Plastering 12mm thick in two coats using screened sand with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) for Internal Walls	901,903 & 904	771.00	ONE SQM	401691
149	886.00	Plastering 12mm thick in two coats using screened sand with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) with dubara sponge finishing including cost and conveyance of all materials like cement, sand, water etc., to site, including sales & other taxes excluding GST on all materials, and all operational, incidental charges on materials and including cost of all labour charges for mixing mortar, finishing, scaffolding, lift charges, curing, including cutting grooves as directed by Engineer-in-charge etc., and overheads & contractors profit complete for finished item of work for internal walls (SS 901,903 & 904). (SS 901,903 & 904). Fourth Floor :	Plastering 12mm thick in two coats using screened sand with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) for Internal Walls	Plastering 12mm thick in two coats using screened sand with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) for Internal Walls	901,903 & 904	829.00	ONE SQM	734494
150	886.00	Plastering 12mm thick in two coats using screened sand with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) with dubara sponge finishing including cost and conveyance of all materials like cement, sand, water etc., to site, including sales & other taxes excluding GST on all materials, and all operational, incidental charges on materials and including cost of all labour charges for mixing mortar, finishing, scaffolding, lift charges, curing, including cutting grooves as directed by Engineer-in-charge etc., and overheads & contractors profit complete for finished item of work for internal walls (SS 901,903 & 904). (SS 901,903 & 904). Fifth Floor :	Plastering 12mm thick in two coats using screened sand with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) for Internal Walls	Plastering 12mm thick in two coats using screened sand with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) for Internal Walls	901,903 & 904	886.00	ONE SQM	784996
151	229.00	Plastering 12mm thick in two coats using screened sand with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) with dubara sponge finishing including cost and conveyance of all materials like cement, sand, water etc., to site, including sales & other taxes excluding GST on all materials, and all operational, incidental charges on materials and including cost of all labour charges for mixing mortar, finishing, scaffolding, lift charges, curing, including cutting grooves as directed by Engineer-in-charge etc., and overheads & contractors profit complete for finished item of work for internal walls (SS 901,903 & 904). (SS 901,903 & 904). Terrace Floor :	Plastering 12mm thick in two coats using screened sand with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) for Internal Walls	Plastering 12mm thick in two coats using screened sand with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) for Internal Walls	901,903 & 904	944.00	ONE SQM	216176
152	660.00	Plastering 12mm thick in two coats using screened sand with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) with dubara sponge finishing including cost and conveyance of all materials like cement, sand, water etc., to site, including sales & other taxes excluding GST on all materials, and all operational, incidental charges on materials and including cost of all labour charges for mixing mortar, finishing, scaffolding, lift charges, curing, including cutting grooves as directed by Engineer-in-charge etc., and overheads & contractors profit complete for finished item of work for external walls. (SS 901,903 & 904). Stilt Floor	Plastering 12mm thick in two coats using screened sand with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) for External Walls	Plastering 12mm thick in two coats using screened sand with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) for External Walls	901,903 & 904	599.00	ONE SQM	395340
153	558.00	Plastering 12mm thick in two coats using screened sand with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) with dubara sponge finishing including cost and conveyance of all materials like cement, sand, water etc., to site, including sales & other taxes excluding GST on all materials, and all operational, incidental charges on materials and including cost of all labour charges for mixing mortar, finishing, scaffolding, lift charges, curing, including cutting grooves as directed by Engineer-in-charge etc., and overheads & contractors profit complete for finished item of work for external walls. (SS 901,903 & 904). First Floor :	Plastering 12mm thick in two coats using screened sand with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) for External Walls	Plastering 12mm thick in two coats using screened sand with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) for External Walls	901,903 & 904	656.00	ONE SQM	366048

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
154	576.00	Plastering 12mm thick in two coats using screened sand with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) with dubara sponge finishing including cost and conveyance of all materials like cement, sand, water etc., to site, including sales & other taxes excluding GST on all materials, and all operational, incidental charges on materials and including cost of all labour charges for mixing mortar, finishing, scaffolding, lift charges, curing, including cutting grooves as directed by Engineer-in-charge etc., and overheads & contractors profit complete for finished item of work for external walls. (SS 901,903 & 904). Second Floor :	Plastering 12mm thick in two coats using screened sand with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) for External Walls	Plastering 12mm thick in two coats using screened sand with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) for External Walls	901,903 & 904	714.00	ONE SQM	411264
155	301.00	Plastering 12mm thick in two coats using screened sand with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) with dubara sponge finishing including cost and conveyance of all materials like cement, sand, water etc., to site, including sales & other taxes excluding GST on all materials, and all operational, incidental charges on materials and including cost of all labour charges for mixing mortar, finishing, scaffolding, lift charges, curing, including cutting grooves as directed by Engineer-in-charge etc., and overheads & contractors profit complete for finished item of work for external walls. (SS 901,903 & 904). Third Floor :	Plastering 12mm thick in two coats using screened sand with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) for External Walls	Plastering 12mm thick in two coats using screened sand with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) for External Walls	901,903 & 904	771.00	ONE SQM	232071
156	303.00	Plastering 12mm thick in two coats using screened sand with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) with dubara sponge finishing including cost and conveyance of all materials like cement, sand, water etc., to site, including sales & other taxes excluding GST on all materials, and all operational, incidental charges on materials and including cost of all labour charges for mixing mortar, finishing, scaffolding, lift charges, curing, including cutting grooves as directed by Engineer-in-charge etc., and overheads & contractors profit complete for finished item of work for external walls. (SS 901,903 & 904). Fourth Floor :	Plastering 12mm thick in two coats using screened sand with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) for External Walls	Plastering 12mm thick in two coats using screened sand with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) for External Walls	901,903 & 904	829.00	ONE SQM	251187
157	290.00	Plastering 12mm thick in two coats using screened sand with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) with dubara sponge finishing including cost and conveyance of all materials like cement, sand, water etc., to site, including sales & other taxes excluding GST on all materials, and all operational, incidental charges on materials and including cost of all labour charges for mixing mortar, finishing, scaffolding, lift charges, curing, including cutting grooves as directed by Engineer-in-charge etc., and overheads & contractors profit complete for finished item of work for external walls. (SS 901,903 & 904). Fifth Floor :	Plastering 12mm thick in two coats using screened sand with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) for External Walls	Plastering 12mm thick in two coats using screened sand with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) for External Walls	901,903 & 904	886.00	ONE SQM	256940
158	985.00	Plastering 12mm thick in two coats using screened sand with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) with dubara sponge finishing including cost and conveyance of all materials like cement, sand, water etc., to site, including sales & other taxes excluding GST on all materials, and all operational, incidental charges on materials and including cost of all labour charges for mixing mortar, finishing, scaffolding, lift charges, curing, including cutting grooves as directed by Engineer-in-charge etc., and overheads & contractors profit complete for finished item of work for external walls. (SS 901,903 & 904). Terrace Floor :	Plastering 12mm thick in two coats using screened sand with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) for External Walls	Plastering 12mm thick in two coats using screened sand with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) for External Walls	901,903 & 904	944.00	ONE SQM	929840
159	58.00	Plastering 12mm thick single coat in CM(1:5) using screened sand including cost and conveyance of all materials like cement, sand, water etc., to site, including sales & other taxes on all materials, and all operational, incidental charges on materials and including cost of all labour charges for mixing mortar, finishing, curing as directed by Engineer-in-charge etc., and overheads & contractors profit complete for finished item of work.(SS 901,903 & 904)	Plastering 12mm thick single coat in CM(1:5) using screened sand	Plastering 12mm thick single coat in CM(1:5) using screened sand	901,903 & 904	222.00	ONE SQM	12876
160	889.00	Plastering 20mm thick single coat in CM(1:5) using screened sand including cost and conveyance of all materials like cement, sand, water etc., to site, including sales & other taxes on all materials, and all operational, incidental charges on materials and including cost of all labour charges for mixing mortar, finishing, curing as directed by Engineer-in-charge etc., and overheads & contractors profit complete for finished item of work .(SS 901,903 & 904)	Plastering 20mm thick single coat in CM(1:5) using screened sand	Plastering 20mm thick single coat in CM(1:5) using screened sand	901,903 & 904	330.00	ONE SQM	293370

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
161	95.00	Providing impervious coat to exposed RCC roof slab surfaces to required slopes with CM (1:3) prop. using screened sand 20mm thick (average) mixed with integral cement water proofing liquid confirming to IS: 2645-2003 manufactured by reputed manufacturers as approved by Engineer-in-charge at 1 Kg per one bag of cement, laid over roof slab when it is green, finished smooth with a floating coat of neat cement and thread lining at regular intervals of 45cmx45cm including cost and conveyance of all materials like cement, sand, water proofing compound, water etc., to site, including sales & other taxes on all materials and operational, incidental, and labour charges for mixing mortar, laying, lift charges, rendering smooth and thread lining, curing including rounding off junctions of wall and slab etc., and overheads & contractors profit complete for finished item of work. (APSS No. 901 & 903). Stilt Floor	Providing impervious coat to exposed RCC roof slab surfaces to required slopes with CM (1:3) prop. using screened sand 20mm thick (average) mixed with integral cement water proofing liquid	Providing impervious coat to exposed RCC roof slab surfaces to required slopes with CM (1:3) prop. using screened sand 20mm thick (average) mixed with integral cement water proofing liquid	901 & 903	639.00	ONE SQM	60705
162	515.00	Providing impervious coat to exposed RCC roof slab surfaces to required slopes with CM (1:3) prop. using screened sand 20mm thick (average) mixed with integral cement water proofing liquid confirming to IS: 2645-2003 manufactured by reputed manufacturers as approved by Engineer-in-charge at 1 Kg per one bag of cement, laid over roof slab when it is green, finished smooth with a floating coat of neat cement and thread lining at regular intervals of 45cmx45cm including cost and conveyance of all materials like cement, sand, water proofing compound, water etc., to site, including sales & other taxes on all materials and operational, incidental, and labour charges for mixing mortar, laying, lift charges, rendering smooth and thread lining, curing including rounding off junctions of wall and slab etc., and overheads & contractors profit complete for finished item of work. (APSS No. 901 & 903). Third Floor :	Providing impervious coat to exposed RCC roof slab surfaces to required slopes with CM (1:3) prop. using screened sand 20mm thick (average) mixed with integral cement water proofing liquid	Providing impervious coat to exposed RCC roof slab surfaces to required slopes with CM (1:3) prop. using screened sand 20mm thick (average) mixed with integral cement water proofing liquid	901 & 903	790.00	ONE SQM	406850
163	638.00	Providing impervious coat to exposed RCC roof slab surfaces to required slopes with CM (1:3) prop. using screened sand 20mm thick (average) mixed with integral cement water proofing liquid confirming to IS: 2645-2003 manufactured by reputed manufacturers as approved by Engineer-in-charge at 1 Kg per one bag of cement, laid over roof slab when it is green, finished smooth with a floating coat of neat cement and thread lining at regular intervals of 45cmx45cm including cost and conveyance of all materials like cement, sand, water proofing compound, water etc., to site, including sales & other taxes on all materials and operational, incidental, and labour charges for mixing mortar, laying, lift charges, rendering smooth and thread lining, curing including rounding off junctions of wall and slab etc., and overheads & contractors profit complete for finished item of work. (APSS No. 901 & 903). Terrace Floor :	Providing impervious coat to exposed RCC roof slab surfaces to required slopes with CM (1:3) prop. using screened sand 20mm thick (average) mixed with integral cement water proofing liquid	Providing impervious coat to exposed RCC roof slab surfaces to required slopes with CM (1:3) prop. using screened sand 20mm thick (average) mixed with integral cement water proofing liquid	901 & 903	940.00	ONE SQM	599720
164	267.00	Providing impervious coat to exposed RCC Top slab surfaces of sump, sump side wall, sump bottom slab, in side of septic tank, in watertank etc. to required slopes with CM (1:3) prop. using screened sand 12mm thick mixed with integral cement water proofing liquid confirming to IS: 2645-2003 manufactured by reputed manufacturers as approved by Engineer-in-charge at 1 Kg per one bag of cement, laid over roof slab when it is green, finished smooth with a floating coat of neat cement and thread lining at regular intervals of 45cmx45cm where ever necessary including cost and conveyance of all materials like cement, sand, water proofing compound, water etc., to site, including sales & other taxes on all materials and operational, incidental, and labour charges for mixing mortar, laying, lift charges, rendering smooth and thread lining, curing including rounding off junctions of wall and slab etc., and overheads & contractors profit complete for finished item of work. (APSS No. 901 & 903). Stilt Floor	Providing impervious coat to exposed RCC Top slab surfaces of sump, sump side wall, sump bottom slab, in side of septic tank, in watertank etc. to required slopes with CM (1:3) prop.	Providing impervious coat to exposed RCC Top slab surfaces of sump, sump side wall, sump bottom slab, in side of septic tank, in watertank etc. to required slopes with CM (1:3) prop.	901 & 903	231.00	ONE SQM	61677

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
165	177.00	Providing impervious coat to exposed RCC Top slab surfaces of sump, sump side wall, sump bottom slab, in side of septic tank, in watertank etc. to required slopes with CM (1:3) prop. using screened sand 12mm thick mixed with integral cement water proofing liquid confirming to IS: 2645-2003 manufactured by reputed manufacturers as approved by Engineer-in-charge at 1 Kg per one bag of cement, laid over roof slab when it is green, finished smooth with a floating coat of neat cement and thread lining at regular intervals of 45cmx45cm where ever necessary including cost and conveyance of all materials like cement, sand, water proofing compound, water etc., to site, including sales & other taxes on all materials and operational, incidental, and labour charges for mixing mortar, laying, lift charges, rendering smooth and thread lining, curing including rounding off junctions of wall and slab etc., and overheads & contractors profit complete for finished item of work. (APSS No. 901 & 903). Third Floor :	Providing impervious coat to exposed RCC Top slab surfaces of sump, sump side wall, sump bottom slab, in side of septic tank, in watertank etc. to required slopes with CM (1:3) prop.	Providing impervious coat to exposed RCC Top slab surfaces of sump, sump side wall, sump bottom slab, in side of septic tank, in watertank etc. to required slopes with CM (1:3) prop.	901 & 903	271.00	ONE SQM	47967
166	85.00	Providing impervious coat to exposed RCC Top slab surfaces of sump, sump side wall, sump bottom slab, in side of septic tank, in watertank etc. to required slopes with CM (1:3) prop. using screened sand 12mm thick mixed with integral cement water proofing liquid confirming to IS: 2645-2003 manufactured by reputed manufacturers as approved by Engineer-in-charge at 1 Kg per one bag of cement, laid over roof slab when it is green, finished smooth with a floating coat of neat cement and thread lining at regular intervals of 45cmx45cm where ever necessary including cost and conveyance of all materials like cement, sand, water proofing compound, water etc., to site, including sales & other taxes on all materials and operational, incidental, and labour charges for mixing mortar, laying, lift charges, rendering smooth and thread lining, curing including rounding off junctions of wall and slab etc., and overheads & contractors profit complete for finished item of work. (APSS No. 901 & 903). Terrace Floor :	Providing impervious coat to exposed RCC Top slab surfaces of sump, sump side wall, sump bottom slab, in side of septic tank, in watertank etc. to required slopes with CM (1:3) prop.	Providing impervious coat to exposed RCC Top slab surfaces of sump, sump side wall, sump bottom slab, in side of septic tank, in watertank etc. to required slopes with CM (1:3) prop.	901 & 903	312.00	ONE SQM	26520
167	2679.00	Providing specialized high performance acrylic polymer modified elastomeric cementitious waterproof coating to the terrace / walls / internal portion of the bathroom & toilets / internal portion of the water tanks duly cleaning of the surface from dirt, dust and other contaminations, providing and application of Two coats of High performance Acrylic polymer modified Elastomeric cementitious waterproof coating (1.8 Sq. Mtr. / Kg /Each Coat) including cost and conveyance of all materials and labour charges and overheads & contractors profit complete for finished item of work in all floors.	Providing specialized high performance acrylic polymer modified elastomeric cementitious waterproof coating to the terrace	Providing specialized high performance acrylic polymer modified elastomeric cementitious waterproof coating to the terrace	As directed By Engineer In Charge	525.00	ONE SQM	1406475
168	79.00	Flooring with non-skid full body ceramic floor tiles of size 300mm x 300mm and thickness between 7 - 8mm 1st quality conforming to IS: 13711, IS: 13712, IS: 13630(Part 1 to 15) of any colour and finish in all shades and designs as approved by Engineer-in-charge, set over base coat of cement mortar (1:8), 12mm thick using screened sand over CC bed already laid or RCC roof slab, including neat cement slurry of honey like consistency spread @ 3.3 Kgs per Sqm & jointed epoxy emulsion grout/ synthetic /resin adhesive in width of 3-5 mm with Nylonspacers excluding cost of tiles neatly with to full depth mixed with pigment of matching shade, including cost of all materials like cement, screened sand , water and tiles etc., and overheads & contractors profit complete for finished item of work. (In toilets) (APSS No.701 & 707) . First Floor :	Flooring with non-skid full body ceramic floor tiles of size 300mm x 300mm and thickness between 7 - 8mm 1st quality	Flooring with non-skid full body ceramic floor tiles of size 300mm x 300mm and thickness between 7 - 8mm 1st quality	701 & 707	1516.00	ONE SQM	119764
169	81.00	Flooring with non-skid full body ceramic floor tiles of size 300mm x 300mm and thickness between 7 - 8mm 1st quality conforming to IS: 13711, IS: 13712, IS: 13630(Part 1 to 15) of any colour and finish in all shades and designs as approved by Engineer-in-charge, set over base coat of cement mortar (1:8), 12mm thick using screened sand over CC bed already laid or RCC roof slab, including neat cement slurry of honey like consistency spread @ 3.3 Kgs per Sqm & jointed epoxy emulsion grout/ synthetic /resin adhesive in width of 3-5 mm with Nylonspacers excluding cost of tiles neatly with to full depth mixed with pigment of matching shade, including cost of all materials like cement, screened sand , water and tiles etc., and overheads & contractors profit complete for finished item of work. (In toilets) (APSS No.701 & 707) . Second Floor :	Flooring with non-skid full body ceramic floor tiles of size 300mm x 300mm and thickness between 7 - 8mm 1st quality	Flooring with non-skid full body ceramic floor tiles of size 300mm x 300mm and thickness between 7 - 8mm 1st quality	701 & 707	1572.00	ONE SQM	127332

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
170	45.00	Flooring with non-skid full body ceramic floor tiles of size 300mm x 300mm and thickness between 7 - 8mm 1st quality conforming to IS: 13711, IS: 13712, IS: 13630(Part 1 to 15) of any colour and finish in all shades and designs as approved by Engineer-in-charge, set over base coat of cement mortar (1:8), 12mm thick using screened sandover CC bed already laid or RCC roof slab, including neat cement slurry of honey like consistency spread @ 3.3 Kgs per Sqm & jointed epoxy emulsion grout/ synthetic /resin adhesive in width of 3-5 mm with Nylonspacers excluding cost of tiles neatly with to full depth mixed with pigment of matching shade, including cost of all materials like cement, screened sand , water and tiles etc., and overheads & contractors profit complete for finished item of work. (In toilets) (APSS No.701 & 707) . Third Floor :	Flooring with non-skid full body ceramic floor tiles of size 300mm x 300mm and thickness between 7 - 8mm 1st quality	Flooring with non-skid full body ceramic floor tiles of size 300mm x 300mm and thickness between 7 - 8mm 1st quality	701 & 707	1628.00	ONE SQM	73260
171	23.00	Flooring with non-skid full body ceramic floor tiles of size 300mm x 300mm and thickness between 7 - 8mm 1st quality conforming to IS: 13711, IS: 13712, IS: 13630(Part 1 to 15) of any colour and finish in all shades and designs as approved by Engineer-in-charge, set over base coat of cement mortar (1:8), 12mm thick using screened sandover CC bed already laid or RCC roof slab, including neat cement slurry of honey like consistency spread @ 3.3 Kgs per Sqm & jointed epoxy emulsion grout/ synthetic /resin adhesive in width of 3-5 mm with Nylonspacers excluding cost of tiles neatly with to full depth mixed with pigment of matching shade, including cost of all materials like cement, screened sand , water and tiles etc., and overheads & contractors profit complete for finished item of work. (In toilets) (APSS No.701 & 707) . Fourth Floor :	Flooring with non-skid full body ceramic floor tiles of size 300mm x 300mm and thickness between 7 - 8mm 1st quality	Flooring with non-skid full body ceramic floor tiles of size 300mm x 300mm and thickness between 7 - 8mm 1st quality	701 & 707	1683.00	ONE SQM	38709
172	23.00	Flooring with non-skid full body ceramic floor tiles of size 300mm x 300mm and thickness between 7 - 8mm 1st quality conforming to IS: 13711, IS: 13712, IS: 13630(Part 1 to 15) of any colour and finish in all shades and designs as approved by Engineer-in-charge, set over base coat of cement mortar (1:8), 12mm thick using screened sandover CC bed already laid or RCC roof slab, including neat cement slurry of honey like consistency spread @ 3.3 Kgs per Sqm & jointed epoxy emulsion grout/ synthetic /resin adhesive in width of 3-5 mm with Nylonspacers excluding cost of tiles neatly with to full depth mixed with pigment of matching shade, including cost of all materials like cement, screened sand , water and tiles etc., and overheads & contractors profit complete for finished item of work. (In toilets) (APSS No.701 & 707) . Fifth Floor :	Flooring with non-skid full body ceramic floor tiles of size 300mm x 300mm and thickness between 7 - 8mm 1st quality	Flooring with non-skid full body ceramic floor tiles of size 300mm x 300mm and thickness between 7 - 8mm 1st quality	701 & 707	1739.00	ONE SQM	39997
173	86.00	Flooring with Double charged / multi charged stain free full body porcelain vitrified tiles with double layer pigment of size 800 x 800 mm and thickness between 9-11 mm 1st quality conforming to IS:15622 - 2017, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs as per the approved flooring pattern as directed by the Engineer-In -Charge, laying tiles set over a base coat of CM (1:8) prop. 12mm thick using screened sand over CC bed already laid or RCC roof slab , including neat cement slurry of honey like consistency spread @ 3.3 kgs per Sqm. and jointed neatly with white cement paste to full depth mixed with pigment of matching shade including cost and conveyance of all materials like cement, sand, water, tiles, white cement etc., to site (excluding cost of C.C. bed) including cost of base coat and all labour charges for mixing of cement mortar, laying tiles to required slope as directed by the Engineer- in-charge etc., and overheads & contractors profit complete for finished item of work. (APSS No.701 & 707). Stilt Floor	Flooring with Double charged / multi charged stain free full body porcelain vitrified tiles with double layer pigment of size 800 x 800 mm and thickness between 9-11 mm 1st quality	Flooring with Double charged / multi charged stain free full body porcelain vitrified tiles with double layer pigment of size 800 x 800 mm and thickness between 9-11 mm 1st quality	701 & 707	1414.00	ONE SQM	121604

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
174	628.00	Flooring with Double charged / multi charged stain free full body porcelain vitrified tiles with double layer pigment of size 800 x 800 mm and thickness between 9-11 mm 1st quality conforming to IS:15622 - 2017, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs as per the approved flooring pattern as directed by the Engineer-In -Charge, laying tiles set over a base coat of CM (1:8) prop. 12mm thick using screened sand over CC bed already laid or RCC roof slab , including neat cement slurry of honey like consistency spread @ 3.3 kgs per Sqm. and jointed neatly with white cement paste to full depth mixed with pigment of matching shade including cost and conveyance of all materials like cement, sand, water, tiles, white cement etc., to site (excluding cost of C.C. bed) including cost of base coat and all labour charges for mixing of cement mortar, laying tiles to required slope as directed by the Engineer- in-charge etc., and overheads & contractors profit complete for finished item of work. (APSS No.701 & 707). First Floor :	Flooring with Double charged / multi charged stain free full body porcelain vitrified tiles with double layer pigment of size 800 x 800 mm and thickness between 9-11 mm 1st quality	Flooring with Double charged / multi charged stain free full body porcelain vitrified tiles with double layer pigment of size 800 x 800 mm and thickness between 9-11 mm 1st quality	701 & 707	1470.00	ONE SQM	923160
175	794.00	Flooring with Double charged / multi charged stain free full body porcelain vitrified tiles with double layer pigment of size 800 x 800 mm and thickness between 9-11 mm 1st quality conforming to IS:15622 - 2017, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs as per the approved flooring pattern as directed by the Engineer-In -Charge, laying tiles set over a base coat of CM (1:8) prop. 12mm thick using screened sand over CC bed already laid or RCC roof slab , including neat cement slurry of honey like consistency spread @ 3.3 kgs per Sqm. and jointed neatly with white cement paste to full depth mixed with pigment of matching shade including cost and conveyance of all materials like cement, sand, water, tiles, white cement etc., to site (excluding cost of C.C. bed) including cost of base coat and all labour charges for mixing of cement mortar, laying tiles to required slope as directed by the Engineer- in-charge etc., and overheads & contractors profit complete for finished item of work. (APSS No.701 & 707). Second Floor :	Flooring with Double charged / multi charged stain free full body porcelain vitrified tiles with double layer pigment of size 800 x 800 mm and thickness between 9-11 mm 1st quality	Flooring with Double charged / multi charged stain free full body porcelain vitrified tiles with double layer pigment of size 800 x 800 mm and thickness between 9-11 mm 1st quality	701 & 707	1525.00	ONE SQM	1210850
176	515.00	Flooring with Double charged / multi charged stain free full body porcelain vitrified tiles with double layer pigment of size 800 x 800 mm and thickness between 9-11 mm 1st quality conforming to IS:15622 - 2017, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs as per the approved flooring pattern as directed by the Engineer-In -Charge, laying tiles set over a base coat of CM (1:8) prop. 12mm thick using screened sand over CC bed already laid or RCC roof slab , including neat cement slurry of honey like consistency spread @ 3.3 kgs per Sqm. and jointed neatly with white cement paste to full depth mixed with pigment of matching shade including cost and conveyance of all materials like cement, sand, water, tiles, white cement etc., to site (excluding cost of C.C. bed) including cost of base coat and all labour charges for mixing of cement mortar, laying tiles to required slope as directed by the Engineer- in-charge etc., and overheads & contractors profit complete for finished item of work. (APSS No.701 & 707). Third Floor :	Flooring with Double charged / multi charged stain free full body porcelain vitrified tiles with double layer pigment of size 800 x 800 mm and thickness between 9-11 mm 1st quality	Flooring with Double charged / multi charged stain free full body porcelain vitrified tiles with double layer pigment of size 800 x 800 mm and thickness between 9-11 mm 1st quality	701 & 707	1581.00	ONE SQM	814215
177	449.00	Flooring with Double charged / multi charged stain free full body porcelain vitrified tiles with double layer pigment of size 800 x 800 mm and thickness between 9-11 mm 1st quality conforming to IS:15622 - 2017, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs as per the approved flooring pattern as directed by the Engineer-In -Charge, laying tiles set over a base coat of CM (1:8) prop. 12mm thick using screened sand over CC bed already laid or RCC roof slab , including neat cement slurry of honey like consistency spread @ 3.3 kgs per Sqm. and jointed neatly with white cement paste to full depth mixed with pigment of matching shade including cost and conveyance of all materials like cement, sand, water, tiles, white cement etc., to site (excluding cost of C.C. bed) including cost of base coat and all labour charges for mixing of cement mortar, laying tiles to required slope as directed by the Engineer- in-charge etc., and overheads & contractors profit complete for finished item of work. (APSS No.701 & 707). Fourth Floor :	Flooring with Double charged / multi charged stain free full body porcelain vitrified tiles with double layer pigment of size 800 x 800 mm and thickness between 9-11 mm 1st quality	Flooring with Double charged / multi charged stain free full body porcelain vitrified tiles with double layer pigment of size 800 x 800 mm and thickness between 9-11 mm 1st quality	701 & 707	1637.00	ONE SQM	735013

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
178	449.00	Flooring with Double charged / multi charged stain free full body porcelain vitrified tiles with double layer pigment of size 800 x 800 mm and thickness between 9-11 mm 1st quality conforming to IS:15622 - 2017, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs as per the approved flooring pattern as directed by the Engineer-In -Charge, laying tiles set over a base coat of CM (1:8) prop. 12mm thick using screened sand over CC bed already laid or RCC roof slab , including neat cement slurry of honey like consistency spread @ 3.3 kgs per Sqm. and jointed neatly with white cement paste to full depth mixed with pigment of matching shade including cost and conveyance of all materials like cement, sand, water, tiles, white cement etc., to site (excluding cost of C.C. bed) including cost of base coat and all labour charges for mixing of cement mortar, laying tiles to required slope as directed by the Engineer- in-charge etc., and overheads & contractors profit complete for finished item of work. (APSS No.701 & 707). Fifth Floor :	Flooring with Double charged / multi charged stain free full body porcelain vitrified tiles with double layer pigment of size 800 x 800 mm and thickness between 9-11 mm 1st quality	Flooring with Double charged / multi charged stain free full body porcelain vitrified tiles with double layer pigment of size 800 x 800 mm and thickness between 9-11 mm 1st quality	701 & 707	1693.00	ONE SQM	760157
179	173.00	Flooring with 16 to 18mm thick high polished granite stone slabs other than black with regular colours (i.e. of shades like paradiso / bala flower / copper silk / laka red / lavender blue) with borders and design as per the pattern approved by the Engineer-in-Charge of length not less than 2.43 mts set over base coat of cement mortar (1:8) , 20mm thick using screened sand over CC bed already laid or RCC roof slab including neat grey cement slurry of honey like consistency spread @ 3.3 Kg per sqm and jointed neatly with white cement paste mixed with pigment of matching shade to full depth including cost and conveyance of all materials like cement , sand , water , granite slabs etc., to work site and all operational, incidental labour & lift charges, polishing charges and all other taxes on all materials, cost of base coat and overheads & contractors profit complete for finished item of work (S.S.701 & special) Stilt Floor	Flooring with 16 to 18mm thick high polished granite stone slabs other than black with regular colours	Flooring with 16 to 18mm thick high polished granite stone slabs other than black with regular colours	S.S.701 & special	4810.00	ONE SQM	832130
180	254.00	Flooring with 16 to 18mm thick high polished granite stone slabs other than black with regular colours (i.e. of shades like paradiso / bala flower / copper silk / laka red / lavender blue) with borders and design as per the pattern approved by the Engineer-in-Charge of length not less than 2.43 mts set over base coat of cement mortar (1:8) , 20mm thick using screened sand over CC bed already laid or RCC roof slab including neat grey cement slurry of honey like consistency spread @ 3.3 Kg per sqm and jointed neatly with white cement paste mixed with pigment of matching shade to full depth including cost and conveyance of all materials like cement , sand , water , granite slabs etc., to work site and all operational, incidental labour & lift charges, polishing charges and all other taxes on all materials, cost of base coat and overheads & contractors profit complete for finished item of work (S.S.701 & special) First Floor :	Flooring with 16 to 18mm thick high polished granite stone slabs other than black with regular colours	Flooring with 16 to 18mm thick high polished granite stone slabs other than black with regular colours	S.S.701 & special	4913.00	ONE SQM	1247902
181	94.00	Flooring with 16 to 18mm thick high polished granite stone slabs other than black with regular colours (i.e. of shades like paradiso / bala flower / copper silk / laka red / lavender blue) with borders and design as per the pattern approved by the Engineer-in-Charge of length not less than 2.43 mts set over base coat of cement mortar (1:8) , 20mm thick using screened sand over CC bed already laid or RCC roof slab including neat grey cement slurry of honey like consistency spread @ 3.3 Kg per sqm and jointed neatly with white cement paste mixed with pigment of matching shade to full depth including cost and conveyance of all materials like cement , sand , water , granite slabs etc., to work site and all operational, incidental labour & lift charges, polishing charges and all other taxes on all materials, cost of base coat and overheads & contractors profit complete for finished item of work (S.S.701 & special) Second Floor :	Flooring with 16 to 18mm thick high polished granite stone slabs other than black with regular colours	Flooring with 16 to 18mm thick high polished granite stone slabs other than black with regular colours	S.S.701 & special	5015.00	ONE SQM	471410

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
182	10.00	Flooring with 16 to 18mm thick high polished granite stone slabs other than black with regular colours (i.e. of shades like paradiso / bala flower / copper silk / laka red / lavender blue) with borders and design as per the pattern approved by the Engineer-in-Charge of length not less than 2.43 mts set over base coat of cement mortar (1:8) , 20mm thick using screened sand over CC bed already laid or RCC roof slab including neat grey cement slurry of honey like consistency spread @ 3.3 Kg per sqm and jointed neatly with white cement paste mixed with pigment of matching shade to full depth including cost and conveyance of all materials like cement , sand , water , granite slabs etc., to work site and all operational, incidental labour & lift charges, polishing charges and all other taxes on all materials, cost of base coat and overheads & contractors profit complete for finished item of work (S.S.701 & special) Third Floor :	Flooring with 16 to 18mm thick high polished granite stone slabs other than black with regular colours	Flooring with 16 to 18mm thick high polished granite stone slabs other than black with regular colours	S.S.701 & special	5118.00	ONE SQM	51180
183	69.00	Flooring with 16 to 18mm thick high polished granite stone slabs other than black with regular colours (i.e. of shades like paradiso / bala flower / copper silk / laka red / lavender blue) with borders and design as per the pattern approved by the Engineer-in-Charge of length not less than 2.43 mts set over base coat of cement mortar (1:8) , 20mm thick using screened sand over CC bed already laid or RCC roof slab including neat grey cement slurry of honey like consistency spread @ 3.3 Kg per sqm and jointed neatly with white cement paste mixed with pigment of matching shade to full depth including cost and conveyance of all materials like cement , sand , water , granite slabs etc., to work site and all operational, incidental labour & lift charges, polishing charges and all other taxes on all materials, cost of base coat and overheads & contractors profit complete for finished item of work (S.S.701 & special) Fourth Floor :	Flooring with 16 to 18mm thick high polished granite stone slabs other than black with regular colours	Flooring with 16 to 18mm thick high polished granite stone slabs other than black with regular colours	S.S.701 & special	5221.00	ONE SQM	360249
184	69.00	Flooring with 16 to 18mm thick high polished granite stone slabs other than black with regular colours (i.e. of shades like paradiso / bala flower / copper silk / laka red / lavender blue) with borders and design as per the pattern approved by the Engineer-in-Charge of length not less than 2.43 mts set over base coat of cement mortar (1:8) , 20mm thick using screened sand over CC bed already laid or RCC roof slab including neat grey cement slurry of honey like consistency spread @ 3.3 Kg per sqm and jointed neatly with white cement paste mixed with pigment of matching shade to full depth including cost and conveyance of all materials like cement , sand , water , granite slabs etc., to work site and all operational, incidental labour & lift charges, polishing charges and all other taxes on all materials, cost of base coat and overheads & contractors profit complete for finished item of work (S.S.701 & special) Fifth Floor :	Flooring with 16 to 18mm thick high polished granite stone slabs other than black with regular colours	Flooring with 16 to 18mm thick high polished granite stone slabs other than black with regular colours	S.S.701 & special	5323.00	ONE SQM	367287
185	142.00	Flooring with Cement Concrete general purpose tiles confirming to IS:13801 using aggregates, cement, pigments of size 300mm x 300mm and thickness 25mm of any shade as approved by Engineer-In-Charge set over base coat of cement mortar (1:6), 12 mm thick using screened sand over CC bed already laid or RCC roof slab including neat cement slurry of honey like consistency spread @ 3.3 kgs per sqm and jointed with neat white cement to full depth mixed with pigment of matching shade including cost and conveyance of all materials like cement, sand, water and tiles etc.,and overheads & contractors profit complete for finished item of work First Floor :	Flooring with Cement Concrete general purpose tiles confirming to IS:13801 using aggregates, cement, pigments of size 300mm x 300mm and thickness 25mm of any shade	Flooring with Cement Concrete general purpose tiles confirming to IS:13801 using aggregates, cement, pigments of size 300mm x 300mm and thickness 25mm of any shade	As directed By Engineer In Charge	1010.00	ONE SQM	143420

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
186	2385.00	Vaccum dewatering cement concrete flooring 75mm thick using M 20 grade design mix corresponding to IS 456 with minimum cement content of 320 kgs per 1 cum of concrete using WEIGH BATCHER / MIXER with 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry in panels as per drawing / design, laid to proper level and slope including consolidating with power driven mechanical vibrators (both needle & screed vibrators), dewatering by vacuum process "Tremix" method, floated with neat cement and power troweled to achieve smooth finishing, including MS Shuttering, finishing, rounding of the edges, curing including cost and conveyance of all materials like cement, coarse aggregate, sand etc., to site, centering, shuttering, machine mixing, laying concrete, vibrating, curing, hire charges of all tools and plants, all other incidental and operational charges, labour charges and all taxes excluding GST etc., complete for finished item of work but excluding cost of steel and its fabrication charges for finished item of work. Stilt Floor	Vaccum dewatering cement concrete flooring 75mm thick using M 20 grade design mix	Vaccum dewatering cement concrete flooring 75mm thick using M 20 grade design mix	As directed By Engineer In Charge	758.00	ONE SQM	1807830
187	21.00	Flooring with polished shahabad / Tandur stone slabs of 15mm to 18mm thick set over a base coat of CM (1:8) , 12mm thick using screened sand over already laid CC bed / RCC roof slab including neat cement slurry of honey like consistency spread @ 3.3 Kgs per Sqm and jointed with neat cement to full depth including cost and conveyance of all materials like cement, sand, water, flooring stones etc. complete including sales & other taxes on all materials including all labour charges like dressing of flooring stones to the required size, mixing of cement mortar, laying, lift charges , cost of base coat, water charges etc., and overheads & contractors profit complete for finished item of work. (APSS No.703 & 701) Stilt Floor	Flooring with polished shahabad / Tandur stone slabs of 15mm to 18mm thick set over a base coat of CM (1:8)	Flooring with polished shahabad / Tandur stone slabs of 15mm to 18mm thick set over a base coat of CM (1:8)	703 & 701	880	ONE SQM	18480
188	18.00	Granolithic Concrete flooring 20 mm thick with (1:1:2), using 6mm to 12 mm size hard granite machine crushed metal and screened sand laid over CC bed already laid or RCC roof slab, in alternate panels of size not exceeding 1.50 m x 1.50 m, using glass strips and finishing the top surface to required smoothness and slopes and thread lining including cost of all materials like cement, metal sand and water and overheads & contractors profit complete for finished item of work. (APSS No.701 & 710) Stilt Floor	Granolithic Concrete flooring 20 mm thick with (1:1:2), using 6mm to 12 mm size hard granite machine crushed metal and screened sand laid over CC bed	Granolithic Concrete flooring 20 mm thick with (1:1:2), using 6mm to 12 mm size hard granite machine crushed metal and screened sand laid over CC bed	701 & 710	497.00	ONE SQM	8946
189	15.00	Granolithic Concrete flooring 20 mm thick with (1:1:2), using 6mm to 12 mm size hard granite machine crushed metal and screened sand laid over CC bed already laid or RCC roof slab, in alternate panels of size not exceeding 1.50 m x 1.50 m, using glass strips and finishing the top surface to required smoothness and slopes and thread lining including cost of all materials like cement, metal sand and water and overheads & contractors profit complete for finished item of work. (APSS No.701 & 710) Terrace Floor :	Granolithic Concrete flooring 20 mm thick with (1:1:2), using 6mm to 12 mm size hard granite machine crushed metal and screened sand laid over CC bed	Granolithic Concrete flooring 20 mm thick with (1:1:2), using 6mm to 12 mm size hard granite machine crushed metal and screened sand laid over CC bed	701 & 710	718.00	ONE SQM	10770
190	26.00	Providing 16 to 18mm thick high polished granite stone slabs other than black and regular colours (i.e. of shades like paradiso / bala flower / copper silk / laka red / lavender blue) with borders and design as per the pattern approved by the Engineer-in-Charge of length not less than 2.43 mts set over base coat of cement mortar (1:3) , 12mm thick using screened sand over CC bed already laid or RCC roof slab including neat grey cement slurry of honey like consistency spread @ 3.3 Kg per sqm and jointed neatly with white cement paste mixed with pigment of matching shade to full depth including cost and conveyance of all materials like cement , sand , water , granite slabs etc., to work site and all operational, incidental labour & lift charges, groove cutting, half rounding the edges of treads , polishing charges and all other taxes on all materials, cost of base coat and overheads & contractors profit complete for finished item of work for treads and risers (S.S.701 & special). Treads of 0.30m wide : Stilt Floor	Providing 16 to 18mm thick high polished granite stone slabs other than black and regular colours for Treads	Providing 16 to 18mm thick high polished granite stone slabs other than black and regular colours for Treads	S.S.701 & special	6931.00	ONE SQM	180206

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
191	55.00	Providing 16 to 18mm thick high polished granite stone slabs other than black and regular colours (i.e. of shades like paradiso / bala flower / copper silk / laka red / lavender blue) with borders and design as per the pattern approved by the Engineer-in-Charge of length not less than 2.43 mts set over base coat of cement mortar (1:3) , 12mm thick using screened sand over CC bed already laid or RCC roof slab including neat grey cement slurry of honey like consistency spread @ 3.3 Kg per sqm and jointed neatly with white cement paste mixed with pigment of matching shade to full depth including cost and conveyance of all materials like cement , sand , water , granite slabs etc., to work site and all operational, incidental labour & lift charges, groove cutting, half rounding the edges of treads , polishing charges and all other taxes on all materials, cost of base coat and overheads & contractors profit complete for finished item of work for treads and risers (S.S.701 & special). Treads of 0.30m wide : First Floor :	Providing 16 to 18mm thick high polished granite stone slabs other than black and regular colours for Treads	Providing 16 to 18mm thick high polished granite stone slabs other than black and regular colours for Treads	S.S.701 & special	7034.00	ONE SQM	386870
192	26.00	Providing 16 to 18mm thick high polished granite stone slabs other than black and regular colours (i.e. of shades like paradiso / bala flower / copper silk / laka red / lavender blue) with borders and design as per the pattern approved by the Engineer-in-Charge of length not less than 2.43 mts set over base coat of cement mortar (1:3) , 12mm thick using screened sand over CC bed already laid or RCC roof slab including neat grey cement slurry of honey like consistency spread @ 3.3 Kg per sqm and jointed neatly with white cement paste mixed with pigment of matching shade to full depth including cost and conveyance of all materials like cement , sand , water , granite slabs etc., to work site and all operational, incidental labour & lift charges, groove cutting, half rounding the edges of treads , polishing charges and all other taxes on all materials, cost of base coat and overheads & contractors profit complete for finished item of work for treads and risers (S.S.701 & special). Treads of 0.30m wide : Second Floor :	Providing 16 to 18mm thick high polished granite stone slabs other than black and regular colours for Treads	Providing 16 to 18mm thick high polished granite stone slabs other than black and regular colours for Treads	S.S.701 & special	7136.00	ONE SQM	185536
193	11.00	Providing 16 to 18mm thick high polished granite stone slabs other than black and regular colours (i.e. of shades like paradiso / bala flower / copper silk / laka red / lavender blue) with borders and design as per the pattern approved by the Engineer-in-Charge of length not less than 2.43 mts set over base coat of cement mortar (1:3) , 12mm thick using screened sand over CC bed already laid or RCC roof slab including neat grey cement slurry of honey like consistency spread @ 3.3 Kg per sqm and jointed neatly with white cement paste mixed with pigment of matching shade to full depth including cost and conveyance of all materials like cement , sand , water , granite slabs etc., to work site and all operational, incidental labour & lift charges, groove cutting, half rounding the edges of treads , polishing charges and all other taxes on all materials, cost of base coat and overheads & contractors profit complete for finished item of work for treads and risers (S.S.701 & special). Treads of 0.30m wide : Third Floor :	Providing 16 to 18mm thick high polished granite stone slabs other than black and regular colours for Treads	Providing 16 to 18mm thick high polished granite stone slabs other than black and regular colours for Treads	S.S.701 & special	7239.00	ONE SQM	79629
194	11.00	Providing 16 to 18mm thick high polished granite stone slabs other than black and regular colours (i.e. of shades like paradiso / bala flower / copper silk / laka red / lavender blue) with borders and design as per the pattern approved by the Engineer-in-Charge of length not less than 2.43 mts set over base coat of cement mortar (1:3) , 12mm thick using screened sand over CC bed already laid or RCC roof slab including neat grey cement slurry of honey like consistency spread @ 3.3 Kg per sqm and jointed neatly with white cement paste mixed with pigment of matching shade to full depth including cost and conveyance of all materials like cement , sand , water , granite slabs etc., to work site and all operational, incidental labour & lift charges, groove cutting, half rounding the edges of treads , polishing charges and all other taxes on all materials, cost of base coat and overheads & contractors profit complete for finished item of work for treads and risers (S.S.701 & special). Treads of 0.30m wide : Fourth Floor :	Providing 16 to 18mm thick high polished granite stone slabs other than black and regular colours for Treads	Providing 16 to 18mm thick high polished granite stone slabs other than black and regular colours for Treads	S.S.701 & special	7341.00	ONE SQM	80751

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
195	11.00	Providing 16 to 18mm thick high polished granite stone slabs other than black and regular colours (i.e. of shades like paradiso / bala flower / copper silk / laka red / lavender blue) with borders and design as per the pattern approved by the Engineer-in-Charge of length not less than 2.43 mts set over base coat of cement mortar (1:3) , 12mm thick using screened sand over CC bed already laid or RCC roof slab including neat grey cement slurry of honey like consistency spread @ 3.3 Kg per sqm and jointed neatly with white cement paste mixed with pigment of matching shade to full depth including cost and conveyance of all materials like cement , sand , water , granite slabs etc., to work site and all operational, incidental labour & lift charges, groove cutting, half rounding the edges of treads , polishing charges and all other taxes on all materials, cost of base coat and overheads & contractors profit complete for finished item of work for treads and risers (S.S.701 & special). Treads of 0.30m wide : Fifth Floor :	Providing 16 to 18mm thick high polished granite stone slabs other than black and regular colours for Treads	Providing 16 to 18mm thick high polished granite stone slabs other than black and regular colours for Treads	S.S.701 & special	7444.00	ONE SQM	81884
196	14.00	Providing 16 to 18mm thick high polished granite stone slabs other than black and regular colours (i.e. of shades like paradiso / bala flower / copper silk / laka red / lavender blue) with borders and design as per the pattern approved by the Engineer-in-Charge of length not less than 2.43 mts set over base coat of cement mortar (1:3) , 12mm thick using screened sand over CC bed already laid or RCC roof slab including neat grey cement slurry of honey like consistency spread @ 3.3 Kg per sqm and jointed neatly with white cement paste mixed with pigment of matching shade to full depth including cost and conveyance of all materials like cement , sand , water , granite slabs etc., to work site and all operational, incidental labour & lift charges, groove cutting, half rounding the edges of treads , polishing charges and all other taxes on all materials, cost of base coat and overheads & contractors profit complete for finished item of work for treads and risers (S.S.701 & special). Risers of 0.15m height : Stilt Floor	Providing 16 to 18mm thick high polished granite stone slabs other than black and regular colours for Risers	Providing 16 to 18mm thick high polished granite stone slabs other than black and regular colours for Risers	S.S.701 & special	4490.00	ONE SQM	62860
197	32.00	Providing 16 to 18mm thick high polished granite stone slabs other than black and regular colours (i.e. of shades like paradiso / bala flower / copper silk / laka red / lavender blue) with borders and design as per the pattern approved by the Engineer-in-Charge of length not less than 2.43 mts set over base coat of cement mortar (1:3) , 12mm thick using screened sand over CC bed already laid or RCC roof slab including neat grey cement slurry of honey like consistency spread @ 3.3 Kg per sqm and jointed neatly with white cement paste mixed with pigment of matching shade to full depth including cost and conveyance of all materials like cement , sand , water , granite slabs etc., to work site and all operational, incidental labour & lift charges, groove cutting, half rounding the edges of treads , polishing charges and all other taxes on all materials, cost of base coat and overheads & contractors profit complete for finished item of work for treads and risers (S.S.701 & special). Risers of 0.15m height : First Floor :	Providing 16 to 18mm thick high polished granite stone slabs other than black and regular colours for Risers	Providing 16 to 18mm thick high polished granite stone slabs other than black and regular colours for Risers	S.S.701 & special	4516.00	ONE SQM	144512
198	14.00	Providing 16 to 18mm thick high polished granite stone slabs other than black and regular colours (i.e. of shades like paradiso / bala flower / copper silk / laka red / lavender blue) with borders and design as per the pattern approved by the Engineer-in-Charge of length not less than 2.43 mts set over base coat of cement mortar (1:3) , 12mm thick using screened sand over CC bed already laid or RCC roof slab including neat grey cement slurry of honey like consistency spread @ 3.3 Kg per sqm and jointed neatly with white cement paste mixed with pigment of matching shade to full depth including cost and conveyance of all materials like cement , sand , water , granite slabs etc., to work site and all operational, incidental labour & lift charges, groove cutting, half rounding the edges of treads , polishing charges and all other taxes on all materials, cost of base coat and overheads & contractors profit complete for finished item of work for treads and risers (S.S.701 & special). Risers of 0.15m height : Second Floor :	Providing 16 to 18mm thick high polished granite stone slabs other than black and regular colours for Risers	Providing 16 to 18mm thick high polished granite stone slabs other than black and regular colours for Risers	S.S.701 & special	4542.00	ONE SQM	63588

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
199	6.00	Providing 16 to 18mm thick high polished granite stone slabs other than black and regular colours (i.e. of shades like paradiso / bala flower / copper silk / laka red / lavender blue) with borders and design as per the pattern approved by the Engineer-in-Charge of length not less than 2.43 mts set over base coat of cement mortar (1:3) , 12mm thick using screened sand over CC bed already laid or RCC roof slab including neat grey cement slurry of honey like consistency spread @ 3.3 Kg per sqm and jointed neatly with white cement paste mixed with pigment of matching shade to full depth including cost and conveyance of all materials like cement , sand , water , granite slabs etc., to work site and all operational, incidental labour & lift charges, groove cutting, half rounding the edges of treads , polishing charges and all other taxes on all materials, cost of base coat and overheads & contractors profit complete for finished item of work for treads and risers (S.S.701 & special). Risers of 0.15m height : Third Floor :	Providing 16 to 18mm thick high polished granite stone slabs other than black and regular colours for Risers	Providing 16 to 18mm thick high polished granite stone slabs other than black and regular colours for Risers	S.S.701 & special	4568.00	ONE SQM	27408
200	6.00	Providing 16 to 18mm thick high polished granite stone slabs other than black and regular colours (i.e. of shades like paradiso / bala flower / copper silk / laka red / lavender blue) with borders and design as per the pattern approved by the Engineer-in-Charge of length not less than 2.43 mts set over base coat of cement mortar (1:3) , 12mm thick using screened sand over CC bed already laid or RCC roof slab including neat grey cement slurry of honey like consistency spread @ 3.3 Kg per sqm and jointed neatly with white cement paste mixed with pigment of matching shade to full depth including cost and conveyance of all materials like cement , sand , water , granite slabs etc., to work site and all operational, incidental labour & lift charges, groove cutting, half rounding the edges of treads , polishing charges and all other taxes on all materials, cost of base coat and overheads & contractors profit complete for finished item of work for treads and risers (S.S.701 & special). Risers of 0.15m height : Fourth Floor :	Providing 16 to 18mm thick high polished granite stone slabs other than black and regular colours for Risers	Providing 16 to 18mm thick high polished granite stone slabs other than black and regular colours for Risers	S.S.701 & special	4594.00	ONE SQM	27564
201	6.00	Providing 16 to 18mm thick high polished granite stone slabs other than black and regular colours (i.e. of shades like paradiso / bala flower / copper silk / laka red / lavender blue) with borders and design as per the pattern approved by the Engineer-in-Charge of length not less than 2.43 mts set over base coat of cement mortar (1:3) , 12mm thick using screened sand over CC bed already laid or RCC roof slab including neat grey cement slurry of honey like consistency spread @ 3.3 Kg per sqm and jointed neatly with white cement paste mixed with pigment of matching shade to full depth including cost and conveyance of all materials like cement , sand , water , granite slabs etc., to work site and all operational, incidental labour & lift charges, groove cutting, half rounding the edges of treads , polishing charges and all other taxes on all materials, cost of base coat and overheads & contractors profit complete for finished item of work for treads and risers (S.S.701 & special). Risers of 0.15m height : Fifth Floor :	Providing 16 to 18mm thick high polished granite stone slabs other than black and regular colours for Risers	Providing 16 to 18mm thick high polished granite stone slabs other than black and regular colours for Risers	S.S.701 & special	4620.00	ONE SQM	27720
202	3.00	Flooring with 16 to 18mm thick high polished granite stone slabs black colour as approved by the Engineer-in-Charge of length not less than 2.43 mts set over base coat of cement mortar (1:8) , 20mm thick using screened sand over CC bed already laid or RCC roof slab including neat grey cement slurry of honey like consistency spread @ 3.3 Kg per sqm and jointed neatly with white cement paste mixed with pigment of matching shade to full depth including cost and conveyance of all materials like cement , sand , water , granite slabs etc., to work site and all operational, incidental labour & lift charges, half rounding the edge , polishing charges and all other taxes on all materials, cost of base coat and overheads & contractors profit complete for finished item of work for platforms (S.S.701 & special) Stilt Floor	Flooring with 16 to 18mm thick high polished granite stone slabs black colour for Platforms	Flooring with 16 to 18mm thick high polished granite stone slabs black colour for Platforms	S.S.701 & special	5328.00	ONE SQM	15984

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
203	11.00	Flooring with 16 to 18mm thick high polished granite stone slabs black colour as approved by the Engineer-in-Charge of length not less than 2.43 mts set over base coat of cement mortar (1:8) , 20mm thick using screened sand over CC bed already laid or RCC roof slab including neat grey cement slurry of honey like consistency spread @ 3.3 Kg per sqm and jointed neatly with white cement paste mixed with pigment of matching shade to full depth including cost and conveyance of all materials like cement , sand , water , granite slabs etc., to work site and all operational, incidental labour & lift charges, half rounding the edge , polishing charges and all other taxes on all materials, cost of base coat and overheads & contractors profit complete for finished item of work for platforms (S.S.701 & special) First Floor :	Flooring with 16 to 18mm thick high polished granite stone slabs black colour for Platforms	Flooring with 16 to 18mm thick high polished granite stone slabs black colour for Platforms	S.S.701 & special	5431.00	ONE SQM	59741
204	8.00	Flooring with 16 to 18mm thick high polished granite stone slabs black colour as approved by the Engineer-in-Charge of length not less than 2.43 mts set over base coat of cement mortar (1:8) , 20mm thick using screened sand over CC bed already laid or RCC roof slab including neat grey cement slurry of honey like consistency spread @ 3.3 Kg per sqm and jointed neatly with white cement paste mixed with pigment of matching shade to full depth including cost and conveyance of all materials like cement , sand , water , granite slabs etc., to work site and all operational, incidental labour & lift charges, half rounding the edge , polishing charges and all other taxes on all materials, cost of base coat and overheads & contractors profit complete for finished item of work for platforms (S.S.701 & special) Second Floor :	Flooring with 16 to 18mm thick high polished granite stone slabs black colour for Platforms	Flooring with 16 to 18mm thick high polished granite stone slabs black colour for Platforms	S.S.701 & special	5534.00	ONE SQM	44272
205	8.00	Flooring with 16 to 18mm thick high polished granite stone slabs black colour as approved by the Engineer-in-Charge of length not less than 2.43 mts set over base coat of cement mortar (1:8) , 20mm thick using screened sand over CC bed already laid or RCC roof slab including neat grey cement slurry of honey like consistency spread @ 3.3 Kg per sqm and jointed neatly with white cement paste mixed with pigment of matching shade to full depth including cost and conveyance of all materials like cement , sand , water , granite slabs etc., to work site and all operational, incidental labour & lift charges, half rounding the edge , polishing charges and all other taxes on all materials, cost of base coat and overheads & contractors profit complete for finished item of work for platforms (S.S.701 & special) Third Floor :	Flooring with 16 to 18mm thick high polished granite stone slabs black colour for Platforms	Flooring with 16 to 18mm thick high polished granite stone slabs black colour for Platforms	S.S.701 & special	5636.00	ONE SQM	45088
206	8.00	Flooring with 16 to 18mm thick high polished granite stone slabs black colour as approved by the Engineer-in-Charge of length not less than 2.43 mts set over base coat of cement mortar (1:8) , 20mm thick using screened sand over CC bed already laid or RCC roof slab including neat grey cement slurry of honey like consistency spread @ 3.3 Kg per sqm and jointed neatly with white cement paste mixed with pigment of matching shade to full depth including cost and conveyance of all materials like cement , sand , water , granite slabs etc., to work site and all operational, incidental labour & lift charges, half rounding the edge , polishing charges and all other taxes on all materials, cost of base coat and overheads & contractors profit complete for finished item of work for platforms (S.S.701 & special) Fourth Floor :	Flooring with 16 to 18mm thick high polished granite stone slabs black colour for Platforms	Flooring with 16 to 18mm thick high polished granite stone slabs black colour for Platforms	S.S.701 & special	5739.00	ONE SQM	45912
207	8.00	Flooring with 16 to 18mm thick high polished granite stone slabs black colour as approved by the Engineer-in-Charge of length not less than 2.43 mts set over base coat of cement mortar (1:8) , 20mm thick using screened sand over CC bed already laid or RCC roof slab including neat grey cement slurry of honey like consistency spread @ 3.3 Kg per sqm and jointed neatly with white cement paste mixed with pigment of matching shade to full depth including cost and conveyance of all materials like cement , sand , water , granite slabs etc., to work site and all operational, incidental labour & lift charges, half rounding the edge , polishing charges and all other taxes on all materials, cost of base coat and overheads & contractors profit complete for finished item of work for platforms (S.S.701 & special) Fifth Floor :	Flooring with 16 to 18mm thick high polished granite stone slabs black colour for Platforms	Flooring with 16 to 18mm thick high polished granite stone slabs black colour for Platforms	S.S.701 & special	5841.00	ONE SQM	46728

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
208	14.00	Flooring with 16 to 18 mm thick High Polished Granite stone slabs black colour as approved by the Engineer-in-Charge of length not less than 2.43 mts set over base coat of cement mortar (1:8) , 20mm thick using screened sand over CC bed already laid or RCC roof slab including neat grey cement slurry of honey like consistency spread @ 3.3 Kg per sqm and jointed neatly with white cement paste mixed with pigment of matching shade to full depth including cost and conveyance of all materials like cement , sand , water , granite slabs etc., to work site and all operational, incidental labour & lift charges, half rounding the edge , polishing charges and all other taxes on all materials, cost of base coat and overheads & contractors profit complete for finished item of work for Sill slabs (S.S.701 & special) Stilt Floor	Flooring with 16 to 18 mm thick High Polished Granite stone slabs black colour for Sill slabs	Flooring with 16 to 18 mm thick High Polished Granite stone slabs black colour for Sill slabs	S.S.701 & special	5328.00	ONE SQM	74592
209	25.00	Flooring with 16 to 18 mm thick High Polished Granite stone slabs black colour as approved by the Engineer-in-Charge of length not less than 2.43 mts set over base coat of cement mortar (1:8) , 20mm thick using screened sand over CC bed already laid or RCC roof slab including neat grey cement slurry of honey like consistency spread @ 3.3 Kg per sqm and jointed neatly with white cement paste mixed with pigment of matching shade to full depth including cost and conveyance of all materials like cement , sand , water , granite slabs etc., to work site and all operational, incidental labour & lift charges, half rounding the edge , polishing charges and all other taxes on all materials, cost of base coat and overheads & contractors profit complete for finished item of work for Sill slabs (S.S.701 & special) First Floor :	Flooring with 16 to 18 mm thick High Polished Granite stone slabs black colour for Sill slabs	Flooring with 16 to 18 mm thick High Polished Granite stone slabs black colour for Sill slabs	S.S.701 & special	5431.00	ONE SQM	135775
210	27.00	Flooring with 16 to 18 mm thick High Polished Granite stone slabs black colour as approved by the Engineer-in-Charge of length not less than 2.43 mts set over base coat of cement mortar (1:8) , 20mm thick using screened sand over CC bed already laid or RCC roof slab including neat grey cement slurry of honey like consistency spread @ 3.3 Kg per sqm and jointed neatly with white cement paste mixed with pigment of matching shade to full depth including cost and conveyance of all materials like cement , sand , water , granite slabs etc., to work site and all operational, incidental labour & lift charges, half rounding the edge , polishing charges and all other taxes on all materials, cost of base coat and overheads & contractors profit complete for finished item of work for Sill slabs (S.S.701 & special) Second Floor :	Flooring with 16 to 18 mm thick High Polished Granite stone slabs black colour for Sill slabs	Flooring with 16 to 18 mm thick High Polished Granite stone slabs black colour for Sill slabs	S.S.701 & special	5534.00	ONE SQM	149418
211	15.00	Flooring with 16 to 18 mm thick High Polished Granite stone slabs black colour as approved by the Engineer-in-Charge of length not less than 2.43 mts set over base coat of cement mortar (1:8) , 20mm thick using screened sand over CC bed already laid or RCC roof slab including neat grey cement slurry of honey like consistency spread @ 3.3 Kg per sqm and jointed neatly with white cement paste mixed with pigment of matching shade to full depth including cost and conveyance of all materials like cement , sand , water , granite slabs etc., to work site and all operational, incidental labour & lift charges, half rounding the edge , polishing charges and all other taxes on all materials, cost of base coat and overheads & contractors profit complete for finished item of work for Sill slabs (S.S.701 & special) Third Floor :	Flooring with 16 to 18 mm thick High Polished Granite stone slabs black colour for Sill slabs	Flooring with 16 to 18 mm thick High Polished Granite stone slabs black colour for Sill slabs	S.S.701 & special	5636.00	ONE SQM	84540
212	16.00	Flooring with 16 to 18 mm thick High Polished Granite stone slabs black colour as approved by the Engineer-in-Charge of length not less than 2.43 mts set over base coat of cement mortar (1:8) , 20mm thick using screened sand over CC bed already laid or RCC roof slab including neat grey cement slurry of honey like consistency spread @ 3.3 Kg per sqm and jointed neatly with white cement paste mixed with pigment of matching shade to full depth including cost and conveyance of all materials like cement , sand , water , granite slabs etc., to work site and all operational, incidental labour & lift charges, half rounding the edge , polishing charges and all other taxes on all materials, cost of base coat and overheads & contractors profit complete for finished item of work for Sill slabs (S.S.701 & special) Fourth Floor :	Flooring with 16 to 18 mm thick High Polished Granite stone slabs black colour for Sill slabs	Flooring with 16 to 18 mm thick High Polished Granite stone slabs black colour for Sill slabs	S.S.701 & special	5739.00	ONE SQM	91824

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
213	16.00	Flooring with 16 to 18 mm thick High Polished Granite stone slabs black colour as approved by the Engineer-in-Charge of length not less than 2.43 mts set over base coat of cement mortar (1:8) , 20mm thick using screened sand over CC bed already laid or RCC roof slab including neat grey cement slurry of honey like consistency spread @ 3.3 Kg per sqm and jointed neatly with white cement paste mixed with pigment of matching shade to full depth including cost and conveyance of all materials like cement , sand , water , granite slabs etc., to work site and all operational, incidental labour & lift charges, half rounding the edge , polishing charges and all other taxes on all materials, cost of base coat and overheads & contractors profit complete for finished item of work for Sill slabs (S.S.701 & special) Fifth Floor :	Flooring with 16 to 18 mm thick High Polished Granite stone slabs black colour for Sill slabs	Flooring with 16 to 18 mm thick High Polished Granite stone slabs black colour for Sill slabs	S.S.701 & special	5841.00	ONE SQM	93456
214	540.00	Providing dadoing to walls with glazed full body ceramic tiles of any size and thickness between 5 to 7mm 1st quality conforming to IS: 13711, IS: 13712, IS: 13630(Parts 1 to 15) of any colour and finish in all shades and designs with borders as approved by Engineer-in-Charge set over base coat of CM(1:3) 12 mm thick using screened sand with cement slurry of honey like consistency spread at the rate of 3.30 kgs per sqm and jointing with white cement paste mixed with pigment of matching shade to full depth, including cost of all materials like tiles, cement, sand and water etc., and overheads & contractors profit complete for finished item of work. (for Toilets). First Floor :	Providing dadoing to walls with glazed full body ceramic tiles for Toilets	Providing dadoing to walls with glazed full body ceramic tiles for Toilets	As directed By Engineer In Charge	874.00	ONE SQM	471960
215	509.00	Providing dadoing to walls with glazed full body ceramic tiles of any size and thickness between 5 to 7mm 1st quality conforming to IS: 13711, IS: 13712, IS: 13630(Parts 1 to 15) of any colour and finish in all shades and designs with borders as approved by Engineer-in-Charge set over base coat of CM(1:3) 12 mm thick using screened sand with cement slurry of honey like consistency spread at the rate of 3.30 kgs per sqm and jointing with white cement paste mixed with pigment of matching shade to full depth, including cost of all materials like tiles, cement, sand and water etc., and overheads & contractors profit complete for finished item of work. (for Toilets). Second Floor :	Providing dadoing to walls with glazed full body ceramic tiles for Toilets	Providing dadoing to walls with glazed full body ceramic tiles for Toilets	As directed By Engineer In Charge	888.00	ONE SQM	451992
216	275.00	Providing dadoing to walls with glazed full body ceramic tiles of any size and thickness between 5 to 7mm 1st quality conforming to IS: 13711, IS: 13712, IS: 13630(Parts 1 to 15) of any colour and finish in all shades and designs with borders as approved by Engineer-in-Charge set over base coat of CM(1:3) 12 mm thick using screened sand with cement slurry of honey like consistency spread at the rate of 3.30 kgs per sqm and jointing with white cement paste mixed with pigment of matching shade to full depth, including cost of all materials like tiles, cement, sand and water etc., and overheads & contractors profit complete for finished item of work. (for Toilets). Third Floor :	Providing dadoing to walls with glazed full body ceramic tiles for Toilets	Providing dadoing to walls with glazed full body ceramic tiles for Toilets	As directed By Engineer In Charge	901.00	ONE SQM	247775
217	218.00	Providing dadoing to walls with glazed full body ceramic tiles of any size and thickness between 5 to 7mm 1st quality conforming to IS: 13711, IS: 13712, IS: 13630(Parts 1 to 15) of any colour and finish in all shades and designs with borders as approved by Engineer-in-Charge set over base coat of CM(1:3) 12 mm thick using screened sand with cement slurry of honey like consistency spread at the rate of 3.30 kgs per sqm and jointing with white cement paste mixed with pigment of matching shade to full depth, including cost of all materials like tiles, cement, sand and water etc., and overheads & contractors profit complete for finished item of work. (for Toilets). Fourth Floor :	Providing dadoing to walls with glazed full body ceramic tiles for Toilets	Providing dadoing to walls with glazed full body ceramic tiles for Toilets	As directed By Engineer In Charge	915.00	ONE SQM	199470
218	218.00	Providing dadoing to walls with glazed full body ceramic tiles of any size and thickness between 5 to 7mm 1st quality conforming to IS: 13711, IS: 13712, IS: 13630(Parts 1 to 15) of any colour and finish in all shades and designs with borders as approved by Engineer-in-Charge set over base coat of CM(1:3) 12 mm thick using screened sand with cement slurry of honey like consistency spread at the rate of 3.30 kgs per sqm and jointing with white cement paste mixed with pigment of matching shade to full depth, including cost of all materials like tiles, cement, sand and water etc., and overheads & contractors profit complete for finished item of work. (for Toilets). Fifth Floor :	Providing dadoing to walls with glazed full body ceramic tiles for Toilets	Providing dadoing to walls with glazed full body ceramic tiles for Toilets	As directed By Engineer In Charge	929.00	ONE SQM	202522

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
219	13.00	Providing dadoing to walls with glazed full body porcelain wall tiles of size 300 x 600 mm with any type of design texture such as marble finish, wooden, bamboo, stone finishes etc., scratch less, stain free and thickness between 6-8 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs with borders as approved by Engineer-in-Charge set over base coat of CM(1:3) 12 mm thick using screened sand with cement slurry of honey like consistency spread at the rate of 3.30 kgs per sqm and jointing with white cement paste mixed with pigment of matching shade to full depth, including cost of all materials like tiles, cement, sand and water etc., complete overheads & contractors profit complete for finished item of work. First Floor :	Providing dadoing to walls with glazed full body porcelain wall tiles of size 300 x 600 mm with any type of design texture	Providing dadoing to walls with glazed full body porcelain wall tiles of size 300 x 600 mm with any type of design texture	As directed By Engineer In Charge	1170.00	ONE SQM	15210
220	10.00	Providing dadoing to walls with glazed full body porcelain wall tiles of size 300 x 600 mm with any type of design texture such as marble finish, wooden, bamboo, stone finishes etc., scratch less, stain free and thickness between 6-8 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs with borders as approved by Engineer-in-Charge set over base coat of CM(1:3) 12 mm thick using screened sand with cement slurry of honey like consistency spread at the rate of 3.30 kgs per sqm and jointing with white cement paste mixed with pigment of matching shade to full depth, including cost of all materials like tiles, cement, sand and water etc., complete overheads & contractors profit complete for finished item of work. Second Floor :	Providing dadoing to walls with glazed full body porcelain wall tiles of size 300 x 600 mm with any type of design texture	Providing dadoing to walls with glazed full body porcelain wall tiles of size 300 x 600 mm with any type of design texture	As directed By Engineer In Charge	1184.00	ONE SQM	11840
221	7.00	Providing dadoing to walls with glazed full body porcelain wall tiles of size 300 x 600 mm with any type of design texture such as marble finish, wooden, bamboo, stone finishes etc., scratch less, stain free and thickness between 6-8 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs with borders as approved by Engineer-in-Charge set over base coat of CM(1:3) 12 mm thick using screened sand with cement slurry of honey like consistency spread at the rate of 3.30 kgs per sqm and jointing with white cement paste mixed with pigment of matching shade to full depth, including cost of all materials like tiles, cement, sand and water etc., complete overheads & contractors profit complete for finished item of work. Third Floor :	Providing dadoing to walls with glazed full body porcelain wall tiles of size 300 x 600 mm with any type of design texture	Providing dadoing to walls with glazed full body porcelain wall tiles of size 300 x 600 mm with any type of design texture	As directed By Engineer In Charge	1198.00	ONE SQM	8386
222	7.00	Providing dadoing to walls with glazed full body porcelain wall tiles of size 300 x 600 mm with any type of design texture such as marble finish, wooden, bamboo, stone finishes etc., scratch less, stain free and thickness between 6-8 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs with borders as approved by Engineer-in-Charge set over base coat of CM(1:3) 12 mm thick using screened sand with cement slurry of honey like consistency spread at the rate of 3.30 kgs per sqm and jointing with white cement paste mixed with pigment of matching shade to full depth, including cost of all materials like tiles, cement, sand and water etc., complete overheads & contractors profit complete for finished item of work. Fourth Floor :	Providing dadoing to walls with glazed full body porcelain wall tiles of size 300 x 600 mm with any type of design texture	Providing dadoing to walls with glazed full body porcelain wall tiles of size 300 x 600 mm with any type of design texture	As directed By Engineer In Charge	1212.00	ONE SQM	8484
223	7.00	Providing dadoing to walls with glazed full body porcelain wall tiles of size 300 x 600 mm with any type of design texture such as marble finish, wooden, bamboo, stone finishes etc., scratch less, stain free and thickness between 6-8 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs with borders as approved by Engineer-in-Charge set over base coat of CM(1:3) 12 mm thick using screened sand with cement slurry of honey like consistency spread at the rate of 3.30 kgs per sqm and jointing with white cement paste mixed with pigment of matching shade to full depth, including cost of all materials like tiles, cement, sand and water etc., complete overheads & contractors profit complete for finished item of work. Fifth Floor :	Providing dadoing to walls with glazed full body porcelain wall tiles of size 300 x 600 mm with any type of design texture	Providing dadoing to walls with glazed full body porcelain wall tiles of size 300 x 600 mm with any type of design texture	As directed By Engineer In Charge	1225.00	ONE SQM	8575
224	65.00	Providing cladding to walls with High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) other than black with regular colours, length equal to flooring slabs set over base coat of CM(1:3) 12 mm thick using screened sand with cement slurry of honey like consistency spread at the rate of 3.30 kgs per sqm and jointing with white cement paste mixed with pigment of matching shade to full depth, including cost of all materials like tiles, cement, sand and water etc., and overheads & contractors profit complete for finished item of work. Stilt Floor	Providing cladding to walls with High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) other than black with regular colours	Providing cladding to walls with High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) other than black with regular colours	As directed By Engineer In Charge	4378.00	ONE SQM	284570

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
225	65.00	Providing cladding to walls with High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) other than black with regular colours, length equal to flooring slabs set over base coat of CM(1:3) 12 mm thick using screened sand with cement slurry of honey like consistency spread at the rate of 3.30 kgs per sqm and jointing with white cement paste mixed with pigment of matching shade to full depth, including cost of all materials like tiles, cement, sand and water etc., and overheads & contractors profit complete for finished item of work. First Floor :	Providing cladding to walls with High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) other than black with regular colours	Providing cladding to walls with High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) other than black with regular colours	As directed By Engineer In Charge	4439.00	ONE SQM	288535
226	31.00	Providing cladding to walls with High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) other than black with regular colours, length equal to flooring slabs set over base coat of CM(1:3) 12 mm thick using screened sand with cement slurry of honey like consistency spread at the rate of 3.30 kgs per sqm and jointing with white cement paste mixed with pigment of matching shade to full depth, including cost of all materials like tiles, cement, sand and water etc., and overheads & contractors profit complete for finished item of work. Second Floor :	Providing cladding to walls with High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) other than black with regular colours	Providing cladding to walls with High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) other than black with regular colours	As directed By Engineer In Charge	4500.00	ONE SQM	139500
227	21.00	Providing cladding to walls with High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) other than black with regular colours, length equal to flooring slabs set over base coat of CM(1:3) 12 mm thick using screened sand with cement slurry of honey like consistency spread at the rate of 3.30 kgs per sqm and jointing with white cement paste mixed with pigment of matching shade to full depth, including cost of all materials like tiles, cement, sand and water etc., and overheads & contractors profit complete for finished item of work. Third Floor :	Providing cladding to walls with High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) other than black with regular colours	Providing cladding to walls with High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) other than black with regular colours	As directed By Engineer In Charge	4561.00	ONE SQM	95781
228	57.00	Providing cladding to walls with High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) other than black with regular colours, length equal to flooring slabs set over base coat of CM(1:3) 12 mm thick using screened sand with cement slurry of honey like consistency spread at the rate of 3.30 kgs per sqm and jointing with white cement paste mixed with pigment of matching shade to full depth, including cost of all materials like tiles, cement, sand and water etc., and overheads & contractors profit complete for finished item of work. Fourth Floor :	Providing cladding to walls with High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) other than black with regular colours	Providing cladding to walls with High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) other than black with regular colours	As directed By Engineer In Charge	4622.00	ONE SQM	263454
229	57.00	Providing cladding to walls with High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) other than black with regular colours, length equal to flooring slabs set over base coat of CM(1:3) 12 mm thick using screened sand with cement slurry of honey like consistency spread at the rate of 3.30 kgs per sqm and jointing with white cement paste mixed with pigment of matching shade to full depth, including cost of all materials like tiles, cement, sand and water etc., and overheads & contractors profit complete for finished item of work. Fifth Floor :	Providing cladding to walls with High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) other than black with regular colours	Providing cladding to walls with High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) other than black with regular colours	As directed By Engineer In Charge	4683.00	ONE SQM	266931
230	83.00	Providing skirting to internal walls to 10 cm height with Double charged / multi charged stain free full body porcelain vitrified tiles with double layer pigment of size 800 x 800 mm and thickness between 9-11 mm 1st quality conforming to IS:15622 - 2017, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs , length equal to flooring tiles, set over base coat of CM(1:3) 12 mm thick using screened sand with cement slurry of honey like consistency spread at the rate of 3.30 kgs per sqm and jointing with white cement paste mixed with pigment of matching shade to full depth, including cost of all materials like tiles, cement, sand and water etc.,and overheads & contractors profit complete for finished item of work.(APSS No.701 &707) Stilt Floor	Providing skirting to internal walls to 10 cm height with Double charged / multi charged stain free full body porcelain vitrified tiles	Providing skirting to internal walls to 10 cm height with Double charged / multi charged stain free full body porcelain vitrified tiles	701 &707	142.00	ONE RMT	11786
231	382.00	Providing skirting to internal walls to 10 cm height with Double charged / multi charged stain free full body porcelain vitrified tiles with double layer pigment of size 800 x 800 mm and thickness between 9-11 mm 1st quality conforming to IS:15622 - 2017, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs , length equal to flooring tiles, set over base coat of CM(1:3) 12 mm thick using screened sand with cement slurry of honey like consistency spread at the rate of 3.30 kgs per sqm and jointing with white cement paste mixed with pigment of matching shade to full depth, including cost of all materials like tiles, cement, sand and water etc.,and overheads & contractors profit complete for finished item of work.(APSS No.701 &707) First Floor :	Providing skirting to internal walls to 10 cm height with Double charged / multi charged stain free full body porcelain vitrified tiles	Providing skirting to internal walls to 10 cm height with Double charged / multi charged stain free full body porcelain vitrified tiles	701 &707	148.00	ONE RMT	56536

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
232	320.00	Providing skirting to internal walls to 10 cm height with Double charged / multi charged stain free full body porcelain vitrified tiles with double layer pigment of size 800 x 800 mm and thickness between 9-11 mm 1st quality conforming to IS:15622 - 2017, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs , length equal to flooring tiles, set over base coat of CM(1:3) 12 mm thick using screened sand with cement slurry of honey like consistency spread at the rate of 3.30 kgs per sqm and jointing with white cement paste mixed with pigment of matching shade to full depth, including cost of all materials like tiles, cement, sand and water etc.,and overheads & contractors profit complete for finished item of work.(APSS No.701 &707) Second Floor :	Providing skirting to internal walls to 10 cm height with Double charged / multi charged stain free full body porcelain vitrified tiles	Providing skirting to internal walls to 10 cm height with Double charged / multi charged stain free full body porcelain vitrified tiles	701 &707	153.00	ONE RMT	48960
233	196.00	Providing skirting to internal walls to 10 cm height with Double charged / multi charged stain free full body porcelain vitrified tiles with double layer pigment of size 800 x 800 mm and thickness between 9-11 mm 1st quality conforming to IS:15622 - 2017, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs , length equal to flooring tiles, set over base coat of CM(1:3) 12 mm thick using screened sand with cement slurry of honey like consistency spread at the rate of 3.30 kgs per sqm and jointing with white cement paste mixed with pigment of matching shade to full depth, including cost of all materials like tiles, cement, sand and water etc.,and overheads & contractors profit complete for finished item of work.(APSS No.701 &707)Third Floor :	Providing skirting to internal walls to 10 cm height with Double charged / multi charged stain free full body porcelain vitrified tiles	Providing skirting to internal walls to 10 cm height with Double charged / multi charged stain free full body porcelain vitrified tiles	701 &707	159.00	ONE RMT	31164
234	200.00	Providing skirting to internal walls to 10 cm height with Double charged / multi charged stain free full body porcelain vitrified tiles with double layer pigment of size 800 x 800 mm and thickness between 9-11 mm 1st quality conforming to IS:15622 - 2017, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs , length equal to flooring tiles, set over base coat of CM(1:3) 12 mm thick using screened sand with cement slurry of honey like consistency spread at the rate of 3.30 kgs per sqm and jointing with white cement paste mixed with pigment of matching shade to full depth, including cost of all materials like tiles, cement, sand and water etc.,and overheads & contractors profit complete for finished item of work.(APSS No.701 &707)Fourth Floor :	Providing skirting to internal walls to 10 cm height with Double charged / multi charged stain free full body porcelain vitrified tiles	Providing skirting to internal walls to 10 cm height with Double charged / multi charged stain free full body porcelain vitrified tiles	701 &707	164.00	ONE RMT	32800
235	200.00	Providing skirting to internal walls to 10 cm height with Double charged / multi charged stain free full body porcelain vitrified tiles with double layer pigment of size 800 x 800 mm and thickness between 9-11 mm 1st quality conforming to IS:15622 - 2017, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs , length equal to flooring tiles, set over base coat of CM(1:3) 12 mm thick using screened sand with cement slurry of honey like consistency spread at the rate of 3.30 kgs per sqm and jointing with white cement paste mixed with pigment of matching shade to full depth, including cost of all materials like tiles, cement, sand and water etc.,and overheads & contractors profit complete for finished item of work.(APSS No.701 &707) Fifth Floor :	Providing skirting to internal walls to 10 cm height with Double charged / multi charged stain free full body porcelain vitrified tiles	Providing skirting to internal walls to 10 cm height with Double charged / multi charged stain free full body porcelain vitrified tiles	701 &707	170.00	ONE RMT	34000
236	41.00	Providing skirting to internal walls 10cm height with High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) other than black with regular colours, length equal to flooring slabs set over base coat of CM(1:3) 12 mm thick using screened sand with cement slurry of honey like consistency spread at the rate of 3.30 kgs per sqm and jointing with white cement paste mixed with pigment of matching shade to full depth, including cost of all materials like tiles, cement, sand and water etc., and overheads & contractors profit complete for finished item of work. Stilt Floor	Providing skirting to internal walls 10cm height with High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) other than black with regular colours	Providing skirting to internal walls 10cm height with High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) other than black with regular colours	As directed By Engineer In Charge	689.00	ONE RMT	28249
237	41.00	Providing skirting to internal walls 10cm height with High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) other than black with regular colours, length equal to flooring slabs set over base coat of CM(1:3) 12 mm thick using screened sand with cement slurry of honey like consistency spread at the rate of 3.30 kgs per sqm and jointing with white cement paste mixed with pigment of matching shade to full depth, including cost of all materials like tiles, cement, sand and water etc., and overheads & contractors profit complete for finished item of work. First Floor :	Providing skirting to internal walls 10cm height with High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) other than black with regular colours	Providing skirting to internal walls 10cm height with High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) other than black with regular colours	As directed By Engineer In Charge	698.00	ONE RMT	28618

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
238	109.00	Providing skirting to internal walls 10cm height with High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) other than black with regular colours, length equal to flooring slabs set over base coat of CM(1:3) 12 mm thick using screened sand with cement slurry of honey like consistency spread at the rate of 3.30 kgs per sqm and jointing with white cement paste mixed with pigment of matching shade to full depth, including cost of all materials like tiles, cement, sand and water etc., and overheads & contractors profit complete for finished item of work. Second Floor :	Providing skirting to internal walls 10cm height with High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) other than black with regular colours	Providing skirting to internal walls 10cm height with High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) other than black with regular colours	As directed By Engineer In Charge	707.00	ONE RMT	77063
239	20.00	Providing skirting to internal walls 10cm height with High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) other than black with regular colours, length equal to flooring slabs set over base coat of CM(1:3) 12 mm thick using screened sand with cement slurry of honey like consistency spread at the rate of 3.30 kgs per sqm and jointing with white cement paste mixed with pigment of matching shade to full depth, including cost of all materials like tiles, cement, sand and water etc., and overheads & contractors profit complete for finished item of work. Third Floor :	Providing skirting to internal walls 10cm height with High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) other than black with regular colours	Providing skirting to internal walls 10cm height with High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) other than black with regular colours	As directed By Engineer In Charge	716.00	ONE RMT	14320
240	20.00	Providing skirting to internal walls 10cm height with High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) other than black with regular colours, length equal to flooring slabs set over base coat of CM(1:3) 12 mm thick using screened sand with cement slurry of honey like consistency spread at the rate of 3.30 kgs per sqm and jointing with white cement paste mixed with pigment of matching shade to full depth, including cost of all materials like tiles, cement, sand and water etc., and overheads & contractors profit complete for finished item of work. Fourth Floor :	Providing skirting to internal walls 10cm height with High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) other than black with regular colours	Providing skirting to internal walls 10cm height with High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) other than black with regular colours	As directed By Engineer In Charge	725.00	ONE RMT	14500
241	20.00	Providing skirting to internal walls 10cm height with High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) other than black with regular colours, length equal to flooring slabs set over base coat of CM(1:3) 12 mm thick using screened sand with cement slurry of honey like consistency spread at the rate of 3.30 kgs per sqm and jointing with white cement paste mixed with pigment of matching shade to full depth, including cost of all materials like tiles, cement, sand and water etc., and overheads & contractors profit complete for finished item of work. Fifth Floor :	Providing skirting to internal walls 10cm height with High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) other than black with regular colours	Providing skirting to internal walls 10cm height with High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) other than black with regular colours	As directed By Engineer In Charge	734.00	ONE RMT	14680
242	26.00	Providing skirting to internal walls to 10.00 cm height with Polished Shahabad/Tandur stone slabs 15mm to 18mm thick, length equal to flooring stones set over base coat of CM(1:3) 12 mm thick using screened sand with cement slurry of honey like consistency spread at the rate of 3.30 kgs per sqm and jointing with white cement paste mixed with pigment of matching shade to full depth, including cost of all materials like tiles, cement, sand and water etc., complete and overheads & contractors profit complete for finished item of work.(APSS No.701 &707) Stilt Floor	Providing skirting to internal walls to 10.00 cm height with Polished Shahabad/Tandur stone slabs 15mm to 18mm thick	Providing skirting to internal walls to 10.00 cm height with Polished Shahabad/Tandur stone slabs 15mm to 18mm thick	701 &707	98.00	ONE RMT	2548
243	381.00	Providing 160 mm Dia ISI marked PVC down water take pipes with socket , 2.5mm thick 4.0 kg/sq.cm pressure of ISI marked including cost of necessary PVC Bends, shoes, iron / PVC clamps and all other accessories and fixing in position including cost and conveyance of all materials, sales & other taxes on materials to site, operational & incidental charges including all labour charges for fixing at site etc., and overheads & contractors profit complete for finished item of work. (APSS No. 1328)	Providing 160 mm Dia ISI marked PVC down water take pipes with socket	Providing 160 mm Dia ISI marked PVC down water take pipes with socket	1328	685.00	ONE RMT	260985

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
244	68.64	Supply and fixing of doors as per approved drawings with medium teak wood frame of section 100mm x 65 mm with split type fan light of 500mm at the top fixed with 4mm thick pin headed glass using 12mm x 12mm Teak Wood beading and 2 Nos. of 10mm MS Square bars and ISI marked flush door shutter of 30mm thick double shutters with bond wood solid block board type core having cross bands and face veneers, hot pressed bonded with water proof phenol formaldehyde synthetic resin factory made conforming to IS 2202-1991 (Part-I) both sides commercial ply with internal lipping on all sides, fixing 1mm thick mat finish laminated sheet to full width and height of the flush shutter both sides including cost and conveyance to site of teak wood frame, flush shutter, laminate sheet including supply and fixing 6 Nos. MS Z hold fasts of size 300 mm x 40 mm x 5mm including cost of ISI marked Aluminium fixtures of 6 Nos. butt hinges (IS:205) 150mm long, 1 No. aldrop (IS:2681) 300mm long, 2 Nos. tower bolts (IS:204) of 200 mm x 10 mm dia at top, 2 Nos. 150mm long handles (IS:208), 2 Nos. door stoppers and 2 Nos. Rubber / Nylon door stop bushes including fixing the fixtures to door with required number of screws, bolt and nuts including labour charges for fixing the frame in position, fixing the shutter to the frame, fixing glass in fan light portion etc, including overheads & contractors profit complete for finished item of work as per APSS 1001 & 1002 (The vertical frame of door shall be embedded in flooring for a depth of not less than 10 mm) (1200mm x 2600mm) For all Floors	Supply and fixing of doors as per approved drawings with medium teak wood frame of section of size (1200mm x 2600mm)	Supply and fixing of doors as per approved drawings with medium teak wood frame of section of size (1200mm x 2600mm)	1001 & 1002	5487.00	ONE SQM	376628
245	5.67	Supply and fixing doors as per drawings with medium teak wood frame of section 100mm x 65 mm and ISI marked flush door shutters of 30 mm thick single shutter with bond wood solid block board type Core having cross bands and face veneers, hot pressed bonded with water proof phenol formaldehyde synthetic resin factory made conforming to IS 2202-1991 (Part-I) both sides commercial ply with internal lipping on all sides including cost and conveyance to site of teak wood frame, flush shutter including supply and fixing 6 Nos. MS Z hold fasts of size 300 mm x 40 mm x 5mm including cost of ISI marked Aluminium fixtures of 3 Nos. butt hinges (IS:205) 150mm long, 1 No. aldrop (IS:2681) 300mm long, 1 No. tower bolt (IS:204) of 200 mm x 10 mm dia at top, 2 Nos. 150 mm long handles (IS:208), 1 No. door stopper and 1 No. rubber bush including fixing the fixtures to door with required number of screws, bolt and nuts including labour charges for fixing the frame in position, fixing the shutter to the frame etc, including overheads & contractors profit complete for finished item of work as per APSS 1001 & 1002 (The vertical frame of door shall be embedded in flooring for a depth of not less than 10 mm) (900mm x 2100mm).	Supply and fixing of doors as per approved drawings with medium teak wood frame of section of size 900mm x 2100mm	Supply and fixing of doors as per approved drawings with medium teak wood frame of section of size 900mm x 2100mm	1001 & 1002	4959.00	ONE SQM	28118
246	67.20	Providing of Factory made prelaminate FPVC (Foamed Polyvinyl Chloride) Door frame of the size 105x40mm with a wall thickness of 10mm made out of extruded rigid FPVC profile mitre joined with 6 Nos. of 50mm long screw. The door frame shall be fixed to the wall by using 80mm long screws through the frame with the help of PVC fasteners of 3 no's to be provided for each vertical member, GI stiffeners of ("U" channel of size 29x9x1mm, 150mm long) -3 no's at hinge point, Frame reinforcement of("U" GI channel of size 46x22x.06mm),Bottom tie rod of ("U" GI channel size of 15x15x1mm) etc. complete as per manufacturers specification for finished item of work. Maximum door frame size : 980 x 2070 including providing of 35mm thick Factory made Prelaminated ABS (Acrylonitrile Butadyne Styrene) Door shutter moulded in different designs, consisting of all round Frame made out of water proof solid foam PVC bar of size 20x32mm, reinforced by 32x 32mm - 2 nos. for vertical made out of LVL (Laminated Veneer Lumber), core material of 32 mm thick high density craft paper honey comb board, sandwiched on both sides with prelaminate ABS sheet thickness of 1.5mm . PVC edge banding of size 0.45mm on the vertical sides. Hardware made out of steel coated butterfly hinges - 3 Nos. for each shutter and ISI make S.S round lock completes for finished item of work. Maximum shutter size of :910x2030mm as per the design approved by the Engineer-in-Charge inside including labour charges for fixing the frame in position, fixing the shutter to the frame etc., including overheads & contractors profit complete for finished item of work. Toilet Door 800mm x 2100mm	Providing of Factory made prelaminate FPVC (Foamed Polyvinyl Chloride) Door frame of the size 105x40mm with a wall thickness of 10mm made out of extruded rigid FPVC profile Toilet Door 800mm x 2100mm	Providing of Factory made prelaminate FPVC (Foamed Polyvinyl Chloride) Door frame of the size 105x40mm with a wall thickness of 10mm made out of extruded rigid FPVC profile Toilet Door 800mm x 2100mm	As directed By Engineer In Charge	9241.00	ONE SQM	620995

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
247	128.52	Providing of Factory made prelaminated FPVC (Foamed Polyvinyl Chloride) Door frame of the size 105x40mm with a wall thickness of 10mm made out of extruded rigid FPVC profile mitre joined with 6 Nos. of 50mm long screw. The door frame shall be fixed to the wall by using 80mm long screws through the frame with the help of PVC fasteners of 3 no's to be provided for each vertical member. GI stiffeners of ("U" channel of size 29x9x1mm, 150mm long) -3 no's at hinge point, Frame reinforcement of("U" GI channel of size 46x22x.06mm),Bottom tie rod of ("U" GI channel size of 15x15x1mm) etc. complete as per manufacturers specification for finished item of work. Maximum door frame size : 980 x 2070 including providing of 35mm thick Factory made Prelaminated ABS (Acrolynitrile Butadyne Styrene) Door shutter moulded in different designs, consisting of all round Frame made out of water proof solid foam PVC bar of size 20x32mm, reinforced by 32x 32mm - 2 nos. for vertical made out of LVL (Laminated Veneer Lumber), core material of 32 mm thick high density craft paper honey comb board, sandwiched on both sides with prelaminated ABS sheet thickness of 1.5mm . PVC edge banding of size 0.45mm on the vertical sides. Hardware made out of steel coated butterfly hinges - 3 Nos. for each shutter and ISI make S.S round lock completes for finished item of work. Maximum shutter size of :910x2030mm as per the design approved by the Engineer-in-Charge inside including labour charges for fixing the frame in position, fixing the shutter to the frame etc., including overheads & contractors profit complete for finished item of work. 900mm x 2100mm	Providing of Factory made prelaminated FPVC (Foamed Polyvinyl Chloride) Door frame of the size 105x40mm with a wall thickness of 10mm made out of extruded rigid FPVC profile 900mm x 2100mm	Providing of Factory made prelaminated FPVC (Foamed Polyvinyl Chloride) Door frame of the size 105x40mm with a wall thickness of 10mm made out of extruded rigid FPVC profile 900mm x 2100mm	As directed By Engineer In Charge	9241.00	ONE SQM	1187653
248	12.60	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) sliding doors three track - two glass shutters sliding and one mesh shutter sliding- 95 - Series duly manufactured using UPVC reinforced profiles of (108 mm x 45 mm)/(95.50 mm x 60 mm) x 2.0 mm for outer frames, (75 mm x 39 mm)/(66 mm x 42 mm) x 2.0 mm for sliding door shutter frames capable of mounting single glazing system, structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.2 mm prefabricated & welded through fusion welding the window sash shall be fitted with 5 mm thick clear float glass of reputed make and mesh shutter shall be made of (48.5 mm x 30 mm)/(50 mm x 26.5 mm) x 2.0 mm UPVC profile section and fitted with nylon/polymer mesh and rollers/pulley duly fixed with TPV Gaskets/ EPDM weathering seal resistant accessories like clipping locking system made of aluminium 1 No., per set of sashes and the system is to be installed at the site using anchor fasteners, silicon rubber sealant, easy glazing/ deglazing at site etc., including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing, overheads and contractors profit etc., complete for finished item of work	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) sliding doors three track - two glass shutters sliding and one mesh shutter sliding	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) sliding doors three track - two glass shutters sliding and one mesh shutter sliding	As directed By Engineer In Charge	8008.00	ONE SQM	100901
249	1324.00	Providing and supplying aluminium extruded tubular and other aluminium sections as per the architectural drawings and approved shop drawings , the aluminium quality as per grade 6063 T5 or T6 as per BS 1474,including super durable powder coating of 60 to 80 microns conforming to AAMA 2604 of required colour and shade as approved by the Engineer-in-Charge. (The item includes cost of material such as cleats, sleeves, screws etc. necessary for fabrication of extruded aluminium frame work. Nothing extra shall be paid on this account). including cost and conveyance of all material to site, all labour charges, all incidental charges, hire and operational charges of all equipment, all taxes except GST and overheads and contractor's profit etc complete Windows	Providing and supplying aluminium extruded tubular and other aluminium sections for windows	Providing and supplying aluminium extruded tubular and other aluminium sections for windows	As directed By Engineer In Charge	490.00	ONE KG	648760
250	120.00	Providing and supplying aluminium extruded tubular and other aluminium sections as per the architectural drawings and approved shop drawings , the aluminium quality as per grade 6063 T5 or T6 as per BS 1474,including super durable powder coating of 60 to 80 microns conforming to AAMA 2604 of required colour and shade as approved by the Engineer-in-Charge. (The item includes cost of material such as cleats, sleeves, screws etc. necessary for fabrication of extruded aluminium frame work. Nothing extra shall be paid on this account). including cost and conveyance of all material to site, all labour charges, all incidental charges, hire and operational charges of all equipment, all taxes except GST and overheads and contractor's profit etc complete Ventilators	Providing and supplying aluminium extruded tubular and other aluminium sections for Ventilators	Providing and supplying aluminium extruded tubular and other aluminium sections for Ventilators	As directed By Engineer In Charge	490.00	ONE KG	58800

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
251	14160.00	Providing and supplying aluminium extruded tubular and other aluminium sections as per the architectural drawings and approved shop drawings , the aluminium quality as per grade 6063 T5 or T6 as per BS 1474,including super durable powder coating of 60 to 80 microns conforming to AAMA 2604 of required colour and shade as approved by the Engineer-in-Charge. (The item includes cost of material such as cleats, sleeves, screws etc. necessary for fabrication of extruded aluminium frame work. Nothing extra shall be paid on this account). including cost and conveyance of all material to site, all labour charges, all incidental charges, hire and operational charges of all equipment, all taxes except GST and overheads and contractor's profit etc complete Strutural glazing	Providing and supplying aluminium extruded tubular and other aluminium sections for Strutural glazing	Providing and supplying aluminium extruded tubular and other aluminium sections for Strutural glazing	As directed By Engineer In Charge	490.00	ONE KG	6938400
252	132.30	Supplying and fixing of hermetically Sealed Insulated (IGU) Double Glazed Glass Unit (DGU) with 5 mm thick toughened Clear Glass both sides and hollow aluminium spacer bar frames where frame is bent at 90 degree angle and assembled with only one joint, called a bent frame filled with desiccant of appropriate grade molecular sieve desiccant of adsorption capacity by weight, 20-30% by weight, capacity to dry air down to an extremely low PPMv level, <100 ppm (%RH) fixed to the glasses of specified thickness and quality with primary and secondary sealants of Poly ISO Butylene, or Butyl, primary sealant and Silicone and Polysulfide secondary sealants, to help fixing the IGU at the time of assembly and protect the gas filled spaces from moisture vapor penetration, chemical attack from cleaning fluids and glazing products, and liquid water penetration due to rain or condensation ., including cost and conveyance of all materials,accessories, labour charges for transportation, erection at site including overheads and contractor profit etc., complete for finished item of work for Type I - Dry Air Insulated - Regular IGU Windows	Supplying and fixing of hermetically Sealed Insulated (IGU) Double Glazed Glass Unit (DGU) with 5 mm thick toughened Clear Glass both sides for windows	Supplying and fixing of hermetically Sealed Insulated (IGU) Double Glazed Glass Unit (DGU) with 5 mm thick toughened Clear Glass both sides for windows	As directed By Engineer In Charge	3580.00	ONE SQM	473634
253	12.00	Supplying and fixing of hermetically Sealed Insulated (IGU) Double Glazed Glass Unit (DGU) with 5 mm thick toughened Clear Glass both sides and hollow aluminium spacer bar frames where frame is bent at 90 degree angle and assembled with only one joint, called a bent frame filled with desiccant of appropriate grade molecular sieve desiccant of adsorption capacity by weight, 20-30% by weight, capacity to dry air down to an extremely low PPMv level, <100 ppm (%RH) fixed to the glasses of specified thickness and quality with primary and secondary sealants of Poly ISO Butylene, or Butyl, primary sealant and Silicone and Polysulfide secondary sealants, to help fixing the IGU at the time of assembly and protect the gas filled spaces from moisture vapor penetration, chemical attack from cleaning fluids and glazing products, and liquid water penetration due to rain or condensation ., including cost and conveyance of all materials,accessories, labour charges for transportation, erection at site including overheads and contractor profit etc., complete for finished item of work for Type I - Dry Air Insulated - Regular IGU Ventilators	Supplying and fixing of hermetically Sealed Insulated (IGU) Double Glazed Glass Unit (DGU) with 5 mm thick toughened Clear Glass both sides for Ventilators	Supplying and fixing of hermetically Sealed Insulated (IGU) Double Glazed Glass Unit (DGU) with 5 mm thick toughened Clear Glass both sides for Ventilators	As directed By Engineer In Charge	3580.00	ONE SQM	42960
254	1416.00	Supplying and fixing of hermetically Sealed Insulated (IGU) Double Glazed Glass Unit (DGU) with 5 mm thick toughened Clear Glass both sides and hollow aluminium spacer bar frames where frame is bent at 90 degree angle and assembled with only one joint, called a bent frame filled with desiccant of appropriate grade molecular sieve desiccant of adsorption capacity by weight, 20-30% by weight, capacity to dry air down to an extremely low PPMv level, <100 ppm (%RH) fixed to the glasses of specified thickness and quality with primary and secondary sealants of Poly ISO Butylene, or Butyl, primary sealant and Silicone and Polysulfide secondary sealants, to help fixing the IGU at the time of assembly and protect the gas filled spaces from moisture vapor penetration, chemical attack from cleaning fluids and glazing products, and liquid water penetration due to rain or condensation ., including cost and conveyance of all materials,accessories, labour charges for transportation, erection at site including overheads and contractor profit etc., complete for finished item of work for Type I - Dry Air Insulated - Regular IGU Strutural glazing	Supplying and fixing of hermetically Sealed Insulated (IGU) Double Glazed Glass Unit (DGU) with 5 mm thick toughened Clear Glass both sides for Strutural glazing	Supplying and fixing of hermetically Sealed Insulated (IGU) Double Glazed Glass Unit (DGU) with 5 mm thick toughened Clear Glass both sides for Strutural glazing	As directed By Engineer In Charge	3580.00	ONE SQM	5069280

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
255	81.00	Supplying and fixing of stainless steel (grade 304) hand railing as per approved drawing and as approved by Engineer-in-charge with top rail of 50mm dia pipe and 2mm thick medium class and vertical posts of 25mm dia and 1.6mm thick medium class 2 Nos for each step fixed with base plate of 75mm dia using bonding agent and anchor fastner and welding, drilling of 25mm dia holes with pneumatic compressor for fixing railing, buffing, polishing all members of the railing thoroughly, lacquer finishing to present seamless finish including cost and conveyance of all materials, electrodes, welding charges, cost of all consumables, labour charges, overheads & contractors profit etc., complete for finished item of work.	Supplying and fixing of stainless steel (grade 304) hand railing	Supplying and fixing of stainless steel (grade 304) hand railing	As directed By Engineer In Charge	6162.00	ONE SQM	499122
256	20.00	Supplying and fixing of Stainless steel (grade 304) Glass hand railing with 6 mm thick toughened plain glass ,as per approved drawing with top rail of 50mm dia pipe and 2mm thick medium class and vertical posts of 25mm dia and 1.6mm thick medium class 2 Nos for each step fixed with base plate of 75mm dia and fixing glass with D brackets using bonding agent and anchor fastner and welding, drilling of 25mm dia holes with pneumatic compressor for fixing railing, buffing, polishing all members of the railing thoroughly, lacquer finishing to present seamless finish including cost and conveyance of all materials, electrodes, welding charges, cost of all consumables, labour charges, overheads & contractors profit etc., complete for finished item of work.	Supplying and fixing of Stainless steel (grade 304) Glass hand railing with 6 mm thick toughened plain glass	Supplying and fixing of Stainless steel (grade 304) Glass hand railing with 6 mm thick toughened plain glass	As directed By Engineer In Charge	8035.00	ONE SQM	167000
257	45.00	Supplying and fixing of stainless steel (grade 304) 50mm dia pipe and 2mm thick medium class Grip bar along the Ramp flight/Staircase Flight as per approved drawing including cost and conveyance of all materials to site, buffing charges, polishing charges, overheads & contractors profit etc complete for finished item of work.	Vaccum dewatering cement concrete flooring 75mm thick using M 20 grade design mix	Supplying and fixing of stainless steel (grade 304) 50mm dia pipe and 2mm thick medium class Grip bar	As directed By Engineer In Charge	1689.00	ONE RMT	76005
258	9.00	RCM facia 50mm thick in CM (1:3) using screened sand for drop walls, fins with rabbit wire mesh & nomianl reinforcement as directred by Engineer - In Charge with dubara sponge finishing,including cost and conveyance of all materials to site, sales & othertaxes on all materials, operational & incidental, cost and conveyance of cement, wire mesh, water to work site, centering, scaffolding and form work,lift charges etc., and overheads & contractors profit complete for finished item of work but excluding cost of steel and its fabrication charges for finished item of work (APSS NO.403&903). Stilt Floor	RCM facia 50mm thick in CM (1:3) using screened sand for drop walls, fins with rabbit wire mesh & nomianl reinforcement	RCM facia 50mm thick in CM (1:3) using screened sand for drop walls, fins with rabbit wire mesh & nomianl reinforcement	403&903	3331.00	ONE SQM	29979
259	9.00	Supply & fixing of Rolling shutter made of 80 x 1.25 mm machine rolled CRCA laths, interlocked together through their entire length and jointed together at the ends by end-locks, mounted on specially designed pipe shaft of 50mm dia nominal bore MS B class pipe with brackets, plates, guide channels, stoppers, bottom locking plates and arrangements for inside & outside locking with push-pull operations including cost of hood cover and springs complete, painted with one coat of approved steel primer, locks, ball bearings, all accessories etc., overheads & contractors profit complete for finished item of work as per special spn: 1108 Stilt Floor	Supply & fixing of Rolling shutter made of 80 x 1.25 mm machine rolled CRCA laths,	Supply & fixing of Rolling shutter made of 80 x 1.25 mm machine rolled CRCA laths,	special spn: 1108	5034.00	ONE SQM	45306
260	6594.00	White washing two coats with white cement paint to ceiling to give an even shade after thoroughly brushing the surface to remove all dirt and remains of loose powdered materials including cost of all materials, labour charges and incidental such as scaffolding, lift charges etc., and overheads & contractors profit complete for finished item of work in all floors.	vWhite washing two coats with white cement to ceiling	vWhite washing two coats with white cement to ceiling	As directed By Engineer In Charge	54.00	ONE SQM	356076
261	12954.00	Providing and applying Wall putty of White Cement or Polymer or Cement based of average 1 to 2 mm thickness over plastered surface to prepare the surface even and smooth after thoroughly brushing the surface to remove all dirt and remains of loose powdered materials, applying emery paper, Sand the surface, clean & wipe off loose dust, applying knifing paste filler by puty knife / muslin pad, air dry for 2 - 3 hrs, sand with 180 and 320 No., emery paper for the surface preparation including cost and conveyance of all materials to work site and all operational, incidental, labour charges, over heads and contractors profit etc., complete for finished item of work in all floors for Internal walls & celing.	Providing and applying Wall putty of White Cement or Polymer or Cement for internal walls	Providing and applying Wall putty of White Cement or Polymer or Cement for internal walls	As directed By Engineer In Charge	267.00	ONE SQM	3458718

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
262	13206.00	Supply & application of one coat water based cement primer of interior grade I and two coats of acrylic emulsion paint interior premium having VOC (Volatile Organic Compound) content less than 50 grams/litre for internal walls including cost and conveyance of all materials to site, sales & other taxes, incidental, operational and all labour charges etc.,as approved by Engineer-in-charge and overheads & contractors profit complete for finished item of work in all floors.	Supply & application of one coat water based cement primer of interior grade I and two coats of acrylic emulsion paint interior premium having VOC For Internal Walls	Supply & application of one coat water based cement primer of interior grade I and two coats of acrylic emulsion paint interior premium having VOC For Internal Walls	As directed By Engineer In Charge	220.00	ONE SQM	2905320
263	4586.00	Supply & application of one coat water based cement primer of exterior grade II and two coats of acrylic emulsion paint weather proof water based, modified acrylic with silicon additives exterior grade having VOC (Volatile Organic Compound) content less than 30 grams/ Lit. for exterior walls including cost and conveyance of all materials to site, sales & other taxes, incidental, operational and all labour charges etc., as approved by Engineer-in-charge and overheads & contractors profit complete for finished item of work in all floors.	Supply & application of one coat water based cement primer of exterior grade II and two coats of acrylic emulsion paint weather proof water based, modified acrylic with silicon additives exterior grade having VOC for Externwal Walls	Supply & application of one coat water based cement primer of exterior grade II and two coats of acrylic emulsion paint weather proof water based, modified acrylic with silicon additives exterior grade having VOC for Externwal Walls	As directed By Engineer In Charge	319.00	ONE SQM	1462934
264	370.00	Providing and applying Exterior grade Texture ready mixed paint with sand texture added sand particles Acrylic copolymers and mineral compounds, bactericides and various additives of average 2 to 3 mm thickness over plastered surface to prepare the surface even and smooth after thoroughly brushing the surface to remove all dirt and remains of loose powdered materials, applying emery paper, Sand the surface, clean & wipe off loose dust, applying putty/ texture paint filler by putty knife / muslin pad, air dry for 2 - 3 hrs for the surface preparation including cost and conveyance of all materials to work site and all operational, incidental, labour charges, scaffolding charges, as approved by Engineer-in-charge ,overheads and contractors profit etc., complete for finished item of work in all floors for external walls.	Providing and applying Exterior grade Texture ready mixed paint with sand texture added sand particles Acrylic copolymers and mineral compounds for External Walls	Providing and applying Exterior grade Texture ready mixed paint with sand texture added sand particles Acrylic copolymers and mineral compounds for External Walls	As directed By Engineer In Charge	345.00	ONE SQM	127650
265	78.00	Painting to new wood work and flush shutters with lappam finish, over a primary coat and painting two coats of synthetic enamel paint Grade-II VOC (Volatile Organic Compound) content less than 50 grams/litre of approved shade including cost and conveyance of all materials to site cost of primer coat and all labour charges etc. complete including applying sand paper on lappam coats for neat finish including sales & other taxes on cost of all materials etc., and overheads & contractors profit complete in all floors (APSS No.1200, 1207 & 1211).	Painting to new wood work and flush shutters with lappam finish, over a primary coat and painting two coats of synthetic enamel paint Grade-II VOC	Painting to new wood work and flush shutters with lappam finish, over a primary coat and painting two coats of synthetic enamel paint Grade-II VOC	1200, 1207 & 1211	239.00	ONE SQM	18642
266	53.00	Painting two coats with Supply of ready mixed Synthetic Enamel in all shades Grade - I / Polyurethane full gloss Enamel (IS - 13213) paints having VOC (Volatile Organic Compound) content less than 30 grams/ Lit. over primer coat of red oxide to new iron work including cost and conveyance of all materials to site, sales & other taxes, incidental, operational and all labour charges etc., and overheads & contractors profit complete for finished item of work in all floors. (SS No. 1201, 1212 & 1207). For Compoid wall	Painting two coats with Supply of ready mixed Synthetic Enamel in all shades Grade - I / Polyurethane full gloss Enamel	Painting two coats with Supply of ready mixed Synthetic Enamel in all shades Grade - I / Polyurethane full gloss Enamel	1201, 1212 & 1207	215.00	ONE SQM	11395
267	3968.16	Supplying and fixing Gyp Board Suspended regular single layer false ceiling (GS-MFSC-4.1) using 12.5 mm thick Gyp Board conforming to IS 2095 - 1993 fixing to Gyp steel GI perimeter channels of size 20 mm x 27 mm x 30 mm(web) of 0.55 mm thick along the perimeter of ceiling screw fixed to brick work/ partition at 610 mm c/c and suspending the frame work using Intermediate channels (45 mm x 15mm x 15mm x 0.9 mm) from soffit at 1220 mm c/c with ceiling angle (25 mm x 10 mm x 0.55 mm) fixed with GI Cleat and steel expansion fasteners & connecting clip to the ceiling channels (with knurled web of 51.5 mm x 26 mm x 10.5 mm x 0.55 mm) fixed in direction perpendicular to the intermediate channel at 457 mm c/c and fixing the 12.5 mm tapered edge Gypboard with 25 mm drywall screws at 230 mm c/c & jointing and finishing using joint compound and paper tape to have a flush look including filling the tapered & square edges with jointing compound, two coats of drywall topcoa including overheads and contractor profit etc., complete for finished item of work.	Supplying and fixing Gyp Board Suspended regular single layer false ceiling	Supplying and fixing Gyp Board Suspended regular single layer false ceiling	As directed By Engineer In Charge	1274.00	ONE SQM	5055438

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
268	28.00	Supplying and fixing of Pre-painted Galvalume Trapezoidal Profile Roofing sheets with 0.50mm thickness. Coating: Alu-Zinc coating AZ150 GSM. Tensile Strength: 550 MPA. Paint coating: Regular Modified Polyester painting. Painting Thickness (Top): 18 to 20 Microns, (Bottom): 5 to 7 Microns. Sheet Width: 1.020, Length: Maximum 12 Meters with Regular Range Colours fixed with G.I 'J' bolts & nuts 8 mm dia with bitumen & G.I limpet washers filled with white lead & including a coat of approved steel primer and two coats of approved paint on over lapping of sheets complete (up to a pitch of 600) etc., complete, excluding the cost of purlins, rafters, trusses including cost and conveyance of all materials , labour charges , overheads and contractors profit etc., complete for finished item of work Head Rooms	Supplying and fixing of Pre-painted Galvalume Trapezoidal Profile Roofing sheets with 0.50mm thickness	Supplying and fixing of Pre-painted Galvalume Trapezoidal Profile Roofing sheets with 0.50mm thickness	As directed By Engineer In Charge	853.00	ONE SQM	23884
269	12.00	Supplying and fixing 50mm dia nominal bore Medium Grade properties & weight as per IS 1239 ISI mark MS Tube for fixing of GI Sheet including cost and conveyance of all materials to work site and all operational, incidental, labour charges , overheads & contractors profit for finished item of work.etc., complete for finished item of work in all floors for stair case head room roof.	Supplying and fixing 50mm dia nominal bore Medium Grade properties & weight	Supplying and fixing 50mm dia nominal bore Medium Grade properties & weight	As directed By Engineer In Charge	722.00	ONE RMT	8664
270	11201.00	Providing, fabricating and fixing in position of Structural Steel hollow Square & Rectangular sections conforming to IS 4923-1997 as shown in the detailed approved drawings including cutting, welding, hoisting & including cost and conveyance of all materials, all taxes, labour charges for fabrication erection at site work for all heights etc., complete, all taxes except GST as directed by the Engineer-in-Charge for finished item of work	Providing, fabricating and fixing in position of Structural Steel hollow Square & Rectangular sections	Providing, fabricating and fixing in position of Structural Steel hollow Square & Rectangular sections	As directed By Engineer In Charge	171.00	ONE KG	1915371
271	3.20	Providing and fixing of Expansion joint filler board for buildings, columns, beams and slabs 25 mm thick including cost and conveyance of all materials to site, all incidental, operational, labour charges etc. overheads & contractors profit complete for finished item of work as per approved drawing for all floors For Compound wall	Providing and fixing of Expansion joint filler board for buildings, columns, beams and slabs 25 mm thick	Providing and fixing of Expansion joint filler board for buildings, columns, beams and slabs 25 mm thick	As directed By Engineer In Charge	466.00	ONE SQM	1491
272	2638.00	Supplying and fabricating, erecting and fixing in steel works like Window Grills, Compound Wall Grills, Iron Doors, Windows including cost of welding rods, power charges of approved design and including cost and conveyance of all materials, labour charges for erecting & fixing all structural steel works erecting in position and fixing etc., complete in position, labour charges for fabrication, all incidental charges, overheads and contractor profit etc., complete for finished item of work as directed by the Engineer-in-Charge	Supplying and fabricating, erecting and fixing in steel works like Window Grills, Compound Wall Grills, Iron Doors, Windows	Supplying and fabricating, erecting and fixing in steel works like Window Grills, Compound Wall Grills, Iron Doors, Windows	As directed By Engineer In Charge	116.00	ONE KG	306008
273	39.00	Dry brick masonry for Rain water Harvesting pit/Recharge well with sand using Bricks of second class of size (Non-Modular or traditional size) 23 x 11 x 7 cm from approved source having minimum crushing strength of 40 Kg/Sqcm. including cost and conveyance of all materials to site, all operational, incidental charges, labour charges, overheads & contractors profit etc., complete for finished item of work.	Dry brick masonry for Rain water Harvesting pit/Recharge well with sand using Bricks of second class of size	Dry brick masonry for Rain water Harvesting pit/Recharge well with sand using Bricks of second class of size	As directed By Engineer In Charge	7080.00	ONE CUM	276120
274	37.00	Filling with 75mm to 100mm HG metal in Rain water harvesting pit/trenches including cost and conveyance of all materials and labour charges etc., complete as per standard specification and as directed by Departmental Engineer	Filling with 75mm to 100mm HG metal in Rain water harvesting pit/trenches	Filling with 75mm to 100mm HG metal in Rain water harvesting pit/trenches	As directed By Engineer In Charge	779.00	ONE CUM	28823
275	37.00	Filling with 40mm HG metal in Rain water harvesting pit/trenches including cost and conveyance of all materials and labour charges etc., complete as per standard specification and as directed by Departmental Engineer	Filling with 40mm HG metal in Rain water harvesting pit/trenches	Filling with 40mm HG metal in Rain water harvesting pit/trenches	As directed By Engineer In Charge	1696.00	ONE CUM	62752
276	26.00	Filling with 20mm HG metal in Rain water harvesting pit/trenches including cost and conveyance of all materials and labour charges etc., complete as per standard specification and as directed by Departmental Engineer	Filling with 20mm HG metal in Rain water harvesting pit/trenches	Filling with 20mm HG metal in Rain water harvesting pit/trenches	As directed By Engineer In Charge	1920.00	ONE CUM	49920
277	47.00	Filling with coarse sand in Rain water harvesting pit/Recharge well including cost and conveyance of all materials and labour charges etc., complete as per standard specification and as directed by Departmental Engineer	Filling with coarse sand in Rain water harvesting pit/Recharge well	Filling with coarse sand in Rain water harvesting pit/Recharge well	As directed By Engineer In Charge	207.00	ONE CUM	9729
278	3.00	Reinforced Cement Concrete M 20 design mix using 12mm size hard granite machine crushed graded metal (Coarse aggregate) from approved quarry, using a minimum quantity of 350 kgs. of cement per 1 cum of concrete including cost and conveyance of all materials like cement, fine aggregate (Sand), coarse aggregate, water etc., to site including steel centering, shuttering, machine mixing, laying concrete, lift charges, curing etc., and overheads & contractors profit complete for finished item of work (APSS No. 402 & 403) for 75 mm thick Perforated pre-cast slabs	Reinforced Cement Concrete M 20 design mix using 12mm size hard granite machine crushed graded metal	Reinforced Cement Concrete M 20 design mix using 12mm size hard granite machine crushed graded metal	402 & 403	908.00	ONE CUM	2724

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
279	4.00	Supply, Transportation, laying, testing & commissioning of 'B' class heavy duty MS slotted pipe conforming to IS 3589/IS 1239 including Welding, fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. and fixing the pipe on the wall/ceiling with suitable clamp/support frame and painting with two or more coats of synthetic enamel paint of required shade complete as required including overheads & contractors profit complete for finished item of work . Makes : Jindal Hissar / Tata pipes 65mm dia 'B' Class	Supply, Transportation, laying, testing & commissioning of 'B' class heavy duty MS slotted pipe	Supply, Transportation, laying, testing & commissioning of 'B' class heavy duty MS slotted pipe	As directed By Engineer In Charge	1034.00	ONE CUM	4136
280	6.00	Supply, Transportation, laying, testing & commissioning of 'B' class heavy duty MS slotted pipe conforming to IS 3589/IS 1239 including Welding, fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. and fixing the pipe on the wall/ceiling with suitable clamp/support frame and painting with two or more coats of synthetic enamel paint of required shade complete as required including overheads & contractors profit complete for finished item of work . Makes : Jindal Hissar / Tata pipes 100mm dia 'B' Class	Supply, Transportation, laying, testing & commissioning of 'B' class heavy duty MS slotted pipe	Supply, Transportation, laying, testing & commissioning of 'B' class heavy duty MS slotted pipe	As directed By Engineer In Charge	1802.00	ONE CUM	10812
281	6.00	Boring/drilling bore well of required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/ bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer-in-charge, upto 90 metre depth below ground level.	Boring/drilling bore well of required dia for casing/ strainer pipe, by suitable method prescribed	Boring/drilling bore well of required dia for casing/ strainer pipe, by suitable method prescribed	As directed By Engineer In Charge	673.00	ONE CUM	4038
282	56.00	Supply and delivery of encapsulated plastic steps manufactured as per companies standard specification including cost of materials packing as per companies standards, loading, transportation, unloading and stacking at site of work , and taxes such as complete sales tax,C.E.D and others etc., as applicable including labour charges for fixing etc. complete for finished item of work.	Supply and delivery of encapsulated plastic steps	Supply and delivery of encapsulated plastic steps	As directed By Engineer In Charge	222.00	EACH	12432
283	6.00	Supplying & fixing 602 x 602 mm CI man hole frame and cover (light weight) 30 Kgs including cost and conveyance and labour charges for fixing, overheads and contractor profit etc., complete for finished item of work	Supplying & fixing 602 x 602 mm CI man hole frame and cover (light weight)	Supplying & fixing 602 x 602 mm CI man hole frame and cover (light weight)	As directed By Engineer In Charge	3819.00	EACH	22914
284	80.00	Manufacture, Supply, Delivery, laying, jointing of Pipe Series (S25) unplasticized Non-pressurepolyvinyl chloride(PVC-U) pipes of dark (any shade of brown) for use in underground drainage & sewerage system conforming to IS 15328/2003) with solvent cement jointing and fixing all special such as plain bends, off sets, door bends, single junctions, double junctions as per specification inclusive of transportation to the sub-divisional stores anywhere in T.G, excluding Taxes including excavation of trenches and socket pits in any soil (except rock requiring blasting) and refilling with watering and tamping to the required slope including cost and conveyance of all materials to site and all labour charges , overheads & contractor profit etc., complete for finished item of work 160mm OD Pipe	Manufacture, Supply, Delivery, laying, jointing of Pipe Series (S25) unplasticized Non-pressurepolyvinyl chloride(PVC-U) pipes	Manufacture, Supply, Delivery, laying, jointing of Pipe Series (S25) unplasticized Non-pressurepolyvinyl chloride(PVC-U) pipes	1301 & 1318	694.00	RM	55520
285	30.00	Manufacture, Supply, Delivery, laying, jointing of Pipe Series (S25) unplasticized Non-pressurepolyvinyl chloride(PVC-U) pipes of dark (any shade of brown) for use in underground drainage & sewerage system conforming to IS 15328/2003) with solvent cement jointing and fixing all special such as plain bends, off sets, door bends, single junctions, double junctions as per specification inclusive of transportation to the sub-divisional stores anywhere in T.G, excluding Taxes including excavation of trenches and socket pits in any soil (except rock requiring blasting) and refilling with watering and tamping to the required slope including cost and conveyance of all materials to site and all labour charges , overheads & contractor profit etc., complete for finished item of work 200mm OD Pipe	Supplying and laying, filling, jointing and testing SWG SP-1 pipe	Supplying and laying, filling, jointing and testing SWG SP-1 pipe	1301 & 1318	947.00	RM	28410

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
286	10.00	Constructing 904.0 mm (3'0") dia brick masonry inspection chamber as per IS - 4111: Part-1:1986 with cement mortar (1:6) prop using 2nd Class Clay Bricks of 225 mm thick from approved source having a minimum crushing strength of 5 N/sq.mm including plastering with cement mortar 1:3 prop; ½" thick both inside and outside fitted with 20" dia RCC manhole covers and frames including excavating pits up to a depth of 904 mm (3'-0") in all sorts of soils (exculding rock) and laying cement concrete (1:4:8) 150 mm thick using 40 mm HBG Metal and P.C.C. 1:2:4 benching and channel 100 mm thick as per Standard specification and including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, cost of seigniorage charges on all materials and all incidental and operational, labour charges like mixing cement mortar, constructing masonry, lift charges, curing , overheads & contractors profit etc., complete for finished item of work as per Standard specification.	Constructing 904.0 mm (3'0") dia brick masonry inspection chamber	Constructing 904.0 mm (3'0") dia brick masonry inspection chamber	As directed By Engineer In Charge	9779.00	NOS	97790
287	5.00	Constructing 904.0 mm (3'0") dia brick masonry inspection chamber as per IS - 4111: Part-1:1986 with cement mortar (1:6) prop using 2nd Class Clay Bricks of 225 mm thick from approved source having a minimum crushing strength of 5 N/sq.mm including plastering with cement mortar 1:3 prop; ½" thick both inside and outside fitted with 20" dia RCC manhole covers and frames including excavating pits up to a depth of 1524 mm (5'-0") in all sorts of soils (exculding rock) and laying cement concrete (1:4:8) 150 mm thick using 40 mm HBG Metal and P.C.C. 1:2:4 benching and channel 100 mm thick as per Standard specification and including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, cost of seigniorage charges on all materials and all incidental and operational, labour charges like mixing cement mortar, constructing masonry, lift charges, curing , overheads & contractors profit etc., complete for finished item of work as per Standard specification.	Constructing 904.0 mm (3'0") dia brick masonry inspection chamber	Constructing 904.0 mm (3'0") dia brick masonry inspection chamber	As directed By Engineer In Charge	15814.00	NOS	79070
288	79.00	Supplying and fixing of 4" (101.6mm) multi floor trap with jali - UPVC/SWR pipe fittings as per site requirements with standard practice for all floors including cost and conveyance of all materials to site, labour charges , overheads & contractors profit etc., complete for finished item of work.	Supplying and fixing of 4" (101.6mm) multi floor trap with jali	Supplying and fixing of 4" (101.6mm) multi floor trap with jali	As directed By Engineer In Charge	187.00	NOS	14773
289	23.00	Supply, Installation and commissioning approved make floor mounted Close Coupled wash down EWC conforming to IS:2556 (Part 8)-2004 with 'P' or 'S' trap with dual flush porcelain cistern fixed on wash down EWC with all internal parts of dual flush cistern, ultra solid seat cover of approved make with rubber buffer and cap & 15 mm angle stop cock & 450 mm long PVC inter connection pipe wall flanges all of approved make etc. complete for finished item of work in all respects: Special Colour Grade-III including cost and conveyance of all materials to site, overheads & contractors profit etc., complete for finished item of work for all floors.	Supply, Installation and commissioning approved make floor mounted Close Coupled wash down EWC	Supply, Installation and commissioning approved make floor mounted Close Coupled wash down EWC	As directed By Engineer In Charge	18937.00	NOS	435551
290	42.00	Supplying and fixing Indian make Flat Back Wash Hand Basin 1st quality conforming to IS:2556-Part-4:1972 of size 550mm x 400mm with 32 mm nominal size C.P. Fitting with parallel pipe thread conforming to IS:2963-1979 and fitted with complete with standard CI brackets including wooden blocks ,1 No.12.70mm PVC connection with brass union nuts CP coated , angle stop cock 12.70mm dia. first quality Indian make heavy duty, 30mm dia. PVC flexible waste pipe 914.4mm length of 1st quality including cost and conveyance of all materials to site, labour charges , overheads & contractors profit for finished item of work.	Supplying and fixing Indian make Flat Back Wash Hand Basin	Supplying and fixing Indian make Flat Back Wash Hand Basin	As directed By Engineer In Charge	2475.00	NOS	103950
291	51.00	Supplying and fixing CP finish brass soap dish of approved make ISI quality including cost and conveyance of all materials, labour charges for fixing, overheads & contractors profit for finished item of work in all floors	Supplying and fixing CP finish brass soap dish	Supplying and fixing CP finish brass soap dish	As directed By Engineer In Charge	741.00	NOS	37791
292	21.00	Supplying and fixing Rectangular Mirror Frameless of size 457.2 mm x 609.6 mm , plywood back with NP screws 1st quality including cost and conveyance of all materials, labour charges , overheads & contractors profit for finished item of work in all floors.	Supplying and fixing Rectangular Mirror Frameless of size 457.2 mm x 609.6 mm	Supplying and fixing Rectangular Mirror Frameless of size 457.2 mm x 609.6 mm	As directed By Engineer In Charge	1775.00	NOS	37275
293	21.00	Supplying and fixing Rectangular Mirror Frameless of size 609.6 mm x 914.4 mm , plywood back with NP screws 1st quality including cost and conveyance of all materials, labour charges , overheads & contractors profit for finished item of work in all floors.	Supplying and fixing Rectangular Mirror Frameless of size 609.6 mm x 914.4 mm	Supplying and fixing Rectangular Mirror Frameless of size 609.6 mm x 914.4 mm	As directed By Engineer In Charge	3430.00	NOS	72030
294	42.00	Supplying and fixing of 25.4mm dia, 609.6mm long aluminium anodized towel rods with brackets and aluminium screws including cost and conveyance of all materials, labour charges , overheads & contractors profit for finished item of work.	Supplying and fixing of 25.4mm dia, 609.6mm long aluminium anodized towel rods	Supplying and fixing of 25.4mm dia, 609.6mm long aluminium anodized towel rods	As directed By Engineer In Charge	199.00	NOS	8358

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
295	29.00	Supply & Fixing of 15 mm brass body premium variety Chromium Plated finish bib tap angular shape with wall flange of not less than 500 grams weight with quarter turn spindle with either internal or external threaded connection conforming to IS 8931 and with 10 years warranty with internal / external threaded connection conforming to IS 8931 as approved by the Engineer-In-Charge including cost and conveyance of all materials, labour charges , overheads & contractors profit complete for finished item of work in all floors.	Supply & Fixing of 15 mm brass body premium variety Chromium Plated finish bib tap angular shape with wall flange of not less than 500 grams weight	Supplying and fixing 15 mm brass body CP finish bib tap of not less than 300 grams weight	As directed By Engineer In Charge	1471.00	NOS	42659
296	21.00	S&F premium make Sensotronic sensor faucet for wash basin, and with 10 years warranty with necessary fittings etc., complete including cost and conveyance of all materials, labour charges, overheads & contractor profit complete for finished item of work in all floors.	S&F premium make Sensotronic sensor faucet for wash basin, and with 10 years warranty	S&F premium make Sensotronic sensor faucet for wash basin, and with 10 years warranty	As directed By Engineer In Charge	17458.00	NOS	366618
297	29.00	Supplying and fixing 15 mm brass body CP finish self closing tap push type conforming to IS 1711 as approved by the Engineer-In-Charge including cost and conveyance of all materials, labour charges, overheads & contractors profit complete for finished item of work in all floors.	Supplying and fixing 15 mm brass body CP finish self closing tap push type	Supplying and fixing 15 mm brass body CP finish self closing tap push type	As directed By Engineer In Charge	355.00	NOS	10295
298	31.00	Supplying and fixing Chromium plated finish brass body quarter turn Bibcock cum Health Faucet with 1m long tube and wall hook with 7 - 10 years warranty with necessary fittings etc., complete including cost and conveyance of all materials, labour charges, overheads & contractor profit complete for finished item of work in all floors.	Supplying and fixing Chromium plated finish brass body quarter turn Bibcock cum Health Faucet with 1m long tube and wall hook with 7 - 10 years warranty	Supplying and fixing Chromium plated finish brass body quarter turn Bibcock cum Health Faucet with 1m long tube and wall hook with 7 - 10 years warranty	As directed By Engineer In Charge	3892.00	NOS	120652
299	18.00	Supplying and fixing white glazed flat back half stall urinals of size 590 mm x 375 mm x 390 mm with integral flushing rim fixed with screws complete Indian make (HSW/ Parry/ Neycer) conforming to IS:2556-1995 as approved by Engineer-in-charge, including supply and fixing 12.7mm PVC connection with brass plumber union nuts CP coated, premium make Sensotronic concealed type flushing valve for urinal complete set with installation box with control cock, and with 10 years warranty 1st quality of approved make, 30mm dia PVC flexible waste pipe of 914.4 mm length of 1st quality including cost and conveyance of all materials to site, labour charges etc., overheads & contractors profit complete for finished item of work for all floors.	Supplying and fixing white glazed flat back half stall urinals of size 590 mm x 375 mm x 390 mm with integral flushing rim fixed with screws	Supplying and fixing white glazed flat back half stall urinals of size 590 mm x 375 mm x 390 mm with integral flushing rim fixed with screws	As directed By Engineer In Charge	22052.00	NOS	396936
300	18.00	Supplying and fixing of 16mm to 20 mm thick polished marble slab partitionis of size 4' 0" x 2' 0" for urinals including full rounding the edges, fixing in position, polishing, including cost and conveyance of all materials and labour charges, overheads & contractors profit complete for finished item of work for all floors.	Supplying and fixing of 16mm to 20 mm thick polished marble slab partitionis	Supplying and fixing of 16mm to 20 mm thick polished marble slab partitionis	As directed By Engineer In Charge	2617.00	NOS	47106
301	14.00	Supplying and fixing of 101.60mm x 609.60mm white glazed porcelain channels 1st quality fixed in brick masonry to the required slopes, white cement pointing including cost and conveyance of all materials and labour charges, overheads & contractors profit complete for finished item of work for all floors..	Supplying and fixing of 101.60mm x 609.60mm white glazed porcelain channels	Supplying and fixing of 101.60mm x 609.60mm white glazed porcelain channels	As directed By Engineer In Charge	977.00	RM	13678
302	190.00	Supply and fixing of Ashirvad/ Ajay/ Astral Flowguard or equivalent CPVC Pipes and Fittings SDR 11 to meet the requirement of ASTM-D 2846 and are produced in CTS (Copper Tube Sizes 1/2" to 2") for hot and cold water (IS 15778:2007) including cost and conveyance of all materials to site, labour charges for fixing, overheads & contractors profit complete for finished item of work at all floor levels. 15.90mm OD pipe	Supply and fixing of Ashirvad/ Ajay/ Astral Flowguard or equivalent CPVC Pipes and Fittings	Supply and fixing of Ashirvad/ Ajay/ Astral Flowguard or equivalent CPVC Pipes and Fittings	As directed By Engineer In Charge	189.00	RM	35910
303	100.00	Supply and fixing of Ashirvad/ Ajay/ Astral Flowguard or equivalent CPVC Pipes and Fittings SDR 11 to meet the requirement of ASTM-D 2846 and are produced in CTS (Copper Tube Sizes 1/2" to 2") for hot and cold water (IS 15778:2007) including cost and conveyance of all materials to site, labour charges for fixing, overheads & contractors profit complete for finished item of work at all floor levels. 22.20mm OD pipe	Supply and fixing of Ashirvad/ Ajay/ Astral Flowguard or equivalent CPVC Pipes and Fittings	Supply and fixing of Ashirvad/ Ajay/ Astral Flowguard or equivalent CPVC Pipes and Fittings	As directed By Engineer In Charge	228.00	RM	22800

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
304	136.00	Supply and fixing of Ashirvad/ Ajay/ Astral Flowguard or equivalent CPVC Pipes and Fittings SDR 11 to meet the requirement of ASTM-D 2846 and are produced in CTS (Copper Tube Sizes 1/2" to 2") for hot and cold water (IS 15778:2007) including cost and conveyance of all materials to site, labour charges for fixing, overheads & contractors profit complete for finished item of work at all floor levels. 28.60mm OD pipe	Supply and fixing of Ashirvad/ Ajay/ Astral Flowguard or equivalent CPVC Pipes and Fittings	Supply and fixing of Ashirvad/ Ajay/ Astral Flowguard or equivalent CPVC Pipes and Fittings	As directed By Engineer In Charge	274.00	RM	37264
305	96.00	Supply and fixing of Ashirvad/ Ajay/ Astral Flowguard or equivalent CPVC Pipes and Fittings SDR 11 to meet the requirement of ASTM-D 2846 and are produced in CTS (Copper Tube Sizes 1/2" to 2") for hot and cold water (IS 15778:2007) including cost and conveyance of all materials to site, labour charges for fixing, overheads & contractors profit complete for finished item of work at all floor levels. 34.90mm OD pipe	Supply and fixing of Ashirvad/ Ajay/ Astral Flowguard or equivalent CPVC Pipes and Fittings	Supply and fixing of Ashirvad/ Ajay/ Astral Flowguard or equivalent CPVC Pipes and Fittings	As directed By Engineer In Charge	373.00	RM	35808
306	74.00	Supply and fixing of Ashirvad/ Ajay/ Astral Flowguard or equivalent CPVC Pipes and Fittings SDR 11 to meet the requirement of ASTM-D 2846 and are produced in CTS (Copper Tube Sizes 1/2" to 2") for hot and cold water (IS 15778:2007) including cost and conveyance of all materials to site, labour charges for fixing, overheads & contractors profit complete for finished item of work at all floor levels. 41.30mm OD pipe	Supply and fixing of Ashirvad/ Ajay/ Astral Flowguard or equivalent CPVC Pipes and Fittings	Supply and fixing of Ashirvad/ Ajay/ Astral Flowguard or equivalent CPVC Pipes and Fittings	As directed By Engineer In Charge	462.00	RM	34188
307	10.00	Supply and fixing of Ashirvad/ Ajay/ Astral Flowguard or equivalent CPVC Pipes and Fittings SDR 11 to meet the requirement of ASTM-D 2846 and are produced in CTS (Copper Tube Sizes 1/2" to 2") for hot and cold water (IS 15778:2007) including cost and conveyance of all materials to site, labour charges for fixing, overheads & contractors profit complete for finished item of work at all floor levels. 54.00mm OD pipe	Supply and fixing of Ashirvad/ Ajay/ Astral Flowguard or equivalent CPVC Pipes and Fittings	Supply and fixing of Ashirvad/ Ajay/ Astral Flowguard or equivalent CPVC Pipes and Fittings	As directed By Engineer In Charge	674.00	RM	6740
308	50.00	Supplying and fixing 65 mm Nominal Bore GI pipe Medium Grade properties & weight as per IS 1239 in ground or on wall with GI fittings such as elbows tees couplings, nipples, plugs including excavation for trenches and refilling the trenches ,chiselling masonry walls and making good the walls & floors to the original surface and fixing MS clamps on TW blocks on walls including cost and conveyance of all materials and labour charges , overheads & contractors profit complete for finished item of work except for GI bends union and GI connectors with checkout and socket Tata or Zenith make or equivalent.	Supplying and fixing 65 mm Nominal Bore GI pipe Medium Grade properties & weight	Supplying and fixing 65 mm Nominal Bore GI pipe Medium Grade properties & weight	As directed By Engineer In Charge	1063.00	RM	53150
309	105.00	Supplying and fixing Bronze Gate/ Globe valve as per IS - 778 Class - I, Indian make heavy type including cost and conveyance of all materials , labour charges , overheads & contractors profit complete for finished item of work. 20mm Nominal bore	Supplying and fixing Bronze Gate/ Globe valve	Supplying and fixing Bronze Gate/ Globe valve	As directed By Engineer In Charge	1033.00	NOS	108465
310	15.00	Supplying and fixing Bronze Gate/ Globe valve as per IS - 778 Class - I, Indian make heavy type including cost and conveyance of all materials , labour charges , overheads & contractors profit complete for finished item of work. 25mm Nominal bore	Supplying and fixing Bronze Gate/ Globe valve	Supplying and fixing Bronze Gate/ Globe valve	As directed By Engineer In Charge	1484.00	NOS	22260
311	15.00	Supplying and fixing Bronze Gate/ Globe valve as per IS - 778 Class - I, Indian make heavy type including cost and conveyance of all materials , labour charges , overheads & contractors profit complete for finished item of work. 32mm Nominal bore	Supplying and fixing Bronze Gate/ Globe valve	Supplying and fixing Bronze Gate/ Globe valve	As directed By Engineer In Charge	2255.00	NOS	33825
312	4.00	Supplying and fixing Bronze Gate/ Globe valve as per IS - 778 Class - I, Indian make heavy type including cost and conveyance of all materials , labour charges , overheads & contractors profit complete for finished item of work. 50mm Nominal bore	Supplying and fixing Bronze Gate/ Globe valve	Supplying and fixing Bronze Gate/ Globe valve	As directed By Engineer In Charge	4461.00	NOS	17844
313	367.00	Supplying and fixing of PVC pipes (Prince/ Sudhakar/ Kisan/ Supreme or any ISI brand) 4 Kg/Sq.cm. and fixing all special such as plain bends, off sets, door bends, single junctions, double junctions as per site requirement, fixing with PVC clamps if necessary with required number of Bombay nails including cost and conveyance of all materials to site, labour charges, overheads & contractors profit complete for finished item of work at all floor levels. (APSS No. 1302 1319 & 1326) 75mm dia	Supplying and fixing of SWR PVC pipes	Supplying and fixing of SWR PVC pipes	1302 1319 & 1326	278.00	RM	102026

NAME OF THE WORK: CONSTRUCTION OF OFFICE BUILDING BLOCK-A (STILT+5 FLOORS) & BLOCK -B (STILT+2 FLOORS) FOR TSERC AT KALYANNAGAR, HYDERABAD. AS PER SUPER ECBC COMPLIANCE AND NET ZERO ENERGY BUILDING CONCEPT

BILL OF QUANTITIES

Sl. No.	Quantity	Description of Work	Short Specification	Item Description	APDSS Number	Rate	Unit (in words)	Amount (in Rs.)
314	209.00	Supplying and fixing of PVC pipes (Prince/ Sudhakar/ Kisan/ Supreme or any ISI brand) 4 Kg/Sq.cm. and fixing all special such as plain bends, off sets, door bends, single junctions, double junctions as per site requirement, fixing with PVC clamps if necessary with required number of Bombay nails including cost and conveyance of all materials to site, labour charges, overheads & contractors profit complete for finished item of work at all floor levels. (APSS No. 1302 1319 & 1326) 110mm dia	Supplying and fixing of SWR PVC pipes	Supplying and fixing of SWR PVC pipes	1302 1319 & 1326	377.00	RM	78793
315	256.00	Supplying and fixing of PVC pipes (Prince/ Sudhakar/ Kisan/ Supreme or any ISI brand) 4 Kg/Sq.cm. and fixing all special such as plain bends, off sets, door bends, single junctions, double junctions as per site requirement, fixing with PVC clamps if necessary with required number of Bombay nails including cost and conveyance of all materials to site, labour charges, overheads & contractors profit complete for finished item of work at all floor levels. (APSS No. 1302 1319 & 1326) 160mm dia	Supplying and fixing of SWR PVC pipes	Supplying and fixing of SWR PVC pipes	1302 1319 & 1326	675.00	RM	172800
316	40.00	Construction of brick masonry support for GI pipe of size 304.80mm x 228.60mm x 228.60 mm in CM (1:8) prop including plastering and finishing with 12mm thick in CM (1:5) including cost and conveyance of all materials and all labour charges, overheads & contractors profit complete for finished item of work for all floors.	Construction of brick masonry support for GI pipe of size 304.80mm x 228.60mm x 228.60 mm in CM (1:8) prop	Construction of brick masonry support for GI pipe of size 304.80mm x 228.60mm x 228.60 mm in CM (1:8) prop	As directed By Engineer In Charge	102.00	NOS	4080
317	15.00	Supplying & Fixing Indian make white glazed vitreous china porcelain sink conforming to IS:2556-Part-5-1994 on cantilever brackets with waste fittings like rubber plug, chain,32 mm nominal size C.P. Fitting with parallel pipe thread conforming to IS:2963-1979 : 750 x 450 x 250of 1st quality ncluding chiselling brick masonry wall and making good & restoring to original surfaces overheads & contractors profit complete.for finished item of work in all floors..	Supplying & Fixing Indian make white glazed vitreous china porcelain sink	Supplying & Fixing Indian make white glazed vitreous china porcelain sink	As directed By Engineer In Charge	5322.00	NOS	79830
318	105.00	Supply & Fixing of G.I U Type clamps to support SWR & CPVC pipes, including cost and conveyance of all materials to site, labour charges, complete for finished item of work at all floor levels. For 25 to 75mm dia pipes	Supply & Fixing of G.I U Type clamps to support SWR & CPVC pipes	Supply & Fixing of G.I U Type clamps to support SWR & CPVC pipes	As directed By Engineer In Charge	140.00	NOS	14700
319	70.00	Supply & Fixing of G.I U Type clamps to support SWR & CPVC pipes, including cost and conveyance of all materials to site, labour charges, complete for finished item of work at all floor levels. For 100 mm dia pipes	Supply & Fixing of G.I U Type clamps to support SWR & CPVC pipes	Supply & Fixing of G.I U Type clamps to support SWR & CPVC pipes	As directed By Engineer In Charge	170.00	NOS	11900
320	85.00	Supply & Fixing of G.I U Type clamps to support SWR & CPVC pipes, including cost and conveyance of all materials to site, labour charges, complete for finished item of work at all floor levels. For 150 mm dia pipes	Supply & Fixing of G.I U Type clamps to support SWR & CPVC pipes	Supply & Fixing of G.I U Type clamps to support SWR & CPVC pipes	As directed By Engineer In Charge	192.00	NOS	16320
321	10.00	Supplying,laying,jointing of Single Socket Solfit Pipe SN 8 (6Mtr) (for Underground) pipe of Ashirvad make of Conforming to ISI including excavation of trenches and socket pits in any soil (except rock requiring blasting) and refilling with watering and tamping to the required slope including cost and conveyance of all materials to site and all labour charges, overheads & contractor profit etc., complete for finished item of work. 110mm dia	Supplying,laying,jointing of Single Socket Solfit Pipe SN 8 (6Mtr)	Supplying,laying,jointing of Single Socket Solfit Pipe SN 8 (6Mtr)	As directed By Engineer In Charge	558.00	RM	5580
322	10.00	Supplying,laying,jointing of Single Socket Solfit Pipe SN 8 (6Mtr) (for Underground) pipe of Ashirvad make of Conforming to ISI including excavation of trenches and socket pits in any soil (except rock requiring blasting) and refilling with watering and tamping to the required slope including cost and conveyance of all materials to site and all labour charges, overheads & contractor profit etc., complete for finished item of work. 160mm dia	Supplying,laying,jointing of Single Socket Solfit Pipe SN 8 (6Mtr)	Supplying,laying,jointing of Single Socket Solfit Pipe SN 8 (6Mtr)	As directed By Engineer In Charge	1118.00	RM	11180
323	30.00	Supplying,laying,jointing of Single Socket Solfit Pipe SN 8 (6Mtr) (for Underground) pipe of Ashirvad make of Conforming to ISI including excavation of trenches and socket pits in any soil (except rock requiring blasting) and refilling with watering and tamping to the required slope including cost and conveyance of all materials to site and all labour charges, overheads & contractor profit etc., complete for finished item of work. 315mm dia	Supplying,laying,jointing of Single Socket Solfit Pipe SN 8 (6Mtr)	Supplying,laying,jointing of Single Socket Solfit Pipe SN 8 (6Mtr)	As directed By Engineer In Charge	3933.00	RM	117993
								187702415