

Analysis

OD/367/3523/120594/406113/00071744 : Repair of Bijipur Market Complex
Block : Bhapur, Gram Panchayat : Bijipur
Created By: SARADA PRASANNA PANDA

Item 1
Earth Work (AR0102aa): Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge
Sub-Item of Work Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	25.8	Per day	462	11919.6	0
LR001 : Male mulia	25.8	Per day	462	11919.6	0
Total Amount (a+b+c)				23839.2	
Total GST (a)					0
OVERHEAD CHARGES @ 7.5% (+)					1787.94
CONTRACTOR PROFIT @ 7.5% (+)					1922.0355
LABOUR CESS @ 1% (+)					275.491755
Grand Total					27824.667255
Say For Unit 1 (Grand Total/100)					278.24667255

Item 2
Concrete (AR0303): Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.
Sub-Item of Work Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
LR025 : Mason	0.18	Per day	562	101.16	0
LR002 : Female mulia	1.4	Per day	462	646.8	0
LR001 : Male mulia	2.5	Per day	462	1155	0
BRM340 : Cement	2.29	1 Qntl.	523.07	1197.8303	215.609454
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	63	30.24	0

BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	954	915.84	0
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b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	2.29	1 Qntl.	24.787	56.76223	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	367.15	176.232	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	406.21	389.9616	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	2.29	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	305.25	146.52	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	199.5	191.52	0

Total Amount (a+b+c)	5007.86613
Total GST (a)	215.609454
OVERHEAD CHARGES @ 7.5% (+)	391.7606688
CONTRACTOR PROFIT @ 7.5% (+)	421.14271896
LABOUR CESS @ 1% (+)	60.3637897176
Grand Total	6096.7427614776
Say For Unit 1 (Grand Total/1)	6096.7427614776

Item 3

Flooring (AR0817aa): Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles.

Sub-Item of Work

Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3)

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	10	1 Sqm.	643.11	6431.1	0
BRMMR0027 : Wax Polish	10	1 Sqm	8.5	85	0
LR044 : Mason	3.25	Per day	612	1989	0
LR001 : Male mulia	3.25	Per day	462	1501.5	0

LR008 : Sangi mulia	7.6	Per day	512	3891.2	0
BRM340 : Cement	1.375	1 Qntl.	523.07	719.22125	129.459825
BRM028 : Screened and washed sharp sand for mortar	0.15	1 Cum	63	9.45	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	10	1 Sqm.	9.6011111	96.011111	0
BRM340 : Cement	1.375	1 Qntl.	24.787	34.082125	0
BRM028 : Screened and washed sharp sand for mortar	0.15	1 Cum	367.15	55.0725	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	10	1 Sqm.	0	0	0
BRM340 : Cement	1.375	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.15	1 Cum	305.25	45.7875	0

Total Amount (a+b+c)	14857.424486
Total GST (a)	129.459825
OVERHEAD CHARGES @ 7.5% (+)	1124.016323325
CONTRACTOR PROFIT @ 7.5% (+)	1208.3175475744
LABOUR CESS @ 1% (+)	173.19218181899
Grand Total	17492.410363718
Say For Unit 1 (Grand Total/10)	1749.2410363718

Item 4

Flooring (AR0817b): Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.

Sub-Item of Work

Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753)

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
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BRM129 : Tiles up to 20cmx30cm / 20cm x 20cm special plain /printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753	10	1 Sqm.	405	4050	0
LR001 : Male mulia	3.25	Per day	462	1501.5	0
LR044 : Mason	3.25	Per day	612	1989	0
BRM340 : Cement	1.375	1 Qntl.	523.07	719.22125	129.459825
BRM028 : Screened and washed sharp sand for mortar	0.15	1 Cum	63	9.45	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM129 : Tiles up to 20cmx30cm / 20cm x 20cm special plain /printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753	10	1 Sqm.	9.6011111	96.011111	0
BRM340 : Cement	1.375	1 Qntl.	24.787	34.082125	0
BRM028 : Screened and washed sharp sand for mortar	0.15	1 Cum	367.15	55.0725	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM129 : Tiles up to 20cmx30cm / 20cm x 20cm special plain /printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753	10	1 Sqm.	0	0	0
BRM340 : Cement	1.375	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.15	1 Cum	305.25	45.7875	0

Total Amount (a+b+c)	8500.124486
Total GST (a)	129.459825
OVERHEAD CHARGES @ 7.5% (+)	647.218823325
CONTRACTOR PROFIT @ 7.5% (+)	695.76023507438
LABOUR CESS @ 1% (+)	99.725633693994
Grand Total	10072.289003093
Say For Unit 1 (Grand Total/10)	1007.2289003093

Item 5

Painting (AR0919): Finishing wall One Coat with plastic emulsion paint of approved shades on old work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)

Sub-Item of Work

Finishing wall One Coat with plastic emulsion paint of approved shades on old work (Inside)

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM140 : Plastic Emulsion paint	0.75	1 Litre	249.24	186.93	0
LR001 : Male mulia	0.43	Per day	462	198.66	0
LR048 : Painter/ Polisher	0.36	Per day	612	220.32	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM140 : Plastic Emulsion paint	0.75	1 Litre	0.24787	0.1859025	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM140 : Plastic Emulsion paint	0.75	1 Litre	0	0	0

Total Amount (a+b+c)	606.0959025				
Total GST (a)	0				
OVERHEAD CHARGES @ 7.5% (+)	45.4571926875				
CONTRACTOR PROFIT @ 7.5% (+)	48.866482139062				
LABOUR CESS @ 1% (+)	7.0041957732656				
Grand Total	707.42377309983				
Say For Unit 1 (Grand Total/10)	70.742377309983				

Item 6

Concrete (AR0307): Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete as per specifaion and direction of Engineer-in charge.

Sub-Item of Work

Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	1.4	Per day	462	646.8	0
LR001 : Male mulia	3.2	Per day	462	1478.4	0
LR025 : Mason	0.68	Per day	562	382.16	0
BRM340 : Cement	3.23	1 Qntl.	523.07	1689.5161	304.112898
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	63	28.35	0

BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.9	1 Cum.	1396.62	1256.958	0
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b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	3.23	1 Qntl.	24.787	80.06201	0
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	367.15	165.2175	0
BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.9	1 Cum.	367.15	330.435	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	3.23	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	305.25	137.3625	0
BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.9	1 Cum.	199.5	179.55	0

Total Amount (a+b+c)	6374.81111
Total GST (a)	304.112898
OVERHEAD CHARGES @ 7.5% (+)	500.9193006
CONTRACTOR PROFIT @ 7.5% (+)	538.488248145
LABOUR CESS @ 1% (+)	77.18331556745
Grand Total	7795.5148723124
Say For Unit 1 (Grand Total/1)	7795.5148723124

Item 7

Concrete (AR0317): 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete as per specification and direction of Engineer-in charge. (new work)

Sub-Item of Work

2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR001 : Male mulia	0.36	Per day	462	166.32	0
LR044 : Mason	0.1	Per day	612	61.2	0

BRM340 : Cement	0.1208	1 Qntl.	523.07	63.186856	11.37363408
BRM028 : Screened and washed sharp sand for mortar	0.0169	1 Cum	63	1.0647	0
BRM064 : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.0169	1 Cum.	850.2	14.36838	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.1208	1 Qntl.	24.787	2.9942696	0
BRM028 : Screened and washed sharp sand for mortar	0.0169	1 Cum	367.15	6.204835	0
BRM064 : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.0169	1 Cum.	406.21	6.864949	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.1208	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.0169	1 Cum	305.25	5.158725	0
BRM064 : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.0169	1 Cum.	199.5	3.37155	0

Total Amount (a+b+c)	330.7342646
Total GST (a)	11.37363408
OVERHEAD CHARGES @ 7.5% (+)	25.658092401
CONTRACTOR PROFIT @ 7.5% (+)	27.582449331075
LABOUR CESS @ 1% (+)	3.9534844041208
Grand Total	399.3019248162
Say For Unit 1 (Grand Total/1)	399.3019248162

Item 8

Dismantling (AR1621): Removing old grading plaster from roof slab, cleaning the surface, lowering and removing the debris within 50m lead and as per direction of Engineer-in-Charge.

Sub-Item of Work

Removing old grading plaster from roof

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	0.15	Per day	462	69.3	0
LR001 : Male mulia	1.4	Per day	462	646.8	0

Total Amount (a+b+c)	716.1
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	53.7075
CONTRACTOR PROFIT @ 7.5% (+)	57.7355625
LABOUR CESS @ 1% (+)	8.275430625
Grand Total	835.818493125
Say For Unit 1 (Grand Total/9.3)	89.87295625

Item 9

Painting (AR0917gk): Finishing wall with one coat weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge(Outside)(For repair and maintenance).

Sub-Item of Work

Finishing wall with one coat weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work(Outside)(For repair and maintenance).

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
Combine :: Painting (AR0919fk)					
BRM255 : Weather Coat (I.S.I.)	0.075	1 Ltr	194.79	14.60925	0
LR048 : Painter/ Polisher	0.03672	Per day	612	22.47264	0
LR001 : Male mulia	0.04386	Per day	462	20.26332	0
Combine :: Painting (AR0901cik)					
BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	1 Ltr	125.5	10.542	0
LR048 : Painter/ Polisher	0.054838709677419	Per day	612	33.561290322581	0
LR001 : Male mulia	0.054838709677419	Per day	462	25.335483870968	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM255 : Weather Coat (I.S.I.)	0.075	1 Ltr	0.24787	0.01859025	0
BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	1 Ltr	0.24787	0.02082108	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM255 : Weather Coat (I.S.I.)	0.075	1 Ltr	0	0	0
BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	1 Ltr	0	0	0

Total Amount (a+b+c)	126.82339552355
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	9.5117546642661

CONTRACTOR PROFIT @ 7.5% (+)	10.225136264086
LABOUR CESS @ 1% (+)	1.465602864519
Grand Total	148.02588931642
Say For Unit 1 (Grand Total/1)	148.02588931642

Item 10

Painting (AR0903ik): Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)(For repair and maintenance).

Sub-Item of Work

Painting two coats of enamel paint in outer surface paint (outer surface)(For repair and maintenance) .

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR048 : Painter/ Polisher	1.275	Per day	612	780.3	0
LR001 : Male mulia	1.122	Per day	462	518.364	0
BRM141 : Enamel paint	1.1625	1 Litre	198.98	231.31425	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM141 : Enamel paint	1.1625	1 Litre	0.24787	0.288148875	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM141 : Enamel paint	1.1625	1 Litre	0	0	0

Total Amount (a+b+c)	1530.266398875
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	114.76997991563
CONTRACTOR PROFIT @ 7.5% (+)	123.3777284093
LABOUR CESS @ 1% (+)	17.684141071999
Grand Total	1786.0982482719
Say For Unit 1 (Grand Total/9.3)	192.053575083

Item 11

Painting (AR0901a): Priming one coat in inner surface with primer of approved quality over woodwork including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.

Sub-Item of Work

Priming one coat in inner surface with primer of approved quality over woodwork

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR048 : Painter/ Polisher	0.5	Per day	612	306	0
BRM138 : Wood Primer	0.6975	1 Litre	155.08	108.1683	0
LR001 : Male mulia	0.5	Per day	462	231	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM138 : Wood Primer	0.6975	1 Litre	0.24787	0.172889325	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM138 : Wood Primer	0.6975	1 Litre	0	0	0

Total Amount (a+b+c)	645.341189325				
Total GST (a)	0				
OVERHEAD CHARGES @ 7.5% (+)	48.400589199375				
CONTRACTOR PROFIT @ 7.5% (+)	52.030633389328				
LABOUR CESS @ 1% (+)	7.457724119137				
Grand Total	753.23013603284				
Say For Unit 1 (Grand Total/9.3)	80.992487745467				

Item 12

Painting (AR0901ai): Priming one coat in outer surface with primer of approved quality over woodwork including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.

Sub-Item of Work

Priming one coat in outer surface with primer of approved quality over woodwork

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR048 : Painter/ Polisher	0.5	Per day	612	306	0
BRM138 : Wood Primer	0.6975	1 Litre	155.08	108.1683	0
LR001 : Male mulia	0.5	Per day	462	231	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM138 : Wood Primer	0.6975	1 Litre	0.24787	0.172889325	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM138 : Wood Primer	0.6975	1 Litre	0	0	0

Total Amount (a+b+c)	645.341189325
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	48.400589199375
CONTRACTOR PROFIT @ 7.5% (+)	52.030633389328
LABOUR CESS @ 1% (+)	7.457724119137
Grand Total	753.23013603284
Say For Unit 1 (Grand Total/9.3)	80.992487745467

Gayatri Khatua
JE
Bhapur Block

Ritimukta Swain
AEE
Bhapur Block

SARADA PRASANNA PANDA
BDO
Bhapur Block