

Construction of 2000 MT Godown For Krushi Deep Agri. Producer Company Ltd.on Gat No. 168 & 170 At Borgaon Tq.Malegaon Dist.Washim

0

"ABSTRACT" A

Quantity	Item of work	Rate	Unit.	Amount
78.77	Cum Item No. 1:-Excavation for foundation in earth, soils of all types, sand, gravel, soft murum including shoring and strutting, dewatering as necessary and disposing off excavated stuff as directed etc. complete. [Spe.No. : Bd.A.2 Page No. 259] (S.S.R.2022-23 I.No.21.02 P.No. 148)	207.00	Cum	16304.73
68.04	Cum Item No. 2:-Excavation for foundation in hard murum including removing the excavated material upto distance of 50 metres beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.50 m) By Mechanical Means [Spe.No. : Bd.A.2 Page No. 259] (S.S.R.2022-23 I.No.21.06 P.No. 148)	212.00	Cum	14424.00
235.24	Cum Item No.3 :-Providing soling using 80 mm size trap metal in 15 cm. layer including filling voids with Crushed sand/grit, ramming, watering etc. complete. . As directed by Engineer in charge. SSR 2022-23 I No 21.40 P No.205	1454.00	Cum	342036.00
252.669	Cum Item No. 4 : 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 (Natural Sand / Crushed sand VSI Grade finely washed etc) [Spec.No. :Bd. E. 1 Page No. 287] (SSR 2022-23 I.No. 24.01 Page No.169)	5830.00	Cum	1473060.00
30.240	Cum 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 with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Natural Sand / Crushed sand VSI Grade finely washed etc) [Spe.No. : Bd.F.3 Page No. 298 and B.7, Page No.38] (S.S.R 2022-23. I.No.25.11 P.No. 172)	7104.00	Cum	214825.00

"ABSTRACT" A

Quantity	Item of work	Rate	Unit.	Amount
11.624	Cum 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. columns as per detailed designs and drawing or as directed including steel centering, formwork, cover blocks, laying/pumping, compaction finishing the formed surfaces with cement mortar 1:3 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 micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Natural Sand / Crushed sand VSI Grade finely washed etc) [Spe.No. : Bd.F.5 Page No. 300 and B.7, Page.No. 38] (S.S.R. 2022-23 I.No.25.31 P.No. 172)	13783.00	Cum	160207.00
88.401	Cum Item No. 7 :-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 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 with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With natural sand/V.S.I. quality Artificial Sand [Spe.No. : Bd.F.6 Page No.300 And B.7 Page No.38/] (S.S.R. 2022-23 I.No.25.50 P.No. 175)	12269.00	Cum	1084596.00
36.153	Cum Item No. 8 :- Providing fly ash brick masonry with conventional / I.S. type fly ash bricks in C.M. 1:6 in foundation and plinth including bailing out water manually striking joints, racking out joints watering and scaffolding etc. complete. As director by engineer in charge and BDG 2 and 5 SSR 2022-23 I.No. 27.12 P.No. 198	6884.00	Cum	248880.00
78.478	Cum Item No. 9 : Providing fly ash 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 As director by engineer incharge and BDG- 2 and 5 SSR 2022-23 I.No. 27.13 P.No. 198	7106.00	Cum	557664.00
68.040	cum Item No. 10 :-Filling in plinth and floors with approved excavated material in 15cm. to 20cm. layers including watering and compacting etc. complete.[Spe.No. : Bd.A.10 Page No.262] (S.S.R.2022-23 I.No.21.36 P.No. 152)	120.00	cum	8165.00

"ABSTRACT" A

Quantity	Item of work	Rate	Unit.	Amount
702.372 cum	Item No. 11 : Filling in plinth and floors with contractors material/brought from outside and approved by Engineer incharge in layers of 15 cm to 20 cm including watering and compaction etc. complete. Bd.A.11 Page No. 263 SSR 2022-23 I.No. 21.37 P.No.152	599.00	cum	420721.00
382.801 Sqm	Item No. 12 :Providing internal cement plaster 20mm thick in Single coats in cement mortar 1:5 without neeru finish, to concrete, brick surface, in all positions including scaffolding and curing etc. completeBd.L.4 Page Number 368 SSr I.No.32.06	375.00	Sqm	143550.00
547.438 Sqm	Item No. 13 : 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 1Kilogramper 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 surfaceby taking out grains and curing for fourteen days scaffolding etc.complete.Bd. L.2 Page Number 368 SSR 2022-23 I.No.32.11 P.No.153	639.00	Sqm	349813.00
547.438 Sqm	Item No. 14 : Providing and applying Two coats of wall care Putty on plastered surface and Ceiling and Walls to prepare surface even and smooth of approved make, etc complete. As directed by Engineer in charge SSR I.No.32.34	90.00	Sqm	49269.00
1111.249 Sqm	Item No. 15 : Providing and laying in situ cement concrete M20 with tremix treatment for 100 mm thickness for flooring with groove cutting of 4mm wide and 20mm deep with necessary refilling with bitumen etc. complete As directed by Engineer in charge SSR I.No.33.30	796.00	Sqm	884554.00
382.80 Sqm	Item No. 16 : Providing and applying three coats of water proof cement paint of approved manufacture and of approved colour to new plastered surfaces including scaffolding if necessary, cleaning and preparing the surface, watering for two days etc. complete. As directed by Engineer- in-charge. Spec.No.: Bd.O.8/Page No.406 SSR 2022-23 I.No. 35.15 P.No. 216	104.00	Sqm	39811.00
547.44 Sqm	Item No. 17 : 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. Spec.No.: Bd.P.6 Page Number 414 SSR 2022-23 I.No. 36.12 P.No. 167	80.00	Sqm	43795.00

"ABSTRACT" A

Quantity	Item of work	Rate	Unit.	Amount
547.44	Sqm Item No. 18 : Providing and applying priming coat on concrete/ masonry/ Asbestos Cement plastered surfaces including scaffolding if necessary, preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter and sand papering as required etc. complete. As directed by Engineer- in-charge. Spec.No.: As directed by Engineer in chargeSSR 2022-23 I.No. 35.21 P.No. 165	36.00	Sqm	19708.00
164.00	No. Item No. 19 : Providing and fixing self supporting steel roofing system 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 25.00 meter having arch rise as 5.00 meter, arch length 29.00 meter The base material made up of imported galvalume steel complying to ASTM A792 having base metal thickness of 1.20 millimeter (tolerace + / - 0.02 millimeter) with alloy coating AZ 150 and paint coating of regular modified polyster , 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.SSR 2022-23 I.No.38.41	2264.00	No.	371296.00
48.00	Sqm Item No. 20 : 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. 62481979) (With mechanical gear Spec.No.: BD-T-55 Page Number 510SSR 2022-23 I.No. 39.25 P.No. 180	5308.00	Sqm	254784.00

"ABSTRACT" A

Quantity	Item of work	Rate	Unit.	Amount
37.46 MT	Item No. 21 :-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.[Bd.C.2 Page No. 275] (S.S.R. 2022-23 I.No.23.01 P.No167)	101844.00	MT	3815487.92
1835.58 Sqm	Item No. 22 : Providing and fixing colour coated Zinalume (R) AZ150 (min 150 gms/sq.mt. total on each side) profiled sheets for roofing. The feed material is manufactured out of nominal 0.45 mm Base Metal Thickness (BMT) (0.5 mm TCT), Hi-strength steel with min.550 MPa yield strength, metallic hot dip coated with Aluminium-Zinc alloy (55% aluminium 43.4% zinc 1.6% silicon) with COLORBOND (R) steel quality super durable polyester paint coat (with inorganic pigment). The paint shall have a total coating thickness of nominal 35 um, comprising of nominal 25 um exterior coat on top surface and nominal 10 um reverse coat on back surface. Profile sheet shall have nom. 950-1050 mm effective cover width and nominal 25-30 mm deep ribs with subtle square fluting in the five pan at nominal 180-250 mm center to-center. The end rib shall be designed for anti-capillary groove. and return leg. The feed material should have coil manufacturers product details marked a regular interval. Including fasteners with min. fastened with min. 25 um Zinc-Tin alloy coated, Hex head, self-drilling screw etc. complete. (weight of profile 4.52 Kilogram/Square Metre As directed by Engineer in charge.SSR 2022-23 I.NO.38.34 P.NO.	1173.00	Sqm	2153135.34

"ABSTRACT" A

Quantity	Item of work	Rate	Unit.	Amount
67.16	Rmt Item No. 23 : Providing and fixing of colour coated Zincaluminium(R) AZ150 (min 150 gms/sq.mt. total on each side) profiled sheets for roofing. The feed material is manufactured out of nominal 0.45 mm Base Metal Thickness (BMT) (0.5 mm TCT), Hi-strength steel with min.550 MPa yield strength, metallic hot dip coated withAluminium-Zinc alloy (55% aluminiumm 43.4% zinc 1.6% silicon) with COLORBOND (R) steel quality super durable polyster paint coat (with inorganic pigment). The paint shall have a total coating thickness of nominal 35 mm, comprising of nominal 25mm exterior coat on top surface and nominal 10 um reverse coat on back surface. Profile sheet shall have nom. 950-1050 mm effective cover width and nominal 25-30 mm deep ribs with sublet square fluting in the five pan at nominal 180-250 mmcenter- to-center. The end rib shall be designed for anti-capacity groove. and return leg. The feed material should have coil manufacturers product details marked a regular interval. including fasteners with min. fastened with min. 25 um Zinc-Tin alloy coated, Hex head, self-drilling screw etc. complete. (weight of profile 4.52 Kilogram/Square Metre) 600 mm girth (Surface Width). As directed by Engineer in charge SSR 2022-23 I NO 38 35 P NO 174	751.00	Rmt	50437.16
166.00	Rmt Item No. 24 : Providing and fixing P.V.C. Rain water pipes of 160mm outer diameter and having wall thickness of 2.2 to 2.7 mm confirming to I.S. 13592-1992 including proper rainwater receiving recess with P.V.C. plug, bend, necessary fittings, such as, offsets, shoes, including fixing the pipe on wall using approved wooden cleats projecting 25mm to 40mm from face of wall a fixing with clips of approved quality and number ,filing the joint using rubber gasket with solvent cement and properly resting the shoe of pipes on C.C. or masonry blocks, including necessary scaffolding and maintenance for 3 yrs for any leakages or dislocations of pipes. All the P.V.C. fittings and additional 2 piece socket clips shall be got approved from engineer in charge etc. complete.SSR 2022-23 I.NO.42.85 P.NO.	1481.00	Rmt	245846.00
15.235	MT Item No. 25 : 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. Bd.F.17, Page No. 306 SSR 2022-23 I.No. 26.33 P.No. 182	89703.00	MT	1366605.00

"ABSTRACT" A

Quantity	Item of work	Rate	Unit.	Amount
10.080 Sqm	Item No. 26 : 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 o 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. 62481979) (With mechanical gear). BD-T-55 Page Number 510SSR 2022-23 I.No. 39.25 P.No. 181	4730.00	Sqm	47678.00
24.480 Sqm	Item No. 27 : Providing and fixing steel ventilator fully glazed partly fixed as per detailed drawing with hot dip zinc coating including fabricating glazing with plain / obscured glass pans 5 mm thick and approved type quality and iron oxidized fixtures and fastening with guard square bars 12 mm 10 cm c/c and oil painting 2 coats etc. complete BD-T-55 Page Number 510SSR 2022-23 I.No. 39.30 P.No. 182	4827.00	Sqm	118165.00
18.000 No.	Item No. 28 : Providing and fixing lioghtening conductor system comprising of erecting Air Termination consisting of tubular copper rod of 25mm dia. 1.2 mm thick with multiple points head 1.2 mt. long (Heavy Duty) welded or clamped to G.I. pipe pole B grade 50 mm diaof required length with M.S. round bnase plate 25 Cm diam and 10mm thick at bottom embeded in cement concrete 1:3:6 dfoundation of size 45 cm diam x 45 cm Height and providing earthing with copper earth plate of size 60 x 60 x 0.3 cms with cadmium plated nut bolts to fix earthing strip burried in specially prepared earth pits 1.5 metre below ground level with 40Kilogramcharcoal and salt with altemate layers of charcoal and salt and G.I.pipe 40mm dia 2 meter length burried in earthe upto earthling plate remining portion above ground level for watering and refilling comcpete Note- Copper strip from lightning conductor is not considered in this itemBD-T-55 Page Number 510SSR 2022-23 I.No.44.18 P.No.214	25784.00	No.	464112.00

"ABSTRACT" A

Quantity	Item of work	Rate	Unit.	Amount
1.00	No. Item No.29 : Providing and fixing board displaying information, such as 'Name of work, Tender cost, Name of Contractor, Work completion and liability period etc', having rectangular shape of 1.20m x 0.90m size made out 18 gauge (1.25mm) thick mild steel sheet painted with one coat of Zinc chromate stoving primer and two coats of enamel paint on front side and grey stove enamel on back side and border / messages / symbols etc. with approved colour shade paint complete, on M.S.angle of size 35 x 35 x 3 mm frame with properly cross braced M.S. angles of size 35mmx35mmx3mm duly painted including Two M.S. angle iron posts of size 65 mm x 65 mm x 6 mm, 3.65 m long painted with alternate black and white bands of 25 cm width including all fixtures etc.and fixing the boards in 1:4:8 concrete block of size 60 cm x 60 cm x 75 cm including, excavation, refilling, transportation, and labour etc complete. Spec. No. As per Rate Analysis	3825.00	No.	3825.00
Total Rs.				14962000.00

"ABSTRACT" B

169.02	Cum Item No. 1:-Excavation for foundation in earth, soils of all types, sand, gravel, soft murum including shoring and strutting, dewatering as necessary and disposing off excavated stuff as directed etc. complete. [Spe.No. : Bd.A.2 Page No. 259] (S.S.R.2022-23 I.No.21.02 P.No. 148)	207.00	Cum	34987.14
169.02	Cum Item No.2 :-Providing soling using 80 mm size trap metal in 15 cm. layer including filling voids with Crushed sand/grit, ramming, watering etc. complete. . As directed by Engineer in charge. SSR 2022-23 I No 21.40 P No.205	1454.00	Cum	245755.00
112.680	Cum Item No. 3 : Providing and laying in situ cement concrete of 1:4:8 proportion with trap/ granite/ quartzite/ gneiss metal in foundation including necessary form work, compacting and curing etc. complete. (with reversible drum type mixer with SCADA with fine agreeegates of required specifications (VSI sand finely washed etc) CD.3 Page.No. 160 SSR 2022-23 I. No 11.04 P No 61	5695.00	Cum	641713.00

"ABSTRACT" A

Quantity	Item of work	Rate	Unit.	Amount
169.020 Cum	Item No.4 : Providing and laying in situ / ready mix M-20 cement concrete of trap /granite /quartzite /gneiss metal for approach slab / Rigid pavement including compacting, finishing, curing etc. complete. (excluding reinforcement) (with reversible drum type mixer/ concrete batch mix plant (pan mixer) with SCADA with fine aggregates of required specifications (VSI sand finely washed etc), cement 6.40 bags/cumt) CD.15 Page.No. 168 and B.7. Page No. 38. SSR 2022-23 I. NO 11.25 P.No. 82)	7225.00	Cum	1221170.00
Total Rs.				2143625.14