

ESTIMATE

**NAME OF WORK:-PROPOSED CONSTRUCTION ON GUT NO 92
SHIVAR MANGRUL FOR M/S BHATSHIRPURA GLOBAL FARMER
PRODUCER COMPANY LIMITED BHATSHIRPURA.**

ESTIMATE COST: 84.50 LAKH

**NAME OF WORK:-PROPOSED CONSTRUCTION ON GUT NO 92 SHIVAR MANGRUL FOR
M/S BHATSHIRPURA GLOBAL FARMER PRODUCER COMPANY LIMITED
BHATSHIRPURA.**

GENERAL REPORT.

The Estimated amount may vary as per design (Structural Steel / Civil work). The provisions made under this estimate are as below

Excavation for foundation in earth, soil of all types, sand, gravel and soft murum, including removing the excavated material up to a distance of 50 m beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the

Providing dry/ trap/ granite/ quartzite/ gneiss rubble store soling 15 cm to 20 cm thick including hand packing and compacting etc complete.

Providing and laying in situ /Ready Mix cement concrete M-20 of trap/ granite /quartzite/ gneiss metal for RCC work in foundations like raft, strip foundations, grillage and footings of R.C.C columns and steel stanchions etc including bailing out water

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

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

2 Providing and laying Cast in situ/Ready Mix cement concrete in M-20 of trap/ quartzite/granite /gneiss metal for R.C.C Waist slab and steps of staircases as per detailed design and drawings or as directed including steel centering, formwork, steel pro

Providing and fixing in position TMT-FE 500 bar reinforcement of various diameters for R.C.C pile caps, footings, foundation slab, column, compound wall, chajis, liels, purdis, copings, as and as per detailed designs drawings and schedules including curing, bedding, booking the bars, tending with wire or tack welding and supporting as required complete

Providing second class Burn Brick masonry with conventional/1.5.type bricks in cement mortar 1:5 in upper structure including striking joints, raking out joints, watering and scaffolding etc. Complete

10 Providing internal 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 etc. complete BdL4
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11 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 an

12 Providing and applying plastic emulsion paint of approved quality, colour and shade to new surface in three coats including scaffolding, preparing the surface. (excluding primer coat) etc. complete.

Providing and applying two coats of exterior acrylic emulsion paint conforming to corresponding

15 of approved manufacture and of approved colour to the plastered surfaces including cleaning

preparing the plaster surface, applying primer coat, scaffolding 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 14

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

15 Providing and fixing colour coated Zinalume (R) AZ 150 (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 nominal 950-1050 mm effective cover width and nominal 25-30 mm deep ribs with subtle square fluting in the five panel nominal 180-250 mm center to center. The end rib shall be designed for anti-collapse pillar groove and return leg The feed material should have collar

16 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 35x35 mm angle section fitted with sliding bolt

And all other necessary provisions are made in the estimate .The rates adopted as per

S.S.R 2021-22

Gaikwad V.K.
B.E.(Civil)
Consulting Engineer, Kallam.
Reg.No.10/MCK/108/2012-2013

NAME OF WORK:-PROPOSED CONSTRUCTION ON GUT NO 92 SHIVAR MANGRUL FOR M/S BHATSHIRPURA GLOBAL FARMER PRODUCER COMPANY LIMITED BHATSHIRPURA.

ABSTRACT SHEET

SR. NO.	DESCRIPTION OF ITEM	QTY	RATE	UNIT	TOTAL AMOUNT
1	Excavation for foundation in earth, soil of all types, sand, gravel and soft 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 back filling, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.5 m.) By Mechanical Means				
	RATE AS PER SSR 2021-22 I.NO. 21.02 & P.NO.114	36.91	202.65	Cu.M.	7479.00
2	Excavation for foundation in earth, soil of all types, sand, gravel and soft 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 back filling, ramming, watering including shoring and strutting etc. complete. (Lift from 1.5m to 3.0m) By Mechanical Means				
	RATE AS PER SSR 2021-22 I.NO. 21.04 & P.NO.114	27.18	253.05	Cu.M.	6877.00
3	Excavation for foundation in Hard murum including removing the excavated material upto a 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 from 1.5 to 3.0m.) By Mechanical Means				
	RATE AS PER SSR 2021-22 I.NO.21.08 & P.NO.114	27.18	278.25	Cu.M.	7562.00
4	Conveying materials obtained from road cutting including all lifts, laying in layers of 20cm to 30cm. breaking clods, dressing to the required lines, curves, grades and section, watering and compacting to not less than 97% of standard Proctor density for a lead of over 50m. to 300m. inclusive from the site of excavation to the site of deposition as directed.				
	RATE AS PER SSR 2021-22 I.NO.2.25 & P.NO.23	63.88	185.85	Cu.M.	11872.00
5	Filling in plinth and floors with approved excavated material in 15cm. to 20cm. layers including watering and compacting etc. complete.				
	RATE AS PER SSR 2021-22 I.NO.21.36 & P.NO.116	38.05	118.65	Cu.M.	4514.00
6	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.				
	RATE AS PER SSR 2021 -22 I.NO. 21.37 & P.NO.116	406.35	886.79	Cu.M.	360347.00
7	Providing dry/ trap/ granite/ quartzite/ gneiss rubble stone soling 15 cm to 20 cm thick including hand packing and compacting etc. complete.				
	RATE AS PER SSR 2021-22 I.NO.21.38 & P.NO.116	74.52	1863.72	Cu.M.	138884.00

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 Consulting Engineer,Kallam.
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ABSTRACT SHEET

SR. NO.	DESCRIPTION OF ITEM	QTY	RATE	UNIT	TOTAL AMOUNT
8	Providing pre constructional antitermite treatment as per I.S.6313 (Part II) by treating the bottom surface and sides of excavation at the rate of 5 litres of emulsion concentrate of 1.0 percent of chloro phyrifos per square meter of surface area covering 10 years guarantee on bond paper. RATE AS PER SSR 2021-22 I.NO.21.22 & P.NO.115	151.70	96.60	Sqm	14654.00
9	Providing preconstructionl antitermite treatment as per I.S.6313 (Part II) by treating the top surface of plinth filling at the rate of 5litres of emulsion concentrateat 1.0 percent of clorophyrifos per square metre of surface area covering ten years guarantee on bond paper. RATE AS PER SSR 2021-22 I.NO.21.24 & P.NO.116	451.5	98.70	Sqm	44563.00
10	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, 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/Natural Sand) RATE AS PER SSR 2021-22 I.NO. 24.01 & P.NO.130	74.52	6958.37	Cu.M.	518537.00
11	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, 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/Natural RATE AS PER SSR 2021-22 I.NO. 25.11 & P.NO.132	84.49	7342.99	Cu.M.	620409.00
12	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 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 (Crushed sand VSI Grade/Natural Sand) RATE AS PER SSR 2021-22 I.NO.25.31 & P.NO.133 Ground Floor	13.48	13980.04	Cu.M.	188450.00

ABSTRACT SHEET

SR. NO.	DESCRIPTION OF ITEM	QTY	RATE	UNIT	TOTAL AMOUNT
13	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, 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 with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade/Natural Sand) RATE AS PER SSR 2021-22 I.NO.25.50 & P.NO.134 Ground Floor	20.04	12400.84	Cu.M.	248512.00
14	Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap/ granite / quartzite/ gneiss metal for R.C.C. slabs and landings as per detailed designs and drawings including 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 (Crushed sand VSI Grade/Natural Sand) RATE AS PER SSR 2021-22 I.NO.25.70 & P.NO.135 Ground Floor	1.26	14983.84	Cu.M.	18879.00
15	Providing & casting in Cast In Situ / Ready Mix Cement Concrete M-20 Of Trap / Granite / Quartzite / Gneiss Metal For R.C.C.Chajja as per detailed design & drawings including centering, formwork, cover blocks, laying/pumping, compacting and roughening the surface if special finish is to be provided and curing 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 (Crushed sand VSI Grade/Natural Sand) RATE AS PER SSR 2021-22 I.NO.26.05 & P.NO.136 Ground Floor	0.47	14110.24	Cu.M.	6631.00
16	Providing and laying Cast in situ/Ready Mix cement concrete in M-20 of trap / quartzite /granite /gneiss metal for R.C.C. Waist slab, and steps of staircases as per detailed design and drawings or as directed including steel centering, formwork, steel props, laying/pumping, compaction, finishing uneven and honeycombed surface with C.M. 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening the surface if special finish is to be provided and curing etc. complete. (Excluding reinforcement, including cover block).(Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc.) 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/Natural Sand) BASIC RATE AS PER SSR 2021-22 ITEM NO. 26.25 Page No.137 Ground Floor	2.47	14137.54	Cu.M.	34919.00

ABSTRACT SHEET

SR. NO.	DESCRIPTION OF ITEM	QTY	RATE	UNIT	TOTAL AMOUNT
17	<p>Providing and laying Cast in situ /Ready Mix cement concrete in M-20 of trap /granite /quartzite /gneiss metal for R.C.C.coping to plinth or parapet and sill of doors and windows moulded as per detailed drawings or chamfered as approved by the Engineer including steel centering, formwork, cover blocks, laying/pumping, compacting , curing , finishing and rougheningthem if special finish is to be provided and curing 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)</p> <p>BASIC RATE AS PER SSR OF 2021-22 ITEM NO. 26.23& PAGE NO.137</p> <p>Ground Floor</p>	1.24	7483.69	Cu.M.	9279.00
18	<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.</p> <p>RATE AS PER SSR 2021-22 I.NO.26.33 & P.NO.138</p> <p>Ground Floor</p>	11.01	75366.90	M.T.	829789.00
19	<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.</p> <p>RATE AS PER SSR 2021-22 I.NO.27.01 & P.NO.143</p>	11.79	7823.91	Cu.M.	92243.00
20	<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</p> <p>RATE AS PER SSR 2021-22 I.NO.27.05& P.NO.143</p> <p>Ground Floor</p>	50.95	8062.26	Cu.M.	410772.00
21	<p>Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:4 in half brick thick wall including mild steel longitudinal reinforcement of 2 bars of 6 mm diameter / 2 hoop iron strips 25 mm X 1.6 mm placed at every third course, properly bent and bonded at ends scaffolding, racking out joints and watering etc. complete.</p> <p>RATE AS PER SSR 2021-22 I.NO.27.06 & P.NO.143</p> <p>Ground Floor</p>	8.66	1086.24	Sqm	9406.00
22	<p>Providing internal cement plaster 12mm thick in single coat in cement mortar 1:4 without neeru finish to concrete or brick surfaces, in all positions including scaffolding and curing etc.complete.</p> <p>RATE AS PER SSR 2021-22 I.NO.32.04 & P.NO.152</p> <p>Ground Floor</p>	316.54	299.95	Sq.M.	94946.00

ABSTRACT SHEET

SR. NO.	DESCRIPTION OF ITEM	QTY	RATE	UNIT	TOTAL AMOUNT
	<p>23 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.</p> <p>RATE AS PER SSR 2021-22 I.NO.32.11 & P.NO.152 Ground Floor</p>	354.15	678.99	Sq.M.	240464.00
	<p>24 Providing and fixing Chicken Mesh Of 22 Gauge, With About 30 Cm. Width at the junction of R.C.C members and brick work, of approved quality including fixing mesh in position by necessary drilling in concrete /B.B. masonry and or tying by binding wire etc. complete.</p> <p>Spec.No. : As Directed By Engineer In Charge. RATE AS PER SSR 2021-22 I.NO.32.26 & P.NO.153</p>	35	135.45	Rmt.	4740.00
	<p>25 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.</p> <p>RATE AS PER SSR 2021-22 I.NO.35.21 & P.NO.164</p>	316.54	35.70	Sq.M.	11300.00
	<p>26 Providing and applying Plastic Emulsion Paint Of Approved Quality, Colour And Shade To New Surface In Two Coats including scaffolding, preparing the surface. (excluding primer coat) etc. complete. Spec. No. Bd.P.6 Page No.414</p> <p>RATE AS PER SSR 2021-22 I.NO.36.12 & P.NO.166</p>	316.54	73.50	Sq.M.	23265.00
	<p>27 Providing and applying two coats of exterior acrylic emulsion paint confirming to corresponding I.S.of approved manufacture and of approved colour to the plastered surfaces including cleaning, preparing the plaster surface ,applying primer coat,scaffolding if necessary , and watering the surface for two days etc complete.</p> <p>Spec.No. : As Directed By Engineer In Charge. RATE AS PER SSR 2021-22 I.NO.35.25 & P.NO.164</p>	354.15	252.00	Sq.M.	89245.00
	<p>28 Providing and applying two coats of synthetic enamel paint of approved colour to new /old structural steel work and wood work in buildings, including scaffolding if necessary, cleaning and preparing the surface (excluding primer coat) etc. complete</p> <p>RATE AS PER SSR 2021-22 I.NO.35.07& P.NO.163</p>	12.6	93.45	Sq.M.	1177.00
	<p>29 Providing and applying two coats of flat oil paint of approved colour and shade to internal /external plastered surfaces including scaffolding if necessary, cleaning and preparing the surface (excluding primer coat) etc. complete.</p> <p>RATE AS PER SSR 2021-22 I.NO.35.12 & P.NO.163</p>	7	100.80	Sq.M.	705.00

ABSTRACT SHEET

SR. NO.	DESCRIPTION OF ITEM	QTY	RATE	UNIT	TOTAL AMOUNT
30	<p>Providing and fixing green marble of 18 to 20 mm thick for door frame/ dado/ window boxing etc. On C.M. 1:6 including filling joints with polymer base filler nosing / moulding the sharp edges wherever necessary, curing, etc. complete. Spec.No. :As directed by Engineer in charge. BASIC RATE AS PER SSR 2021-22 ITEM NO. 33.48 Page No.159</p>	0.91	2464.35	Sq.M.	2242.00
31	<p>Providing and fixing fiber glass reinforced polyster door shutter 30 mm thick as per IS 14856 (2000) (Reaffirmed2006) without ventilator including chromium plated fixtures and fastening with chromium plated handles on both sides, etc complete Spec.No. :As directed by Engineer in charge. RATE AS PER SSR 2021-22 I.NO.39.58 & P.NO.186</p>	1.10	3139.50	Sq.M.	3453.00
32	<p>Providing and fixing mild steel grill work for windows, ventilators etc. 20 kg/sqm as per drawing including fixtures, necessary welding and painting with one coats of anticorrosive paint and two coats of oil painting complete RATE AS PER SSR 2021-22 I.NO.40.01 & P.NO.191</p>	12.6	1937.25	Sq.M.	24409.00
33	<p>Providing and laying Antiskid Ceramic tiles of approved quality of size 30cm x 30cm and confirming to IS15622-2006 (Group-BIIA) for antiskid flooring in required position laid on a bed of 1:4 cement mortar including cement float, filling joint with cement slurry cleaning curing etc. complete. RATE AS PER SSR 2021-22 I.NO.33.67 & P.NO.160</p>	1.98	1240.84	Sq.M.	2456.00
34	<p>Providing and laying vitrified mirror /glossy finish tiles having size 590 mm to 605 mm x 590 mm to 605 mm of 8 to 10 mm thickness and confirming to IS.15622-2006 (group Bla)of approved make,shade and pattern for dado and skirting in required position fixed in 1:4 cement mortar including neat cement float, filling joints, curing and clearing etc. complete RATE AS PER SSR 2021-22 I.NO.33.41 & P.NO.158 Ground Floor</p>	6.3	1295.46	Sq.M.	8161.00
35	<p>Providing and fixing 1st class white glazed earthenware Orissa Type W.C. Pan 580 mm dia including P or S trap cast iron soil and vent pipe upto the outside face of the wall (1:5:10) cement concrete bedding 15 mm thick,10 liter P.V.C.flushing cistern with all necessary pipe connection etc. complete. Spec.No. :As directed by Engineer in charge. RATE AS PER SSR 2021-22 I.NO.42.33 & P.NO.201</p>	0.7	7215.44	No.	5050.00
36	<p>Providing and fixing European type white glazed earthen ware coupled closet symphonic trap with symphonic low level white glazed 10 litres cistern with black back lite seat with allnecessary pipe connection etc. complete. RATE AS PER SSR 2021-22 I.NO.42.34 & P.NO.201</p>	0.7	10998.59	No.	7699.00
37	<p>Providing and fixing wall hung white wash basin of size 350x450x165mm with approved make pillar cock, C.P. Angular stop cock long thread approved make continental including SS bottle trap of approved make having necessary pipe connection up to the outside face of the wall etc complete as directed by Engineer in charge. RATE AS PER SSR 2021-22 I.NO.48.32 & PAGE NO.227</p>	2.1	6309.86	No.	13250.00

ABSTRACT SHEET

SR. NO.	DESCRIPTION OF ITEM	QTY	RATE	UNIT	TOTAL AMOUNT
38	Providing and Fixing Half Turn 25 mm Dia Gun Metal Flushing Cock including all accessories etc. complete. Spec.No. :As directed by Engineer in charge. RATE AS PER SSR 2021-22 I.NO.42.32 & P.NO.201	0.7	888.30	No.	621.00
39	Providing and fixing 15 Cm Rigid PVC Nahani Trap Including PVC Grating, Bend, Connecting Piece Of UPVC Pipe Up To The Outside Face Of Wall ,making the good damaged surface and testing etc. complete (Prior approval of sample and brand by Ex. Engr. is necessary before use). Spec. No. As directed by Engineer in charge. RATE AS PER SSR 2021-22 I.NO.43.18 & P.NO.209	0.7	559.65	No.	391.00
40	Providing and fixing Chromium Plated Towel Rod 16 mm Dia And 75 Cm. In Length including all accessories complete. Spec. No. As directed by Engineer in charge. RATE AS PER SSR 2021-22 I.NO.42.31 & P.NO.201	0.7	285.60	No.	199.00
41	Providing and fixing 75 mm dia stabiliser pipe/ P.V.C. soil vent/waste pipe and with necessary fixtures and fitting such as bends, tees, single junctions, slotted vent, clamps etc.complete Spec. No. : As directed by Engineer in charge. RATE AS PER SSR 2021-22 I.NO.42.51 & P.NO.203	52.5	565.95	Rg.M.	29712.00
42	Providing and fixing 15Cm x 10Cm Salt Glazed Stoneware Gully Trap in cement concrete 1:4:8 outside the building including cast iron grating in the sink, connecting glazed stoneware pipe, brick masonry chamber with cast iron lid and cast iron grating for the gully trap. RATE AS PER SSR 2021-22 I.NO.42.02 & P.NO.199	0.7	1442.70	Nos.	1009.00
43	Providing & constructing Brick Masonry Inspection Chamber 60Cm x 45Cm x 90Cm including 1:4:8 cement concrete foundation 1:2:4 cement concrete channels half round G.S.W. pipes, Brick Masonry, plastering from inside and with frame fixed in cement concrete etc. complete with R.C.C. Cover medium duty 140 kg with frame etc complete. RATE AS PER SSR 2021-22 I.NO.42.12 & P.NO.199	0.7	8333.33	Nos.	5833.00
44	Providing and fixing 40 mm. dia Ball cock medium type with PVC float including sockets and necessary fittings and tested as per MUNICIPAL requirements etc. complete. Spec. No. : As directed by Engineer in charge. RATE AS PER SSR 2021-22 I.NO.42.36 & P.NO.201	1.4	1134.00	No.	1587.00
45	Providing and fixing on walls/ ceiling/ floor 15 mm dia. CPVC pipe with necessary fittings, remaking good the demolished portion etc. complete. Including removing existing pipe line if necessary and conveying and stacking the same in PWD chowky or as directed etc. complete. RATE AS PER SSR 2021-22 I.NO. 42.55 & P.NO.203	42	258.30	Rg.M.	10848.00

ABSTRACT SHEET

SR. NO.	DESCRIPTION OF ITEM	QTY	RATE	UNIT	TOTAL AMOUNT
	<p>46 Providing and fixing on walls/ ceiling/ floor 20mm dia. CPVC pipe with necessary fittings, remaking good the demolished portion etc. complete. Including removing existing pipe line if necessary and conveying and stacking the same in PWD chowky or as directed etc. complete.</p> <p>RATE AS PER SSR 2021-22 I.NO. 42.56 & P.NO.203</p>	42	299.25	Rg.M.	12568.00
	<p>47 Providing and fixing on walls/ ceiling/ floor 25 mm dia. CPVC pipe with necessary fittings, remaking good the demolished portion etc. complete. Including removing existing pipe line if necessary and conveying and stacking the same in PWD chowky or as directed etc. complete.</p> <p>RATE AS PER SSR 2021-22 I.NO. 42.57 & P.NO.203</p>	42	352.80	Rg.M.	14817.00
	<p>48 Providing and fixing on walls/ ceiling/ floor 32mm dia. CPVC pipe with necessary fittings, remaking good the demolished portion etc. complete. Including removing existing pipe line if necessary and conveying and stacking the same in PWD chowky or as directed etc. complete.</p> <p>RATE AS PER SSR 202-22 I.NO. 42.58 & P.NO.203</p>	49	412.65	Rg.M.	20219.00
	<p>49 Providing and fixing H.D.P container Syntex or alike one piece moulded water tank made out of high density polythylar and built corrugated inclusive of delivery up to destination hoisting and fixing of accessories such as inlet,outlet overflow pipe inclusive of all tanks capacity between 200 to 1000 liters</p> <p>Spec. No.:As directed by Engineer in charge.</p> <p>RATE AS PER SSR 2021-22 I.NO.42.53 & P.NO.203</p>	1400	13.65	Litre	19110.00
	<p>50 Providing and fixing P.V.C. Rain water pipes of 110mm 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.</p> <p>BASIC RATE AS PER SSR 2021-22 ITEM NO. 42.87 Page</p>	63	527.10	Rgm	33207.00
	<p>51 Providing and fixing White Glazed Earthenware full stall type Urinal with P.V.C. flushing cistern of 5 liters capacity with fitting, inlet pipes and stop tap, brackets for fixing the cistern, 32 mm dia. P.V.C flush pipe with fittings and flushing arrangement including lead soil pipe, lead trap, soil pipe connection up to the outside face of the wall</p> <p>BASIC RATE AS PER SSR 2021-22 ITEM NO. 41.57 Page</p>	0.7	8834.06	NO.	6183.00
	<p>52 Providing and fixing 100 mm dia stabiliser pipe/ P.V.C. soil vent/waste pipe and with necessary fixtures and fitting such as bends, tees, single junctions, slotted vent, clamps etc. complete</p> <p>RATE AS PER SSR 2021-22 I.NO.42.52 & P.NO.203</p>	52.5	771.75	Rgm	40516.00

ABSTRACT SHEET

SR. NO.	DESCRIPTION OF ITEM	QTY	RATE	UNIT	TOTAL AMOUNT
53	<p>Providing and fixing 20 mm dia.screw down bib / stop tap of brass including necessary socket union nut complete.</p> <p>RATE AS PER SSR 2021-22 I.NO.41.41& P.NO.196</p>	2.8	964.95	No.	2701.00
54	<p>Providing water proof bedding for flooring of Bath and WC 25 mm thick in C.M. 1:3 including using approved water proofing compound in specified proportion as per manufacturers specifications for per bag of cement including leveling, curing and covering 10 years guarantee on court fee stamp paper of Rs.500/- including ponding test etc. complete.</p> <p>Spec.No. :As directed by Engineer in charge.</p> <p>RATE AS PER SSR 2021-22 I.NO. 31.05 & P.NO.149</p>	1.98	431.00	Sq.M.	853.00
55	<p>Providing cement based water proofing treatment to terraces (Indian water proofing or alike)with brickbats laid in required slope to drain the water for any span after cleaning the base surface. Applying a coat of cement slurry admixed with approved water proofing compound and laying the brick bats on bottom layer in C.M. 1:5 admixed with approved water proofing compound filling upto half depth of brickbats, curing this layer for 3 days, applying cement slurry over this layer joints of brick bats with C.M.1:3 admixed with approved waterproofing compound and finally top finishing with average 20 mm.thick layers of same mortar added with jute fiber at 1Kilogram per bag including finishing the surface smooth with cement slurry admixed with approved Waterproofing compound. Marking finished surface with false squares of 300 mm x300 mm. making the junctions at the parapet rounded and tapered top for required height ,with drip mould at the junction of plaster and parapet and curing and covering 10 years Guarantee against leak proofness on Court fee stamp paper of Rs.500/-including</p> <p>RATE AS PER SSR 2021-22 I.NO. 31.04 & P.NO.149</p>	1.98	1143.95	Sq.M.	2265.00
56	<p>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.</p> <p>RATE AS PER SSR 2021-22 I.NO.23.01 & P.NO.128</p>	19.43	93640.05	MT	1819426.00
57	<p>Providing and fixing colour coated Zinalume (R) AZ 150 (min150 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)(0.5mmTCT),Hi-strength steel with min. 550 MPa yield strength,metal lic 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 in organic 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 10um 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 panat nominal180-250 mm center-to-center. The end rib shall be designed for anti-ca pillary groove.and return leg.The feed material should have coil manufacturers product details marked a regular interval.Including fasteners withm in.fastened with min.25umZinc-Tinalloycoated,Hexhead,self-drillingscrewetc.complete.(weightofprofile4.52Kilogram/Square</p> <p>BASIC RATE AS PER SSR OF 2021-22 ITEM NO. 38.34 Page</p>	801.15	1149.75	Sq.m.	921122.00

ABSTRACT SHEET

SR. NO.	DESCRIPTION OF ITEM	QTY	RATE	UNIT	TOTAL AMOUNT
	58 Providing and fixing hume pipe septic tank 900 mm diameter with vent pipe and cap including necessary (including excavation and laying)				
	RATE AS PER SSR 2021-22 I.NO.42.18 & P.NO.201	0.7	16474.50	No.	11532.00
	59 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 35x3x5 mm angle section fitted with sliding bolt sand 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.Bracketplate 300x300x3.15 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 weels and worms of high grade cast iron or mild steel and one coat of red lead primer etc. complete. (I.S. 62481979) (With mechanical				
	RATE AS PER SSR 2021-22 I.NO.39.25 & P.NO.181	15.43	4966.50	Sqm.	76633.00
	60 Providing and fixing in position (asper1868/1982) Aluminium sliding window of three tracks with rectangular pipe 95x38.10x0.90 mm at weight 0.637 Kilogram / Running metre. with window frame bottom track section 92x31.75x1.30 mm at weight 1.070 Kilogram / Running metre. .Top and side track section 92x31.75x1.30 mm at weight 0.933 Kilogram /Running metre.The shutter should be of bearing bottom 40x18x1.25 mm at weight 0.417 Kilogram/ Running metre. Inter locking section 40x18x1.10 mm at weigh t0 .469 Kilogram/ Running metre. and handle and top section 40x18x1.25 mm at weigh to.417 Kilogram / Running metre .As per detailed drawings and as directed by Engineer incharge with all necessary Aluminium sections fixtures and fastenings such as roller bearing inylon casting and self locking catch fitted invertical section of shutter including 5 mm thick plain glass and aluminium mosquito net shutter with stailless steel jail with all required screws and nuts etc, complete. With powder coating with box				
	SSR OF 2021-22 ITEM NO. 39.43 & PAGE NO.185	12.6	5414.85	Sqm.	68227.00
TOTAL COST OF CIVIL WORK A= Rs.					71,86,819.00

Gaikwad V.K.
 B.E.(Civil)
 Consulting Engineer,Kallam.
 Reg.No.10/MCK/108/2012-2013

NAME OF WORK ;- PROPOSED CONSTRUCTION ON GUT NO 92
SHIVAR MANGRUL FOR M/S BHATSHIRPURA GLOBAL
FARMER PRODUCER COMPANY LIMITED BHATSHIRPURA.

1.COST OF WORK RS.71,86,819/-

2.COST OF WORK LAND DEVELOPMENT RS.3,25,000/-

SUB TOTAL RS.75,11,819

1) ADD 12% FOR GOODS AND SERVICES TAX RS.9,01,418/-

2)ADD 0.5% FOR LABOUR INSURANCE RS. 37,559/-

GRAND TOTAL RS. 84,50,796/-
SAY TOTAL RS. 84,50,000/-

Gaikwad V.K.

B.E.(Civil)

Consulting Engineer,Kallam.

Reg.No.10/MCK/108/2012-2013