

MEASUREMENT SHEET

Client :	M/s Engineering projects (India) Limited,
Contractor :	M/s BPR INFRASTRUCTURE LIMITED
Work Order No.	PCO/PMD/723/02/560 DATED 19-06-2014.
Name of the work:	CONSTRUCTION OF VARIOUS BUILDING AND INTERNAL ROADS AT VIKRAMA SIMHAPURI UNIVERSITY ,NELLORE ,AP.
RA Bill No.12 & Final Bill	

Boq No.	Description of Item	UOM	Nos	Length	Breadth	Height / Thick	Quantity	Remarks
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PART-(I) CIVIL WORKS

14 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 seigniorage charges, 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).

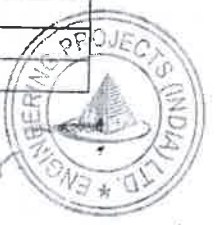
14-(a)	BRICK WORK FOR GROUND FLOOR							
	ACADAMIC BLOCK	CUM						
	PART-01							
	EXPANSION JOINT TO S14'		1	1.830	0.230	0.800	0.337	
	S14-S16		1	6.100	0.230	3.198	4.487	
	S16-S18		1	6.020	0.230	3.198	4.428	
	S21-S23		1	6.020	0.230	3.220	4.458	
	S23-S25		1	5.860	0.230	3.220	4.340	
	U16-U18		1	6.100	0.230	3.220	4.518	
	U18-U21		1	7.920	0.230	3.070	5.592	
	U21-U23		1	6.100	0.230	3.220	4.518	
	S14-T14		1	4.110	0.230	3.290	3.110	
	T14-V14		1	4.340	0.230	3.290	3.284	
	S16-T16		1	4.110	0.230	3.290	3.110	
	T16-V16		1	4.340	0.230	3.220	3.214	
	S18-U18		1	6.100	0.230	3.070	4.307	
	S21-U21		1	6.100	0.230	3.070	4.307	
	S23-T23		1	4.110	0.230	3.290	3.110	
	T23-V23		1	4.340	0.230	3.220	3.214	
	S25-T25		1	4.110	0.230	3.290	3.110	
	T25-V25		1	4.340	0.230	3.290	3.284	
	P25-R25		1	2.740	0.230	3.436	2.165	
	R25-S25		1	2.440	0.230	0.800	0.449	
	P22-P23		1	3.430	0.230	3.436	2.711	
	P23-P24		1	3.660	0.230	3.436	2.892	
	P24-P25		1	2.130	0.230	3.436	1.683	
	R22-R23		1	3.430	0.230	3.370	2.659	
	R23-R24		1	3.660	0.230	3.370	2.837	
	R24-R25		1	2.130	0.230	3.370	1.651	
	P22-R22		1	2.740	0.230	3.370	2.124	
	P24-R24		1	2.740	0.230	3.370	2.124	
	DEDUCTIONS IN PART-01							
	DOORS D		-4	1.200	0.230	2.600	-2.870	
	MAIN DOOR		-1	3.000	0.230	2.600	-1.794	
	MAIN DOOR LINTEL		-1	3.900	0.230	0.230	-0.206	
	WINDOWS W1		-6	1.200	0.230	1.800	-2.981	
	WINDOWS W2		-5	1.200	0.230	1.300	-1.794	
	LINTELS		-2	6.100	0.230	0.200	-0.561	
	LINTELS ROOM DOORS		-4	1.800	0.230	0.200	-0.331	
	LINTELS ON WINDOWS		-5	1.500	0.230	0.200	-0.345	
	VENTILETERS		-4	0.600	0.230	0.600	-0.331	

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NELLORE - 524 324

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Boq No.	Description of item	UOM	Nos	Length	Breadth	Height / Thick	Quantity	Remarks
	DRAIN WALLS		2	46.200	0.100	0.450	4.158	
	OPEN TO SKY COURTYARD							
	PAVER BLOCKS SIDE WALLS		2	38.880	0.100	0.300	2.333	
	STAGE		2	5.770	0.230	0.900	2.389	
			1	9.000	0.230	0.900	1.863	
	SEMINAR HALL		1	6.000	0.230	0.300	0.414	
			1	2.400	0.230	0.300	0.166	
	CONVERTED SLAB PORTION							
	NEAR LADIES TOILETS		1	0.450	0.230	2.470	0.256	
	NEAR LADIES TOILETS		1	0.150	0.230	2.470	0.085	
	BACK SIDE OF CORRIDOR TOILETS		6	0.300	0.230	2.470	1.023	
	OFFICE TOILET ROOM NO-1							
	SOUTH-NORTH SIDE WALLS		1	1.800	0.110	2.750	0.545	
	EAST-WEST SIDE WALLS		1	1.550	0.110	2.750	0.469	
	OFFICE TOILET ROOM NO-2							
	SOUTH-NORTH SIDE WALLS		1	1.800	0.110	2.750	0.545	
	EAST-WEST SIDE WALLS		1	1.550	0.110	2.750	0.469	
	OFFICE TOILET ROOM NO-3							
	SOUTH-NORTH SIDE WALLS		1	1.800	0.110	2.750	0.545	
	EAST-WEST SIDE WALLS		1	1.550	0.110	2.750	0.469	
	DRAINAGE WALLS AT OPEN TO SKY LOCATION							
	E10-Q10		1	43.59	0.230	0.350	3.509	
	E16-Q16		1	43.59	0.230	0.400	4.010	
	E10-Q10		1	43.5	0.760	0.100	3.306	
	E16-Q16		1	43.5	0.760	0.100	3.306	
	Q19-Q20		1	3.550	0.230	3.600	2.939	
	(R19-Q19),(R20-Q20)		2	2.300	0.230	2.300	2.433	
	T12-T14		1	5.840	0.230	0.900	1.209	
	FOR TRASFORMER PLAT FORM		4	1.200	0.230	1.500	1.656	
	PART-2 GIRLS TOILETS PARTITION WALL		1	1.500	0.230	2.100	0.725	
	PART 1 RAMP FOR PHYSICALLY HANDICAPPED							
	RAMP SIDE WALLS FOR PHYSICALLY HANDICAPPED		2	3.800	0.380	0.300	0.866	
			4	3.800	0.230	0.300	1.049	
	PART 2 RAMP FOR PHYSICALLY HANDICAPPED							
	RAMP FOR PHYSICALLY HANDICAPPED SIDE WALLS		2	3.800	0.380	0.300	0.866	
			4	3.800	0.230	0.300	1.049	
	STAIR CASE							
	(O14'-O15) &(R14'-R15)		2	3.390	0.230	3.250	5.068	
	(O14'-R14'),(O15-R15)		1	4.440	0.230	2.875	2.936	
	PLINTH PROTECTION							
	E10-E16		1	43.59	0.23	0.1	1.003	
	Q10- Q16		1	43.59	0.23	0.1	1.003	
	V1-V3		1	6.550	0.23	0.1	0.151	
	V10-V12		1	6.550	0.23	0.1	0.151	
	V12-T12		1	4.570	0.23	0.1	0.105	
	T12-T14		1	2.100	0.23	0.1	0.048	
	T14-V14		1	4.800	0.23	0.1	0.110	
	V14-V16		1	6.550	0.23	0.1	0.151	
	V23-V25		1	6.550	0.23	0.1	0.151	
	V25-P25		1	17.540	0.23	0.1	0.403	
	P25-P22		1	10.210	0.23	0.1	0.235	
	O23-B23		1	48.230	0.23	0.1	1.109	
	B16-B23		1	21.030	0.23	0.1	0.484	
	A10-A16		1	18.670	0.23	0.1	0.429	
	B3-B10		1	19.030	0.23	0.1	0.438	
	B3-O3		1	48.230	0.23	0.1	1.109	

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MEASUREMENT SHEET								
Client :		M/s Engineering projects (India) Limited,						
Contractor :		M/s BPR INFRASTRUCTURE LIMITED						
Work Order No.		PCO/PMD/723/02/748A DATED 29/11/2014						
Name of the work:		CONSTRUCTION OF ACADEMIC BUILDING (G+2 FLOORS) AT VIKRAMA SIMHAPURI UNIVERSITY, NELLORE, AP.						
RA Bill No.-10 (Final Bill) Price Escalation		&						
Boq No.	Description of item	UOM	Nos	Length	Breadth	Height / Thick	Quantity	Remarks
PART-(I)	CIVIL WORKS							
15	Brick masonry for panel walls in superstructure with CM (1:8) 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 seigniorage charges, 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).							
15-(a)	BRICK WORK FOR GROUND FLOOR							
	ACADEMIC BUILDING (G+2)	SQM						
	PART -1							
	A1-A2		1	3.365	0.230	3.165	2.450	
	A2-A3		1	3.135	0.230	3.165	2.282	
	C1-C3		1	6.650	0.230	2.895	4.428	
	G1-G3		1	6.650	0.230	2.895	4.428	
	H1-H3		1	6.650	0.230	2.895	4.428	
	L1-L3		1	6.875	0.230	2.895	4.578	
	G4-G5		1	4.465	0.230	3.115	3.199	
	G5-G6		1	4.500	0.230	3.115	3.224	
	G6-G7		1	4.280	0.230	3.115	3.066	
	J3-J4		1	2.350	0.230	3.115	1.684	
	J4-J5		1	4.460	0.230	3.115	3.195	
	J5-J6		1	4.500	0.230	3.115	3.224	
	J6-J7		1	4.280	0.230	3.115	3.066	
	L1-H1		1	4.695	0.230	3.115	3.364	
	H1-G1		1	4.465	0.230	3.115	3.199	
	G1-E1		1	4.535	0.230	3.115	3.249	
	E1-C1		1	4.385	0.230	3.115	3.142	
	C1-A1		2	3.045	0.230	3.115	4.363	
	L3-J3		1	2.835	0.230	3.115	2.031	
	J3-H3		1	1.260	0.230	3.115	0.903	
	H3-G3		1	4.460	0.230	3.115	3.195	
	G3-E3		1	4.530	0.230	3.115	3.246	
	E3-C3		1	4.385	0.230	3.115	3.142	
	C3-A3		1	3.030	0.230	3.115	2.171	
	J4-G4		1	5.580	0.230	3.045	3.908	
	J5-G5		1	5.580	0.230	3.045	3.908	
	J6-G6		1	5.580	0.230	3.045	3.908	
	A3-A4		1	2.438	0.230	0.900	0.505	
	A4-C4		1	2.975	0.230	0.900	0.616	
	C4-F4		1	6.665	0.230	0.900	1.380	
	F4-F5		1	4.460	0.230	0.900	0.923	


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Boq No.	Description of item	UOM	Nos	Length	Breadth	Height / Thick	Quantity	Remarks
	SIDE WALLS		4	2.040	0.380	0.675	2.093	
	PYLON		4	1.300	0.230	2.535	3.032	
	PYLON BASE BRICK WORK		2	7.200	0.230	0.450	1.490	
			2	6.750	0.230	0.450	1.397	
	PHE RAMP		1	6.170	0.230	0.400	0.568	
			1	2.900	0.230	0.200	0.133	
			1	1.800	0.230	0.200	0.083	
				OUTER DIAMETER (D)	INNER DIAMETER (d)			
	SOCK PIT -1		1	3.300	2.840	3.560	7.900	CIRCULAR AREA = $\frac{((22/7)(DX - D) - (dXd))}{4}$
	SOCK PIT -2		1	3.300	2.840	3.620	8.033	
	SOCK PIT -3		1	3.300	2.840	3.650	8.100	
	SOCK PIT -4		1	3.300	2.840	3.650	8.100	
	SOCK PIT -5		1	3.300	2.840	3.600	7.989	
	SOCK PIT -6		1	2.905	2.445	3.700	7.154	
	Chamber-1		1	1.500	1.900	0.230	0.656	
	Chamber-1		1	1.200	1.800	0.230	0.497	
						Total Qty	368.300	Cum
						Deduct Previous Qty	316.199	Cum
						This Bill Qty	52.10	Cum

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Boq No.	Description of item	UOM	Nos	Length	Breadth	Height / Thick	Quantity	Remarks
	PYLON		4	1.300	0.230	2.535	3.032	
	PYLON BASE BRICK WORK		2	7.200	0.230	0.450	1.490	
			2	6.750	0.230	0.450	1.397	
	PHE RAMP		1	6.170	0.230	0.400	0.568	
			1	2.900	0.230	0.200	0.133	
			1	1.800	0.230	0.200	0.083	
				OUTER DIAMETER (D)	INNER DIAMETER (d)			
	SOCK PIT -1		1	3.300	2.840	3.560	7.900	CIRCULAR AREA = ((22/7)(DX D)-(dXd))/4
	SOCK PIT -2		1	3.300	2.840	3.620	8.033	
	SOCK PIT -3		1	3.300	2.840	3.650	8.100	
	SOCK PIT -4		1	3.300	2.840	3.650	8.100	
	SOCK PIT -5		1	3.300	2.840	3.600	7.989	
	SOCK PIT -6		1	2.905	2.445	3.700	7.154	
	Chamber-1		1	1.500	1.900	0.230	0.656	
	Chamber-1		1	1.200	1.800	0.230	0.497	
						Total Qty	368.300	Cum
						Deduct Previous Qty	316.199	Cum
						This Bill Qty	52.10	Cum


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