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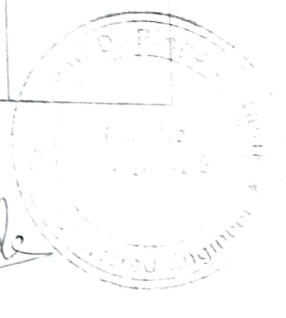
Ref. No.:

Date:

NAME OF WORK :-

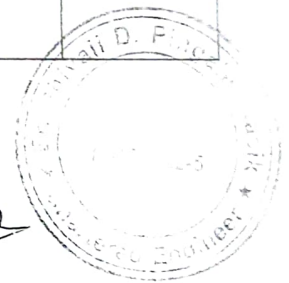
APPROXIMATE ESTIMATE FOR PROPOSED CONSTRUCTION OF SELF SUPPORTED ONION STORAGE SYSTEM IN GAT NO-224, AT JALGAON KHURD, TAL.- NANDGAON, DIST. - NASHIK, FOR M/S-SHRI SHANAISHWAR FARMERS PRODUCER CO. LTD.

Sr. No.	Item of work	Qty.	Rate	Unit	Amount
1	2	1	3	4	5
1	a) Excavation for foundation in hard murum, including removing the excavated material up to a distance of 50 m beyond the building area & stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary backfilling, ramming, watering including shoring and strutting etc. complete. With Lift upto 1.5 m. DSR. 21/22 719/115 As per Rate Analysis	115.00	215.00	Cum	24 725 00
2	Providing and laying in situ, cement concrete in 1:4:8 of trap / granite / quartzite / gneiss metal for foundation and bedding including bailing-out water manually, formwork, compacting, covering newly laid concrete by gunny bag, plastic or tarpaulin, curing etc. complete. (Wooden planks / shuttering will not be allowed) Spec. No. : Bd.E.1 Page No. 287 DSR. 21/22 825/131 As per Rate Analysis	133.00	5,538.00	Cum	7 36 554 00
3	Providing and laying in situ cement concrete of M-20 grade of trap / granite / quartzite / gneiss metal for R.C.C. work in foundations like raft, grillages, strips, foundations and footings of R.C.C. columns and steel stanchions including bailing-out water manually, formwork, compacting, covering newly laid concrete by gunny bag, plastic or tarpaulin, curing and roughening the surface if special finish is to be provided (Excluding reinforcement, & structural steel) The cement mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. (Wooden planks / shuttering will not be allowed) DSR. 21/22 834/133 As per Rate Analysis	13.00	6,666.00	CUM	86 658 00
3	Providing and casting in situ cement concrete of M-20 grade of trap granite / quartzite / gneiss metal for R.C.C. columns as per detailed designs and drawings or as directed including centering, formwork of plywood / steel, compaction, covering newly laid concrete by gunny bag, plastic or tarpaulin, finishing the formed surface 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) The cement mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. DSR. 22/23 839/134 As per Rate Analysis	9.00	12,987.00	CUM	1 16 883 00

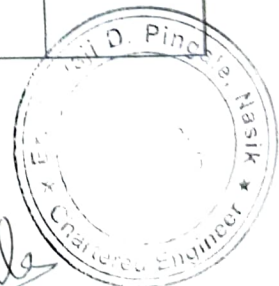
Shivaji Pingle


Sr. No.	Item of work	Qty.	Rate	Unit	Amount
1	2	1	3	4	5
3	Providing and casting in situ cement concrete of M-20 grade 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 of plywood / steel, compaction, covering newly laid concrete by gunny bag, plastic or tarpaulin, finishing the formed surface 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. The cement mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. Wooden planks / shuttering will not be allowed) <i>DSR. 21/22 844/135</i> <i>As per Rate Analysis</i>	37.00	11,483.00	Cum	4,24,871.00
4	Providing and fixing in position T.M.T. steel bar reinforcement of various diameters for R.C.C. pile caps, footings, foundations, slabs, beams columns, canopies, staircase, newels, chajjas, lintels, parrdis, 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. (T.M.T. steel from Other Plant) Spec. No. : Bd.F.17 Page 306 <i>DSR. 21/22 869/139</i> <i>As per Rate Analysis</i>	6.00	71,778.00	MT	4,30,668.00
5	a) Filling in plinth and floors with contractor's material approved by Engineer-in-charge in 15 cm to 20 cm layers including watering and compaction complete. Spec. No. : Bd.A.11 Page No. 263 <i>DSR. 21/22 749/117</i> b) Filling in Plinth with Available material; <i>DSR. 21/22 748/117</i> <i>As per Rate Analysis</i>				
		950.00	550.00	Cum	5,22,500.00
		15.00	113.00	Cum	1,695.00
6	Providing dry trap / granite / quartzite / gneiss rubble stone soling 15 cm to 20 cm thick including hand packing and compacting complete. Spec. No. : Bd A.12 Page No. 264 <i>DSR. 21/22 750/117</i> <i>As per Rate Analysis</i>	305.00	1,454.00	Cum	4,43,470.00

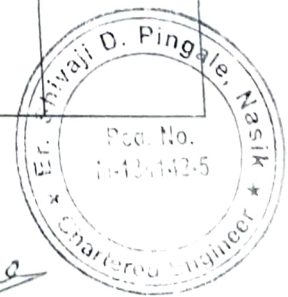
Prasad



Sr. No.	Item of work	Qty.	Rate	Unit	Amount
1	2	1	3	4	5
7	Providing & fixing second class Burnt Brick masonry masonry in foundation & plinth as per I.S 2185-part 3, Grade 2, with approved Chemical mortar including scaffolding complete. As directed by Engineer incharge 230 mm thick DSR. 21/22 887/144 As per Rate Analysis	12.00	7,343.00	Cum	88,116.00
8	Providing sand faced cement plaster 20mm. thick in two coats in cement mortar 1:4 without neeru finish, to concrete, brick surface, in all positions including scaffolding and curing complete. Spec. No. Bd.L.4 Page No. 368 DSR. 21/22 961/153 As per Rate Analysis	52.00	599.00	sqmt	31,148.00
9	Providing and fabricating structural steel work in trusses, purlins, and members with all bracing, gusset plates, including one coat of red lead primer complete. Spec. No. : Bd.T55 Page No. 510 DSR. 21/22 817/129 As per Rate Analysis	15.00	1,05,909.00	MT	15,88,635.00
10	Providing and fixing Colour coated profiled Sheets for Roofing including one coat of red lead primer complete. Spec. No. : Bd.T55 Page No. 510 DSR. 21/22 1174/174 As per Rate Analysis	1,500.00	996.00	Sqmt.	14,94,000.00
11	Providing and laying in position telephone black / Cat bary brown / Ruby red / Ocean Brown granite stone for Door, Windows Frames of approved shade and size 18 mm to 20 mm thick on bed 1:6 cement mortar including cement floats striking joints, pointing in C.M. 1:3 curing and cleaning etc. complete DSR. 21/22 1050/161 As per Rate Analysis	25.00	4,354.00	Sqmt.	1,08,850.00
12	Providing and fixing both side prelaminated solid panel pvc door shutter, in single leaf 35 mm thick as per detailed drawing approved face veneers on both faces with / without glazing and venetians in the positions shown on the drawing or as directed, all necessary beads, mouldings and lipping, chromium plated fixtures and fastenings on both sides and finishing complete. (without door frame). Spec. No. : Bd.T.34 Page No. 499 DSR. 21/22 1287/191 As per Rate Analysis	17.00	3,291.00	Sqmt.	55,947.00
13	Supplying and fixing in position Coloured Anodised extruded section three track sliding windows upto 1:5 m height, outer frame made from section of overall size 92 mm x 45 mm bottom section with drains section with shutters of section made of 19 mm x 40 mm size with 5 mm plain glass with rollers, locks and handles etc complete DSR. 21/22 1235/185 As per Rate Analysis	15.00	4864.00	sqmt	72960.00
14	Providing and fixing mild steel grill for Windows/Ventilators weighing 20 kg / sqm. with one coat of anticorrosive paint and two coats of oil painting with approved colour and shade, remaking the damaged surface, cleaning, etc. complete. Spec. No. : As directed by Engineer in charge. DSR. 21/22 1225/182 As per Rate Analysis	15.00	2139.00	Sqm	32085.00

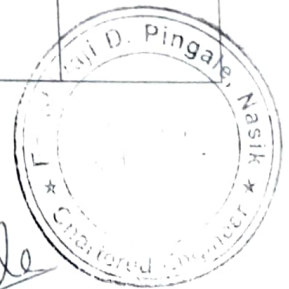


Sr. No.	Item of work	Qty.	Rate	Unit	Amount
1	2	1	3	4	5
15	Providing and fixing Glossy Coloured glazed tiles 600 mm x 600 mm in size and about 8 to 10 mm thick for Flooring in required positions on plaster of 1:4 cement mortar (excluding all specials required like round edge tiles, corner tiles, angles, cups etc.) filling joints with white cement slurry, curing and cleaning complete. DSR. 21/22 1026/159 As per Rate Analysis	40.00	1227.00	Sqm	49080.00
16	Providing and fixing white glazed tiles 300 mm x 450 mm in size and about 5 to 6 mm thick for dado and skirting in required positions on plaster of 1:4 cement mortar (excluding all specials required like round edge tiles, corner tiles, angles, cups etc.) filling joints with white cement slurry, curing and cleaning complete. DSR. 21/22 1011/158 As per Rate Analysis	90.00	1249.00	Sqm	112410.00
17	Providing and applying two coats of Exterior Cement paint of standard manufacture approved colour to the plastered surfaces including scaffolding if necessary, excluding primer coat cleaning and preparing the surface, etc. for specified building complete. (Sample and brand is to be got approved from Executive Engineer before use) (Prior specific permission of S.E shall be obtained before inclusion of this item in the estimate) Spec. No. : As directed by Engineer-in-charge. DSR. 21/22 1079/164 As per Rate Analysis	52.00	83.00	Sqmt.	4,316.00
18	Providing and applying Oil paint to MS Grill of approved colour and shade to old and new surfaces in three coats including scaffolding, preparing the surfaces. (excluding the primer coat) complete. Spec. No. : Bd.P.5 Page No. 413 DSR.21/22 1291/264 As per Rate Analysis	15.00	2,097.00	sqm	31,455.00
19	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 DSR.21/22 1015/158 As per Rate Analysis	377.00	746.00	sqm	2,81,242.00
20	Providing and erecting chain link fencing 2.50 M. height with G.I. chain link of size 50 x 50 mm, 8 gauge thick and fixed 75 mm above ground level on vertical M.S. Angles of 40 x 40 x 6 mm size, including excavating pits for foundation and embedded in C.C. block of 1:4:8 mix of size 450 x 450 x 670 mm. at 1.75 M. c/c with iron bar 16mm dia as hold fast including welding link with angle frame at 30 cm c/c with nuts and bolts and horizontal M.S. Angles at top and bottom of 25 x 25 x 5 mm size and vertical M.S. flat 35 x 5 mm and 25 x 5 mm horizontal including cross support of 40 x 40 x 6 mm angles both side at every corner or bend embedded in Ground Beam of size 300mm x 450 mm including 3 coats of oil painting etc. complete DSR. 21/22 1561/217 As per Rate Analysis	197.00	2,306.00	Rmt	4,54,282.00



Dr. Pingale

Sr. No.	Item of work	Qty.	Rate	Unit	Amount
1	2	1	3	4	5
PLUMBING & SANITATION					
21	<p>Providing and fixing on wall / ceiling / floors, medium grade having embossed ISI mark -- diameter CPVC pipe with screwed sockets, joints & necessary fitting such as sockets back nuts, elbows, bends, tees, reducers, enlargrs, plugs, clamps etc. including necessary drilling holes in walls, slabs etc. & remaking good the demolished portion to restore the same in original condition nearly, testing etc. complete. (prior approval of sample and brand by Excutive Engineer is necessary before use) Spec. no. : Bd. V.5 Page No. 551</p> <p>a) 20mm CPVC Pipe <i>DSR. 21/22 1424/204</i></p> <p>b) 40mm Galvanised Iron Medium grade Pipe <i>DSR.21/22 1428/204</i></p> <p>c) 50mm Galvanised Iron Medium grade Pipe <i>DSR.21/22 1429/204</i> <i>As per Rate Analysis</i></p>	121.07	246.00	Rmt	29,783.22
22	<p>Providing and fixing screw down 15 mm dia -- bib/ stop tap of brass including necessary socket union nut, testing etc. complete. (prior approval of sample and brand by Excutive Engineer is necessary before use) Spec. no. :Bd. V.8 Page No. 554</p> <p><i>DSR.21/22 1332/196</i> <i>As per Rate Analysis</i></p>	12.00	637.00	No	7,644.00
23	<p>Providing and fixing screw down 40 mm dia --wheeled stop tap of brass including necessary socket union nut, testing etc. complete. (prior approval of sample and brand by Excutive Engineer is necessary before use) Spec. No. :Bd. V.8 Page No. 555</p> <p><i>DSR.21/22 1339/197</i> <i>As per Rate Analysis</i></p>	2.00	1,059.00	No	2,118.00
24	<p>Providing and fixing 1st class white glazed earthenware "Orissa type" W.C. Pan 600x400 mm size including "P" or "S" trap UPVC soil and vent pipe upto the outside face of the wall, 1:5:10 cement concrete bedding, 10 litre fibre high level flushing cistern with fittings, inlet pipe with stop tap, bracket for fixing the cistern, 32 mmdia. UPVC flush pipe with fitting and clamps, 20 mm dia. UPVC over flow pipe with mosquito proof coupling, chain and pully painting of the exposed pipe and cutting and making good walls and floor, testing etc. complete. (prior approval of sample and brand by Excutive Engineer is necessary before use)</p> <p><i>DSR.21/22 1399/202</i> <i>As per Rate Analysis</i></p>	8.00	3742.00	Nos	29936.00
25	<p>Providing and fixing white glazed earthenware wash hand basin of size 60x45 cm. including pillar tap, brackets, rubber plugs and brass stop tap and necessary connections including UPVC waste pipe and UPVC bottle trap upto the out side face of wall making good the damaged surface, testing etc. complete. Spec. No. : As directed by Engineer in charge.</p> <p><i>DSR.21/22 1357/198</i> <i>As per Rate Analysis</i></p>	4.00	6,483.00	No	25,932.00
26	<p>Providing and fixing PVC Nhani trap 100 mm dia including PVC plug bend UPVC pipe upto outside face of wall and 100 mm dia PVC grating fixed flush with flooring tiles.</p> <p><i>DSR.21/22 1369/199</i> <i>As per Rate Analysis</i></p>	8.00	1,104.00	No	8,832.00



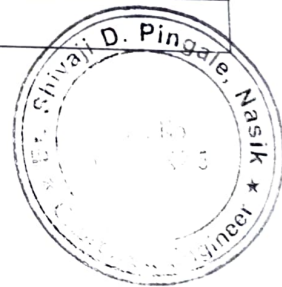
D. Pingale

Sr. No.	Item of work	Qty.	Rate	Unit	Amount
1	2	1	3	4	5
27	Providing and fixing 100mm dia UPVC soil / vent / waste/ SWR pipe with required dia conforming to IS - 13592 and IS-4985 to with stand 2.50 Kg/ cm ² including necessary fixture and fitting such as bends tees, single junction double and joining with rubber and lubricant on wall by mean of clips or in ground including necessary excavation, laying filling tranches testing etc. complete. DSR.21/22 1397/202 As per Rate Analysis	21.00	535.00	Rmt	11,235.00
28	Providing , laying and fixing ,jointing Eco- drain 160 mm SN 4 Nu-Drain Upvc pipes or of equivalent make, manufacture as per EN 13476or equivalent as per I.S.15328 with fittings such a bends, tees ,coupler, etc, jointing with rubber lubricant including necessaryexcavation, trench refilling with selective excavated materialetc. etc. complete. Spec. No.: As directed by Engineer in charge. DSR.21/22 1488/211 As per Rate Analysis	9.00	522.00	Rmt	4,698.00
29	Providing & Constructing Brick Mesonry Inspection Chamber 60cm x 45cm including 1:4:8 cement concrete foundation 1:2:4 cement concrete channels half round G.S.W. pipes, Brick Mesonry plstering from inside and airtight 75mm thick R.C.C. cover etc. complete. Spec. No.: Bd.V.43 Page No. 574 DSR.21/22 1381/200 As per Rate Analysis	8.00	7,818.00	No	62,544.00
30	Providing ,hoisting and fixing in position SINTEX or equivalent High Density poly Ethylene UV stabilised confirming to IS-12701 WATER STORAGE TANK with necessary connection ,testing etc complete. DSR.21/22 1379/274 As per Rate Analysis	10,000.00	14.00	LIT	1,40,000.00
31	Providing and fixing in position hume pipe SEPTIC TANK 900 mm dia with vent pipe and necessary connection ,testing etc complete. DSR.21/22 1387/201 As per Rate Analysis	1.00	15,690.00	NO	15,690.00
32	Providing SOAK PIT of size 120cmx 120cmx120cm including excavation & filling with brick bat and necessary connection ,testing etc complete. DSR.21/22 1388/201 As per Rate Analysis	1.00	2,683.00	NO	2,683.00
			TOTAL	Rs	75,40,504.22
			Say	Rs	75,40,505.00
	ADD 18% G.S.T ON RS.75,40,505.00			Rs.	13,57,289.72
			TOTAL	Rs	88,97,793.00
Rs. EIGHTY EIGHT LAKHS NINETY SEVEN THOUSAND SEVEN HUNDRED NINETY THREE ONLY					

Shivaji D. Pingale
SHIVAJI D. PINGALE

B.E. (Civil) M I E F.I

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Hon. Balasaheb Thackeray Agribusiness and Rural
Transformation (SMART) Project

Full Project Proposal (FPP)

Sub-Project Title:

Maize Procurement, Processing and Trading Facility Centre

Prepared by
Gramin Krushi Vikas Va Pashusavardhan
Mahamndal Ltd, Pune



Submitted by
Indigenou Agrovet Producer Company Limited (CBO),
At Ambasan, Block- Satana (Bagalan), District- Nashik