

CENTRAL WAREHOUSING CORPORATION					
(A GOVT OF INDIA UNDERTAKING)					
Name of Work:- Providing and laying VDC Flooring in Godown No. 1 - C at CW Pithampur (M.P.)					
	1st & Final Bill				
CA Item. No.	Description	Qty.	Unit	Rate	Amount
Sub Schedule -I					
1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				0.00
1.a	1:4:8 (1 Cement : 4 coarse sand derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	67.02	Cum	6326.05	423971.87
2	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level :				0.00
2.a	1:1½:3 (1 Cement: 1½ coarse sand derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	67.24	Cum	8364.20	562408.81
3	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.				0.00
3.a	Hard drawn steel wire fabric	-	Kg	94.10	0.00
4	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	-	Kg	93.05	0.00
5	Hacking of CC flooring including cleaning for surface etc. complete as per direction of the Engineer-in-Charge.	-	Sqm	2.85	0.00
6	Dismantling steel work in single sections including dismembering and stacking within 50 metres lead in:				0.00
6.a	Channels, angles, tees and flats	-	Kg	1.90	0.00
7	Providing and laying in position bitumen hot sealing compound for expansion joints etc.				0.00
7.a	Using grade 'A' sealing compound.	377.93	Per cm depth per cm width per m length	7.50	2834.48
Total					989215.16
less for contractor's percentage(17.12 % below)					-169353.64
Total					819861.52

Contractor

1st & Final Bill					
CA Item. No.	Description	Qty.	Unit	Rate	Amount
Sub Schedule -II					
1	Dismantling manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per				
1.a	bituminous Floor	-	Sqm	41.55	0.00
2	Providing and fixing channels for preparing panels of required size and then dewatering of the concrete with vaccum dewatering machine finishing with mechanical trowel with trimix matching (thickness of flooring 75 mm, along with cutting groove joints at appropriate spacing as per direction of engineer in charge (concrete and steel to be paid separately as per relevent item)	67.24	Cum	573.98	38594.42
3	Providing and spreading non-metallic floor hardener minimum @ 4.5kg/sqm in floor concrete (as per manufactures specifications and approved by Engineer-in-charge). Nothing extra shall be payable if manufacture	892.06	Sqm	96.35	85949.98
Total					124544.40
Add additional 6% for GST @18% (Coeff. 1.06)					132017.06
less for contractor's percentage(2.30% below)					-3036.39
Total					128980.67

	Total Amount (Schedule -I + Schedule - II)				948842.19
Ex-01	Brick work with common burnt clay F.P.S. (non modular) bri	3.90	Cum	5918.01	23080.24
Ex-02	12 mm cement plaster of mix :a) 1:6 (1 cement: 6 fine sand)	25.89	Sqm	201.35	5212.95
Ex-03	Steel reinforcement for R.C.C. work including straightening,	1949.65	kg	64.01	124797.10
Total Amount					1101932.48

Contractor

Regional Office Bhopal

COMPUTERISED MEASUREMENT BOOK

CMB No. CMB-RO-BPL-147

**Name of Work:- Providing and laying VDC Flooring in
Godown No. 1 - C at CW Pithampur (M.P.)**

**Name of Agency:- M/s Mohan Singh Chouhan, 42, LIC,
Housing Board, Civil Lines, Khandwa
(M.P.)- 450001.**

**Work Order No.:- No.CWC/A.E.-RO-BPL/VDC-1-C/CW
Pithampur/2022-23/18, Date:- 01.03.2023**

Certified that this Computerised Measurement Book No. 147 Contains Pages
to only which have been physically verified and found correct.

Issued to :- Anil Kumar (Civil)

Anil Kumar
A.E RO BPL

Porush Kumar
Assistant Engineer (HOE)

Review Notes

I-By Superior Officer of the Department

[illegible]

CMB MEASUREMENTS

Name of Work:-	Providing and laying VDC Flooring in Godown No. 1 - C at CW Pithampur (M.P.)
Name of Agency:-	M/s Mohan Singh Chouhan, 42, LIC, Housing Board, Civil Lines, Khandwa (M.P.).- 450001.
Work order No & Date:-	No.CWC/A.E.-RO-BPL/VDC-1-C/CW Pithampur/2022-23/18, Date:- 01.03.2023
Date of Start:-	01.03.2023 as per LOA
Date of Completion:-	14.03.2023
Date of Measurement	06.04.2023

SUB SCHEDULE - I

CA Item No- 1							
Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : A) 1:4:8 (1 Cement : 4 coarse sand derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)							
S.No	DESCRIPTION	No	L	B	H	QTY.	UNIT
	For Floor Compartment No. 1 C	1	41.39	21.34	0.075	66.24	Cum
	Garage Door	4	2.02	0.34	0.075	0.21	Cum
	Long Shutter	1	3.10	0.50	0.075	0.12	Cum
	Ramp G.No.1 C Gable wall	1	3.10	1.45	0.100	0.45	Cum
c/o to page no of TMB						Total Quantity	67.02 Cum

Ex Item No- 03							
Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. A) Thermo-Mechanically Treated bars of grade Fe-500D or more.							
S.No	DESCRIPTION	No	L	B	Weight	QTY.	UNIT
	For Floor Compartment No.1 C	207	21.30		0.220	970.00	Kg
		107	41.35		0.220	973.38	Kg
	G/W Ramp area	7	3.05		0.220	4.70	Kg
		5	1.43		0.220	1.57	Kg
c/o to page no of TMB						Total Quantity	1949.65 Kg

CA Item No- 2							
Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : a) 1:1½:3 (1 Cement: 1½ coarse sand derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)							
S.No	DESCRIPTION	No	L	B	H	QTY.	UNIT
	For Floor Compartment No.1 C	1	41.39	21.34	0.075	66.24	Cum
	Garage Door	4	2.02	0.34	0.075	0.21	Cum
	Long Shutter	1	3.10	0.50	0.075	0.12	Cum
	Ramp G.No.1 C Gable wall	1	3.10	1.45	0.150	0.67	Cum
c/o to page no of TMB						Total Quantity	67.24
							Cum

SUB SCHEDULE - II

CA Item No.-2							
Providing and fixing channels for preparing panels of required size and then dewatering of the concrete with vaccum dewatering machine finishing with mechanical trowel with trimix matching (thickness of flooring 75 mm, along with cutting groove joints at appropriate spacing as per direction of engineer in charge (concrete and steel to be paid separately as per relevent item)							
S.No.	DESCRIPTION	No	L	B	H	QTY.	UNIT
	For Floor Compartment No.1 C	1	41.39	21.34	0.075	66.24	Cum
	Garage Door	4	2.02	0.34	0.075	0.21	Cum
	Long Shutter	1	3.10	0.50	0.075	0.12	Cum
	Ramp G.No.1 C Gable wall	1	3.10	1.45	0.150	0.67	Cum
c/o to page no of TMB						Total Quantity	67.24
							Cum

CA Item No.-3							
Providing and spreading non-metallic floor hardener minimum @ 4.5kg/sqm in floor concrete (as per manufactures specifications and approved by Engineer-in-charge). Nothing extra shall be payable if manufacture specifies extra quantity.							
S.No.	DESCRIPTION	No	L	B	H	QTY.	UNIT
	For Floor Compartment No.1 C	1	41.39	21.34		883.26	Sqm
	Garage Door	4	2.02	0.34		2.75	Sqm
	Long Shutter	1	3.10	0.50		1.55	Sqm
	Ramp G.No.1 C Gable wall	1	3.10	1.45		4.50	Sqm
c/o to page no of TMB						Total Quantity	892.06
							Sqm

SUB SCHEDULE - I

CA Item No- 7							
Providing and laying in position bitumen hot sealing compound for expansion joints etc. A) Using grade 'A' sealing compound.							
S.No	DESCRIPTION	No	L	B	H	QTY.	UNIT
	For Floor Compartment No.1 C	1	4	41.39		165.56	Per cm depth
	For Floor Compartment No.1 C	1	7	21.34		149.38	per cm
						314.94	width
314.94 mtr*1.2						377.93	per m
c/o to page no of TMB						377.93	

Ex. Item No- 01							
S. NO	DESCRIPTION	NO.	L	B	D/H	QTY.	UNIT
Ex-01	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : a) Cement mortar 1:6 (1 cement : 6 coarse sand)						
	Partition Wall G.No. 1 C & B	1	3.00	0.34	3.82	3.90	Cum
c/o to page no of TMB						Total Quantity	3.90 Cum

Ex. Item No- 02							
S. NO	DESCRIPTION	NO.	L	B	D/H	QTY.	UNIT
Ex-02	12 mm cement plaster of mix :a) 1:6 (1 cement: 6 fine sand)						
	Partition Wall G.No. 1 C & B	2	3.05		3.85	23.49	Sqm
	4 Nos Garage door wall edges	8	1.50	0.20		2.40	Sqm
c/o to page no of TMB						Total Quantity	25.89 Sqm

Abstract of Bill

Bill No:- 1st & Final Bill					
Name of Work :- Providing and laying VDC Flooring in Godown No. 1 - C at CW Pithampur					
Agency :- M/s Mohan Singh Chouhan, 42, LIC, Housing Board, Civil Lines, Khandwa (M.P.).-					
Work order No.CWC/A.E.-RO-BPL/VDC-1-C/CW Pithampur/2022-23/18, Date:- 01.03.2023					
Date of commencement:-01.03.2023 As per work order.					
Date of Completion:-14.03.2023					
Date of Bill:- 06.04.2023					
Sub Schedule -I					
CA Item No.	Description of Item	Qty	Unit	Rate	Amount
1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : A) 1:4:8 (1 Cement : 4 coarse sand derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural				
	B/F From page no of TMB	67.02	Cum		
	QTY upto date	67.02	Cum	6326.05	423971.87
2	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : a) 1:1½:3 (1 Cement: 1½ coarse sand derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural				
	B/F From page no of TMB	67.24	Cum		
	QTY upto date	67.24	Cum	8364.20	562408.81
3	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level. A) Hard drawn steel wire fabric				
	B/F From page no of TMB	0.00	Kg		
	QTY upto date	0.00	Kg	94.10	0.00
5	Hacking of CC flooring including cleaning for surface etc. complete as per direction of the Engineer-in-Charge.				
	B/F From page no of TMB	0.00	Sqm		
	QTY upto date	0.00	Sqm	2.85	0.00

7	Providing and laying in position bitumen hot sealing compound for expansion joints etc. A) Using grade 'A' sealing compound.		Per cm depth per cm width		
	B/F From page no of TMB	377.93	per m		
	QTY upto date	377.93	length	7.50	2834.48
Total					989215.16
less for Contractor's Percentage(17.12% below)					-169353.64
Total Amount (SCHEDULE -I)					819861.52

Sub Schedule -II					
CA Item No.	Description of Item	Qty	Unit	Rate	Amount
1	Dismantling manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge : A) bituminous Floor				
	B/F from page no of TMB	0.00	Sqm		
	QTY upto date	0.00	Sqm	41.55	0.00
2	Providing and fixing channels for preparing panels of required size and then dewatering of the concrete with vacuum dewatering machine finishing with mechanical trowel with trimix matching (thickness of flooring 75 mm, along with cutting groove joints at appropriate spacing as per direction of engineer in charge (concrete and steel to be paid separately as per relevant item)				
	B/F from page no of TMB	67.24	Cum		
	QTY upto date	67.24	Cum	573.98	38594.42
3	Providing and spreading non-metallic floor hardener minimum @ 4.5kg/sqm in floor concrete (as per manufactures specifications and approved by Engineer-in-charge). Nothing extra shall be payable if manufacture specifies extra quantity.				
	B/F from page no of TMB	892.06	Sqm		
	QTY upto date	892.06	Sqm	96.35	85949.98
Total Amount					124544.40
Adding GST 18% Coefficient (Multiplied by 1.06)					132017.06
Add contractor % @ 2.30% below					-3036.39
Total Amount (SCHEDULE - II)					128980.67
Total Amount (Schedule I + Schedule II)					948842.19

Ex-01	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : a) Cement mortar 1:6 (1 cement : 6 coarse sand)				
	B/F from page no of TMB	3.90	Cum		
	QTY upto date	3.90	Cum	5918.01	23080.24
Ex-02	12 mm cement plaster of mix :a) 1:6 (1 cement: 6 fine sand)				
	B/F from page no of TMB	25.89	Sqm		
	QTY upto date	25.89	Sqm	201.35	5212.95
Ex-03	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. A) Thermo-Mechanically Treated bars of grade Fe-				
	B/F from page no of TMB	1949.65	kg		
	QTY upto date	1949.65	kg	64.01	124797.10
Total Amount					1101932.48
Say					1101932.00

Taxable Amount	933840.00
CGST (9%)	84046.00
SCST (9%)	84046.00

Deductions	
SD	110193.00
IT @ 1%	9338.00
LT @1%	9338.00
Total Deductions	128869.00

Total Deductions	128869.00
Net Payment	973063.00

Certified that

- 1 The work has been done as per CPWD Specifications.
- 2 No water/ Electricity has been supplied to the contractor by the department
- 3 No T & p has been issued to the contractor.
- 4 No Labour complaints received against contractor.
- 5 Less than 10 labours deployed in a single day.
- 6 No Labour complaints received against contractor.

CENTRAL WAREHOUSING CORPORATION								
(A GOVT. OF INDIA UNDERTAKING)								
Name of Work :- Providing and laying VDC Flooring in Godown No. 1 - C at CW Pithampur (M.P.)								
Cement Consumption Statement								
Agency :- M/s Mohan Singh Chouhan, 42, LIC, Housing Board, Civil Lines, Khandwa (M.P.)- 450001.								
Work order No.CWC/A.E.-RO-BPL/VDC-1-C/CW Pithampur/2022-23/18, Date:- 01.03.2023								
CA ItemNo	Description	Qty.	Unit	Coefficient of cement	Unit	Qty. of Cement in Qtl.		Remark
1	P/L CC 1:4:8 CC	67.02	Cum	1.70	Qtl/Cum	113.93	Qtl.	
2	P/L CC 1:1.5:3 RCC	67.24	Cum	4.00	Qtl/Cum	268.96	Qtl.	
Ex-01	Brick work 1:6	3.90	Cum	0.625	Qtl/Cum	2.44	Qtl.	
Ex-02	12mm Cement Plaster 1:6	25.89	Sqm	0.036	Qtl/Sqm	0.93	Qtl.	
Total Quantity						386.26	Qtl.	
						773.00	Bags	

Brought at Site 800 Bags
Issued at site 800 Bags

Contractor

CFE

CENTRAL WAREHOUSING CORPORATION
(A GOVT. OF INDIA UNDERTAKING)

**Name of Work :- Providing and laying VDC Flooring in Godown No. 1 - C at CW
Pithampur (M.P.)**

Steel Consumption Statement						
Agency :- M/s Mohan Singh Chouhan, 42, LIC, Housing Board, Civil Lines, Khandwa (M.P.)- 450001.						
Work order No.CWC/A.E.-RO-BPL/VDC-1-C/CW Pithampur/2022-23/18, Date:- 01.03.2023						
Sr. No. of BIL :- 1st & Final Bill						
S.no	M B Nos.	Page Nos.	6 mm	8 mm	10 mm	Remark
1	CMB-RO-BPL-147	1	1949.65			
Total			1949.65			

Contractor Brought at site

2000 Kg

CENTRAL WAREHOUSING CORPORATION
(A GOVT OF INDIA UNDERTAKING)
Final Deviation Statement

Name of Work :- Providing and laying VDC Flooring in Godown No. 1 - C at CW Pithampur (M.P.)

Agency :- M/s Mohan Singh Chouhan, 42, LIC, Housing Board, Civil Lines, Khandwa (M.P.).- 450001.

Work order No.CWC/A.E.-RO-BPL/VDC-1-C/CW Pithampur/2022-23/18, **Date:-** 01.03.2023

Date of commencement:-01.03.2023 As per work order.

Date of completion :- 15.03.2023

Date of completion :- 14.03.2023 as per actual

Contractor percentage Schedule -I (-) 17.12% and Schedule -II (-) 2.30%

As per AGREEMENT						As per Deviation								
As per AGREEMENT						As per Execution		In Excess			In Saving			
S. No.	Description of work	Qty.	Unit	Rate	Amount	QTY.	Amount	QTY.	Amount	%	QTY.	Amount	%	Remark
	Schedule -I													
1	Providing and laying in position cement													
1.a	1:4:8 (1 Cement : 4 coarse sand derived	66.52	Cum	6326.05	420808.85	67.02	423971.87	0.50	3163.02	0.75	-	0.00	0.00	
2	Providing and laying in position specified	0			0.00									
2.a	1:1½:3 (1 Cement: 1½ coarse sand	72.97	Cum	8364.20	610335.67	67.24	562408.81	-	0.00	0.00	5.73	47926.86	7.85	
3	Steel reinforcement for R.C.C. work	0			0.00									
3.a	Hard drawn steel wire fabric	1766.52	Kg	94.10	166229.53	0.00	0.00	-	0.00	0.00	1766.52	166229.53	100.00	
4	Structural steel work in single section,	657.41	Kg	93.05	61172.00	0.00	0.00	-	0.00	0.00	657.41	61172.00	100.00	
5	Hacking of CC flooring including	86.06	Sqm	2.85	245.27	0.00	0.00	-	0.00	0.00	86.06	245.27	100.00	
6	Dismantling steel work in single sections	0			0.00									
6.a	Channels, angles, tees and flats	321.84	Kg	1.90	611.50	0.00	0.00	-	0.00	0.00	321.84	611.50	100.00	
7	Providing and laying in position bitumen				0.00									
7.a	Using grade 'A' sealing compound.	603.76	cm	7.50	4528.20	377.93	2834.48	-	0.00	0.00	225.83	1693.72	37.40	
	Total				1263931.02		989215.16		3163.02			277878.88		
	Add contractor % @ 17.12% below				-216384.99		-169353.64		-541.51			-47572.86		
	Total Schedule -I				1047546.03		819861.52		2621.51			230306.02		

	Schedule -II													
1	Dismantling manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge :													
1.a	bituminous Floor	886.99	Sqm	44.04	39063.04	0.00	0.00	-	0.00	0.00	886.99	39063.04	100.00	
2	Providing and fixing channels for preparing panels of required size and then	72.97	Cum	608.42	44396.41	67.24	40910.16	-	0.00	0.00	5.73	3486.25	7.85	
3	Providing and spreading non-metallic floor hardener minimum @ 4.5kg/sqm in floor concrete (as per manufactures specifications and approved by Engineer-	973.05	Sqm	102.13	99377.60	892.06	91106.09	-	0.00	0.00	80.99	8271.51	8.32	
Total					182837.05		132016.25		0.00			50820.80		
Add contractor % @ 2.30% below					-4205.25		-3036.37		0.00			-1168.88		
Total Schedule -II					178631.80		128979.88		0.00			49651.92		
Total Amount (Schedule -I + Schedule -II)					1226177.83		948841.40		2621.51			279957.94		
x-01	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : a) Cement mortar 1:6 (1 cement : 6 coarse sand)	0.00	Cum	5918.01	0.00	3.90	23080.24	3.90	23080.24		-	0.00		
x-02	12 mm cement plaster of mix :a) 1:6 (1 cement: 6 fine sand)	0.00	Sqm	201.35	0.00	25.89	5212.95	25.89	5212.95		-	0.00		
x-03	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. A) Thermo-Mechanically Treated bars of grade Fe-500D or more.	0.00	kg	64.01	0.00	1949.65	124797.10	1949.65	124797.10		-	0.00		
					1226177.83		1101931.69		155711.80			279957.94		
Over all deviation in Saving side					Rs. 124246.14				124246.14					

Extra Item Measurement

Name of Work :- Providing and laying VDC Flooring in Godown No. 1 - C at CW Pithampur (M.P.)

Agency :- M/s Mohan Singh Chouhan, 42, LIC, Housing Board, Civil Lines, Khandwa (M.P.)- 450001.

Work order No.CWC/A.E.-RO-BPL/VDC-1-C/CW Pithampur/2022-23/18, Date:- 01.03.2023

Amount of Work :-

S. NO	DESCRIPTION	NO.	L	B	D/H	QTY.	UNIT	Remark
Ex-01	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : a) Cement mortar 1:6 (1 cement : 6 coarse sand)							6.4.2
	Partition Wall G.No. 1 C & B	1	3.00	0.34	3.82	3.90	Cum	
Total Quantity						3.90	Cum	

S. NO	DESCRIPTION	NO.	L	B	D/H	QTY.	UNIT	Remark
Ex-02	12 mm cement plaster of mix :a) 1:6 (1 cement: 6 fine sand)							13.1.2
	Partition Wall G.No. 1 C & B	2	3.05		3.85	23.49	Sqm	
	4 Nos Garage door wall edges	8	1.50	0.20		2.40	Sqm	
Total Quantity						25.89	Sqm	

Ex Item No- 03									
Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. A) Thermo-Mechanically Treated bars of grade Fe-500D or more.									
S.No	DESCRIPTION	No	L	Weight		QTY.	UNIT	Remark	
	For Floor Compartment No.1 C	207	21.30	0.220		970.00	Kg	13.1.2	
		107	41.35	0.220		973.38	Kg		
	G/W Ramp area	7	3.05	0.220		4.70	Kg		
		5	1.43	0.220		1.57	Kg		
c/o to page no of TMB						Total Quantity	1949.65	Kg	

Name of Work :- Providing and laying VDC Flooring in Godown No. 1 - C at CW Pithampur (M.P.)
Agency :- M/s Mohan Singh Chouhan, 42, LIC, Housing Board, Civil Lines, Khandwa (M.P.).- 450001.
Work order No.CWC/A.E.-RO-BPL/VDC-1-C/CW Pithampur/2022-23/18, Date:- 01.03.2023

Amount of Work :-

Revised Extra Item Statement 01

S no	Description of work	Qty	Unit	DSR Rate	Add additional 6% for GST @18% (Coeff. 1.06)	Net Rate after adjusting C.I (-) 15.52% + Contractor percentage (-) 17.12%	AOR	Rate Accepted	Amount	Remark
Ex-01	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : a) Cement mortar 1:6 (1 cement : 6 coarse sand)	3.90	Cum	8288.35	8785.65	5918.01	7384.38	5918.01	23080.24	6.4.2
Ex-02	12 mm cement plaster of mix :a) 1:6 (1 cement: 6 fine sand)	25.89	Sqm	282.00	298.92	201.35	236.91	201.35	5212.95	13.1.2
Ex-03	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. A) Thermo-Mechanically Treated bars of grade Fe-500D or more.	1949.65	kg	89.65	95.03	64.01	93.92	64.01	124797.10	5.22.6
Total Amount									153090.29	

Certificate

1. This Extra item statement contains only 3 items.
2. Rates are net and not subjected to contractor's enhancement / abatement
3. Rate paid are as per prevailing Market rate. Analysis of Market rate has been attached with extra item statement
4. No undue advantage given to contractor

Market Rate Analysis of Extra Items

	12 mm cement plaster of mix : 1:6 (1 cement: 6 fine sand)				
13.1.2	1:6 (1 cement: 6 fine sand)				
Code	Description	Unit	Quantity	Rate	Amount
	Detail of cost for 10 sqm				
	MATERIAL				
	Cement mortar 1 : 6 (1 cement : 6 fine sand)				
	Rate as per Item Number 3.6 of S	cum	0.144	2881.70	414.96
	LABOUR				0.00
	Mason (average)	day	0.67	575.00	385.25
	Coolie	day	0.75	450.00	337.50
	Bhisti	day	0.92	550.00	506.00
	Scaffolding and sundries	L.S.	12.61	2.12	26.73
TOTAL					1670.44
Add 1 % Water charges					16.70
TOTAL					1687.14
add GST (Multiplying factor 0.1405) (on X)					237.04
TOTAL					1924.18
Add 15 % Contractor's profit and overheads					288.63
TOTAL					2212.81
			Add Cess @ 1%		22.13
Cost for 10 sqm.					2234.94
			Cost for 1 sqm.		223.49
			Say		Rs.223.50
Adding GST 18% Coefficient (Multiplied by 1.06)					Rs.236.91

3.6	Cement mortar 1:6 (1 cement : 6 fine sand).				
Code	Description	Unit	Qty	Rate	Amount
	Details of cost for 1 cum				
	<u>MATERIAL</u>				
	(0.178 cum. of cement = 0.25 tonne) Cement				
	required for cement mortar is 17.80%				
	Portland Cement	tonne	0.25	5400.00	1350.00
	Carriage of Cement	tonne	0.25		0.00
	Fine sand (zone IV)	cum	1.07	1000.00	1070.00
	Carriage of Fine sand (1 part badarpur sand :				0.00
	2 parts jamuna sand)		cum	1.07	0.00
	<u>LABOUR</u>				0.00
	For measuring, carrying, depositing and mixing-				0.00
	Beldar	day	0.75	450.00	337.50
	Bhisti	day	0.07	550.00	38.50
	Hire and running charges of mecha	L.S.	26.91	2.12	57.05
	Sundries	L.S.	13.52	2.12	28.66
Cost of 1.00 cum					2881.71
Say					2881.70

6.4	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5				
6.4.2	Cement mortar 1:6 (1 cement : 6 coarse sand)				
Code	Description	Unit	Qty	Rate	Amount
	Details of cost for 1 cum				
	<u>MATERIAL</u>				
	Common burnt clay F.P.S. (non modular)				
	bricks class designation 7.5	1000 Nos	0.494	5000.00	2470.00
	Cement mortar 1 : 6				0.00
	Rate as per Item Number 3.11 of SI	cum	0.25	2881.70	720.43
	Carriage of Bricks	1000 Nos	0.494		0.00
	Sundries	L.S.	2.73		0.00
	<u>LABOUR</u>				0.00
	Mason (brick layer) 1st class	day	0.47	600.00	282.00
	Mason (brick layer) 2nd class	day	0.47	550.00	258.50
	Coolie	day	1.80	450.00	810.00
	Bhisti	day	0.20	550.00	110.00
	Scaffolding	L.S.	22.36	2.12	47.40
	Extra labour element required for lifting of				0.00
	materials (above floor two level upto floor				0.00
	five level)				0.00
	Coolie	day	1.13	450.00	508.50
TOTAL					5206.83
Add 1 % Water charges					52.07
TOTAL					5258.90
Add GST (Multiplying factor 0.1405)					738.88
TOTAL					5997.78
Add 15 % Contractor's profit and overheads					899.67
TOTAL					6897.45
Add 1% Cess					68.97
Cost of 1 Cum.					6966.42
Say					Rs.6,966.40
Adding GST 18% Coefficient (Multiplied by 1.06)					Rs.7,384.38

3.11 Cement mortar 1:6 (1 cement : 6 coarse sand).					
Code	Description	Unit	Qty	Rate	Amount
	Details of cost for 1 cum				
	MATERIAL				
	(0.178 cum. of cement = 0.25 tonne) Cement				
	required for cement mortar is 17.80%				
	Portland Cement	tonne	0.25	5400.00	1350.00
	Carriage of Cement	tonne	0.25		0.00
	Coarse sand (zone III)	cum	1.07	1000.00	1070.00
	Carriage of Coarse sand	cum	1.07		0.00
	LABOUR				0.00
	For measuring, carrying, depositing and mixing-				0.00
	Beldar	day	0.75	450.00	337.50
	Bhisti	day	0.07	550.00	38.50
	Hire and running charges of mecha		26.91	2.12	57.05
	Sundries	L.S.	13.52	2.12	28.66
	Cost of 1.00 cum				2881.71
	Say				2881.70

5.22.6	Thermo-Mechanically Treated bars of grade Fe-500D or more.				
Code	Description	Unit	Quantity	Rate Rs.	Amount Rs.
	Details of cost for 1 quintal-				
	MATERIAL				
	Deformed twisted steel bars = 1.00 q				
	Wastage 5% = 0.05 q				
	Total =1.05q				
	Twisted steel / deformed bars	quintal	1.05	5200.00	5460.00
	Carriage of steel 1.05/10 = 0.105t	tonne	0.105		0.00
	Cover block	L.S.	26.00	2.12	55.12
	LABOUR				0.00
	For straightening, cutting, bending, binding and placing in				0.00
	position-				0.00
	Blacksmith 1st class	day	1.00	600.00	600.00
	Beldar	day	1.00	450.00	450.00
	Sundries and binding wire	L.S.	26.91	2.12	57.05
	TOTAL				6622.17
	Add 1 % Water charges on "W"				66.22
	TOTAL				6688.39
	Add GST on "X" (multiplying factor 0.1405)				939.72
	TOTAL				7628.11
	Add 15% CPOH on				1144.22
	TOTAL				8772.33
	Add Cess @ 1% on "Z"				87.72
	Cost of one quintal				8860.05
	Cost of 1 Kg.				88.60
	Say				Rs.88.60

Adding GST 18% Coefficient (Multiplied by 1.06)

Rs.93.92

Market Rate Analysis of Extra Items

Name of Work :- Providing and laying VDC Flooring in Godown No. 1 - C at CW Pithampur (M.P.)				
MARKET RATE OF MATERIALS AND LABOUR AT PITHAMPUR MARKET				
Sl. No.	Name of Material	Unit		Rate
1	Cement (PPC)	MT	Rs.	5400.00
2	Coarse sand	Cum.	Rs.	1000.00
3	Common burnt clay F.P.S. Brick	1000Nos	Rs.	5000.00
4	Steel reinforcement	Quintal	Rs.	5200.00

Sl. No.	Name of Labour	Unit		Rate
1	Mason 1st Class/Black smith 1st class carpenter 1st class/fitter 1st class/mistri	per day	Rs.	600.00
2	Mason 2nd Class/Black smith 2nd class carpenter st class/Painter 2nd class/bhisti	per day	Rs.	550.00
3	Belder/coolie/Bandhani/Mate/Chowkidaar	per day	Rs.	450.00

Certified that the market rates considered in the Estimate are as per prevailing lowest rates at Pithampur which has been verified in the market and are Exclusive of GST

Contractor

FORTNIGHTLY LABOUR REPORT

PERIOD FROM:01/03/2023

TO: 15/03/2023

Name of Work :- Providing and laying VDC Flooring in Godown No. 1 - C at CW

Work order No.CWC/A.E.-RO-BPL/VDC-1-C/CW Pithampur/2022-23/18, Date:- 01.03.2023

Agency :- M/s Mohan Singh Chouhan, 42, LIC, Housing Board, Civil Lines, Khandwa (M.P.)- 450001.

S.No.	Description	Skilled	Unskilled	Total
1	No. of persons employed	15	25	40
2	No. of accidents took place	Nil	Nil	Nil
3	No. of female workers employed and allowed maternity benefit	Nil	Nil	Nil
4	Wages(Total) for the fortnight	9750	12500	22250

Verified

Contractor

CFE

FORM XVI
[(See Rule 78 (2) (a))]
MUSTER ROLL

Name & Address of Contractor: M/s Mohan Singh Chouhan, 42, LIC, Housing Board, Civil Lines, Khandwa (M.P.).- 450001.

Name & Address of establishment under which contract is carried on: Central Warehousing Corporation, RO Bhopal

Nature & Location of Work: :- Providing and laying VDC Flooring in Godown No. 1 - C at CW Pithampur (M.P.)

Name & Address of Principal Employer: - CWC

For the month : March 2023

Sl. No.	Name of workman	Sex	Father's/Husband's Name	Dates					Remarks
				1	2	3	4	5	
1	2	3	4	5					6
1	Pankaj Sapkale	Male	Satyapraksha Sapkale	As and When Required at site					

verified

Contractor