



MST ASSOCIATES Construction & Consultancy

Er. Prashant D. Mulik (M. Tech. Civil – Structure) License No. ADTP/SATARA/C-3/354

Office at-Vita, Tal-Khanapur, Dist- Sangli ,415-311, Mob- 9975484156.

ESTIMATE

NAME OF WORK :

Construction of Mega Producer Company Ltd.

A/P - Wai MIDC, Tal. - Wai, Dist. – Satara.

ESTIMATED COST	RS	14998454.42
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NAME OF WORK :

Construction of Mega Producer Company Ltd.

A/P - Wai MIDC, Tal. - Wai, Dist. – Satara.

Fund Head Sheet

Division Z.P.W.WORKS DIVISION SATARA

Sanctioned Estimate No. _____

Fund Head _____

Major Head _____

Minor Head _____

Service Head _____

Departmental Head _____

Estimate framed in the office of the Executive Division satara

That will be incurred for the work of

Name of work : Construction of mega agro producer
company Limited at Wai MIDC, Tal. – Wai, Dist. – satara.

COST OF WORK : 14998454.52

Administratively approved under Dated _____

No _____

Technically Sanctioned under Dated _____

No _____

Estimate Prepared By Eng. _____ (Sec. Engineer)

And Checked By Engr. _____

(Call of Authority)

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Approximate Estimate of Proposed Commercial Building

Company Name : Mega Agro Producer Company Ltd.

Gat. No.

Plot No. B-B-193

A/p - Wai MIDC, Tal. - Wai, Dist. - Satara.

MEASUREMENT SHEET

Date - 31 MAY 2022

Sr. No.	DESCRIPTION	NO.	LENGTH	BREDTH	DEPTH	QUANTITY
			M	M	M	
1	Excavation for foundation in earth ,soil of all types, sand,gravel and soft murum,including removing the excavated material upto adistance of 50m. beyond the building are a and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary backfilling, ramming,watering including shoring and strutting etc. complete. (Lift upto 1.5 m.) By Mechanical Means SSR Item No. 21.02	COLUMN				246.36 cub. m.
		26	2	2.14	1.22	
		0	0	0	0	
		0	0	0	0	
		GROUND & PLINTH BEAMS				
		1	280	0.45	0.6	
		0	0	0	0	
		WATER & SEPTIC TANK				
		1	4.5	3.05	1.52	
		1	3.05	3.05	1.52	
2	Filling in plinth and floors with contractors material /brought from out side and approved by Engineer in charge in layers of 15 cm to 20 cm including watering and compaction etc.complete. SSR Item No. 21.37	1	25	50	0.6	750 cub. m.
		0	0	0	0	
		0	0	0	0	
		0	0	0	0	
		0	0	0	0	
		0	0	0	0	
3	Providing and laying Cast insitu / Ready Mix cement concrete in M-10 of trap / granite / quartzite / gneiss metal for foundation and bedding including bailing out water, Steel centering, formwork, laying / pumping, compacting, roughening them if special finish is to be provided, finishing if required and curing complete, with fully automatic micro processor based PLC with SCADA enable dreversible Drum Type mixer / concrete Batch mix plant (Panmixer etc. complete. With fine aggregate (Crushed sand VSI Grade) SSR Item No. 24.01	P.C.C.				202.08 cub. m.
		26	2	2.14	0.1	
		0	0	0	0	
		0	0	0	0	
		BED CONCRTE				
		1	25	50	0.15	
		0	0	0	0	
		0	0	0	0	
		WATER & SEPTIC TANK				
		1	4.5	3.05	0.15	
1	3.05	3.05	0.15			

Sr. No.	DESCRIPTION	NO.	LENGTH	BREDTH	DEPTH	QUANTITY
			M	M	M	
4	Providing and laying in situ / Ready Mix cement concrete M-20 of trap / granite / quartzite / gneiss metal for R.C.C. work in foundations like raft, strip foundations, grillage and footings of R.C.C. column sand steel stanchions etc. including bailing out water, Steel centering formwork, laying / pumping cover blocks, compaction and curing roughening the surface if special finish is to be provided (Excluding reinforcement and structural steel)etc. complete, with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer / concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade) SSR Item No. 25.11	FOOTING				101.26 cub. m.
		26	2	2.14	0.91	
		0	0	0	0	
		0	0	0	0	
5	Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite/ quartzite /gneiss metal for R.C.C. columns as per detailed designs and drawing or as directed including steel centering, formwork, coverblocks, laying / pumping ,compaction finishing the formed surfaces with cement mortar1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided and curing etc . complete. (Excluding reinforcement and structural steel). with fully automatic microprocessor based PLC with SCADA enabled reversible Drum Type mixer /concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade) SSR Item No. 25.31	COLUMNS				48.789 cub. m.
		26	3.9	0.45	0.6	
		26	3.05	0.45	0.6	
6	Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite/ quartzite /gneiss metal for R.C.C. columns as per detailed designs and drawing or as directed including steel centering, formwork, coverblocks, laying / pumping ,compaction finishing the formed surfaces with cement mortar1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided and curing etc . complete. (Excluding reinforcement and structural steel). with fully automatic microprocessor based PLC with SCADA enabled reversible Drum Type mixer /concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade) SSR Item No. 25.50	GROUND & PLINTH BEAMS				234.74 cub. m.
		1	280	0.45	0.6	
		0	0	0	0	
		LINTLES				
		1	150	0.23	0.23	
		0	0	0	0	
		GROUND FLOOR BEAMS				
		1	280	0.45	0.6	
		0	0	0	0	
		FIRST FLOOR BEAMS				
		1	280	0.45	0.6	
0	0	0	0			

Sr. No.	DESCRIPTION	NO.	LENGTH	BREDTH	DEPTH	QUANTITY
			M	M	M	
7	Providing and laying Cast in situ /Ready Mix ceme concrete M-20 of trap /granite /quartzite /gneiss metal forR.C.C. slabs landings as per detailed designs and drawings including steel centering, formwork, coverblocks, laying /pumping, compaction finishing the formed surfaces with cement mortar1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided and curing etc. complete ,(Excluding reinforcement and structural steel). with fully automatic microprocessor based PLC with SCADA enabled reversible Drum Typemixer/concreteBatchmixplant(Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade) SSR Item No. 25.70	RCC STEPS				171.78 cub. m.
		36	1.22	0.25	0.17	
		SLAB				
		2	13.9	40	0.15	
		1	6	3.46	0.15	
		0	0	0	0	
		0	0	0	0	
		8	Providing and fixing in position TMT - FE - 500 bar reinforcement of various diameters forR.C.C.pilecaps,footings,foundations,slabs, beamscolumns,canopies,staircase,newels,chajjas,lintelspardis,copings,fins,archesetc.asperdetaileddesigns,drawingsandschedules.includingcutting, bending, hooking the bars, binding with wires or tack welding and supporting as required complete. SSR Item No. 26.33	0.12 of Concrete		
9	Providing second class Burnt Brick masonry with conventional / I.S. type bricks in cement mortar 1:6 in foundations and plinth of innerwalls / in plinth external walls including bailing out water manually, striking joints on unexposed faces, raking out joints on exposed faces and watering etc. Complete. SSR Item No. 27.01	2	13.9	0.91	-	788.02 cub. ft.
		2	40	0.91	-	
		4	13.9	3.2	-	
		4	40	3.2	-	
		0	0	0	-	
		0	0	0	-	
		0	0	0	-	
		0	0	0	-	
10	Providing second class Burnt Brick masonry with conventional / I.S. type bricks in cement mortar 1:6 in superstructure including striking joints, raking out joints, watering and scaffolding etc. Complete SSR Item No. 27.05	6	3.6	2.75	-	233.48 cub. m.
		3	3	2.75	-	
		4	3.45	2.75	-	
		4	2.5	2.75	-	
		8	2.77	2.75	-	
		2	4.17	2.75	-	

Sr. No.	DESCRIPTION	NO.	LENGTH M	BREDTH M	DEPTH M	QUANTITY
18	Providing and applying plastic emulsion paint of approved quality,colour and shade to old and new surfaces in two coats including scaffolding, preparing the surface. (excluding the primer coat)etc. complete. SSR NO -36.12	1				416.19 sq. m.
19	Providing and applying two coats of lead /zinc base oil paint /bituminious paint of approved colour to new structural steel work and iron work in buildings including scaffolding if necessary, cleaning and preparing the surface etc. complete. (excluding primer coat). SSR NO -35.04	1				788.02 sq.m.

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Approximate Estimate of Proposed Commercial Building

Company Name : Mega Agro Producer Company Ltd.

Gat. No.

Plot No. B-B-193

A/p - Wai MIDC, Tal. - Wai, Dist. - Satara.

ABSTRACT SHEET

Date - 31 MAY 2022

Sr. No.	DESCRIPTION	QUANTITY	RATE	AMMOUNT
1	Excavation for foundation in earth, soil of all types, sand, gravel and soft murum, including removing the excavated material up to adistance of 50m. beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary backfilling, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.50 m.) By Mechanical Means. SSR Item No. 21.02	246.3634 cub. m.	₹ 193.00	₹47,548.14
2	Filling in plinth and floors with contractors material /brought from out side and approved by Engineer in charge in layers of 15 cm to 20 cm including watering and compaction etc.complete. SSR Item No. 21.37	750 cub. m.	₹ 550.00	₹412,500.00
3	Providing and laying Cast insitu / Ready Mix cement concrete in M-10 of trap / granite / quartzite / gneiss metal for foundation and bedding including bailing out water, Steel centering, formwork, laying / pumping, compacting, roughening them if special finish is to be provided, finishing if required and curing complete, with fully automatic micro processor based PLC with SCADA enable dreversible Drum Type mixer / concrete Batch mix plant (Panmixer etc. complete. With fine aggregate (Crushed sand VSI Grade) SSR Item No. 24.01	202.08213 cub. m.	₹ 6,191.66	₹1,251,223.81

Sr. No.	DESCRIPTION	QUANTITY	RATE	AMMOUNT
4	<p>Providing and laying in situ / Ready Mix cement concrete M-20 of trap / granite / quartzite / gneiss metal for R.C.C. work in foundations like raft, strip foundations, grill age and footings of R.C.C. column sand steel stanchions etc. including bailing out water, Steel centering formwork, laying / pumping cover blocks, compaction and curing roughening the surface if special finish is to be provided (Excluding reinforcement and structural steel)etc. complete, with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer / concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade) SSR Item No. 25.11</p>	101.2648 cub. m.	₹ 6,997.12	₹708,561.96
5	<p>Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite/ quartzite /gneiss metal for R.C.C. columns as per detailed designs and drawing or as directed including steel centering, formwork, coverblocks, laying / pumping ,compaction finishing the formed surfaces with cement mortar1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided and curing etc . complete. (Excluding reinforcement and structural steel). with fully automatic microprocessor based PLC with SCADA enabled reversible Drum Type mixer /concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade) SSR Item No. 25.31</p>	48.789 cub. m.	₹ 13,339.24	₹650,808.18
6	<p>Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite/ quartzite /gneiss metal for R.C.C. columns as per detailed designs and drawing or as directed including steel centering, formwork, coverblocks, laying / pumping ,compaction finishing the formed surfaces with cement mortar1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided and curing etc . complete. (Excluding reinforcement and structural steel). with fully automatic microprocessor based PLC with SCADA enabled reversible Drum Type mixer /concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade) SSR Item No. 25.50</p>	234.735 cub. m.	₹ 11,814.12	₹2,773,187.46

Sr. No.	DESCRIPTION	QUANTITY	RATE	AMMOUNT
7	<p>Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite/ quartzite /gneiss metal for R.C.C. Slab & Landing as per detailed designs and drawing or as directed including steel centering, formwork, coverblocks, laying / pumping ,compaction finishing the formed surfaces with cement mortar1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided and curing etc . complete. (Excluding reinforcement and structural steel). with fully automatic microprocessor based PLC with SCADA enabled reversible Drum Type mixer /concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade) SSR Item No. 25.31</p>	171.7806 cub. m.	₹ 14,274.12	₹2,452,016.90
8	<p>Providing & Fixing in position TMT - FE - 500 bar reinforcement of various diameters for reinforced cement concrete pile caps, footings, foundations, slabs, beams, columns, canopies, staircase, newels chajjas, lintels pardis, copings, fins, arches etc. as per detailed designs, drawings & schedules including cutting, bending, hooking the bars, binding with wires or tack welding & supporting as required, complete. SSr Item No. 26.33</p>	12.151776 cub. m.	₹ 71,965.27	₹874,505.84
9	<p>Providing second class Burnt Brick masonry with conventional / I.S. type bricks in cement mortar 1:6 in foundations and plinth of innerwalls / in plinth external walls including bailing out water manually, striking joints on unexposed faces, raking out joints on exposed faces and watering etc. Complete. SSR Item No. 27.01</p>	788.018 sq. m.	₹ 7,894.54	₹6,221,039.62
10	<p>Providing second class Burnt Brick masonry with conventional / I.S. type bricks in cement mortar 1:6 in superstructure including striking joints, raking out joints, watering and scaffolding etc. Complete SSR Item No. 27.05</p>	233.475 sq. m.	₹ 8,207.90	₹1,916,339.45
11	<p>Providing waterproof plaster in Roof, W.C. and bath 20 mm thick for dado in cement mortar1:3 with neat finishing, floating using waterproofing compound at the rate of 1Kilogram per bag of cement of approved make and manufacturer and curing (and filling joints of Nahani trap and any out let by properly) etc.complete. SSR Item No. 31.0</p>	556 sq. m.	₹ 1,080.00	₹600,480.00

Sr. No.	DESCRIPTION	QUANTITY	RATE	AMMOUNT
12	Providing internal cement plaster 20 mm thick in Single coats cement mortar 1:4 without neeru finish ,to concrete, brick surface, in all positions including scaffolding and curingetc. SSR Item No. 32.07	416.192 sq. m.	₹ 412.63	₹171,733.30
13	Providing sand faced plaster externally in cement mortar using approved screened sand, in all positions including base coatof15 mm thick in cement mortar 1:4 using waterproofing compound at1 Kilogram per cement bag curing the same for not less than 2 day sand keeping the surface of the base coat rough to receive the sand faced treatment 6 to 8 mm thick in cement mortar 1:4 finishing the surface by taking out grains and curing for fourteen days scaffolding etc complete. SSR Item No. 32.11	788.018 sq. m.	₹ 615.65	₹485,143.28
14	Providing and laying Vitrified mirror / glossy finish having decorative type of size 590 millimeter to 605 millimeter x 590 millimeter to 605 millimeter of 8 to 10 millimeter thickness (on a existing flooring)with bonding chemical and confirming to IS15622-2006 (Group Bla)of approved make shade and pattern for flooring in required position laid on abed of bonding chemical filling joint scuring and cleaning etc.complete. 33.58	1189.714 sq. m.	₹ 1,192.00	₹1,418,139.09
15	Providing and fixing in position . (as per I.S. 1868/ 1982) Aluminium sliding window of two tracks with rectangular pipe having overall dimension 63.50x38.10x1.02 mm at weight 0.547 Kilogram /Runningmetre . and window frame bottom track section 61.85x31.75x1.20 mm at weight 0.695Kilogram /Runningmetre Top and side track section 61.85x31.75x1.30 mm at weight 0.659 Kilogram /Runningmetre . The shutter should be of bearing bottom 40x18x1.25mm at weight 0.417Kilogram / Running metre. Interlocking section 40x18x1.10mm at weight 0.469 Kilogram / Running metre. And handle section 40 x 18 x1.25 mm at weight 0.417 Kilogram / Runningmetre.and top section40x18x1.25 mm at weight 0.417 Kilogram /Runningmetre . As per detailed drawing sand as directed by Engineering charge with all necessary Aluminium sections fixtures and fastenings such as roller bearing including 5mm thick plain glass with all required screw sand nuts etc, complete. With colour Anodising with box. SSR NO -39.37	99.6052 sq. m.	₹ 560.00	₹55,778.91

Sr. No.	DESCRIPTION	QUANTITY	RATE	AMMOUNT
16	Providing and fixing mild steel grill work for windows, ventilators etc. 20 Kilogram /Square Metre as per drawing including fixtures,necessary welding and painting with one coats of anticorrosive paint and two coats of oil painting complete. SSR NO - 40.0	99.6052 sq. m.	₹ 1,845.00	₹183,771.59
17	Providing and fixing Country cut teak wood double or single leaf second class fully panelled door shutter with 35 mm thick style and rail with 25 mm thick pane ls with open able fan light as per detailed drawings. Excluding the door frame 60 mm x100 mm stainless steel fixtures and fastening and finishing the woodwork with oil painting 3 coats. (Excluding the door frame) . SSR NO.39.04	17.5938 sq. m.	₹ 782.00	₹13,758.35
18	Providing and applying plastic emulsion paint of approved quality,colour and shade to old and new surfaces in two coats including scaffolding, preparing the surface. (excluding the primer coat)etc. complete. SSR NO -36.12	416.192 sq. m.	₹ 70.00	₹29,133.44
19	Providing and applying two coats of lead /zinc base oil paint /bituminous paint of approved colour to new structural steel work and iron work in buildings including scaffolding if necessary,cleaning and preparing the surface etc. complete. (excluding primer coat). SSR NO - 35.04	788.018 sq. m.	₹ 85.00	₹66,981.53
TOTAL		=		₹14,998,454.42

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RATE ANALYSIS

Sr. No.	Description of Item	Quantity	Netlead Charges	Rates
1	Excavation for foundation in earth ,soil of all types, sand,gravel and soft murum,including removing the excavated material upto adistance of 50m. beyond the building are a and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary backfilling, ramming,watering including shoring and strutting etc. complete. (Lift upto 1.5 m.) By Mechanical Means SSR Item No. 21.02			
	BASIC RATE AS PER SSR 21-22			193.00/Cu.M.
			TOTAL RATE Rs .:=	193.00/Cu.M.
2	Filling in plinth and floors with contractors material /brought from out side and approved by Engineer in charge in layers of 15 cm to 20 cm including watering and compaction etc.complete. SSR Item No. 21.37			
	BASIC RATE AS PER SSR 21-22			550.00/Cu.M.
			TOTAL RATE Rs .:=	550.00/Cu.M.
3	Providing and laying Cast insitu / Ready Mix cement concrete in M-10 of trap / granite / quartzite / gneiss metal for foundation and bedding including bailing out water, Steel centering, formwork, laying / pumping, compacting, roughening them if special finish is to be provided, finishing if required and curing complete, with fully automatic micro processor based PLC with SCADA enable dreversible Drum Type mixer / concrete Batch mix plant (Panmixer etc. complete. With fine aggregate (Crushed sand VSI Grade) SSR Item No. 24.01			
	BASIC RATE AS PER SSR 21-22			5538.00/Cu.M.
	Less for SCADA	0.85	404.79	120/Cu.M.
	Add lead charges for 40 MM METAL	0.85	422.39	344.07/Cu.M.
	Add lead charges for 20 MM METAL	0.47	299.83	359.03/Cu.M.
	Add lead charges for sand	0.22	187.27	140.92/Cu.M.
	Add lead charges for cement	0.47	237.37	41.20/Cu.M.
	Deduct for royalty charges of sand			111.56/Cu.M.
			TOTAL RATE Rs .:=	6191.66/ Cu. M.
4	Providing and laying in situ / Ready Mix cement concrete M-20 of trap / granite / quartzite / gneiss metal for R.C.C. work in foundations like raft, strip foundations, grill age and footings of R.C.C. column sand steel stanchions etc. including bailing out water, Steel centering formwork, laying / pumping cover blocks, compaction and curing roughening the surface if special finish is to be provided (Excluding reinforcement and structural steel)etc. complete, with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer / concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade) SSR Item No. 25.11			
	BASIC RATE AS PER SSR 21-22			6666.00/Cu.M.
	Less for SCADA			120.00/Cu.M.
	Add lead charges for METAL	0.85	422.39	359.03/Cu.M.
	Add lead charges for sand	0.47	299.83	127.43/Cu.M.
	Add lead charges for cement	0.22	187.27	65.54/Cu.M.
	Deduct for royalty charges of sand	0.47	237.37	100.88/Cu.M.
			TOTAL RATE Rs .:=	6997.12/ Cu. M.

Sr. No.	Description of Item	Quantity	Netlead Charges	Rates
5	<p>Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite/ quartzite /gneiss metal for R.C.C. columns as per detailed designs and drawing or as directed including steel centering, formwork, coverblocks, laying / pumping ,compaction finishing the formed surfaces with cement mortar1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided and curing etc . complete. (Excluding reinforcement and structural steel). with fully automatic microprocessor based PLC with SCADA enabled reversible Drum Type mixer /concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade) SSR Item No. 25.31</p> <p>BASIC RATE AS PER SSR 21-22</p> <p>Less for SCADA</p> <p>Add lead charges for METAL</p> <p>Add lead charges for sand</p> <p>Add lead charges for cement</p> <p>Deduct for royalty charges of sand</p> <p>TOTAL RATE Rs . =</p>			<p>12987.00/Cu.M.</p> <p>120.00/Cu.M.</p> <p>359.03/Cu.M.</p> <p>127.43/Cu.M.</p> <p>65.54/Cu.M.</p> <p>100.88/Cu.M.</p> <p>13339.24/ Cu. M.</p>
6	<p>Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite/ quartzite /gneiss metal for R.C.C. columns as per detailed designs and drawing or as directed including steel centering, formwork, coverblocks, laying / pumping ,compaction finishing the formed surfaces with cement mortar1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided and curing etc . complete. (Excluding reinforcement and structural steel). with fully automatic microprocessor based PLC with SCADA enabled reversible Drum Type mixer /concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade) SSR Item No. 25.50</p> <p>BASIC RATE AS PER SSR 21-22</p> <p>Less for SCADA</p> <p>Add lead charges for METAL</p> <p>Add lead charges for sand</p> <p>Add lead charges for cement</p> <p>Deduct for royalty charges of sand</p> <p>TOTAL RATE Rs . =</p>			<p>11483.00/Cu.M.</p> <p>120.00/Cu.M.</p> <p>359.03/Cu.M.</p> <p>127.43/Cu.M.</p> <p>65.54/Cu.M.</p> <p>100.88/Cu.M.</p> <p>11814.12/ Cu. M.</p>
7	<p>Providing and laying Cast in situ /Ready Mix ceme concrete M-20 of trap /granite /quartzite /gneiss metal for R.C.C. slabs landings as per detailed designs and drawings including steel centering, formwork, coverblocks, laying /pumping, compaction finishing the formed surfaces with cement mortar1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided and curing etc. complete ,(Excluding reinforcement and structural steel). with fully automatic microprocessor based PLC with SCADA enabled reversible Drum Typemixer/concreteBatchmixplant(Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade) SSR Item No. 25.70</p> <p>BASIC RATE AS PER SSR 21-22</p> <p>Less for SCADA</p> <p>Add lead charges for METAL</p> <p>Add lead charges for sand</p> <p>Add lead charges for cement</p> <p>Deduct for royalty charges of sand</p> <p>TOTAL RATE Rs . =</p>			<p>13943.00/Cu.M.</p> <p>120.00/Cu.M.</p> <p>359.03/Cu.M.</p> <p>127.43/Cu.M.</p> <p>65.54/Cu.M.</p> <p>100.88/Cu.M.</p> <p>14274.12/ Cu. M.</p>

Sr. No.	Description of Item	Quantity	Netlead Charges	Rates
8	<p>Providing and fixing in position TMT - FE - 500 bar reinforcement of various diameters for R.C.C. pile caps, footings, foundations, slabs, beams, columns, canopies, staircase, newels, chajjas, lintels, pardis, copings, fins, arches etc. as per detailed designs, drawings and schedules including cutting, bending, hooking the bars, binding with wires or tack welding and supporting as required complete. SSR Item No. 26.33</p> <p>BASIC RATE AS PER SSR 21-22</p> <p>Add lead charges for Metal</p>	1	187.27	<p>71778.00/Cu.M.</p> <p>187.27/Cu.M.</p> <p>TOTAL RATE Rs := 71965.27/ Cu. M.</p>
9	<p>Providing second class Burnt Brick masonry with conventional / I.S. type bricks in cement mortar 1:6 in foundations and plinth of inner walls / in plinth external walls including bailing out water manually, striking joints on unexposed faces, raking out joints on exposed faces and watering etc. Complete. SSR Item No. 27.01</p> <p>BASIC RATE AS PER SSR 21-22</p> <p>Add lead charges for brick</p> <p>Add lead charges for sand</p> <p>Add lead charges for cement</p> <p>Deduct for royalty charges of sand</p>	1 0.32 0.079 0.32	603.12 299.83 187.27 237.37	<p>7343/Cu.M.</p> <p>603.12/Cu.M.</p> <p>95.95/Cu.M.</p> <p>14.79/Cu.M.</p> <p>75.96/Cu.M.</p> <p>TOTAL RATE Rs := 8207.90/ Cu. M.</p>
10	<p>Providing second class Burnt Brick masonry with conventional / I.S. type bricks in cement mortar 1:6 in superstructure including striking joints, raking out joints, watering and scaffolding etc. Complete SSR Item No. 27.05</p> <p>BASIC RATE AS PER SSR 21-22</p> <p>Add lead charges for brick</p> <p>Add lead charges for sand</p> <p>Add lead charges for cement</p> <p>Deduct for royalty charges of sand</p>	1 0.32 0.079 0.32	603.12 299.83 187.27 237.37	<p>7570/Cu.M.</p> <p>603.12/Cu.M.</p> <p>95.95/Cu.M.</p> <p>14.79/Cu.M.</p> <p>75.96/Cu.M.</p> <p>TOTAL RATE Rs := 8207.90/ Cu. M.</p>
11	<p>Providing waterproof plaster in Roof, W.C. and bath 20 mm thick for dado in cement mortar 1:3 with neat finishing, floating using waterproofing compound at the rate of 1 Kilogram per bag of cement of approved make and manufacturer and curing (and filling joints of Nahani trap and any out let by properly) etc. complete. SSR Item No. 31.04</p> <p>BASIC RATE AS PER SSR 21-22</p>			<p>1080/ Cu. M</p> <p>TOTAL RATE Rs := 1080/ Cu. M</p>
12	<p>Providing internal cement plaster 20 mm thick in Single coats cement mortar 1:4 without neeru finish, to concrete, brick surface, in all positions including scaffolding and curing etc. SSR Item No. 32.07</p> <p>BASIC RATE AS PER SSR 21-22</p> <p>Add lead charges for sand</p> <p>Add lead charges for cement</p> <p>Deduct for royalty charges of sand</p>	0.17 0.0085 0.025	299.83 187.27 237.37	<p>366/Sq.M.</p> <p>50.97/Sq.M.</p> <p>1.59/Sq.M.</p> <p>5.93/Sq.M.</p> <p>TOTAL RATE Rs := 412.63/ Sq.M.</p>

Sr. No.	Description of Item	Quantity	Netlead Charges	Rates
13	<p>Providing sand faced plaster externally in cement mortar using approved screened sand, in all positions including base coat of 15 mm thick in cement mortar 1:4 using waterproofing compound at 1 Kilogram per cement bag curing the same for not less than 2 days and keeping the surface of the base coat rough to receive the sand faced treatment 6 to 8 mm thick in cement mortar 1:4 finishing the surface by taking out grains and curing for fourteen days scaffolding etc complete. SSR Item No. 32.11</p> <p>BASIC RATE AS PER SSR 21-22</p> <p>Add lead charges for sand</p> <p>Add lead charges for cement</p> <p>Deduct for royalty charges of sand</p> <p>TOTAL RATE Rs .:=</p>			<p>599.00/Sq.M.</p> <p>74.96/Sq.M.</p> <p>1.03/Sq.M.</p> <p>59.34/Sq.M.</p> <p>615.65/ Sq. M.</p>
14	<p>Providing and laying Vitrified mirror / glossy finish having decorative type of size 590 millimeter to 605 millimeter x 590 millimeter to 605 millimeter of 8 to 10 millimeter thickness (on a existing flooring) with bonding chemical and conforming to IS 15622-2006 (Group B) of approved make shade and pattern for flooring in required position laid on bed of bonding chemical filling joint scuring and cleaning etc. complete. 33.58</p> <p>BASIC RATE AS PER SSR 21-22</p> <p>TOTAL RATE Rs .:=</p>			<p>1192/ M.T.</p> <p>1192/ M.T.</p>
15	<p>Providing and fixing in position . (as per I.S. 1868/ 1982) Aluminium sliding window of two tracks with rectangular pipe having overall dimension 63.50x38.10x1.02 mm at weight 0.547 Kilogram /Runningmetre . and window frame bottom track section 61.85x31.75x1.20 mm at weight 0.695 Kilogram /Runningmetre Top and side track section 61.85x31.75x1.30 mm at weight 0.659 Kilogram /Runningmetre . The shutter should be of bearing bottom 40x18x1.25mm at weight 0.417 Kilogram / Running metre. Interlocking section 40x18x1.10mm at weight 0.469 Kilogram / Running metre. And handle section 40 x 18 x 1.25 mm at weight 0.417 Kilogram / Runningmetre. and top section 40x18x1.25 mm at weight 0.417 Kilogram /Runningmetre . As per detailed drawing sand as directed by Engineering charge with all necessary Aluminium sections fixtures and fastenings such as roller bearing in nylon casting and self locking catch fitted in vertical section of shutter including 5mm thick plain glass with all required screw sand nuts etc, complete. With colour Anodising with box. SSR NO -39.37</p> <p>BASIC RATE AS PER SSR 21-22</p> <p>TOTAL RATE Rs .:=</p>			<p>5606/ Sq .M.</p> <p>5606/ Sq .M.</p>
16	<p>Providing and fixing mild steel grill work for windows, ventilators etc. 20 Kilogram /Square Metre as per drawing including fixtures, necessary welding and painting with one coats of anticorrosive paint and two coats of oil painting complete. SSR NO - 40.01</p> <p>BASIC RATE AS PER SSR 21-22</p> <p>TOTAL RATE Rs .:=</p>			<p>1845.00/ Sq .M.</p> <p>1845.00/ Sq .M.</p>
17	<p>Providing and fixing Country cut teak wood double or single leaf second class fully panelled door shutter with 35 mm thick style and rail with 25 mm thick panels with open able fan light as per detailed drawings. Excluding the door frame 60 mm x 100 mm stainless steel fixtures and fastening and finishing the woodwork with oil painting 3 coats. (Excluding the door frame) . SSR NO.39.04</p> <p>BASIC RATE AS PER SSR 21-22</p> <p>TOTAL RATE Rs .:=</p>			<p>782/ Sq .M.</p> <p>782/ Sq .M.</p>

Sr. No.	Description of Item	Quantity	Netlead Charges	Rates
18	Providing and applying two coats of lead /zinc base oil paint /bituminious paint of approved colour to new structural steel work and iron work in buildings including scaffolding if necessary, cleaning and preparing the surface etc. complete. (excluding primer coat). SSR NO -35.04			
	BASIC RATE AS PER SSR 21-22			70/ Sq .M.
	Add lead charges for Steel		TOTAL RATE Rs . =	70/ Sq .M.
19	Providing and applying two coats of lead /zinc base oil paint /bituminious paint of approved colour to new structural steel work and iron work in buildings including scaffolding if necessary, cleaning and preparing the surface etc. complete. (excluding primer coat). SSR NO -35.04			
	BASIC RATE AS PER SSR 21-22			85/ Sq .M.
			TOTAL RATE Rs . =	85/ Sq .M.

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MST ASSOCIATES **Construction & Consultancy**

Er. Prashant D. Mulik (M. Tech. Civil – Structure) License No. CBSVC/R/2021/APL/00133

Office at-Vita, Tal-Khanapur, Dist- Sangli ,415-311, Mob- 9975484156.

Date : 31 May. 2022

Name of work :

Construction of Mega Agro Producer Company Ltd.

A/P - Wai MIDC, Tal. - Wai, Dist. - Satara.

SSR 2021-2022

GENERAL ABSTRACT

SR. NO	ITEM O WORK	AMOUNT	
1	COST OF RESIDENTAL BUILDING	RS	12748686.26
2	ADD 12% FOR GST CHARGES	RS	1799814.53
3	ADD 1% FOR SQM CHARGES	RS	149984.54
4	ADD 1% FOR TECHNICAL SANCTION CHARGES	RS	149984.54
5	ADD 1% LABOUR INSURANCE	RS	149984.54
TOTAL AMOUNT		RS	1,49,98,454.00

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Name of work :

Construction of Mega Agro Producer Company Ltd.

A/P - Wai MIDC, Tal. - Wai, Dist. - Satara.

LEAD CHART

SR NO	MATERIAL	LOCATION OF QUARRY	LEAD KM	NET LEAD CHARGE
1	2	3	4	5
1	SOLING	LOCAL	5.00	516.75
2	METAL ABOVE 40MM NORMAL SIZE	LOCAL	5.00	404.79
3	METAL BELOW 40MM NORMAL SIZE	LOCAL	5.00	422.39
4	SAND	LOCAL	10.00	299.83
5	CEMENT / STEEL	LOCAL	5.00	187.27
6	TILES	LOCAL	5.00	527.88
7	H.M	LOCAL	5.00	220.06
8	BRICKS	LOCAL	10.00	603.12

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