

Sanjay Andey

B.E.(civil), F.I.V.

Govt. Registered Valuer & Engineering Consultant
CAT NO.- 1/86/2007-2008 & I.V. NO.- F-11988(L.M.)

99, Sudhir colony, Near Vivekanand Ashram, Akola. Ph.- 0724-2457741, Cell - 9422160051

DATE: 28/11/2022

PLACE: AKOLA

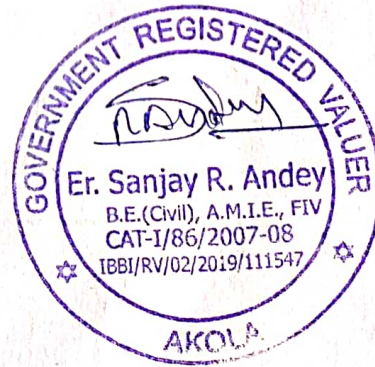
Certificate of Resonableness of Estimate

This is to certify that the detailed estimate of Construction of Shed/Godowns for Dal Mill, Finished Goods, Flower Mill & Shed for Raw Bengal Gram belonging to Mangrul Kambe Shedule Cast Seed Producing Company Ltd., Director- Mr. Amit Ramesh Tayade constructed in S.No.-258, Mouje- Mangrul Kambe, Tq.-Murtizapur & Distt.-Akola is verified by me.

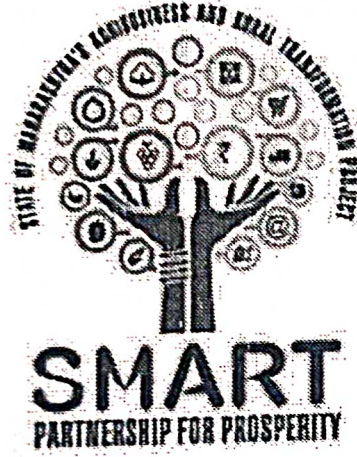
On the said Plot, construction work of Dal Mill with various Structure will take place & for that the estimate is submitted by said client.

The proposed construction of said Structure will be on R.C.C. foundation. The B/up area of Finished Goods Store- 192.00sq.mt., Dal Mill Shed - 120sq.mt., Flower Mill Shed-132sq.mt. & Store for Raw Bengal Gram-120sq.mt. Total B/up area is 564.00sq.mt. i.e.6068.64sq.ft. having estimated cost of Rs.98,39,855/- (Including cost of Internal Roads & Development of Land) which is Rs.1621/-sq.ft. which is fair & reasonable for the specifications considered in the estimate.

Hence Certified.



महाराष्ट्र शासन
कृषि विभाग
मा. बाळासाहेब ठाकरे कृषि व्यवसाय व ग्रामीण परिवर्तन प्रकल्प (स्मार्ट)
(जागतिक बँक अर्थसहाय्यित)



[DETAILED - ESTIMATE]

Name of work :

PROPOSED CONSTRUCTION OF PROCESSING UNITS (SHED FOR DAL MILL, SHED FOR FLOUR MILL) AND FOR SHED FOR STORAGES GODAWOON .FOR MANGRUL KAMBE SCHEDULED CAST SEED PRODUCER COMPANY LTD. ON SURVEY NO 258 AT POST MANGRUL KAMBE TQ MURTIZAPUR DIST AKOLA WITH CONSTRUCTION AREA 252 SQ.M AND THE TOTALSTORAGES GODAWOON CAPACITY OF 320 MT.

ESTIMATED COST: 98,39,855.00RS

ESTIMATE

Division:-

Fund Head:-

Major Head:-

Minor Head:-

Service Head:-

Departmental Head:-

Estimate framed by the state scheduled rate of year 2022-2023 and all the necessities are fulfilled by the demand of projects estimate. All the charges , taxes are already included in the estimated amount the amount can flexible up to the 10%.

General Description

Separately Attached

Recapitulation Sheet

Name of Work

PROPOSED CONSTRUCTION FOR MANGRUL KAMBE SHEDULED CAST PRODUCER
COMPANY LIMITED.

SSR YEAR

2022-2023

Sub Work Name

Amount

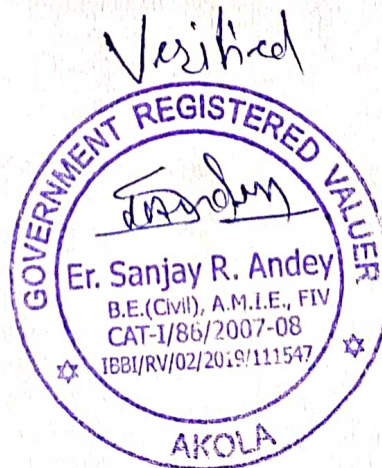
1	CIVIL WORK COST FOR GODAWOON UNIT	3,701,469.55
2	CIVIL WORK COST FOR PROCESSING SHED CONSTRUCTION	4,637,437.95
Total Amount		8,338,907.50
Round off		8,338,908.00

ADD ON WORK PORTION		
GST Charges 18 % (On Work Portion)		1,501,003.00
Grand Total		9,839,910.50
Round off		9,839,911.00

Rupees Ninty Eight Lakh Thirty Nine Thousand Nine Hundred And Eleven Only

Junior Engineer
ENGINEER

Junior Engineer
ENGINEER



Name of Work : PROPOSED CONSTRUCTION FOR MANGRUL KAMBE SHEDULED CAST PRODUCER COMPANY LIMITED.

Description	Quantity	Rate/Unit	Amount
1 . NAME OF SUB WORK -- CIVIL WORK COST FOR GODAWOON UNIT			
ITEM NO. : 1 Excavation for foundation by mechanical means in earth, soils of all types, sand, gravel, soft murum including shoring and strutting as necessary and disposing off excavated stuff as directed etc. complete. Upto 1.50m lift Normal Rate....(INo12-02A , PgNo 84) (STATE SSR) Item Spec: (BR.3 Page No. 102)	112.896	239.00/Cu.Mt.	26,982.15
ITEM NO. : 2 Filling in plinth and floors with approved excavated material in 15cm. to 20cm. layers including watering and compacting etc. complete.....(INo21-36 , PgNo 157) (STATE SSR) Item Spec: (Bd.A.10 Page No. 262)	345.600	120.00/Cu.Mt.	41,472.00
ITEM NO. : 3 Providing and laying Cast in situ/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 enabled reversible Drum Type mixer/concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade finely washed etc)....(INo24-01, PgNo 175) (STATE SSR) Item Spec: (Bd. E. 1 Page No. 287) RA NO. : 1	51.101	6417.20/Cu.Mt.	327,925.35
ITEM NO. : 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. columns and 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 finely washed etc)....(INo25-11, PgNo 178) (STATE SSR) Item Spec: (Bd.F.3 Page No. 298 and B.7, Page No.38) RA NO. : 2	28.224	7681.75/Cu.Mt.	216,809.70
ITEM NO. : 5 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. columns and 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 WITHOUT SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade finely washed)....(INo25-11 NS, PgNo 178) (STATE SSR) Item Spec: (Bd.F.3 Page No. 298 and B.7, Page No.38) RA NO. : 3	10.278	7603.75/Cu.Mt.	78,151.35

Description	Quantity	Rate/Unit	Amount
<p>ITEM NO. : 6 Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. beams and lintels as per detailed designs and drawings or as directed including steel centering, formwork, cover blocks, laying/pumping, compaction and roughening the surface if special finish is to be provided and curing etc. complete. (Excluding reinforcement and structural steel). with fully automatic micro processor based PLC WITHOUT SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade finely washed)....(INo25-50 NS, PgNo 181) (STATE SSR) Item Spec: (Bd.F.6 Page No. 300 and B.7, Page No.38)</p> <p>RA NO. : 4</p>	12.880	12768.75/Cu.Mt.	164,461.50
<p>ITEM NO. : 7 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, 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.....(INo26-33, PgNo 188) (STATE SSR) Item Spec: (Bd.F.17, Page No. 306)</p> <p>RA NO. : 5</p>	3.952	89958.20/M.T.	355,514.80
<p>ITEM NO. : 8 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.....(INo27-01, PgNo 197) (STATE SSR) Item Spec: (Bd.G. 1 Page No. 313)</p> <p>RA NO. : 6</p>	26.312	8233.85/Cu.Mt.	216,649.05
<p>ITEM NO. : 9 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.....(INo27-05, PgNo 197) (STATE SSR) Item Spec: (Bd.G.5 Page No. 315)</p> <p>RA NO. : 7</p>	53.958	8472.85/Cu.Mt.	457,178.05
<p>ITEM NO. : 10 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 kg 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.....(INo32-11, PgNo 209) (STATE SSR) Item Spec: (Bd.L.7 Page No. 369)</p> <p>RA NO. : 8</p>	234.600	652.30/Sq.Mt.	153,029.60
<p>ITEM NO. : 11 Providing internal cement plaster 6 mm thick in a single coat in cement mortar 1:4 without neeru finish to concrete surface in all positions including scaffolding and curing etc. complete.....(INo32-01, PgNo 209) (STATE SSR) Item Spec: (Bd.L.1 Page No. 367)</p> <p>RA NO. : 9</p>	234.600	206.00/Sq.Mt.	48,327.60

Description	Quantity	Rate/Unit	Amount
ITEM NO. : 12 Providing & applying washable oil-bound distemper of approved colour and shade to old & new surfaces in two coats including scaffolding, preparing the surfaces. (excluding the primer coat.) etc. complete.....(INo36-11 , PgNo 227) (STATE SSR) Item Spec: (Bd.P.5 Page No. 413)	235.500	48.00/Sq.Mt.	11,304.00
ITEM NO. : 13 Providing and applying colour-wash of approved colour and shade in one coat to new surface including scaffolding, brushing and brooming down (excluding base coats of white wash) etc. complete.....(INo36-04 , PgNo 227) (STATE SSR) Item Spec: (Bd. P.2 Page No. 412)	235.500	10.00/Sq.Mt.	2,355.00
ITEM NO. : 14 Providing and fabricating structural steel work in rolled sections like joists, channels, angles, tees etc. as per detailed design and drawings or as directed including cutting, fabricating, hoisting, erecting, fixing in position making riveted / bolted /welded connections without connecting plates, braces etc. and including one coat of anticorrosive paint and over it two coats of oil painting of approved quality and shade etc. complete.....(INo23-01, PgNo 173) (STATE SSR) Item Spec: (Bd.C.2 Page No. 275) RA NO. : 10	1.872	102139.95/M.T.	191,206.00
ITEM NO. : 15 Providing and fabricating structural steel work in rolled sections, fixed with connecting plates or angle cleats in main and cross beams, hip and jack rafters, purlins connecting to truss members and the like, as per detailed designs and drawing or as directed including cutting, fabricating, hoisting, erecting, fixing in position, making riveted/ bolted/ welded connections and one coat of anticorrosive paint and over it two coats of oil painting of approved quality and shade etc. complete.....(INo23-02, PgNo 173) (STATE SSR) Item Spec: (Bd.C.3 Page No. 275) RA NO. : 11	1.902	98054.95/M.T.	186,500.50
ITEM NO. : 16 Providing structural steel work in trusses, other similar trussed purlins and members with all bracing, gusset plates etc. as per detailed designs and drawings or as directed including cutting, fabricating, hoisting, erecting fixing in position, Making riveted/ bolted/ welded connection and one coat of anticorrosive paint and over it 2 coats of oil painting approved quality and shade etc. complete.....(INo23-04, PgNo 173) (STATE SSR) Item Spec: (Bd.C.8 Page No. 278) RA NO. : 12	1.036	119754.95/M.T.	124,066.15
ITEM NO. : 17 Providing and fixing plain zinc sheeting of 0.80 mm thick (22 B.W.G.) over the ridge hip or valley to galvanized iron sheet roofing including all fastening and bolt galvanised iron screws and bolts, lead and bitumen washers etc. complete.(Weight of 6.8 kg/sq.m.).....(INo38-05 , PgNo 233) (STATE SSR) Item Spec: (Bd.R.5, Page No. 453)	574.400	1139.00/Sq.Mt.	654,241.60

Description	Quantity	Rate/Unit	Amount
<p>ITEM NO. : 18 Providing and fixing self supporting steel roofing system (Proflex) for a Godown or alike made up of structural grade steel sheet of 912 millimeter width (tolerance + / - 2 millimeter), moulded at site using mechanical press dies to the desired curve and shape to form 605 millimeter wide interlocking panels . The interlocking panels shall be pressed to close the seam forming water tight joints for a span of 21.30 meter having arch rise as 4.26 meter, arch length 25.13 meter. The base material made up of imported galvalume steel complying to ASTM A792 having base metal thickness of 1.00 millimeter (tolerace + / - 0.02 millimeter) with alloy coating AZ 150 and paint coating of regular modified polyester , top coat 25 micron and bottom coat 12 micron as per approved colour , including fixing hangers , clamps etc.as may be necessary of Proflex standard, including fixing sky light of 2 millimeter thick polycarbonate sheet of size 2' x 14' and turbo ventilator of 24" diameter to be installed at every 30 feet along the length of roof including finishing , testing and cleaning etc. complete.....(INo38-42 , PgNo 239) (STATE SSR) Item Spec: (As directed by Engineer in charge.)</p>	12.000	2357.00/Sq.Mt.	28,284.00
<p>ITEM NO. : 19 Providing and fixing rolling shutter fabricated from steel laths of minimum thickness 0.9 mm with lock plate of 3.15 mm thickness reinforced with 35 x 35 x 5 mm angle section fitted with sliding bolts and handles for both sides, deep M.S. channel section of depth and thickness not less than 65 mm and 3.15 mm respectively with hold fast arrangements, M.S. Bracket plate 300 x 300 x 3.15 mm minimum size and shape with square bar, suspension shaft of minimum 32 mm diameter, hood cover of M.S. sheet not less than 0.9 mm thickness and of any size at top and safety devices including mechanical gear operation arrangement consisting of worm gear wheels and worms of high grade cast iron or mild steel and one coat of red lead primer etc. complete. (I.S. 6248-1979) (With mechanical gear)....(INo39-25 , PgNo 249) (STATE SSR) Item Spec: (Bd.T.55, Page No. 510)</p>	46.720	5308.00/Sq.Mt.	247,989.75
<p>ITEM NO. : 20 Providing and fixing single or double leaf panelled door shutter excluding frame with glazed openable fanlight shutter 35 mm thick as per detailed drawing consisting panelled vertical styles 100 mm x 35 mm and lock and bottom rail 200 mm x 35 mm and panels 12 mm thick both side commercial ply faced particle board including stainless steel fixtures and fastening and T.W. beading at junctions of panel inserts and as instructed by the Engineer in charge including 3 coats of oil painting etc. complete.....(INo39-07 , PgNo 246) (STATE SSR) Item Spec: (As directed by Engineer in charge.)</p>	23.040	7336.00/Sq.Mt.	169,021.45
<p>TOTAL AMOUNT FOR SUB WORK NO. 1</p> <p>Rupees Thirty Seven Lakh One Thousand Four Hundred And Sixty Nine And Paise Sixty Only</p>			3,701,469.60
<p>2. NAME OF SUB WORK -- CIVIL WORK COST FOR PROGRESSING SHED CONSTRUCTION</p> <p>ITEM NO. : 1 Excavation for foundation by mechanical means in earth, soils of all types, sand, gravel, soft murum including shoring and strutting as necessary and disposing off excavated stuff as directed etc. complete. Upto 1.50m lift Normal Rate....(INo12-02A , PgNo 84) (STATE SSR) Item</p>	185.472	239.00/Cu.Mt.	44,327.80

Description	Quantity	Rate/Unit	Amount
Spec: (BR.3 Page No. 102)			
ITEM NO. : 2 Filling in plinth and floors with approved excavated material in 15cm. to 20cm. layers including watering and compacting etc. complete.....(INo21-36 , PgNo 157) (STATE SSR) Item Spec: (Bd.A.10 Page No. 262)	378.000	120.00/Cu.Mt.	45,360.00
ITEM NO. : 3 Providing and laying Cast in situ/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 enabled reversible Drum Type mixer/concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade finely washed etc)....(INo24-01, PgNo 175) (STATE SSR) Item Spec: (Bd. E. 1 Page No. 287) RA NO. : 1	66.960	6417.20/Cu.Mt.	429,695.70
ITEM NO. : 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. columns and 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 finely washed etc)....(INo25-11, PgNo 178) (STATE SSR) Item Spec: (Bd.F.3 Page No. 298 and B.7, Page No.38) RA NO. : 2	56.304	7681.75/Cu.Mt.	432,513.25
ITEM NO. : 5 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. columns and 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 WITHOUT SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade finely washed)....(INo25-11 NS, PgNo 178) (STATE SSR) Item Spec: (Bd.F.3 Page No. 298 and B.7, Page No.38) RA NO. : 3	12.865	7603.75/Cu.Mt.	97,822.25
ITEM NO. : 6 Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. beams and lintels as per detailed designs and drawings or as directed including steel centering, formwork, cover blocks, laying/pumping, compactionand roughening the surface if special finish is to be provided and curing etc. complete. (Excluding reinforcement and structural steel). with fully automatic micro processor based PLC WITHOUT SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade finely washed)....(INo25-50 Estimate20-21-E01	13.306	12768.75/Cu.Mt.	169,901.00

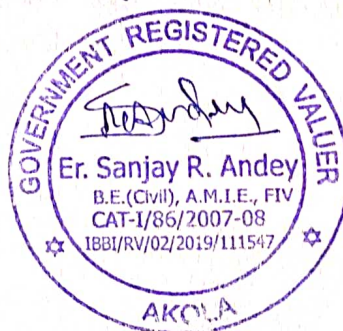
Description	Quantity	Rate/Unit	Amount
NS, PgNo 181) (STATE SSR) Item Spec: (Bd.F.6 Page No. 300 and B.7, Page No.38) RA NO. : 4			
ITEM NO. : 7 Providing and fixing in position TMT - FE - 500 bar reinforcement of various diameters for R.C.C. pile caps, footings, foundations, slabs, beams columns, canopies, 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.....(INo26-33, PgNo 188) (STATE SSR) Item Spec: (Bd.F.17, Page No. 306) RA NO. : 5	6.266	89958.20/M.T.	563,678.10
ITEM NO. : 8 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.....(INo27-01, PgNo 197) (STATE SSR) Item Spec: (Bd.G. 1 Page No. 313) RA NO. : 6	28.336	8233.85/Cu.Mt.	233,314.40
ITEM NO. : 9 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....(INo27-05, PgNo 197) (STATE SSR) Item Spec: (Bd.G.5 Page No. 315) RA NO. : 7	63.296	8472.85/Cu.Mt.	536,297.50
ITEM NO. : 10 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 kg 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.....(INo32-11, PgNo 209) (STATE SSR) Item Spec: (Bd.L.7 Page No. 369) RA NO. : 8	260.400	652.30/Sq.Mt.	169,858.90
ITEM NO. : 11 Providing internal cement plaster 6 mm thick in a single coat in cement mortar 1:4 without neeru finish to concrete surface in all positions including scaffolding and curing etc. complete.....(INo32-01, PgNo 209) (STATE SSR) Item Spec: (Bd.L.1 Page No. 367) RA NO. : 9	260.400	206.00/Sq.Mt.	53,642.40
ITEM NO. : 12 Providing & applying washable oil-bound distemper of approved colour and shade to old & new surfaces in two coats including scaffolding, preparing the surfaces. (excluding the primer coat.) etc. complete.....(INo36-11, PgNo 227) (STATE SSR) Item Spec: (Bd.P.5 Page No. 413)	260.300	48.00/Sq.Mt.	12,494.40

Description	Quantity	Rate/Unit	Amount
ITEM NO. : 13 Providing and applying colour-wash of approved colour and shade in one coat to new surface including scaffolding, brushing and brooming down (excluding base coats of white wash) etc. complete.....(INo36-04 , PgNo 227) (STATE SSR) Item Spec: (Bd. P.2 Page No. 412)	260.300	10.00/Sq.Mt.	2,603.00
ITEM NO. : 14 Providing and fabricating structural steel work in rolled sections like joists, channels, angles, tees etc. as per detailed design and drawings or as directed including cutting, fabricating, hoisting, erecting, fixing in position making riveted / bolted /welded connections without connecting plates, braces etc. and including one coat of anticorrosive paint and over it two coats of oil painting of approved quality and shade etc. complete.....(INo23-01, PgNo 173) (STATE SSR) Item Spec: (Bd.C.2 Page No. 275) RA NO. : 10	1.806	102139.95/M.T.	184,464.75
ITEM NO. : 15 Providing and fabricating structural steel work in rolled sections, fixed with connecting plates or angle cleats in main and cross beams, hip and jack rafters, purlins connecting to truss members and the like, as per detailed designs and drawing or as directed including cutting, fabricating, hoisting, erecting, fixing in position, making riveted/ bolted/ welded connections and one coat of anticorrosive paint and over it two coats of oil painting of approved quality and shade etc. complete.....(INo23-02, PgNo 173) (STATE SSR) Item Spec: (Bd.C.3 Page No. 275) RA NO. : 11	2.123	98054.95/M.T.	208,170.65
ITEM NO. : 16 Providing structural steel work in trusses, other similar trussed purlins and members with all bracing, gusset plates etc. as per detailed designs and drawings or as directed including cutting, fabricating, hoisting, erecting fixing in position, Making riveted/ bolted/ welded connection and one coat of anticorrosive paint and over it 2 coats of oil painting approved quality and shade etc. complete.....(INo23-04, PgNo 173) (STATE SSR) Item Spec: (Bd.C.8 Page No. 278) RA NO. : 12	1.075	119754.95/M.T.	128,736.60
ITEM NO. : 17 Providing and fixing plain zinc sheeting of 0.80 mm thick (22 B.W.G.) over the ridge hip or valley to galvanized iron sheet roofing including all fastening and bolt galvanised iron screws and bolts, lead and bitumen washers etc. complete.(Weight of 6.8 kg/sq.m.).....(INo38-05 , PgNo 233) (STATE SSR) Item Spec: (Bd.R.5, Page No. 453)	537.200	1139.00/Sq.Mt.	611,870.80
ITEM NO. : 18 Providing and fixing self supporting steel roofing system (Proflex) for a Godown or alike made up of structural grade steel sheet of 912 millimeter width (tolerance + / - 2 millimeter), moulded at site using mechanical press dies to the desired curve and shape to form 605 millimeter wide interlocking panels . The interlocking panels shall be pressed to close the seam forming water tight joints for a span of 21.30 meter having arch rise as 4.26 meter, arch length 25.13 meter. The base material made up of imported galvalume steel complying to ASTM A792 having base metal thickness of 1.00 millimeter (tolerace + / - 0.02	20.000	2357.00/Sq.Mt.	47,140.00

Description	Quantity	Rate/Unit	Amount
<p>millimeter) with alloy coating AZ 150 and paint coating of regular modified polyester , top coat 25 micron and bottom coat 12 micron as per approved colour , including fixing hangers , clamps etc.as may be necessary of Proflex standard, including fixing sky light of 2 millimeter thick polycarbonate sheet of size 2' x 14' and turbo ventilator of 24" diameter to be installed at every 30 feet along the length of roof including finishing , testing and cleaning etc. complete.....(INo38-42 , PgNo 239) (STATE SSR) Item Spec: (As directed by Engineer In charge.)</p>			
<p>ITEM NO. : 19 Providing and fixing rolling shutter fabricated from steel laths of minimum thickness 0.9 mm with lock plate of 3.15 mm thickness reinforced with 35 x 35 x 5 mm angle section fitted with sliding bolts and handles for both sides, deep M.S. channel section of depth and thickness not less than 65 mm and 3.15 mm respectively with hold fast arrangements, M.S. Bracket plate 300 x 300 x 3.15 mm minimum size and shape with square bar, suspension shaft of minimum 32 mm diameter, hood cover of M.S. sheet not less than 0.9 mm thickness and of any size at top and safety devices including mechanical gear operation arrangement consisting of worm gear wheels and worms of high grade cast Iron or mild steel and one coat of red lead primer etc. complete. (I.S. 6248-1979) (With mechanical gear)....(INo39-25 , PgNo 249) (STATE SSR) Item Spec: (Bd.T.55, Page No. 510)</p>	61.700	5308.00/Sq.Mt.	327,503.60
<p>ITEM NO. : 20 Providing and fixing single or double leaf panelled door shutter excluding frame with glazed openable fanlight shutter 35 mm thick as per detailed drawing consisting panelled vertical styles 100 mm x 35 mm and lock and bottom rail 200 mm x 35 mm and panels 12 mm thick both side commercial ply faced particle board including stainless steel fixtures and fastening and T.W. beading at junctions of panel inserts and as instructed by the Engineer in charge including 3 coats of oil painting etc. complete.....(INo39-07 , PgNo 246) (STATE SSR) Item Spec: (As directed by Engineer in charge.)</p>	46.080	7336.00/Sq.Mt.	338,042.90
TOTAL AMOUNT FOR SUB WORK NO. 2			4,637,438.00
Rupees Forty Six Lakh Thirty Seven Thousand Four Hundred And Thirty Eight Only			

Junior Engineer
ENGINEER

Junior Engineer
ENGINEER



Measurement Sheet

ime of Work

PROPOSED CONSTRUCTION FOR MANGRUL KAMBE SHEDULED CAST PRODUCER COMPANY LIMITED.

Item No. & Description	Measurement				SSR YEAR	2022-2023
	No.	L.	B.	D.	Quantity	
1. NAME OF SUB WORK -- CIVIL WORK COST FOR GODAWOON UNIT						
ITEM NO. : 1 Excavation for foundation by mechanical means in earth, soils of all types, sand, gravel, soft murum including shoring and strutting as necessary and disposing off excavated stuff as directed etc. co..... (INo12-02A, PgNo 84) (STATE DSR)						
	49	1.2	1.2	1.6		112.896
	Total Quantity					112.896 Cu.Mt.
ITEM NO. : 2 Filling in plinth and floors with approved excavated material in 15cm. to 20cm. layers including watering and compacting etc. complete..... (INo21-36, PgNo 157) (STATE DSR)						
finished good storage	1	16	12	0.90		172.800
raw material storage	1	16	12	0.90		172.800
	Total Quantity					345.600 Cu.Mt.
ITEM NO. : 3 Providing and laying Cast in situ/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/..... (INo24-01, PgNo 175) (STATE DSR)						
	49	1.2	1.2	0.18		12.701
finished good storage	1	16	12	0.10		19.200
raw material storage	1	16	12	0.10		19.200
	Total Quantity					51.101 Cu.Mt.
ITEM NO. : 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. col..... (INo25-11, PgNo 178) (STATE DSR)						
	49	1.20	1.20	0.40		28.224
	Total Quantity					28.224 Cu.Mt.
ITEM NO. : 5 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. col..... (INo25-11 NS, PgNo 178) (STATE DSR)						
	49	0.23	0.38	2.4		10.278
	Total Quantity					10.278 Cu.Mt.
ITEM NO. : 6 Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. beams and lintels as per detailed designs and drawings or as directed including s..... (INo25-50 NS, PgNo 181) (STATE DSR)						
finished good storage	1	56	0.23	0.50		6.440
raw material storage	1	56	0.23	0.50		6.440

Item No. & Description	Measurement			Quantity
	No.	L.	B. D.	
	Total Quantity			12.890 Cu.Mt.

ITEM NO. : 7 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 (INo26-33, PgNo 188) (STATE DSR)

1*0.80/100*28.22*7.85	1.772
1*1.20/100*10.27*7.85	0.967
1*1.20/100*12.88*7.85	1.213
Total Quantity	3.952 M.T.

ITEM NO. : 8 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 manua..... (INo27-01, PgNo 197) (STATE DSR)

finished good storage	1*52*0.23*1.1	13.156
raw material storage	1*52*0.23*1.1	13.156
Total Quantity		26.312 Cu.Mt.

ITEM NO. : 9 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. Comple..... (INo27-05, PgNo 197) (STATE DSR)

finished good storage	1*51*0.23*2.3	26.979
raw material storage	1*51*0.23*2.3	26.979
Total Quantity		53.958 Cu.Mt.

ITEM NO. : 10 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 kg per..... (INo32-11, PgNo 209) (STATE DSR)

finished good storage	1*51*2.3	117.300
raw material storage	1*51*2.3	117.300
Total Quantity		234.600 Sq.Mt.

ITEM NO. : 11 Providing internal cement plaster 6 mm thick in a single coat in cement mortar 1:4 without neeru finish to concrete surface in all positions including scaffolding and curing etc. complete..... (INo32-01, PgNo 209) (STATE DSR)

finished good storage	1*51*2.3	117.300
raw material storage	1*51*2.3	117.300
Total Quantity		234.600 Sq.Mt.

ITEM NO. : 12 Providing & applying washable oil-bound distemper of approved colour and shade to old & new surfaces in two coats including scaffolding, preparing the surfaces. (excluding the primer coat.) etc. compl..... (INo36-11, PgNo 227) (STATE DSR)

Item No. & Description	Measurement			Quantity
	No.	L.	B. D.	
finished good storage	117.300			117.300
raw material storage	118.200			118.200
	Total Quantity			235.500 Sq.Mt.

ITEM NO. : 13 Providing and applying colour-wash of approved colour and shade in one coat to new surface including scaffolding, brushing and brooming down (excluding base coats of white wash) etc. complete..... (INo36-04, PgNo 227) (STATE DSR)

finished good storage	117.300			117.300
raw material storage	118.200			118.200
	Total Quantity			235.500 Sq.Mt.

ITEM NO. : 14 Providing and fabricating structural steel work in rolled sections like joists, channels, angles, tees etc. as per detailed design and drawings or as directed including cutting, fabricating, hoisting,..... (INo23-01, PgNo 173) (STATE DSR)

finished good storage	8*13*9/1000			0.936
raw material storage	8*13*9/1000			0.936
	Total Quantity			1.872 M.T.

ITEM NO. : 15 Providing and fabricating structural steel work in rolled sections, fixed with connecting plates or angle cleats in main and cross beams, hip and jack rafters, purlins connecting to truss members and (INo23-02, PgNo 173) (STATE DSR)

finished good storage	8*12*4.8/1000			0.461
	6*12*4.8/1000			0.346
	23*1.30*4.8/1000			0.144
raw material storage	8*12*4.8/1000			0.461
	6*12*4.8/1000			0.346
	23*1.30*4.8/1000			0.144
	Total Quantity			1.902 M.T.

ITEM NO. : 16 Providing structural steel work in trusses, other similar trussed purlins and members with all bracing, gusset plates etc. as per detailed designs and drawings or as directed including cutting, fabric..... (INo23-04, PgNo 173) (STATE DSR)

finished good storage	6*18*4.8/1000			0.518
raw material storage	6*18*4.8/1000			0.518
	Total Quantity			1.036 M.T.

ITEM NO. : 17 Providing and fixing plain zinc sheeting of 0.80 mm thick (22 B.W.G.) over the ridge hip or valley to galvanized iron sheet roofing including all fastening and bolt galvanized iron screws and bolts, l..... (INo38-05, PgNo 233) (STATE DSR)

finished good storage	2*16*6.80			217.600
-----------------------	-----------	--	--	---------

Item No. & Description	Measurement			Quantity
	No.	L.	B. D.	
	1	12	5.80	69.600
raw material storage	2	16	6.80	217.600
	1	12	5.80	69.600
	Total Quantity			574.400 Sq.Mt.

ITEM NO. : 18 Providing and fixing self supporting steel roofing system (Proflex) for a Godown or alike made up of structural grade steel sheet of 912 millimeter width (tolerance + / - 2 millimeter), moulded at s..... (INo38-42, PgNo 239) (STATE DSR)

finished good storage	6			6.000
raw material storage	6			6.000
	Total Quantity			12.000 Sq.Mt.

ITEM NO. : 19 Providing and fixing rolling shutter fabricated from steel laths of minimum thickness 0.9 mm with lock plate of 3.15 mm thickness reinforced with 35 x 35 x 5 mm angle section fitted with sliding bolts..... (INo39-25, PgNo 249) (STATE DSR)

finished good storage	1	4	5.83	23.320
raw material storage	1	4	5.85	23.400
	Total Quantity			46.720 Sq.Mt.

ITEM NO. : 20 Providing and fixing single or double leaf panelled door shutter excluding frame with glazed openable fanlight shutter 35 mm thick as per detailed drawing consisting panelled vertical styles 100 mm x (INo39-07, PgNo 246) (STATE DSR)

finished good storage	12	1.60	0.60	11.520
raw material storage	12	1.60	0.60	11.520
	Total Quantity			23.040 Sq.Mt.

2 . NAME OF SUB WORK -- CIVIL WORK COST FOR PROGRESSING SHED CONSTRUCTION

ITEM NO. : 1 Excavation for foundation by mechanical means in earth, soils of all types, sand, gravel, soft murum including shoring and strutting as necessary and disposing off excavated stuff as directed etc. co..... (INo12-02A, PgNo 84) (STATE DSR)

	46	1.2	1.2	2.8	185.472
	Total Quantity				185.472 Cu.Mt.

ITEM NO. : 2 Filling in plinth and floors with approved excavated material in 15cm. to 20cm. layers including watering and compacting etc. complete..... (INo21-36, PgNo 157) (STATE DSR)

for dal mill	1	12	10	1.5	180.000
for flour mill	1	12	11	1.5	198.000

Item No. & Description	Measurement				Quantity
	No.	L.	B.	D.	
	Total Quantity				378.000 Cu.Mt.
ITEM NO. : 3 Providing and laying Cast in situ/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/..... (INo24-01, PgNo 175) (STATE DSR)					
	46	1.2	1.2	0.25	16.560
for dal mill	1	12	10	0.20	24.000
for flour mill	1	12	11	0.20	26.400
	Total Quantity				66.960 Cu.Mt.
ITEM NO. : 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. col..... (INo25-11, PgNo 178) (STATE DSR)					
	46	1.2	1.2	0.85	56.304
	Total Quantity				56.304 Cu.Mt.
ITEM NO. : 5 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. col..... (INo25-11 NS, PgNo 178) (STATE DSR)					
	46	0.23	0.38	3.2	12.865
	Total Quantity				12.865 Cu.Mt.
ITEM NO. : 6 Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. beams and lintels as per detailed designs and drawings or as directed including s..... (INo25-50 NS, PgNo 181) (STATE DSR)					
for dal mill	1	44	0.23	0.65	6.578
for flour mill	1	45	0.23	0.65	6.728
	Total Quantity				13.306 Cu.Mt.
ITEM NO. : 7 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 (INo26-33, PgNo 188) (STATE DSR)					
	1	0.80/100	56.30	8.2	3.693
	1	1.20/100	12.86	8.2	1.265
	1	1.20/100	13.29	8.2	1.308
	Total Quantity				6.266 M.T.
ITEM NO. : 8 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 manua..... (INo27-01, PgNo 197) (STATE DSR)					
for dal mill	1	43	0.23	1.4	13.846

Item No. & Description	Measurement			Quantity
	No.	L.	B. D.	
for flour mill	1	45	0.23*1.4	14.490
	Total Quantity			28.336 Cu.Mt.

ITEM NO. : 9 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. Comple..... (INo27-05, PgNo 197) (STATE DSR)

for dal mill	1	42	0.23*3.2	30.912
for flour mill	1	44	0.23*3.2	32.384
	Total Quantity			63.296 Cu.Mt.

ITEM NO. : 10 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 kg per..... (INo32-11, PgNo 209) (STATE DSR)

for dal mill	1	41	3.1	127.100
flour mill	1	43	3.1	133.300
	Total Quantity			260.400 Sq.Mt.

ITEM NO. : 11 Providing internal cement plaster 6 mm thick in a single coat in cement mortar 1:4 without neeru finish to concrete surface in all positions including scaffolding and curing etc. complete..... (INo32-01, PgNo 209) (STATE DSR)

for dal mill	1	41	3.1	127.100
for flour mill	1	43	3.1	133.300
	Total Quantity			260.400 Sq.Mt.

ITEM NO. : 12 Providing & applying washable oil-bound distemper of approved colour and shade to old & new surfaces in two coats including scaffolding, preparing the surfaces. (excluding the primer coat.) etc. compl..... (INo36-11, PgNo 227) (STATE DSR)

	260.300	260.300
	Total Quantity	260.300 Sq.Mt.

ITEM NO. : 13 Providing and applying colour-wash of approved colour and shade in one coat to new surface including scaffolding, brushing and brooming down (excluding base coats of white wash) etc. complete..... (INo36-04, PgNo 227) (STATE DSR)

	260.300	260.300
	Total Quantity	260.300 Sq.Mt.

ITEM NO. : 14 Providing and fabricating structural steel work in rolled sections like joists, channels, angles, tees etc. as per detailed design and drawings or as directed including cutting, fabricating, hoisting,..... (INo23-01, PgNo 173) (STATE DSR)

for dal mill	8.2	11	9/1000	0.812
for flour mill	9.2	12	9/1000	0.994

Item No. & Description	Measurement			Quantity
	No.	L.	B. D.	

Total Quantity

1.806 M.T.

ITEM NO. : 15 Providing and fabricating structural steel work in rolled sections, fixed with connecting plates or angle cleats in main and cross beams, hip and jack rafters, purlins connecting to truss members and (INo23-02, PgNo 173) (STATE DSR)

	7*11*4.8/1000	0.370
	7*11*4.8/1000	0.370
	26*1.60*4.8/1000	0.200
for flour mill	8.8*12*4.8/1000	0.507
	8*12*4.8/1000	0.461
	28*1.60*4.8/1000	0.215
	Total Quantity	2.123 M.T.

ITEM NO. : 16 Providing structural steel work in trusses, other similar trussed purlins and members with all bracing, gusset plates etc. as per detailed designs and drawings or as directed including cutting, fabric..... (INo23-04, PgNo 173) (STATE DSR)

for dal mill	7.5*14*4.8/1000	0.504
for flour mill	8.5*14*4.8/1000	0.571
	Total Quantity	1.075 M.T.

ITEM NO. : 17 Providing and fixing plain zinc sheeting of 0.80 mm thick (22 B.W.G.) over the ridge hip or valley to galvanized iron sheet roofing including all fastening and bolt galvanised iron screws and bolts, l..... (INo38-05, PgNo 233) (STATE DSR)

for dal mill	2*14*6.80	190.400
cladding	1*11*6.80	74.800
for flour mill	2*14*6.80	190.400
cladding	1*12*6.80	81.600
	Total Quantity	537.200 Sq.Mt.

ITEM NO. : 18 Providing and fixing self supporting steel roofing system (Proflex) for a Godown or alike made up of structural grade steel sheet of 912 millimeter width (tolerance + / - 2 millimeter), moulded at s..... (INo38-42, PgNo 239) (STATE DSR)

for dal mill	10	10.000
for flour mill	10	10.000
	Total Quantity	20.000 Sq.Mt.

ITEM NO. : 19 Providing and fixing rolling shutter fabricated from steel laths of minimum thickness 0.9 mm with lock plate of 3.15 mm thickness reinforced with 35 x 35 x 5 mm angle section fitted with sliding bolts..... (INo39-25, PgNo 249) (STATE DSR)

for dal mill	1*5*6.17	30.850
--------------	----------	--------

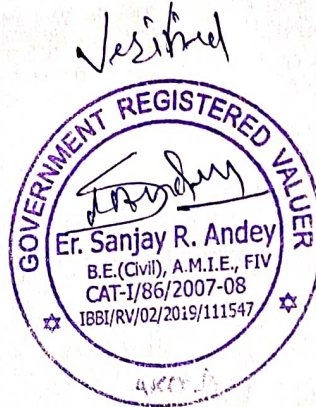
stimate20-21-E01

Item No. & Description	Measurement				Quantity
	No.	L.	B.	D.	
for flour mill	1	5	6.17		30.850
	Total Quantity				61.700 Sq.Mt.

ITEM NO. : 20 Providing and fixing single or double leaf panelled door shutter excluding frame with glazed openable fanlight shutter 35 mm thick as per detailed drawing consisting panelled vertical styles 100 mm x (INo39-07, PgNo 246) (STATE DSR)

for dal mill	23	1.60	0.60		22.080
for flour mill	25	1.60	0.60		24.000
	Total Quantity				46.080 Sq.Mt.

Junior Engineer
ENGINEER



Rate Analysis Report

Name of Work:

PROPOSED CONSTRUCTION FOR MANGRUL KAMBE SHEDULED CAST PRODUCER COMPANY LIMITED.

SSR YEAR

2022-2023

R.A. NO. : 1 - Providing and laying Cast in situ/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 enabled reversible Drum Type mixer/concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade finely washed etc)

INo24-01, PgNo 175 (STATE DSR)	Basic Rate.....			5830.00 / Cu.Mt.
Add For Lead Charges	Qty. / Unit	Distance	Lead Charge	
CEMENT	0.22 / M.T.	10 Km.	Rs.235.34	Rs.51.77
VSI / Natural Sand	0.47 / Cu.Mt.	8 Km.	Rs.313.21	Rs.147.21
Crush Metal -40mm	0.7 / Cu.Mt.	16 Km.	Rs.408.43	Rs.285.90
Crush Metal -20mm	0.24 / Cu.Mt.	16 Km.	Rs.426.19	Rs.102.29

Sub Total				Rs. 6417.17

Total Amount				Rs. 6417.17

Rate				Rs. 6417.20 / Cu.Mt.

R.A. NO. : 2 - 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. columns and 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 finely washed etc)

INo25-11, PgNo 178 (STATE DSR)	Basic Rate.....			7104.00 / Cu.Mt.
Add For Lead Charges	Qty. / Unit	Distance	Lead Charge	
CEMENT	0.35 / M.T.	10 Km.	Rs.235.34	Rs.82.37
VSI / Natural Sand	0.425 / Cu.Mt.	8 Km.	Rs.313.21	Rs.133.11
Crush Metal -20mm	0.57 / Cu.Mt.	16 Km.	Rs.426.19	Rs.242.93
Crush Metal -12mm	0.28 / Cu.Mt.	16 Km.	Rs.426.19	Rs.119.33

Sub Total				Rs. 7681.74

Total Amount				Rs. 7681.74

Rate				Rs. 7681.75 / Cu.Mt.

R.A. NO. : 3 - 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. columns and 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 WITHOUT SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade finely washed)

INo25-11 NS, PgNo 178 (STATE DSR)	Basic Rate.....			6978.00 / Cu.Mt.
Add For Lead Charges	Qty. / Unit	Distance	Lead Charge	
CEMENT	0.35 / M.T.	10 Km.	Rs.235.34	Rs.82.37
Crush Sand	0.425 / Cu.Mt.	16 Km.	Rs.426.19	Rs.181.13
Crush Metal -20mm	0.57 / Cu.Mt.	16 Km.	Rs.426.19	Rs.242.93

Crush Metal -12mm	0.28 / Cu.Mt.	16 Km.	Rs.426.19	Rs.119.33
Sub Total				Rs. 7603.76
Total Amount				Rs. 7603.76
Rate				Rs. 7603.75 / Cu.Mt.

R.A. NO. : 4 - Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. beams and lintels as per detailed designs and drawings or as directed including steel centering, formwork, cover blocks, laying/pumping, compaction and roughening the surface if special finish is to be provided and curing etc. complete. (Excluding reinforcement and structural steel). with fully automatic micro processor based PLC WITHOUT SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade finely washed)

INo25-50 NS, PgNo 181 (STATE DSR)	Basic Rate.....			12143.00 / Cu.Mt.
Add For Lead Charges	Qty. / Unit	Distance	Lead Charge	
CEMENT	0.35 / M.T.	10 Km.	Rs.235.34	Rs.82.37
Crush Sand	0.425 / Cu.Mt.	16 Km.	Rs.426.19	Rs.181.13
Crush Metal -20mm	0.57 / Cu.Mt.	16 Km.	Rs.426.19	Rs.242.93
Crush Metal -12mm	0.28 / Cu.Mt.	16 Km.	Rs.426.19	Rs.119.33
Sub Total				Rs. 12768.76
Total Amount				Rs. 12768.76
Rate				Rs. 12768.75 / Cu.Mt.

R.A. NO. : 5 - 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.

INo26-33, PgNo 188 (STATE DSR)	Basic Rate.....			89703.00 / M.T.
Add For Lead Charges	Qty. / Unit	Distance	Lead Charge	
TMT BAR	1 / M.T.	12 Km.	Rs.255.21	Rs.255.21
Sub Total				Rs. 89958.21
Total Amount				Rs. 89958.21
Rate				Rs. 89958.20 / M.T.

R.A. NO. : 6 - 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.

INo27-01, PgNo 197 (STATE DSR)	Basic Rate.....			7755.00 / Cu.Mt.
Add For Lead Charges	Qty. / Unit	Distance	Lead Charge	
CEMENT	0.079 / M.T.	10 Km.	Rs.235.34	Rs.18.59
VSI / Natural Sand	0.32 / Cu.Mt.	8 Km.	Rs.313.21	Rs.100.23
BRICK	0.475 / 1000 Nos.	10 Km.	Rs.757.93	Rs.360.02
Sub Total				Rs. 8233.84

Total Amount Rs. 8233.84

Rate Rs. 8233.85 / Cu.Mt.

R.A. NO. : 7 - 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

INo27-05, PgNo 197 (STATE DSR) Basic Rate..... 7994.00 / Cu.Mt.

Add For Lead Charges	Qty. / Unit	Distance	Lead Charge	
CEMENT	0.079 / M.T.	10 Km.	Rs.235.34	Rs.18.59
VSI / Natural Sand	0.32 / Cu.Mt.	8 Km.	Rs.313.21	Rs.100.23
BRICK	0.475 / 1000 Nos.	10 Km.	Rs.757.93	Rs.360.02

Sub Total Rs. 8472.84

Total Amount Rs. 8472.84

Rate Rs. 8472.85 / Cu.Mt.

R.A. NO. : 8 - 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 kg 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.

INo32-11, PgNo 209 (STATE DSR) Basic Rate..... 639.00 / Sq.Mt.

Add For Lead Charges	Qty. / Unit	Distance	Lead Charge	
CEMENT	0.0125 / M.T.	10 Km.	Rs.235.34	Rs.2.94
VSI / Natural Sand	0.033 / Cu.Mt.	8 Km.	Rs.313.21	Rs.10.34

Sub Total Rs. 652.28

Total Amount Rs. 652.28

Rate Rs. 652.30 / Sq.Mt.

R.A. NO. : 9 - Providing internal cement plaster 6 mm thick in a single coat in cement mortar 1:4 without neeru finish to concrete surface in all positions including scaffolding and curing etc. complete.

INo32-01, PgNo 209 (STATE DSR) Basic Rate..... 203.00 / Sq.Mt.

Add For Lead Charges	Qty. / Unit	Distance	Lead Charge	
CEMENT	0.0027 / M.T.	10 Km.	Rs.235.34	Rs.0.64
VSI / Natural Sand	0.0076 / Cu.Mt.	8 Km.	Rs.313.21	Rs.2.38

Sub Total Rs. 206.02

Total Amount Rs. 206.02

Rate Rs. 206.00 / Sq.Mt.

R.A. NO. : 10 - Providing and fabricating structural steel work in rolled sections like joists, channels, angles, tees etc. as per detailed design and drawings or as directed including cutting, fabricating, hoisting, erecting, fixing in position making riveted / bolted /welded connections without connecting plates, braces etc. and including one coat of anticorrosive paint and over it two coats of oil painting of approved quality and shade etc. complete.

INo23-01, PgNo 173 (STATE DSR)	Basic Rate.....			101844.00 / M.T.
Add For Lead Charges	Qty. / Unit	Distance	Lead Charge	
STR STEEL	1 / M.T.	16 Km.	Rs.295.95	Rs.295.95
Sub Total				Rs. 102139.95
Total Amount				Rs. 102139.95
Rate				Rs. 102139.95 / M.T.

R.A. NO. : 11 - Providing and fabricating structural steel work in rolled sections, fixed with connecting plates or angle cleats in main and cross beams, hip and jack rafters, purlins connecting to truss members and the like, as per detailed designs and drawing or as directed including cutting, fabricating, hoisting, erecting, fixing in position, making riveted/ bolted/ welded connections and one coat of anticorrosive paint and over it two coats of oil painting of approved quality and shade etc. complete.

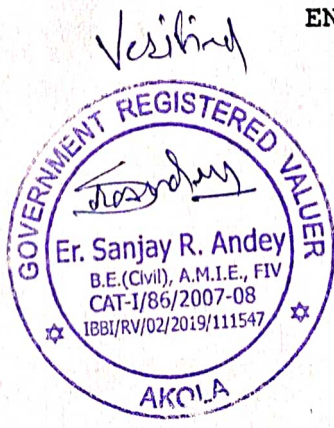
INo23-02, PgNo 173 (STATE DSR)	Basic Rate.....			97759.00 / M.T.
Add For Lead Charges	Qty. / Unit	Distance	Lead Charge	
STR STEEL	1 / M.T.	16 Km.	Rs.295.95	Rs.295.95
Sub Total				Rs. 98054.95
Total Amount				Rs. 98054.95
Rate				Rs. 98054.95 / M.T.

R.A. NO. : 12 - Providing structural steel work in trusses, other similar trussed purlins and members with all bracing, gusset plates etc. as per detailed designs and drawings or as directed including cutting, fabricating, hoisting, erecting fixing in position, Making riveted/ bolted/ welded connection and one coat of anticorrosive paint and over it 2 coats of oil painting approved quality and shade etc. complete.

INo23-04, PgNo 173 (STATE DSR)	Basic Rate.....			119459.00 / M.T.
Add For Lead Charges	Qty. / Unit	Distance	Lead Charge	
STR STEEL	1 / M.T.	16 Km.	Rs.295.95	Rs.295.95
Sub Total				Rs. 119754.95
Total Amount				Rs. 119754.95
Rate				Rs. 119754.95 / M.T.

Junior Engineer
ENGINEER

Junior Engineer
ENGINEER



Lead Statement

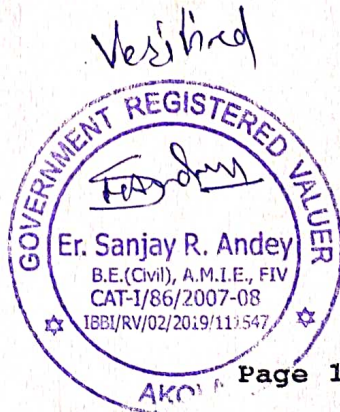
PROPOSED CONSTRUCTION FOR MANGRUL KAMBE SHEDULED CAST PRODUCER COMPANY LIMITED.

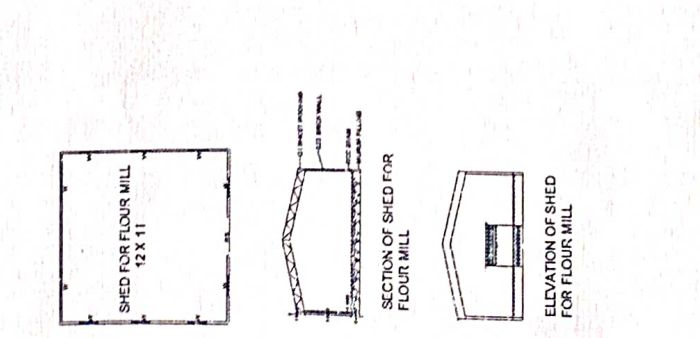
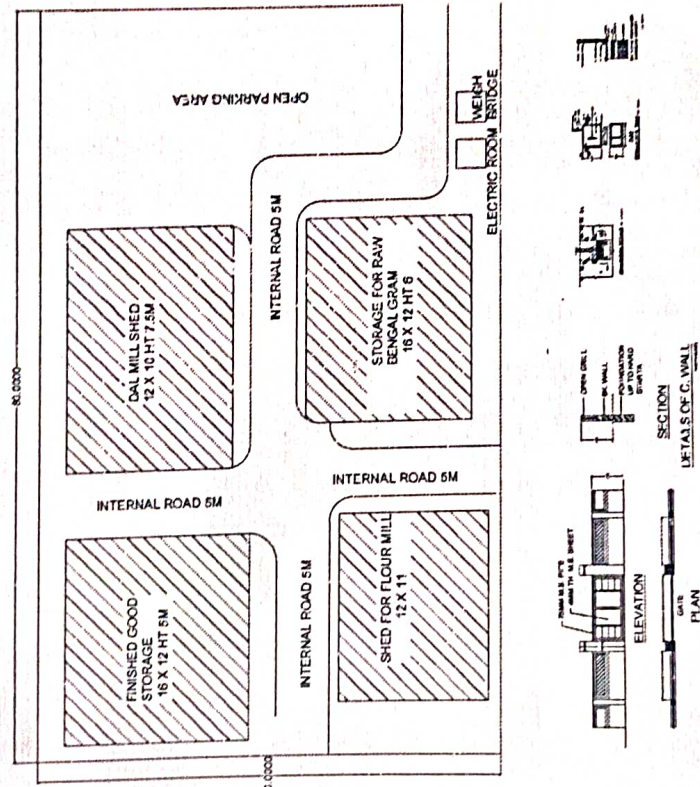
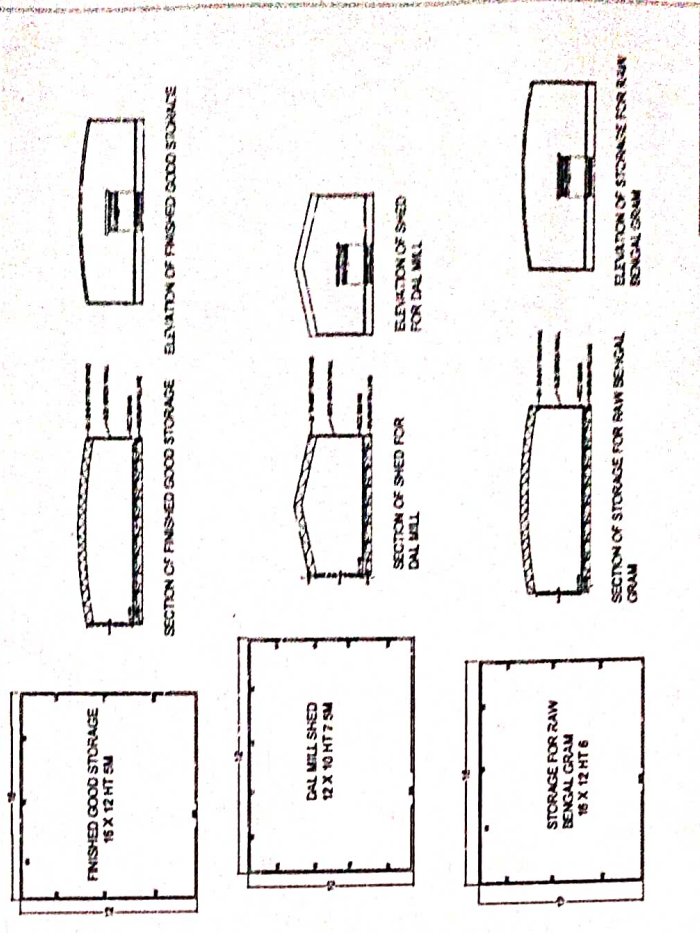
Name of Work	Material	Lead Distance (in Km.)	Total Lead Charges (In Rs.)	Initial Lead (5 Km) (In Rs.)	Net Lead (In Rs.)
STATE REGION DSR					
1	CEMENT	10 Km.	235.34		70.35
2	VSI / Natural Sand	8 Km.	313.21		50.02
3	Crush Metal -10mm	16 Km.	426.19		163.00
4	Crush Metal -12mm	16 Km.	426.19		163.00
5	Crush Metal -20mm	16 Km.	426.19		163.00
6	Crush Metal -40mm	16 Km.	408.43		156.21
7	Crush Sand	16 Km.	426.19		163.00
8	TMT BAR	12 Km.	255.21		90.22
9	STR STEEL	16 Km.	295.95		130.96
10	BRICK	10 Km.	757.93		226.55

Certified that the quarries considered in the lead statement are the nearest and that sufficient quantity of good quality material is available.

Junior Engineer
ENGINEER

Junior Engineer
ENGINEER





DETAILS OF CONTRACTING	
1. Name of Contractor	...
2. Name of Engineer	...
3. Name of Architect	...
4. Name of Surveyor	...
5. Name of Valuer	...
6. Name of Photographer	...
7. Name of Painter	...
8. Name of Carpenter	...
9. Name of Mason	...
10. Name of Fitter	...
11. Name of Electrician	...
12. Name of Plumber	...
13. Name of Painter	...
14. Name of Carpenter	...
15. Name of Mason	...
16. Name of Fitter	...
17. Name of Electrician	...
18. Name of Plumber	...
19. Name of Painter	...
20. Name of Carpenter	...
21. Name of Mason	...
22. Name of Fitter	...
23. Name of Electrician	...
24. Name of Plumber	...
25. Name of Painter	...
26. Name of Carpenter	...
27. Name of Mason	...
28. Name of Fitter	...
29. Name of Electrician	...
30. Name of Plumber	...



PROPOSED CONSTRUCTION OF MANGRUL KAMBE SCHEDULED
 CASTE PRODUCER COMPANY LIMITED.
 SURVEY NUMBER 258, AT POST MANGRUL KAMBE TO
 MURTIZAPUR DIST AKOLA 444107

OWNERS SIGN :

ENGINEER DETAILS & SIGN :

SANCTIONING AUTHORITY :

AREA STATEMENT ACCORDING :
 AREA UNDER PROCESSING SHED : 282 SQM
 CAPACITY UNDER GODAWOON SIED : 320MT