

Name of Work- Proposed Construction Of Industrial Shed on Gut No. 132/3 of  
DHA KAMBE Shiwar, Nashik. for CAMPET Bottles Pvt. Ltd.

**RECAPITULATION SHEET**

COST OF CIVIL WORK	9358607.00
ADD 1% PLUMBING & SANITATION Rs.	93586.07
TOTAL Rs.	9452193.07
ADD 12% FOR GST RS	1134263.17
ESTIMATED COST Rs.	10586456.24
SAY RS.	10586457.00

RUPEES ONE CRORE FIVE LACS EIGHTY SIX THOUSAND FOUR HUNDRED FIFTY SEVEN ONLY

  
5/11/24  
ARCHITECT  
HEMANT BHAVSAR

Name of Work- Proposed Construction Of Industrial Shed on Gut No. 132/3 of DHAKAMBE Shiwar, Nashik. for CAMPET Bottels Pvt. Ltd.

ABSTRACT

I. No	Description	Quantity	Rate	Per	Amount
1	Page :- 197 SSr. No.:-21.02 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 foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.5 m.) By Mechanical Means	1193.89	125.00	CUM	149236.50
2	Page :- 197 SSr. No.:-21.06 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 irected, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.50m) By Mechanical Means	291.60	135.00	CUM	39365.92
3	Page :-201 Sr. No.:- 21.38 Providing dry/ trap/ granite/ quartzite/ gneiss rubble stone soling 15 cm to 20 cm thick including hand packing and compacting etc. complete.	114.50	830.00	CUM	95036.70
4	Page :-201 Sr. No.:- 21.36 Filling in plinth and floors with approved excavated material in 15cm.to 20cm. layers including watering and compacting etc. complete.	57.04	80.00	CUM	4563.44
5	Page :-201 Sr. No.:- 21.37 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.	745.95	428.00	CUM	319266.09
6	Page No :- 230 Sr No :-25.11 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,Steel centering formwork, laying/pumping cover blocks,compaction and curingoughening 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)	30.89	6273.00	CUM	193785.52

7	Page No :-232 Sr No:- 25.31 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 irected 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)	8.86	6273.00	CUM	55553.69
8	Page :- 226 SSr. No.:- 24.01 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 / IS 456:2000	26.79	4766.00	CUM	127681.14
9	Page :- 234 SSr. No.:- 25.50 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 with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Natural	27.75	6273.00	CUM	174073.44
10	Page :- 240 SSr. No.:- 26.17 Providing and laying Cast in situ/Ready Mix cement concrete in M-20 of trap/ granite/ quartzite/ gneiss metal for R.C.C. pardi of required thickness 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)	0.00	6273.00	Cum	0.00

11	Page :- 236 SSr. No.:- 25.70 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 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 microprocessor based PLC with SCADA enabled reversible Drum Type mixer/concrete Batch mix plant (Panmixer) etc. complete. With fine aggregate (NaturalSand/Crushed sand VSI Grade finely washed etc)	0.00	6273.00	Cum	0.00
12	Page :-245 Sr. No.:- 26.33 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.	12.24	61596.00	MT	753972.47
13	Page No :- 254 Sr No :- 27.01 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.	26.68	4800.00	CUM	128055.17
14	Page No :- 254 Sr No :- 27.05 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	47.39	4803.00	CUM	227636.84
15	Page No :- 254 Sr No :- 27.06 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 25mmX1.6mm placed at every third course, properly bent and bonded at ends scaffolding , racking out joints and watering etc. complete.	31.31	600.00	Sqm	18786.60
16	Page No :- 268 Sr No :- 32.03 Providing internal cement plaster 12mm thick in single coat in cement mortar 1:5 with out neeru finish to concrete or brick surfaces, in all positions including scaffolding and curing etc. complete.	0.00	175.00	Sqm	0.00
17	Page No :- 268 Sr No :- 32.07 Providing internal cement plaster 20mm thick in Single coats in cement mortar 1:4 without neeru finish, to concrete, brick surface, in all positions including scaffolding and curing etc.complete.	463.37	315.00	Sqm	145962.81

18	Page No :- 269 Sr No :- 32.15 Providing neeru finish to plastered surfaces in all positions including scaffolding and curing etc. complete	463.37	51.00	Sqm	23632.07
19	Page :- 269 Sr. No.:- 32.11 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 aterproofing 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.	333.48	540.00	Sqm	180077.58
20	Page :- 287 Sr. No.:- 35.13 Providing and applying two coats of water proof cement paint of approved manufacture and of approved colour to the plastered surfaces including scaffolding if necessary, cleaning and preparing the surface, watering for two days etc. complete.	333.48	175.00	Sqm	58358.48
21	Page :- 288 Sr. No.:- 35.21 Providing and applying priming coat on concrete/masonry/AsbestosCement 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.	796.85	30.00	Sqm	23905.53
22	Page :- 291 Sr. No.:- 36.11 Providing and applying washable oil-bound distemper of approved colour and shade to old and new surfaces in two coat including scaffolding, preparing the surfaces.(excludingtheprimercoat.)etc.complete.	463.37	120.00	Sqm	55604.88
23	Page :- 277 Sr. No.:- 33.30 Providing and laying in situ cement concrete M 20 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.	458.71	638.00	Sqm	292660.11
24	Page :- 276 Sr. No.:- 33.18 Providing and laying machine cut machine polished machine cut Kota stone slabs 20 to 25 mm thick for treads and risers of steps and staircases, with rounded nosing for the treads on a bed of 1:4 cement mortar including cement float, filling joints with neat cement slurry, curing, polishing and cleaning etc. complete.	439.14	1316.00	Sqm	577914.69
25	Page :- 276 Sr. No.:- 33.24 Providing and laying matt finish ceramic tiles of having size 30cm x 30cm confirming to I.S.15622/2006 (group DII-A) and 7 to 8 mm thick for flooring in required position laid on a bed of 1:4 cement mortar including cement float, filling joint with white /colour cement slurry cleaning curing etc. complete.	19.57	1050.00	Sqm	20548.50



26	Page :- 277 Sr. No.:- 33.26 Providing and laying ceramic tiles having size 30cm. x 45cm. confirming to corresponding I.S.for dado and skirting in required position with ready made adhesive mortar of approved quality on plaster of 1:2 cement mortar including joint filling with white /colour cement slurry cleaning curing etc. complete.	53.52	1147.00	Sqm	61387.44
27	Page :- 280 Sr. No.:- 33.48 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.	2.85	1823.00	Sqm	5195.55
28	Page :- 319 Sr. No.:- 39.29 Providing and fixing steel ventilator fully glazed partly fixed as per detailed drawing without hot dip zinc coating including fabricating glazing with plain/obscured glass panes 5mm thick and approved type and quality and ironoxidized fixtures and fastening oil paint 2coats etc. complete.	5.94	2480.00	Sqm	14731.20
29	Page :- 315 Sr. No.:- 39.10 Providing and fixing solid core flush door shutter commercial in single leaf 32mm thick without ventilator commercial type of exterior grade as per detailed drawings with wrought iron holdfast, stainless steel fixtures and fastenings and handles on both sides and finishing with oil painting 3 coats complete.	14.25	2326.00	Sqm	33145.50
30	Page :- 481 Sr. No.:- 51.61 Solid Core Flush door Double leaf Providing and fixing factory made solid core flush door shutters in double leaves 35mm thick, decorative type of exterior grade, as per detailed drawings, conforming to I.S.:2202-1966 (Revised) including approved face veneers on both sides, without glazing and venetians including mat finish stainless steel fixtures and fastening, stoppers and finishing with french polishing etc.(Excluding door frame) (Sample to be got approved from Ex.Engineer before use) Commercial HardWood shutter	37.44	3100.00	Sqm	116064.00

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31	<p>Page :- 318 Sr. No.:- 39.25</p> <p>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 3 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 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 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)</p>	43.20	4174.00	Sqm	180316.80
32	<p>Page :- 266 Sr. No.:- 31.13</p> <p>Providing and fixing 20 to 25 mm thick rough shahabad box type water proofing treatment to vertical out side faces of Reinforced Cement concrete walls of basement or under ground floor including filling the gap of 25 mm between rough shahabad and R.C.C.walls with cement grout mixed with water proofing liquid Algae proof or other alike with one tile lift method, brushing the joints horizontally with cement slurry mixed with waterproofing liquid for width 30 to 35 mm and sloping coping over top most tile with cement mortar 1:3, butting the bottom most with Cement concrete 1:2:4 mixed with waterproofing liquid, curing, with 7 years guarantee on court fee stamp of Rs.100/-with ponding test etc complete.(excluding Cement concrete 1:3:6 base concrete)</p>	0.00	1094.00	Sqm	0.00
33	<p>Page :- 224 Sr. No.:- 23.09</p> <p>Providing and fixing mild steel grill gate as per the detailed drawing including hinges, locking arrangements and painting in three coats of oil paint of approved colour and shade etc. complete.(weight 18 kg. to 20 kg. Per Sq.m.) Spec.No.: As directed by Engineer- in-charge.</p>	14.64	1529.00	Sqm	22384.56

<p>34 AS PER MARKET RATE          Providing &amp; Erecting in position precast R C C compound wall of Height 1.50mtr with Pre Cast R C C panels of Size 1500 x 300 x 50 mm thk with Pre Cast R C C Column at 1500mm c/c including filing joints of panels, Excavation, P C C etc complete</p>	1300.00	750.00	RFT	975000.00
<p>Providing,fabricating and erecting at site of work the tubular steel structure (shed) as per standard design and specifications having various spans in between trusses and in multiples of standard length of bays as specified as per standard specifications, inclusive of cost of steel tubular trusses, tubular columns purlins, tie runners, foundation bolts, base plates, nuts and bolts, welding where ever required etc.as per detailed drawing inclusive of one coat of anti corrosive paint and two coats of oil painting of approved quality and shade etc. complete. Spec. Number : As directed by Engineer-in-charge.</p>	34.74	97376.69	M.T	3382866.14
<p>standing seam multicell polycarbonate panel system. The system with complete assembly of co extruded UV protected multicellpanels in corporated in to a complete system.Co-extruded UV protected polycarbonate panel system of min 12 mm thick of 900mm (min.) width with angular day lighting concept. Panels shall have minimum six layers with truss bridge design for higher flexibility &amp; strength. Panels with all fixing accessories to ensure best performance for wind uplift, vibration,oil canning and visual appearance. Panels shall be manufactured with vertical standing seam at both sides of the panel.Panels shall be fixed on Purlin with snap on connectors with double tooth griplock locking mechanism and will be securedon M S structure (willbepaidSeparately) with 3 numbers self-drilling screws &amp; trapezoid S S fasteners holding the base of the standing seam offering best stability having a pull-out load of min.7000N (7KN) tested as per ISO6892:1998 and IS1608:2005, as per design requirement. Panels must satisfy Dart drop impact test as per IS14443-97shall show no sign of breakage on Polycarbonate sheets which have been exposed to UV for a min.of 500 Hours as per ASTMG 155. Panels shall not have Yellowness Index as per ASTMD 1925 of 15 units when tested on as ample exposed to UV for 500 Hours as per ASTMG155. U value shall not be more than 1.6W/m 2 Kasper ENISO 10077-2:2018.Panel shall be with additional Endcap/AluminiumU/Fprofile/Glazing Bar for ends as required. Panel shall be fixed over M S</p>	789.01	1143	Sqmt	901838.43
<b>COST OF CIVIL WORK</b>				<b>9358607.77</b>

  
 5/11/23  
**ARCHITECT**  
**HEMANT BHAVSAR**