

Analysis

OD/358/3419/118809/422429/00065785 : Repair and Maintenance of PHS Alatara
Block : Madanpur Rampur, Gram Panchayat : Alatara
Created By:Sharat Kumar Sethi

Item 1
Iron Work (AR1704): Supplying, fitting & fixing of Mild steel and put up for frames & shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T & P required for the work etc. as per direction of Engineer-in-charge.
Sub-Item of Work Iron Doors and windows fixing

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM341 : Steel	0.508	1 Qntl.	6360.72	3231.24576	581.6242368
LR001 : Male mulia	3.25	Per day	462	1501.5	0
LR011 : Helper to carpenter or Blacksmith/ Painter/ Blaster/Plumber/ Electrician/ Fitter/Welder	1	Per day	512	512	0
LR028 : Fitter	1	Per day	562	562	0
LR047 : Fitter	1	Per day	612	612	0
LR026 : Black smith	1	Per day	562	562	0
LR046 : Blacksmith	0.75	Per day	612	459	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM341 : Steel	0.508	1 Qntl.	48.567	24.672036	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM341 : Steel	0.508	1 Qntl.	0	0	0

Total Amount (a+b+c)	7464.417796
Total GST (a)	581.6242368
OVERHEAD CHARGES @ 7.5% (+)	603.45315246
CONTRACTOR PROFIT @ 7.5% (+)	648.7121388945
LABOUR CESS @ 1% (+)	92.982073241545
Grand Total	9391.189397396

Say For Unit 1 (Grand Total/0.508)	18486.593301961
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Item 2

Masonry Brick Work (AR0603ci): Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm2 with dimensional tolerance ± 8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.

Sub-Item of Work
Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	0.14	Per day	462	64.68	0
BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	1 Cum	33	33	0
BRM006 : Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance ± 2 %	400	1000 Nos	4.32	1728	0
LR001 : Male mulia	2.82	Per day	462	1302.84	0
LR025 : Mason	1.05	Per day	562	590.1	0
LR044 : Mason	0.35	Per day	612	214.2	0
BRM340 : Cement	0.672	1 Qntl.	571.88	384.30336	69.1746048
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	76.88	21.5264	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM006 : Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance ± 2 %	400	1000 Nos	0.8091	323.64	0
BRM340 : Cement	0.672	1 Qntl.	30.732	20.651904	0
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	341.11	95.5108	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM006 : Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance ± 2 %	400	1000 Nos	0	0	0
BRM340 : Cement	0.672	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	75.25	21.07	0

Total Amount (a+b+c)	4799.522464
Total GST (a)	69.1746048

OVERHEAD CHARGES @ 7.5% (+)	365.15228016
CONTRACTOR PROFIT @ 7.5% (+)	392.538701172
LABOUR CESS @ 1% (+)	56.26388050132
Grand Total	5682.6519306333
Say For Unit 1 (Grand Total/1)	5682.6519306333

Item 3

Other Building Items. (AR1901B): Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)

Sub-Item of Work

Vitrified Tile 600mmx600mm Plain Ivory

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM174 : White Cement.	0.076	1Qntl	2017.18	153.30568	0
BRM340 : Cement	1.074	1 Qntl.	571.88	614.19912	110.5558416
BRM028 : Screened and washed sharp sand for mortar	0.21	1 Cum	76.88	16.1448	0
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.	651.08	6510.8	0
LR001 : Male mulia	2.16	Per day	462	997.92	0
LR044 : Mason	2.16	Per day	612	1321.92	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM174 : White Cement.	0.076	1Qntl	42.622	3.239272	0
BRM340 : Cement	1.074	1 Qntl.	30.732	33.006168	0
BRM028 : Screened and washed sharp sand for mortar	0.21	1 Cum	341.11	71.6331	0
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.	14.5102781	145.102781	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM174 : White Cement.	0.076	1Qntl	0	0	0
BRM340 : Cement	1.074	1 Qntl.	0	0	0

BRM028 : Screened and washed sharp sand for mortar	0.21	1 Cum	75.25	15.8025	0
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

Total Amount (a+b+c)	9883.073421
Total GST (a)	110.5558416
OVERHEAD CHARGES @ 7.5% (+)	749.522194695
CONTRACTOR PROFIT @ 7.5% (+)	805.73635929712
LABOUR CESS @ 1% (+)	115.48887816592
Grand Total	11664.376694758
Say For Unit 1 (Grand Total/10)	1166.4376694758

Item 4

Plastering (AR1004i): 12mm thick cement plaster (1:6) over Brick work in outside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.

Sub-Item of Work

12mm thick cement plaster (1:6) over Brick work in outside.

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	0.05	Per day	462	23.1	0
LR001 : Male mulia	0.07	Per day	462	32.34	0
LR025 : Mason	0.14	Per day	562	78.68	0
BRM340 : Cement	0.0358	1 Qntl.	571.88	20.473304	3.68519472
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	76.88	1.1532	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0358	1 Qntl.	30.732	1.1002056	0
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	341.11	5.11665	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0358	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	75.25	1.12875	0

Total Amount (a+b+c)	163.0921096
Total GST (a)	3.68519472

OVERHEAD CHARGES @ 7.5% (+)	12.508297824
CONTRACTOR PROFIT @ 7.5% (+)	13.4464201608
LABOUR CESS @ 1% (+)	1.927320223048
Grand Total	194.65934252785
Say For Unit 1 (Grand Total/1)	194.65934252785

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