



SINDH MADRESSATUL ISLAM UNIVERSITY

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NO. SMIU/PC/MC/ Pack-2 (RW)/Re-Tend/2022/50

Date: 25th May, 2022

Say No To Corruption

RE-TENDER NOTICE

Kill Corruption

Sealed bids are invited on standard bidding documents (SBDs) from interested contractors/firms for the following work. The tender shall be based on the single stage – Two envelope procedure under Rule No 46 (2) of SPPRA-Rules 2010 (Amended-2019/updated). The bidders should submit two separate sealed envelopes, one envelope should contain Technical Proposal and other envelope should contain the Financial Proposal. Both envelopes should be clearly marked technical Proposal and Financial Proposal.

S.No.	Name of Work	Bid Security	Estimated Cost (Rs. In Millions)	Tender Fee	Time for Completion
1.	Development of Sindh Madressatul Islam University (SMIU) Campus at Education City Malir, Karachi (Lot #2, Admin. Block & Common Facilities and Lot #3, Male & Female Students Hostel) Remaining Works.	2% of Bid Price	728.009 (M)	Rs. 10,000/-	15 Months

Terms & Conditions:

- 1- Tender documents can be obtained against the written request on company letter head along with Proprietor's CNIC copy/authorized nominee/PEC/NTN & SRB from the office of the Project Coordinator, Malir campus, Sindh Madressatul Islam University, Main Campus, Aiwan-e-Tijarat Road behind Habib Bank Plaza, Karachi with a Pay Order / Demand Draft as Tender Fee mentioned above (Non-Refundable) in favour of **Sindh Madressatul Islam University, Karachi** on any working day during office hours from **Tuesday, 7th June-2022** to **Tuesday, 21st June - 2022** and can be downloaded from SPPRA website: www.pprms.pprasinhd.gov.pk and SMI University website: www.smiu.edu.pk
- 2- The filled Sealed Tenders will be received back on **Wednesday, 22nd . June- 2022 by 14:30 hours** at the **Conference Room No. 02, First Floor Main building at Sindh Madressatul Islam University, Aiwan-e- Tijarat Road Behind Habib Bank Plaza, Karachi** and will be opened on same day at **15:00 hours** before the Procurement Committee and the bidders or their authorized representatives who wish to be present. After completion of Technical Proposals, Financial Proposals will be opened before the technically qualified bidders and they will be informed about date and time in due course of time through their e mail addresses and by courier service accordingly.
- 3- **Mandatory Requirement:**
 - a. Valid registration with Pakistan Engineering Council (PEC) category C-2 or above in the relevant field of specialization of work in CE 01, CE09, CE10, EE01, EE02, EE04, EE05, EE07 and ME02.
 - b. Registration with Sindh Revenue Board (SRB) Government of Sindh with STN Certificate with activated status.
 - c. Registration with Income tax department (NTN certificates) with activated status in Federal Board of Revenue.
- 4- **Eligibility Criteria:**
As per Appendix-M to Bid in Condition of Contract Volume-I.
- 5- Bid Validity Period is 90 days.
- 6- The earnest money at the rate of 2% of bid price should be submitted along with Bid in shape of Call Deposit or Pay order or Demand Draft or a Bank Guarantee issued by a scheduled bank in Pakistan or from foreign bank duly guaranteed by a schedule bank in Pakistan in favour of **Sindh Madressatul Islam University, Karachi**. The Bid Security shall be placed in an **Envelope of Financial Bid/Proposal and Not in Technical Bid/Proposal**.

PTO

- 7- Conditional bid and bid **without earnest money** shall not be considered.
- 8- Bids must be offered on the prescribed bidding documents issued by Sindh Madressatul Islam University (SMIU), Karachi or downloaded from SPPRA/SMIU website.
- 9- In case of downloading the tender documents from SPPRA or SMIU website, the tender fee is required to be submitted along with the bid.
- 10- Procuring Agency reserves the right to reject all or any bids subject to the relevant provisions of SPPRA Rules-2010 (amended up to date).
- 11- In case any unforeseen situation resulting in closure of office on the date of opening or if Government declares Holiday, the tender shall be submitted/opened on the next working day at the same time and venue.


Project Coordinator
Malir Campus, SMIU,
Karachi.

کریشن ناسور سے

بدعنوانی گھنٹیو، پاکستان وڈایو

SINDH MADRESSATUL ISLAM UNIVERSITY

CORRIGENDUM/ADDENDUM NO. 1

Issued on JUNE 13, 2022.

WORKS: DEVELOPMENT OF SINDH MADRESSATUL ISLAM UNIVERSITY (SMIU) CAMPUS AT EDUCATION CITY MALIR, KARACHI (LOT #2, ADMIN. BLOCK & COMMON FACILITIES AND LOT #3, MALE & FEMALE STUDENTS HOSTEL) REMAINING WORKS

Notice No: SMIU/PC/MC/Pack-2 (RW)/Re-Tend/2022/50 dated 25th May 2022

SUBJECT: CORRIGENDUM/ADDENDUM No. 1

THE FOLLOWING DETAILS IN THIS CORRIGENDUM/ADDENDUM FORM PART OF THE TENDER DOCUMENTS FOR SUBJECT WORKS AND SHALL SUBSEQUENTLY BECOME A PART OF THE CONTRACT DOCUMENTS.

1. The rates of schedule items in the Bill of Quantities of Male Student Hostel building Super Structure Works has been corrected as per PWD Schedule-2022. Consequently, the Engineer's Estimates for the subject works enhanced to **Rs.751.750 M.**
2. The Pre-bid meeting shall now be held on **22nd June 2022** at the same venue as mentioned in the Notice.
3. The last date for obtaining tender documents has been extended from 21st June 2022 to **28th June 2022.**
4. Consequently, sealed bids shall now be received on **29th June 2022 at 1430 hours** at conference room No.2, First Floor Main Building at Sindh Madressatul Islam University, Aiwan-e-Tijarat Road Behind Habib Bank Plaza, Karachi and shall be opened on the same date at **1500 hours** before the procurement committee of SMIU and bidder's authorized representatives who may wish to be present.

Attachments to this corrigendum/Addendum:-

1. Corrected Pages (1 to 6) of Bill of Quantities of Male Student Hostel building.

Reference: Re-Tender Notice Published in Daily Dawn, Daily Jang, Karachi and Daily Kawish, Hyderabad dated 4th June 2022 vide INF.KRY.NO.2582/2022.

END OF CORRIGENDUM/ADDENDUM NO.1



S.No	Description	Package-2
		Amount (Rs.)
A - SCHEDULE ITEM		
1	EARTH WORKS	2,612,125
2	SUB STRUCTURE	11,205,641
3	SUPER STRUCTURE	44,283,160
4	MASONRY WORKS	10,825,073
5	THERMAL & MOISTURE PROTECTION	957,677
6	METAL WORKS	10,437,726
7	WOOD WORKS	7,799,942
8	FLOOR FINISHES	11,700,667
9	WALL FINISHES	15,674,890
10	CEILING FINISHES	2,788,800
11	EXTERNAL FINISHES (BUILDING)	14,242,019
12	EXTERNAL FINISHES OTHER THAN BUILDING (NON COVERED AREA)	194,065
Total of Schedule Items - A Premium on Items of PWD Schedule-2022		132,721,785
Total of Schedule Items - A		
B NON-SCHEDULE ITEM		
1	EARTH WORKS	
2	SUB STRUCTURE	
3	SUPER STRUCTURE	
4	MASONRY WORKS	
5	THERMAL & MOISTURE PROTECTION	
6	METAL WORKS	
7	WOOD WORKS	
8	FLOOR FINISHES	
9	WALL FINISHES	
10	CEILING FINISHES	
11	EXTERNAL FINISHES (BUILDING)	
12	EXTERNAL FINISHES OTHER THAN BUILDING (NON COVERED AREA)	
Total of Non-Schedule Items - B		
TOTAL CARRIED TO GRAND SUMMARY (A+B)		



S.No	PWD Schedule 2022 Ref.No	Description	Qty	Unit (Sch. Rate)	Package-2	
					Rate (RS)	Amount (RS)
3		SUPER STRUCTURE Note: All RCC Concrete will be used only Ready mixed.				
		REINFORCED CONCRETE WORKS				
3.1	Code -114 Item # 4+135+138	Providing and laying reinforced cement concrete with using crushed graded boulders 3/4" inch (19 mm) and down gauge having a minimum works cube crushing strength of 4500 lbs. per sq. inch (31.04 N/mm ² at 28 days) with a mix not leaner than 1:1:2 in columns of square or rectangular shape of regular section including form work and its removal, compacting and curing etc. but excluding the cost of reinforcement, in the ground floor etc. complete in all respects as per drawing, standard specifications and as directed by the Engineer.				
		Columns (Cylindrical Strength 4000 Psi)				
	Item # 24+135+138	Ground Floor	0 Cft	100 Cft	64,028.94	-
	Item # 24+135+138+92	First Floor	0 Cft	100 Cft	66,840.80	-
	Item # 24+135+138+92+93	Second Floor	0 Cft	100 Cft	69,051.39	-
	Item # 24+135+138+92+93+93	Roof	0 Cft	100 Cft	71,261.98	-
3.2	Code -114	Providing and laying reinforced cement concrete with using crushed graded boulders 3/4" inch (19 mm) and down gauge having a minimum works cube crushing strength of 3750 lbs. per sq. inch (25.86 N/mm ² at 28 days) with a mix not leaner than 1:1-1/2:3 in columns of square or rectangular shape of regular section including form work and its removal, compacting and curing etc. but excluding the cost of reinforcement, in the ground floor etc. complete in all respects as per drawing,, standard specifications and as directed by the Engineer.				
		Columns (Cylindrical Strength 3125 Psi)				
	Item # 24+134+137	Ground Floor	1934 Cft	100 Cft	56,426.81	1,091,295
	Item # 24+134+137+92	First Floor	1892 Cft	100 Cft	59,238.27	1,120,788
	Item # 24+134+137+92+93	Second Floor	2717 Cft	100 Cft	61,448.86	1,669,566
	Item # 24+134+137+92+93+93	Roof	436 Cft	100 Cft	63,659.45	277,555



S.No	PWD Schedule 2022 Ref.No	Description	Qty	Unit (Sch. Rate)	Package-2	
					Rate (RS)	Amount (RS)
3.3	Code -114	Providing and laying reinforced cement concrete with using crushed graded boulders 3/4" inch (19 mm) and down gauge having a minimum works cube crushing strength of 4500 lbs. per sq. inch (31.04 N/mm ² at 28 days) with a mix not leaner than 1:1:2 in straight walls more than 6 inches (152 mm) thick including form work and its removal, compacting and curing etc. but excluding the cost of reinforcement, in foundation basement and plinth etc. complete in all respects as per drawing, standard, specifications and as directed by the Engineer.				
	Item # 30+135+138	RCC Wall / Shear Wall (Cylindrical Strength 4000 Psi) Ground Floor	0 Cft	100 Cft	58,813.05	-
	Item # 30+135+138+92	First Floor	0 Cft	100 Cft	61,624.51	-
	Item # 30+135+138+92+93	Second Floor	0 Cft	100 Cft	63,835.10	-
	Item # 30+135+138+92+93+93	Roof	0 Cft	100 Cft	66,045.69	-
Total Carried to Collection						4,159,203
3.4	Code -114	Providing and laying reinforced cement concrete with using crushed graded boulders 3/4" inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq. inch (20.69 N/mm ² at 28 days) with a mix not leaner than 1:2:4 in straight beams lintels cantilever beams of required shape or section including form work and its removal, compacting and curing etc. but excluding the cost of reinforcement, in basement and ground floor etc. complete in all respects as per drawing, standard, specifications and as directed by the Engineer.				
	Item # 38+136	Beams /Arches/ purdi / bracing / lintels / nibs / sills / coping / parapet wall /bands/around opening and projections (Cylindrical Strength 2500 Psi) Ground Floor	1707 Cft	100 Cft	47,322.89	807,802
	Item # 38+136+92	First Floor	2878 Cft	100 Cft	50,134.35	1,442,867
	Item # 38+136+92+93	Second Floor	2909 Cft	100 Cft	52,344.94	1,522,714
	Item # 38+136+92+93+93	Roof	180 Cft	100 Cft	54,555.53	98,200



S.No	PWD Schedule 2022 Ref.No	Description	Qty	Unit (Sch. Rate)	Package-2	
					Rate (RS)	Amount (RS)
1	2	3	4		11	12
3.5	Code-114	Providing and laying reinforced cement concrete with using crushed graded boulders 3/4" inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq. inch (20.69 N /mm ² at 28 days) with a mix not leaner than 1:2:4 in ordinary slab more than 6 inches (152 mm) thick including form work and its removal compacting and curing etc. complete but excluding the cost of reinforcement, in basement and ground floor etc. complete in all respects as per drawing, standard, specifications and as directed by the Engineer.				
		Slab i/c projections (Cylindrical Strength 2500 Psi)				
	Item # 57+136	Ground Floor	3993 Cft	100 Cft	43,716.64	1,745,605
	Item # 57+136+92	First Floor	766 Cft	100 Cft	46,528.10	356,405
	Item # 57+136+92+93	Second Floor	892 Cft	100 Cft	48,738.69	434,749
	Item # 57+136+92+93+93	Roof	0 Cft	100 Cft	50,949.28	-
Total Carried to Collection						6,408,342
3.6	Code-114	Providing and laying reinforced cement concrete with using crushed graded boulders 3/4" inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq. inch (20.69 N /mm ² at 28 days) with a mix not leaner than 1:2:4 in straight stairs and landing of required section including form work and its removal, compacting and curing etc. complete but excluding the cost of reinforcement, in basement plinth and ground floor etc. complete in all respects as per drawing, standard, specifications and as directed by the Engineer.				
		Stair Case / steps /seats (Steps, Landing & Waist slab) (Cylindrical Strength 2500 Psi)				
	Item # 50+136	Ground Floor	182 Cft	100 Cft	57,830.03	105,251
	Item # 50+136+92	First Floor	371 Cft	100 Cft	60,641.49	224,980
	Item # 50+136+92+93	Second Floor	371 Cft	100 Cft	62,852.08	233,181



S.No	PWD Schedule 2022 Ref.No	Description	Qty	Unit (Sch. Rate)	Package-2	
					Rate (RS)	Amount (RS)
3.7	Code-114	Providing and laying reinforced cement concrete with using crushed graded boulders 3/4" inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq. Inch (20.69 N /mm 2 at 28 days) with a mix not leaner than 1:2:4 in a square of rectangular bottom slab of over head water tank up to a height of 30 feet (9 m) above ground including form works and its removal, compacting and curing etc. complete but excluding the cost of reinforcement .etc. complete in all respects as per drawing, standard , specifications and as directed by the Engineer.				
	Item # 114+136+(127x3).	OH Water Tank Bottom Slab (Cylindrical Strength 2500 Psi)	162 Cft	100 Cft	65,270.28	105,738
3.8	Code-114	Providing and laying reinforced cement concrete with using crushed graded boulders 3/4" inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq. Inch (20.69 N /mm 2 at 28 days) with a mix not leaner than 1:2:4 in straight walls in over head water tank bins, bunkers, intze tanks and silo up to a height of 30 feet (9 m) above ground including form works and its removal, compacting and curing etc. complete but excluding the cost of reinforcement etc. complete in all respects as per drawing, standard , specifications and as directed by the Engineer.				
	Item # 112+136+(127x3).	OH Water Tank Walls (Cylindrical Strength 2500 Psi)	200 Cft	100 Cft	68,265.97	136,532
Total Carried to Collection						805,682
3.9	Code-114	Providing and laying reinforced cement concrete with using crushed graded boulders 3/4" inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq. Inch (20.69 N /mm 2 at 28 days) with a mix not leaner than 1:2:4 in roof slab of over head water tank up to a height of 30 feet (9 m) above ground including form works and its removal, compacting and curing etc. complete but excluding the cost of reinforcement.etc. complete in all respects as per drawing, standard , specifications and as directed by the Engineer.				
	Item # 118+136+(127x3).	OH Water Tank Top Slab (Cylindrical Strength 2500 Psi)	116 Cft	100 Cft	59,662.68	69,209



S.No	PWD Schedule 2022 Ref.No	Description	Qty	Unit (Sch. Rate)	Package-2	
					Rate (RS)	Amount (RS)
3.10	Code -114	Providing & laying reinforced cement concrete with using crushed graded boulders 3/4" (19mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq. inch (20.69 N/mm ² at 28 days) with a mix not leaner than 1:2:4 in ordinary slab 5 inches (127 mm) to 6 inches (152 mm) thick including formwork & its removal compacting & curing etc. but excluding the cost of reinforcement in basement plinth & ground floor etc. complete in all respects as per drawings standards specifications and as directed by the Engineer.				
	Item # 56+136	Slab i/c projections (Cylindrical Strength 2500 Psi) Ground Floor	2876 Cft	100 Cft	45,586.77	1,311,076
	Item # 56+136+92	First Floor	5540 Cft	100 Cft	48,398.23	2,681,262
	Item # 56+136+92+93	Second Floor	5540 Cft	100 Cft	50,608.82	2,803,729
	Item # 56+136+92+93+93	Roof	419 Cft	100 Cft	52,819.41	221,313
3.11	Code -114	Providing and laying hard grade ribbed deformed (minimum yield point 60,000 psi or 414 Mpa) reinforcement bars with & including the cost of straightening, cutting, bending, binding, wastage, and such overlaps as are not shown in the drawings, placing in position on cement concrete 1:2:4 precast or Ms. chairs, tying with binding wire, cost of chairs and wires etc. in all kinds of RCC work in foundation, basement, plinth and ground floor of building including septic tanks and under ground tanks and in projections for future extension.etc. complete in all respects as per drawing, standard specifications and as directed by the Engineer. (Bars to be cut and placed in position at any level according to the Bar bending schedule prepared by the contractor and approved by the Engineer).				
	Item # 166	Ground Floor	15315 Kg	Kg	254.51	3,897,821
	Item # 166+174	First Floor	34016 Kg	Kg	258.95	8,808,443
	Item # 166+174+175	Second Floor	43408 Kg	Kg	263.39	11,433,233
	Item # 166+174+175+175	Roof	6287 Kg	Kg	267.83	1,683,847
Total Carried to Collection						32,909,933
		COLLECTION				
		Page No -7				4,159,203
		Page No -8				6,408,342
		Page No -9				805,682
		Total from this Page				32,909,933
Total Carried to Summary						44,283,160



SINDH MADRESSATUL ISLAM UNIVERSITY

CORRIGENDUM NO. 2

Issued on JUNE 14, 2022.

WORKS: DEVELOPMENT OF SINDH MADRESSATUL ISLAM UNIVERSITY (SMIU) CAMPUS AT EDUCATION CITY MALIR, KARACHI (LOT #2, ADMIN. BLOCK & COMMON FACILITIES AND LOT #3, MALE & FEMALE STUDENTS HOSTEL) REMAINING WORKS

Notice No: SMIU/PC/MC/Pack-2 (RW)/Re-Tend/2022/50 dated 25th May 2022

SUBJECT: CORRIGENDUM No. 2

THE FOLLOWING DETAILS IN THIS CORRIGENDUM FORM PART OF THE TENDER DOCUMENTS FOR SUBJECT WORKS AND SHALL SUBSEQUENTLY BECOME A PART OF THE CONTRACT DOCUMENTS.

1. Some rates of schedule items in the Bill of Quantities of all buildings has been corrected as per PWD Schedule-2022. Consequently, the Engineer's Estimates for the subject works enhanced to **Rs.765.751 M.**

Note: Similar pages/items in the original Bill of Quantities and last issued Addendum/Corrigendum No.1 shall substitute by the pages/items of this Corrigendum.

Attachments to this Corrigendum:-

1. Corrected Pages (1 to 13) of Bill of Quantities.

Reference: Re-Tender Notice Published in Daily Dawn, Daily Jang, Karachi and Daily Kawish, Hyderabad dated 4th June 2022 vide INF.KRY.NO.2582/2022.

END OF CORRIGENDUM NO.2

BILL OF QUANTITIES

S.No	Description	Package-2
		Amount (Rs.)
A	SCHEDULE ITEM	
1	EARTH WORKS	2,188,348
2	SUB STRUCTURE	14,131,637
3	SUPER STRUCTURE	67,934,610
4	MASONRY WORKS	9,335,037
5	THERMAL & MOISTURE PROTECTION	1,177,901
6	METAL WORKS	8,981,800
7	WOOD WORKS	5,710,825
8	FLOOR FINISHES	8,596,644
9	WALL FINISHES	12,412,868
10	CEILING FINISHES	2,849,367
11	EXTERNAL FINISHES (BUILDING)	7,729,418
12	EXTERNAL FINISHES OTHER THAN BUILDING (NON COVERED AREA)	427,640
	Total of Schedule Items	141,476,095
	Premium on Items of PWD Schedule-2022	
	Total of Schedule Items With Premium - A	
B	NON-SCHEDULE ITEM	
1	EARTH WORKS	
2	SUB STRUCTURE	
3	SUPER STRUCTURE	
4	MASONRY WORKS	
5	THERMAL & MOISTURE PROTECTION	
6	METAL WORKS	
7	WOOD WORKS	
8	FLOOR FINISHES	
9	WALL FINISHES	
10	CEILING FINISHES	
11	EXTERNAL FINISHES (BUILDING)	
12	EXTERNAL FINISHES OTHER THAN BUILDING (NON COVERED AREA)	
	Total of Non-Schedule Items - B	
	TOTAL CARRIED TO GRAND SUMMARY (A+B)	

BILL OF QUANTITIES

S.No	PWD Schedule 2022 Ref.No	Description	Qty	Unit (Sch. Rate)	Package-2	
					Rate (RS)	Amount (RS)
1	2	3	4	5	6	7
3.8	Code -114	Providing and laying reinforced cement concrete with using crushed graded boulders 3/4" inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq. inch (20.69 N /mm ² at 28 days) with a mix not leaner than 1:2:4 in roof slab of over head water tank up to a height of 30 feet (9 m) above ground including form works and its removal, compacting and curing etc. complete but excluding the cost of reinforcement.etc. complete in all respects as per drawing, standard , specifications and as directed by the Engineer.				
3.9	Item # 118+136+(127x2), Code -114	OH Water Tank Top Slab (Cylindrical Strength 2500 Psi) Providing and laying hard grade ribbed deformed (minimum yield point 60,000 psi or 414 Mpa) reinforcement bars with & including the cost of straightening, cutting, bending, binding, wastage, and such overlaps as are not shown in the drawings, placing in position on cement concrete 1:2:4 precast or Ms. chairs, tying with binding wire, cost of chairs and wires etc. in all kinds of RCC work in foundation, basement, plinth and ground floor of building including septic tanks and under ground tanks and in projections for future extension.etc. complete in all respects as per drawing, standard , specifications and as directed by the Engineer. (Bars to be cut and placed in position at any level according to the Bar bending schedule prepared by the contractor and approved by the Engineer).	64 Cft	100 Cft	57,678.88	36,914
	Item # 166	Ground Floor	59114 Kg	Kg	282.45	16,696,749
	Item # 166+174	First Floor	52248 Kg	Kg	286.89	14,989,429
	Item # 166+174+175	Second Floor	43699 Kg	Kg	291.33	12,730,830
	Item # 166+174+175 +175	Roof	4925 Kg	Kg	295.77	1,456,667
Total Carried to Collection						45,910,589
		COLLECTION				
		Page No -7				7,992,989
		Page No -8				12,905,538
		Page No -9				1,125,494
		Total from this Page				45,910,589
Total Carried to Summary						67,934,610

BILL OF QUANTITIES

S.No	Description	Package-2
		Amount (Rs.)
A SCHEDULE ITEM		
1	EARTH WORKS	319,938
2	SUB STRUCTURE	6,508,895
3	SUPER STRUCTURE	5,369,199
4	MASONRY WORKS	829,261
5	THERMAL & MOISTURE PROTECTION	186,812
6	METAL WORKS	1,238,437
7	WOOD WORKS	467,016
8	FLOOR FINISHES	594,935
9	WALL FINISHES	480,735
10	CEILING FINISHES	169,545
11	EXTERNAL FINISHES (BUILDING)	498,373
12	EXTERNAL FINISHES OTHER THAN BUILDING (NON COVERED AREA)	731,481
Total of Schedule Items		17,394,626
Premium on Items of PWD Schedule-2022		
Total of Schedule Items with Premium - A		
B NON-SCHEDULE ITEM		
1	EARTH WORKS	
2	SUB STRUCTURE	
3	SUPER STRUCTURE	
4	MASONRY WORKS	
5	THERMAL & MOISTURE PROTECTION	
6	METAL WORKS	
7	WOOD WORKS	
8	FLOOR FINISHES	
9	WALL FINISHES	
10	CEILING FINISHES	
11	EXTERNAL FINISHES (BUILDING)	
12	EXTERNAL FINISHES OTHER THAN BUILDING (NON COVERED AREA)	
Total of Non-Schedule Items - B		
TOTAL CARRIED TO GRAND SUMMARY (A+B)		

BILL OF QUANTITIES

S.No	PWD Schedule 2022 Ref.No	Description	Qty	Unit (Sch. Rate)	Package-2	
					Rate (RS)	Amount (RS)
1	2	3	4		11	12
3.6	Code -114	Providing and laying reinforced cement concrete with using crushed graded boulders 3/4" inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq. inch (20.69 N /mm ² at 28 days) with a mix not leaner than 1:2:4 in roof slab of over head water tank up to a height of 30 feet (9 m) above ground including form works and its removal, compacting and curing etc. complete but excluding the cost of reinforcement.etc. complete in all respects as per drawing, standard , specifications and as directed by the Engineer.				
3.7	Item # 118+136 Code -114	OH Water Tank Top Slab (Cylindrical Strength 2500 Psi) Providing and laying hard grade ribbed deformed (minimum yield point 60,000 psi or 414 Mpa) reinforcement bars with & including the cost of straightening, cutting, bending, binding, wastage, and such overlaps as are not shown in the drawings, placing in position on cement concrete 1:2:4 precast or Ms. chairs, tying with binding wire, cost of chairs and wires etc. in all kinds of RCC work in foundation, basement, plinth and ground floor of building including septic tanks and under ground tanks and in projections for future extension.etc. complete in all respects as per drawing, standard , specifications and as directed by the Engineer. (Bars to be cut and placed in position at any level according to the Bar bending schedule prepared by the contractor and approved by the Engineer).	14 Cft	100 Cft	53,711.28	7,520
	Item # 166	Ground Floor	13119 Kg	Kg	282.45	3,705,462
Total Carried to Collection						3,712,982
		COLLECTION				
		Page No -7				1,605,095
		Page No -8				51,122
		Total from this Page				3,712,982
Total Carried to Summary						5,369,199

BILL OF QUANTITIES

S.No	Description	Package-2
		Amount (Rs.)
A	SCHEDULE ITEM	
1	EARTH WORKS	968,463
2	SUB STRUCTURE	25,093,544
3	SUPER STRUCTURE	62,602,709
4	MASONRY WORKS	3,818,678
5	THERMAL & MOISTURE PROTECTION	843,286
6	METAL WORKS	4,482,227
7	WOOD WORKS	2,363,480
8	FLOOR FINISHES	9,646,568
9	WALL FINISHES	7,103,166
10	CEILING FINISHES	2,753,660
11	EXTERNAL FINISHES (BUILDING)	3,727,806
12	EXTERNAL FINISHES OTHER THAN BUILDING (NON COVERED AREA)	17,021
	Total of Schedule Items Premium on Items of PWD Schedule-2022	123,420,608
	Total of Schedule Items with Premium - A	
B	NON-SCHEDULE ITEM	
1	EARTH WORKS	
2	SUB STRUCTURE	
3	SUPER STRUCTURE	
4	MASONRY WORKS	
5	THERMAL & MOISTURE PROTECTION	
6	METAL WORKS	
7	WOOD WORKS	
8	FLOOR FINISHES	
9	WALL FINISHES	
10	CEILING FINISHES	
11	EXTERNAL FINISHES (BUILDING)	
12	EXTERNAL FINISHES OTHER THAN BUILDING (NON COVERED AREA)	
	Total of Non-Schedule Items - B	
	TOTAL CARRIED TO GRAND SUMMARY (A+B)	

S.No	PWD Schedule 2022 Ref.No	Description	Qty	Unit (Sch. Rate)	Package-2	
					Rate (RS)	Amount (RS)
1	2	3	4	5	11	12
3.10	Code -114	Providing and laying reinforced cement concrete with using crushed graded boulders 3/4" inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq. inch (20.69 N /mm ² at 28 days) with a mix not leaner than 1:2:4 in roof slab of over head water tank up to a height of 30 feet (9 m) above ground including form works and its removal, compacting and curing etc. complete but excluding the cost of reinforcement.etc. complete in all respects as per drawing, standard , specifications and as directed by the Engineer.				
3.1	Item # 118+136+(127x2), Code -114	OH Water Tank Top Slab (Cylindrical Strength 2500 Psi) Providing and laying hard grade ribbed deformed (minimum yield point 60,000 psi or 414 Mpa) reinforcement bars with & including the cost of straightening, cutting, bending, binding, wastage, and such overlaps as are not shown in the drawings, placing in position on cement concrete 1:2:4 precast or Ms. chairs, tying with binding wire, cost of chairs and wires etc. in all kinds of RCC work in foundation, basement, plinth and ground floor of building including septic tanks and under ground tanks and in projections for future extension.etc. complete in all respects as per drawing, standard , specifications and as directed by the Engineer. (Bars to be cut and placed in position at any level according to the Bar bending schedule prepared by the contractor and approved by the Engineer).	88 Cft	100 Cft	57,678.88	50,757
	Item # 166	Ground Floor	37759 Kg	Kg	282.45	10,665,030
	Item # 166+174	First Floor	35917 Kg	Kg	286.89	10,304,228
	Item # 166+174+175	Roof	35946 Kg	Kg	291.33	10,472,148
	Item # 166+174+175 +175	Upper Roof	34390 Kg	Kg	295.77	10,171,530
Total Carried to Collection						41,663,693
		COLLECTION				
		Page No -7				4,604,504
		Page No -8				15,257,325
		Page No -9				1,077,187
		Total from this Page				41,663,693
Total Carried to Summary						62,602,709

BILL OF QUANTITIES

S.No	Description	Package-2
		Amount (Rs.)
A	SCHEDULE ITEM	
1	EARTH WORKS	419,838
2	SUB STRUCTURE	8,502,470
3	SUPER STRUCTURE	34,860,766
4	MASONRY WORKS	5,266,179
5	THERMAL & MOISTURE PROTECTION	1,885,317
6	METAL WORKS	3,412,243
7	WOOD WORKS	2,052,204
8	FLOOR FINISHES	5,775,653
9	WALL FINISHES	7,488,140
10	CEILING FINISHES	635,570
11	EXTERNAL FINISHES (BUILDING)	4,162,028
12	EXTERNAL FINISHES OTHER THAN BUILDING (NON COVERED AREA)	1,159,696
	Total of Schedule Items Premium on Items of PWD Schedule-2022	75,620,104
	Total of Schedule Items with Premium - A	
B	NON-SCHEDULE ITEM	
1	EARTH WORKS	
2	SUB STRUCTURE	
3	SUPER STRUCTURE	
4	MASONRY WORKS	
5	THERMAL & MOISTURE PROTECTION	
6	METAL WORKS	
7	WOOD WORKS	
8	FLOOR FINISHES	
9	WALL FINISHES	
10	CEILING FINISHES	
11	EXTERNAL FINISHES (BUILDING)	
12	EXTERNAL FINISHES OTHER THAN BUILDING (NON COVERED AREA)	
	Total of Non-Schedule Items - B	
	TOTAL CARRIED TO GRAND SUMMARY (A+B)	

BILL OF QUANTITIES

S.No	PWD Schedule 2022 Ref.No	Description	Qty	Unit (Sch. Rate)	Package-2	
					Rate (RS)	Amount (RS)
1	2	3	4	5	6	7 = 4 x 6
3.9	Code -114	Providing and laying reinforced cement concrete with using crushed graded boulders 3/4" inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq. inch (20.69 N /mm ² at 28 days) with a mix not leaner than 1:2:4 in roof slab of over head water tank up to a height of 30 feet (9 m) above ground including form works and its removal, compacting and curing etc. complete but excluding the cost of reinforcement.etc. complete in all respects as per drawing, standard , specifications and as directed				
3.10	Item # 118+136 Code -114	OH Water Tank Top Slab (Cylindrical Strength 2500 Psi) Providing and laying hard grade ribbed deformed (minimum yield point 60,000 psi or 414 Mpa) reinforcement bars with & including the cost of straightening, cutting, bending, binding, wastage, and such overlaps as are not shown in the drawings, placing in position on cement concrete 1:2:4 precast or Ms. chairs, tying with binding wire, cost of chairs and wires etc. in all kinds of RCC work in foundation, basement, plinth and ground floor of building including septic tanks and under ground tanks and in projections for future extension.etc. complete in all respects as per drawing, standard , specifications and as directed by the Engineer. (Bars to be cut and placed in position at any level according to the Bar bending schedule prepared by the contractor and approved by the Engineer).	48 Cft	100 Cft	53,711.28	25,781
3.11	Item # 166 Code -119	Ground Floor STEEL STRUCTURE WORKS (TRUSSES) Providing and fixing M. S. tees, angles and flats including welding all the sides of the section at the junction, gusset plates where required bolts, nuts etc. complete with hoisting and erecting in position in steel trusses, frames, towers etc. of any design in ground floor etc. complete in all respects as per drawing, standard, specifications and as directed by the Engineer.	28794 Kg	Kg	282.45	8,132,865
3.12	Item # 42 Code -122	Ground Floor PAINTING ON STEEL STRUCTURE (TRUSSES) Providing and applying painting iron work with enamel paint of approved make and shade two coats over and including the cost of one coat of priming complete at any height in any floor. etc. complete in all respects as per drawing, standard, specifications and as directed by the Engineer.	58773 Kg	Kg	344.46	20,244,948
	Item # 158	Ground Floor	37844 Sft	100 Sft	5,819.10	2,202,180
Total Carried to Collection						30,605,774
		COLLECTION				
		Page No -7				4,174,300
		Page No -8				80,692
		Total from this Page				30,605,774
Total Carried to Summary						34,860,766

S.No	Description	Package-2
		Amount (Rs.)
A SCHEDULE ITEM		
1	EARTH WORKS	2,612,125
2	SUB STRUCTURE	11,205,641
3	SUPER STRUCTURE	47,049,947
4	MASONRY WORKS	10,825,073
5	THERMAL & MOISTURE PROTECTION	957,677
6	METAL WORKS	10,437,726
7	WOOD WORKS	7,799,942
8	FLOOR FINISHES	11,700,667
9	WALL FINISHES	15,674,890
10	CEILING FINISHES	2,788,800
11	EXTERNAL FINISHES (BUILDING)	14,242,019
12	EXTERNAL FINISHES OTHER THAN BUILDING (NON COVERED AREA)	194,065
Total of Schedule Items - A Premium on Items of PWD Schedule-2022		135,488,572
Total of Schedule Items - A		
B NON-SCHEDULE ITEM		
1	EARTH WORKS	
2	SUB STRUCTURE	
3	SUPER STRUCTURE	
4	MASONRY WORKS	
5	THERMAL & MOISTURE PROTECTION	
6	METAL WORKS	
7	WOOD WORKS	
8	FLOOR FINISHES	
9	WALL FINISHES	
10	CEILING FINISHES	
11	EXTERNAL FINISHES (BUILDING)	
12	EXTERNAL FINISHES OTHER THAN BUILDING (NON COVERED AREA)	
Total of Non-Schedule Items - B		
TOTAL CARRIED TO GRAND SUMMARY (A+B)		

S.No	PWD Schedule 2022 Ref.No	Description	Qty	Unit (Sch. Rate)	Package-2	
					Rate (RS)	Amount (RS)
1	2	3	4		11	12
3.10	Code -114	Providing & Laying reinforced cement concrete with using crushed graded boulders 3/4" (19mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq. inch (20.69 N/mm ² at 28 days) with a mix not leaner than 1:2:4 in ordinary slab 5 inches (127 mm) to 6 inches (152 mm) thick including formwork & its removal compacting & curing etc. but excluding the cost of reinforcement in basement plinth & ground floor etc. complete in all respects as per drawings standards specifications and as directed by the Engineer.				
		Slab i/c projections (Cylindrical Strength 2500 Psi)				
	Item # 56+136	Ground Floor	2876 Cft	100 Cft	45,586.77	1,311,076
	Item # 56+136+92	First Floor	5540 Cft	100 Cft	48,398.23	2,681,262
	Item # 56+136+92+93	Second Floor	5540 Cft	100 Cft	50,608.82	2,803,729
	Item # 56+136+92+93+93	Roof	419 Cft	100 Cft	52,819.41	221,313
3.11	Code -114	Providing and laying hard grade ribbed deformed (minimum yield point 60,000 psi or 414 Mpa) reinforcement bars with & including the cost of straightening, cutting, bending, binding, wastage, and such overlaps as are not shown in the drawings, placing in position on cement concrete 1:2:4 precast or Ms. chairs, tying with binding wire, cost of chairs and wires etc. in all kinds of RCC work in foundation, basement, plinth and ground floor of building including septic tanks and under ground tanks and in projections for future extension.etc. complete in all respects as per drawing, standard , specifications and as directed by the Engineer. (Bars to be cut and placed in position at any level according to the Bar bending schedule prepared by the contractor and approved by the Engineer).				
	Item # 166	Ground Floor	15315 Kg	Kg	282.45	4,325,722
	Item # 166+174	First Floor	34016 Kg	Kg	286.89	9,758,850
	Item # 166+174+175	Second Floor	43408 Kg	Kg	291.33	12,646,053
	Item # 166+174+175+175	Roof	6287 Kg	Kg	295.77	1,859,506
Total Carried to Collection						35,676,720
		COLLECTION				
		Page No -7				4,159,203
		Page No -8				6,408,342
		Page No -9				805,682
		Total from this Page				35,676,720
Total Carried to Summary						47,049,947

S.No	Description	Package-2
		Amount (Rs.)
A	SCHEDULE ITEM	
1	EARTH WORKS	-
2	SUB STRUCTURE	1,295,359
3	SUPER STRUCTURE	23,419,604
4	MASONRY WORKS	9,457,513
5	THERMAL & MOISTURE PROTECTION	957,677
6	METAL WORKS	10,437,726
7	WOOD WORKS	7,799,872
8	FLOOR FINISHES	11,700,667
9	WALL FINISHES	15,674,890
10	CEILING FINISHES	2,788,868
11	EXTERNAL FINISHES (BUILDING)	14,242,019
12	EXTERNAL FINISHES OTHER THAN BUILDING (NON COVERED AREA)	194,065
	Total of Schedule Items - A Premium on Items of PWD Schedule-2022	97,968,260
	Total of Schedule Items - A	
B	NON-SCHEDULE ITEM	
1	EARTH WORKS	
2	SUB STRUCTURE	
3	SUPER STRUCTURE	
4	MASONRY WORKS	
5	THERMAL & MOISTURE PROTECTION	
6	METAL WORKS	
7	WOOD WORKS	
8	FLOOR FINISHES	
9	WALL FINISHES	
10	CEILING FINISHES	
11	EXTERNAL FINISHES (BUILDING)	
12	EXTERNAL FINISHES OTHER THAN BUILDING (NON COVERED AREA)	
	Total of Non-Schedule Items - B	
	TOTAL CARRIED TO GRAND SUMMARY (A+B)	

BILL OF QUANTITIES

S.No	PWD Schedule 2022 Ref.No	Description	Qty	Unit (Sch. Rate)	Package-2	
					Rate (RS)	Amount (RS)
1	2	3	4		6	7 = 4 x 6
2.8	Code -114	Providing and laying reinforced cement concrete with using crushed graded boulders 3/4" inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq. inch (20.69 N /mm ² at 28 days) with a mix not leaner than 1:2:4 in foundation or bottom slab of rectangular underground water tank or septic tank including form work and its removal, compacting and curing etc. but excluding the cost of reinforcement, tn foundation basement and plinth.etc. complete in all respects as per drawing, standard , specifications and as directed by the Engineer.				
	Item # 99+136	UGWTank Bottom Slab (Cylindrical Strength 2500 Psi)	0 Cft	100 Cft	31,431.41	-
2.8	Code -114	Providing and laying reinforced cement concrete with using crushed graded boulders 3/4" inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq. inch (20.69 N /mm ² at 28 days) with a mix not leaner than 1:2:4 in top slab of rectangular underground water tank or septic tank including form work and its removal, compacting and curing etc. but excluding the cost of reinforcement, foundation basement and plinth.etc. complete in all respects as per drawing, standard , specifications and as directed by the Engineer.				
	Item # 104+136	UGWTank Top Slab (Cylindrical Strength 2500 Psi)	0 Cft	100 Cft	46,752.23	-
2.9	Code -114	Providing and laying reinforced cement concrete with using crushed graded boulders 3/4" inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq. inch (20.69 N /mm ² at 28 days) with a mix not leaner than 1:2:4 in walls of rectangular underground water tank or septic tank including form work and its removal, compacting and curing etc. but excluding the cost of reinforcement, tn foundation basement and plinth.etc. complete in all respects as per drawing, standard , specifications and as directed by the Engineer.				
	Item # 101+136	UGWTank Walls (Cylindrical Strength 2500 Psi)	0 Cft	100 Cft	54,533.03	-
Total Carried to Collection						-

BILL OF QUANTITIES

S.No	PWD Schedule 2022 Ref.No	Description	Qty	Unit (Sch. Rate)	Package-2	
					Rate (RS)	Amount (RS)
1	2	3	4		6	7 = 4 x 6
3.8	Code -114	Providing and laying reinforced cement concrete with using crushed graded boulders 3/4" inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq. inch (20.69 N /mm ² at 28 days) with a mix not leaner than 1:2:4 in roof slab of over head water tank up to a height of 30 feet (9 m) above ground including form works and its removal, compacting and curing etc. complete but excluding the cost of reinforcement.etc. complete in all respects as per drawing, standard , specifications and as directed by the Engineer.				
3.9	Item # 118+136+(127x3), Code -114	OH Water Tank Top Slab (Cylindrical Strength 2500 Psi) Providing and laying hard grade ribbed deformed (minimum yield point 60,000 psi or 414 Mpa) reinforcement bars with & including the cost of straightening, cutting, bending, binding, wastage, and such overlaps as are not shown in the drawings, placing in position on cement concrete 1:2:4 precast or Ms. chairs, tying with binding wire, cost of chairs and wires etc. in all kinds of RCC work in foundation, basement, plinth and ground floor of building including septic tanks and under ground tanks and in projections for future extension.etc. complete in all respects as per drawing, standard , specifications and as directed by the Engineer. (Bars to be cut and placed in position at any level according to the Bar bending schedule prepared by the contractor and approved by the Engineer).	116 Cft	100 Cft	59,662.68	69,209
	Item # 166	Ground Floor	3250 Kg	Kg	282.45	917,963
	Item # 166+174	First Floor	3250 Kg	Kg	286.89	932,393
	Item # 166+174+175	Second Floor	43408 Kg	Kg	291.33	12,646,053
	Item # 166+174+175 +175	Roof	6287 Kg	Kg	295.77	1,859,506
Total Carried to Collection						16,425,124
		COLLECTION				
		Page No -7				1,438,324
		Page No -8				5,080,705
		Page No -9				475,451
		Total from this Page				16,425,124
Total Carried to Summary						23,419,604