



TENDER NOTICE

Sealed tenders are invited from the contractors registered with Pakistan Engineering Council under relevant Category i.e C4 or above on percentage rates basis on Pak PWD Schedule of Rates 2012, who possess valid renewal with PEC for the year 2021-22. Tender documents can be purchased from the office of the undersigned during office hours on any working day upto **18.04.2022** with written request on original letter pad accompanied with attested copy of CNIC, Income tax Registration Certificate as active Taxpayer (filer) and copy of valid registration of PEC. Tenders will be issued to the proprietor of the Firm / Company or their legally authorized representatives having registered power of attorney (duly attested).

Tender in sealed cover should be dropped in the tender box kept in the office of the undersigned on **19.04.2022** upto **11:00 AM**. The respective tenders will be opened on the same day at **11:30 AM** in the presence of intending contractors or their authorized representatives, having registered power of attorney. Other terms & conditions can be seen in the office of the undersigned during office hours on any working day.


TERMS AND CONDITIONS

- 1 No tender shall be sold / issued on the date of opening of tenders and in case of public holiday, the received and opening of tender will be the next working day.
- 2 No tender will be issued / received through post, telegraph or email.
- 3 Tender documents can be purchased from the office of the undersigned during office hours on any working day by giving written request on the original official letter pad of the contractor / firm on production of Copy of CNIC, NTN, ATL & Enlistment / renewal certificate of PEC for the current financial year as well as CDR equal to 4% of the estimated cost from the company's / firm's own account issued by any Scheduled Bank of Pakistan in the name of the Executive Engineer, Central Civil Division Pak. PWD Multan, after payment of tender cost (non refundable) from the date of insertion to **18.04.2022**, before date of opening of tender.
- 4 Tender in sealed cover shall be received alongwith differential CDR equal to 4% of the bid price.
- 5 In case the lowest bid cost is abnormal below, the bidder will have to furnish additional Performance Security of differential amount with reference to Engineer's Estimate.
- 6 Under Rule 33(1) of Public Procurement Rules, 2004, the competent authority reserve the right to reject all bids or proposals at any time prior to the acceptance of bid or proposal.
- 7 The submission of tenders by the contractors implies that he is fully conversant with the site of work, scope of work and terms and conditions as laid down in the tender documents.

S.No.	Name of Work	NTT Amount	Earnest Money/ Bid Security 4% of bid amount	Period of Completion	Cost of Tenders.
1	INSTALLATION OF WEATHER SURVEILLANCE RADAR AT MULTAN IN THE ISLAMIC REPUBLIC OF PAKISTAN. Sub Head: (Civil Work)	38,786,238	@ 4% of bid price	12-Months	2000

2nd Schedule

Uncontested Tenders will be sold upto **25.04.2022**, received back on **26.04.2022** upto **11:00 AM** and will be opened on the same day at **11:30 AM** while other Terms & Conditions will remain same.


(RAFIQUE AHMAD)
Executive Engineer
Central Civil Division
Pak. PWD Multan



GOVERNMENT OF PAKISTAN
PAKISTAN PUBLIC WORKS DEPARTMENT

Office of the Executive Engineer, Central Civil Division Pak. PWD Complex
Opposite Ibrahim City Gate Mattital Road Multan Phone # 061-9330309

No. EE/CCDMultan/AB/462
To

Dated Multan the 31th March, 2022.

The Director,
Press Information Department,
Government of Pakistan,
204/A, Abu Bkar Block
New Garden Town Lahore.

Subject:- **TENDER NOTICE**

Please arrange publication of the enclosed advertisement under classified columns of National leading News Papers according to the requirements specified below:-

- | | | |
|----|----------------------|---------------------------|
| 1. | LANGUAGE: | ENGLISH / URDU (ONE EACH) |
| 2. | STATION OF INSERTION | Multan |
| 3. | SIZE OF INSERTION. | MINIMUM |
| 4. | DATE OF INSERTION. | On or before 03.04.2022 |

NOTE:

1. It is stated that this office will not be responsible for payment of more than two specified newspapers.
2. Necessary bill along with original Pad News paper in duplicate duly supported by the relevant tender notice and verified by PID may be forwarded to this office for early payment.
3. This is to inform that necessary funds have been allocated to this Division to meet with the expenditure and payment will be made on receipt of bill duly verified by the PID Lahore.

Encl: As above

(RAFIQUE AHMAD)
Executive Engineer
Central Civil Division
Pak.PWD, Multan.

Copy alongwith a copy of Tender Notice to:-

1. The Chief Engineer (CZ), Pak.PWD, Lahore
2. The Superintending Engineer, Central Civil Circle, Pak. P.W.D., Bahawalpur.
3. The Executive Engineer Central Civil Division Pak.PWD, Bahawalpur, D.G Khan and Sahiwal.
4. The Dy. Director PPRA Federal Bank of Corporative Building Sector G-5/2 Islamabad with the request to post enclosed tender notice on PPRA's Websites at the earliest
5. The Divisional Accounts Officer of this Division.
6. The Assistant Executive Engineers under this Division.
7. Correspondence Branch.
8. Divisional Notice Board.


EXECUTIVE ENGINEER

SUMMARY OF COST

Name of work:- **INSTALLATION OF WEATHER SURVEILLANCE RADAR AT MULTAN IN THE ISLAMIC REPUBLIC OF PAKISTAN (Sub Head: Civil Work)**

Description		Schedule items Amounts (Rs.)	Market items Amounts (Rs.)
(1) <u>Civil Works</u>			
House F Type, CAT-III - 08 Nos.(Ground Floor) & Bachelor Hostel	Rs.	35,257,620	1,979,701
(2) <u>Infrastructure (Civil)</u>			
a Water Supply & Sanitary Installation (Internal & External)	Rs.	1,415,225	0
Sewer	Rs.	133,692	0
Sub Total:	(2) Rs.	36,806,537	1,979,701

Total N.I.T. Amount

38,786,238



(Rafique Ahmad)
EXECUTIVE ENGINEER
CENTRAL CIVIL DIVISION
PAK. PWD. Multan

ABSTRACT OF COST

Name of work: **INSTALLATION OF WEATHER SURVEILLANCE RADAR AT MULTAN IN THE ISLAMIC REPUBLIC OF PAKISTAN (Sub Head: Civil Work)**

0 House F Type, CAT-III - 08 Nos.(Ground Floor) & Bachelor Hostel

Sr.	Description of Work	Unit	Quantity	Rate (Rs.)	Amount
A-	<u>Schedule items</u>				
i	<u>Earth Work</u>				
1	Excavation for foundation trenches and drains in all kinds of soil (except gravelly and murum soil, wet silt, clay or mud conglomeration of gravel and boulders, soft, sandy or disintegrated sandy and hard rock) and back filling the excavated material in foundation, plinth or under floor including breaking clods, watering, consolidation by ramming in layers not exceeding 9 inches (229 mm) in depth to full compaction, dressing and disposal of surplus excavated stuff as directed, lead upto one chain (30.5 R.m) and lift upto 5 feet (1.52 m).	% Cft (Hundred Cubic feet)	18,006 Cft	535.09 (Rupees Five Hundred Thirty Five & Paise Nine only)	96,348
2	Excavation for raft foundations, underground tanks and septic tanks (rectangular or square) in all kinds of soil (except gravelly and murum soil wet silt, clay or mud, conglomeration of gravel and boulders, soft, sandy or disintegrated and hard rock) and back filling the excavated material all round the trenches including breaking clods, watering, consolidation by ramming in layers not exceeding 9 inches (229 mm) in depth to full compaction, dressing and disposal of surplus excavated stuff as directed, lead up to one chain (30.5 R.m) and lift upto 5 feet (1.52 m).	% Cft (Hundred Cubic feet)	444 Cft	447.73 (Rupees Four Hundred Forty Seven & Paise Seventy Three only)	1,988
3	Supplying earth from approved site within the area acquired including digging or cutting, loading, unloading and filling in foundation trenches, plinth or under floor etc. including breaking clods, dressing watering and consolidation by ramming in layers not exceeding 9 inches (229 mm) in depth to full compaction complete within a lead of one mile and lift of 5 feet (1.52 m) as directed by the Engineer-in-charge.	% Cft (Hundred Cubic feet)	16,624 Cft	1,210.58 (Rupees One Thousand Two Hundred Ten & Paise Fifty Eight only)	201,247
4	Supplying stacking and filling sand of approved quality from outside sources in foundation, trenches, plinth or under floor, etc. including dressing, watering and consolidation by ramming in layers not exceeding 9 inches (229 mm) in depth to full compaction and lift upto 5 feet (1.52 m).	% Cft (Hundred Cubic feet)	3,859 Cft	2,210.51 (Rupees Two Thousand Two Hundred Ten & Paise Fifty One only)	85,304
ii	<u>Cement Concrete Work</u>				
5	Providing and laying 1:4:8 (1 cement 4 sand and 8 coarse aggregate) cement concrete using crushed graded boulders (machine broken) 1 inch (25 mm) and down gauge in foundation including levelling, compacting and curing etc.complete.	% Cft (Hundred Cubic feet)	5,095 Cft	11,388.12 (Rupees Eleven Thousand Three Hundred Eighty Eight & Paise Twelve only)	580,225

Sr.	Description of Work	Unit	Quantity	Rate (Rs.)	Amount
6	Providing and laying floors of 2 inches (51 mm) thick 1:2:4 cement concrete using crush graded boulder 3/4 inch (19 mm) and down gauge in ground floor laid in panels including form work, consolidation, finishing, and curing etc. complete.	% Sft (Hundred Square feet)	7,716 Sft	3,053.25 (Rupees Three Thousand Fifty Three & Paisa Twenty Five only)	235,589
6a	<u>First Floor</u>	% Sft (Hundred Square feet)	209 Sft	3,295.21 (Rupees Three Thousand Two Hundred Ninety Five & Paisa Twenty One only)	6,887
6b	<u>Second Floor</u>	% Sft (Hundred Square feet)	209 Sft	3,490.34 (Rupees Three Thousand Four Hundred Ninety & Paisa Thirty Four only)	7,295
6c	<u>Third Floor</u>	% Sft (Hundred Square feet)	209 Sft	3,685.47 (Rupees Three Thousand Six Hundred Eighty Five & Paisa Forty Seven only)	7,703
7	Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch 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 raft or strip foundation with columns and pillars, of any shape including form work and its removal, compacting, leveling and curing etc. complete but excluding the cost of reinforcement, in foundation basement and plinth	% Cft (Hundred Cubic feet)	4,671 Cft	15,811.03 (Rupees Fifteen Thousand Eight Hundred Eleven & Paisa Three only)	738,533
8	Providing and laying reinforced cement concrete using crushed graded boulder 3/4 inch 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 column footing of required shape including form work and its removal, compacting and curing etc. complete but excluding the cost of reinforcement, in foundation basement and plinth	% Cft (Hundred Cubic feet)	111 Cft	17,514.88 (Rupees Seventeen Thousand Five Hundred Fourteen & Paisa Eighty Eight only)	19,442
9	Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch and down gauge having a minimum works cube crushing strength of 3750 lbs. per sq inch 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 foundation basement and plinth.	% Cft (Hundred Cubic feet)	530 Cft	22,934.55 (Rupees Twenty Two Thousand Nine Hundred Thirty Four & Paisa Fifty Five only)	121,553

Sr.	Description of Work	Unit	Quantity	Rate (Rs.)	Amount
10	Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch 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 plinth beams of required shape and design including form work and its removal, compacting and curing etc. but excluding the cost of reinforcement, in foundation basement and plinth	% Cft (Hundred Cubic feet)	1,940 Cft	18,172.93 (Rupees Eighteen Thousand One Hundred Seventy Two & Paise Ninety Three only)	352,555
11	Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch and down gauge having a minimum works cube crushing strength of 3750 lbs. per sq inch 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	% Cft (Hundred Cubic feet)	360 Cft	26,619.41 (Rupees Twenty Six Thousand Six Hundred Nineteen & Paise Forty One only)	95,830
11a	<u>First Floor</u>	% Cft (Hundred Cubic feet)	244 Cft	27,568.61 (Rupees Twenty Seven Thousand Five Hundred Sixty Eight & Paise Sixty One only)	67,267
11b	<u>Second Floor</u>	% Cft (Hundred Cubic feet)	224 Cft	28,320.06 (Rupees Twenty Eight Thousand Three Hundred Twenty & Paise Six only)	63,437
11c	<u>Third Floor</u>	% Cft (Hundred Cubic feet)	224 Cft	29,071.51 (Rupees Twenty Nine Thousand Seventy One & Paise Fifty One only)	65,120
12	Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch 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. complete but excluding the cost of reinforcement, in basement and ground floor.	% Cft (Hundred Cubic feet)	1,098 Cft	20,668.60 (Rupees Twenty Thousand Six Hundred Sixty Eight & Paise Sixty only)	226,941
12a	<u>First Floor</u>	% Cft (Hundred Cubic feet)	620 Cft	21,617.80 (Rupees Twenty One Thousand Six Hundred Seventeen & Paise Eighty only)	134,030

Sr.	Description of Work	Unit	Quantity	Rate (Rs.)	Amount
12b	<u>Second Floor</u>	% Cft (Hundred Cubic feet)	557 Cft	22,369.25 (Rupees Twenty Two Thousand Three Hundred Sixty Nine & Paisa Twenty Five only)	124,597
12c	<u>Third Floor</u>	% Cft (Hundred Cubic feet)	554 Cft	23,120.70 (Rupees Twenty Three Thousand One Hundred Twenty & Paisa Seventy only)	128,089
13	Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch 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 form work and its removal compacting and curing etc. complete but excluding the cost of reinforcement, in basement plinth and ground floor	% Cft (Hundred Cubic feet)	4,349 Cft	20,143.99 (Rupees Twenty Thousand One Hundred Forty Three & Paisa Ninety Nine only)	876,062
13a	<u>First Floor</u>	% Cft (Hundred Cubic feet)	1,830 Cft	21,093.19 (Rupees Twenty One Thousand Ninety Three & Paisa Nineteen only)	386,005
13b	<u>Second Floor</u>	% Cft (Hundred Cubic feet)	1,496 Cft	21,844.64 (Rupees Twenty One Thousand Eight Hundred Forty Four & Paisa Sixty Four only)	326,796
13c	<u>Third Floor</u>	% Cft (Hundred Cubic feet)	1,496 Cft	22,596.09 (Rupees Twenty Two Thousand Five Hundred Ninety Six & Paisa Nine only)	338,038
13d	<u>Fourth Floor</u>	% Cft (Hundred Cubic feet)	167 Cft	23,347.54 (Rupees Twenty Three Thousand Three Hundred Forty Seven & Paisa Fifty Four only)	38,990
14	Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch 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 cantilevered slab, horizontal sun-shade or chajja tapered or straight average 3 inches (76 mm) to less then 5 inches (127 mm) thick including form work and its removal, compacting and curing etc. complete but excluding the cost of reinforcement, in basement plinth and ground floor..	% Cft (Hundred Cubic feet)	57 Cft	22,538.92 (Rupees Twenty Two Thousand Five Hundred Thirty Eight & Paisa Ninety Two only)	12,847

Sr.	Description of Work	Unit	Quantity	Rate (Rs.)	Amount
14a	<u>First Floor</u>	% Cft (Hundred Cubic feet)	35 Cft	23,488.12 (Rupees Twenty Three Thousand Four Hundred Eighty Eight & Paise Twelve only)	8,221
14b	<u>Second Floor</u>	% Cft (Hundred Cubic feet)	35 Cft	24,239.57 (Rupees Twenty Four Thousand Two Hundred Thirty Nine & Paise Fifty Seven only)	8,484
14c	<u>Third Floor</u>	% Cft (Hundred Cubic feet)	35 Cft	24,991.02 (Rupees Twenty Four Thousand Nine Hundred Ninety One & Paise Two only)	8,747
15	Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch 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 shelves 1-1/2 inches to 2 inches (38 to 51 mm) thick in situ including form works and its removal, compacting and curing etc. complete but excluding the cost of reinforcement, in basement plinth and ground floor	% Cft (Hundred Cubic feet)	43 Cft	28,601.67 (Rupees Twenty Eight Thousand Six Hundred One & Paise Sixty Seven only)	12,299
15a	<u>First Floor</u>	% Cft (Hundred Cubic feet)	32 Cft	29,550.87 (Rupees Twenty Nine Thousand Five Hundred Fifty & Paise Eighty Seven only)	9,456
15b	<u>Second Floor</u>	% Cft (Hundred Cubic feet)	32 Cft	30,302.32 (Rupees Thirty Thousand Three Hundred Two & Paise Thirty Two only)	9,697
15c	<u>Third Floor</u>	% Cft (Hundred Cubic feet)	32 Cft	31,053.77 (Rupees Thirty One Thousand Fifty Three & Paise Seventy Seven only)	9,937
16	Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch 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.	% Cft (Hundred Cubic feet)	147 Cft	25,989.63 (Rupees Twenty Five Thousand Nine Hundred Eighty Nine & Paise Sixty Three only)	38,205

Sr.	Description of Work	Unit	Quantity	Rate (Rs.)	Amount
16a	<u>First Floor</u>	% Cft (Hundred Cubic feet)	48 Cft	26,938.83 (Rupees Twenty Six Thousand Nine Hundred Thirty Eight & Paise Eighty Three only)	12,931
16b	<u>Second Floor</u>	% Cft (Hundred Cubic feet)	48 Cft	27,690.28 (Rupees Twenty Seven Thousand Six Hundred Ninety & Paise Twenty Eight only)	13,291
16c	<u>Third Floor</u>	% Cft (Hundred Cubic feet)	48 Cft	28,441.73 (Rupees Twenty Eight Thousand Four Hundred Forty One & Paise Seventy Three only)	13,652
17	Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch 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 balustrade of stair or balcony railing, sun breakers, parapet, hanging pardi, eave board etc. (all without apertures) 2 inches (50 mm) to 3" (76 mm) thick including form work and its removal, compacting and curing etc. complete but excluding the cost of reinforcement, in basement plinth and ground floor.	% Cft (Hundred Cubic feet)	444 Cft	33,743.06 (Rupees Thirty Three Thousand Seven Hundred Forty Three & Paise Six only)	149,819
17d	<u>Fourth Floor</u>	% Cft (Hundred Cubic feet)	277 Cft	36,927.86 (Rupees Thirty Six Thousand Nine Hundred Twenty Seven & Paise Eighty Six only)	102,290
iii	<u>Steel Work</u>				
18	Providing and laying hard grade ribbed deformed (minimum yield point 60,000 psi) 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 or m.s. 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.	P. Kg (Per kilogram)	49,194 Kg	123.02 (Rupees One Hundred Twenty Three & Paise Two only)	6,051,846
18a	<u>First Floor</u>	P. Kg (Per Kilogram)	9,980 Kg	124.47 (Rupees One Hundred Twenty Four & Paise Forty Seven only)	1,242,211

Sr.	Description of Work	Unit	Quantity	Rate (Rs.)	Amount
18b	<u>Second Floor</u>	P. Kg (Per Kilogram)	16,382 Kg	125.92 (Rupees One Hundred Twenty Five & Paise Ninety Two only)	2,062,821
18c	<u>Third Floor</u>	P. Kg (Per Kilogram)	8,603 Kg	127.37 (Rupees One Hundred Twenty Seven & Paise Thirty Seven only)	1,095,764
18d	<u>Fourth Floor</u>	P. Kg (Per Kilogram)	1,208 Kg	128.82 (Rupees One Hundred Twenty Eight & Paise Eighty Two only)	155,615
iv	<u>Brick Work</u>				
19	Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls 9" to 13-1/2 inches thick including scaffolding, raking out Joints and curing etc. complete in foundation, basement and plinth (foundation and basement masonry upto 5 feet depth and plinth upto 4 feet height from ground level).	% Cft (Hundred Cubic feet)	10,514 Cft	20,823.80 (Rupees Twenty Thousand Eight Hundred Twenty Three & Paise Eighty only)	2,189,414
20	Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls 9 to 13-1/2 inches thick including scaffolding, raking, out joints and curing etc. complete in ground floor superstructure.	% Cft (Hundred Cubic feet)	10,799 Cft	21,905.35 (Rupees Twenty One Thousand Nine Hundred Five & Paise Thirty Five only)	2,365,559
20a	<u>First Floor</u>	% Cft (Hundred Cubic feet)	3,250 Cft	22,926.87 (Rupees Twenty Two Thousand Nine Hundred Twenty Six & Paise Eighty Seven only)	745,123
20b	<u>Second Floor</u>	% Cft (Hundred Cubic feet)	2,327 Cft	23,606.35 (Rupees Twenty Three Thousand Six Hundred Six & Paise Thirty Five only)	549,320
20c	<u>Third Floor</u>	% Cft (Hundred Cubic feet)	2,330 Cft	24,285.83 (Rupees Twenty Four Thousand Two Hundred Eighty Five & Paise Eighty Three only)	565,860
20d	<u>Fourth Floor</u>	% Cft (Hundred Cubic feet)	802 Cft	24,965.31 (Rupees Twenty Four Thousand Nine Hundred Sixty Five & Paise Thirty One only)	200,222

Sr.	Description of Work	Unit	Quantity	Rate (Rs.)	Amount
21	Providing and laying first class solid burnt brick masonry set in cement mortar 1:4 in straight or curved walls 4-1/2 inches and less in thickness including scaffolding, raking, out joints and curing etc. complete in 1st. floor superstructure .	% Cft (Hundred Cubic feet)	528 Cft	23,620.01 (Rupees Twenty Three Thousand Six Hundred Twenty Paise One only)	124,714
21a	<u>First Floor</u>	% Cft (Hundred Cubic feet)	437 Cft	24,641.53 (Rupees Twenty Four Thousand Six Hundred Forty One & Paise Fifty Three only)	107,683
21b	<u>Second Floor</u>	% Cft (Hundred Cubic feet)	437 Cft	25,321.01 (Rupees Twenty Five Thousand Three Hundred Twenty One Paise One only)	110,653
21c	<u>Third Floor</u>	% Cft (Hundred Cubic feet)	437 Cft	26,000.49 (Rupees Twenty Six Thousand & Paise Forty Nine only)	113,622
v	<u>Iron Work</u>				
22	Providing and fixing iron grills with required section of flat iron as per approved design including welding all sides of the section at the junction, and fixing with sunk iron screws, painting two coats of red oxide paint etc. complete as required in any floor in masonry or concrete work.	P. Kg (Per kilogram)	3,333 Kg	150.27 (Rupees One Hundred Fifty & Paise Twenty Seven only)	500,850
23	Providing and fixing single leaf steel doors made to crittal or equivalent standard and of approved sections fully panelled with M. S. Sheet of 16 gauge painted with two coats of red oxide paint including using approved brass section oxidized fitting iron lugs, cutting holes and making good damages to walls etc. complete as required in any floor.	P. Sft (Per Square foot)	75 Sft	520.05 (Rupees Five Hundred Twenty & Paise Five only)	39,004
24	Providing and fixing M.S. moulded steel door frames of required size manufactured from mild steel sheet of 18 gauge (1.41 mm) conforming to B.S.S. 1245 having a single or double rebate size 1-1/2" x 1/2" (38 mm x 12 mm) provision of 3 Nos. M.S. plate, section 1-1/2" x 1/4" (38 mm x 6 mm) (2 Nos. 6 inch long welded with frame at not less than 10 points and 1 Nos. 12 inch long welded with frame at not less than 20 points), with holes and threads for fixing steel hinges, fitted with one locking box of same sheet (point welded inside the frame), 6 Nos. 6 inches long flat iron fixing lugs of 1-1/4" x 3/16" section, treated with special red oxide primer coat all around including cutting holes and filling the cavity with cement concrete 1:2:4 etc. in any floor at any height complete as directed by the Engineer-in-Charge	P. Sft (Per Square foot)	1,262 Sft	388.15 (Rupees Three Hundred Eighty Eight & Paise Fifteen only)	489,845

Sr.	Description of Work	Unit	Quantity	Rate (Rs.)	Amount
vi	<u>Plastering</u>				
25	1/4" (6.4 mm) thick cement plaster 1:4 on soffits of ceiling, cantilever slabs, sides and soffits of beams etc., in basement, mezzanine and ground floor including making edges, corners and curing etc., complete	% Sft (Hundred Square feet)	8,312 Sft	1,625.98 (Rupees One Thousand Six Hundred Twenty Five & Paisa Ninety Eight only)	135,151
25a	<u>First Floor</u>	% Sft (Hundred Square feet)	5,391 Sft	1,779.85 (Rupees One Thousand Seven Hundred Seventy Nine & Paisa Eighty Five only)	95,952
25b	<u>Second Floor</u>	% Sft (Hundred Square feet)	3,051 Sft	1,910.31 (Rupees One Thousand Nine Hundred Ten & Paisa Thirty One only)	58,284
25c	<u>Third Floor</u>	% Sft (Hundred Square feet)	3,051 Sft	2,040.77 (Rupees Two Thousand Forty & Paisa Seventy Seven only)	62,264
25d	<u>Fourth Floor</u>	% Sft (Hundred Square feet)	1,235 Sft	2,171.23 (Rupees Two Thousand One Hundred Seventy One & Paisa Twenty Three only)	26,815
26	1/2" (13 mm) thick cement plaster 1:4 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, corners, and curing etc., complete.	% Sft (Hundred Square feet)	31,157 Sft	1,913.00 (Rupees One Thousand Nine Hundred Thirteen only)	596,033
26a	<u>First Floor</u>	% Sft (Hundred Square feet)	13,608 Sft	2,066.87 (Rupees Two Thousand Sixty Six & Paisa Eighty Seven only)	281,260
26b	<u>Second Floor</u>	% Sft (Hundred Square feet)	11,093 Sft	2,197.33 (Rupees Two Thousand One Hundred Ninety Seven & Paisa Thirty Three only)	243,750
26c	<u>Third Floor</u>	% Sft (Hundred Square feet)	11,114 Sft	2,327.79 (Rupees Two Thousand Three Hundred Twenty Seven & Paisa Seventy Nine only)	258,711

Sr.	Description of Work	Unit	Quantity	Rate (Rs.)	Amount
26d	<u>Fourth Floor</u>	% Sft (Hundred Square feet)	836 Sft	2,458.25 (Rupees Two Thousand Four Hundred Fifty Eight & Paisa Twenty Five only)	20,551
vii	<u>Roof Treatment</u>				
27	Water proofing of roof slab using Bituflex @ 10 Kg per % sft in three coats, i/c cleaning /scraping the extra mortar etc. from the roof surface, and washing the surface with water and filling the depressions using Bituflex: sand mortar (1.2). Applying one primer coat, over moist surface using a mix of 50 % Bituflex and 50 % water blinding the surface with sand in any light.	% Sft (Hundred Square feet)	7,335 Sft	685.80 (Rupees Six Hundred Eighty Five & Paisa Eighty only)	50,303
28	Providing and laying double layer of polythene sheet of 500 gauge (0.005 or 0.13 mm thick) under floors for water proofing laid as per specifications and instructions of the Engineer-in-Charge in any floor.	% Sft (Hundred Square feet)	7,335 Sft	1,173.51 (Rupees One Thousand One Hundred Seventy Three & Paisa Fifty One only)	86,077
29	Providing and laying 1st class burnt clay tiles of 9" X 4-1/2" X 1-1/2" size grouted with 1:3 cement mortar over 4" thick (avg) puddled earth compacted and smooth finished to slope mixed with bhoosa at the rate of one seer of bhoosa for one P. Cft of puddled earth in ground floor including flush pointing on tiles works with 1:3 cement mortar and curing complete.	% Sft (Hundred Square feet)	5,788 Sft	6,939.74 (Rupees Six Thousand Nine Hundred Thirty Nine & Paisa Seventy Four only)	401,672
29c	<u>Third Floor</u>	% Sft (Hundred Square feet)	1,547 Sft	7,078.97 (Rupees Seven Thousand Seventy Eight & Paisa Ninety Seven only)	109,512
30	Providing and laying 1:2:4 cement concrete khuras 2" (51 mm) thick 2 ft. x 2 ft. (610 mm x 610 mm) size on roof including finishing with cement plaster 1:4, curing etc. complete.	Each	7 No	86.23 (Rupees Eighty Six & Paisa Twenty Three only)	604
31	Providing and laying gola 3" x 3" concrete 1:2:4 using graded screened bajri at junction of roof slab and walls and finished with cement plaster 1:4 including curing etc. complete.	% Rft (Hundred Running feet)	583 Rft	1,368.16 (Rupees One Thousand Three Hundred Sixty Eight & Paisa Sixteen only)	7,976
32	Providing and fixing 4" (100 mm) dia polyvinyl chloride rain water (PVC) down pipe with mild steel clamps, bolts and nuts fixed in cement concrete 1:2:4 etc. complete.	P. Rft (Per Running foot)	182 Rft	283.29 (Rupees Two Hundred Eighty Three & Paisa Twenty Nine only)	51,559
33	Providing and fixing 4" (100 mm) dia polyvinyl chloride (PVC) bend of any degree for rain water down pipe with clamps, bolts and nuts in cement concrete 1:2:4 etc. complete..	Each	16 No	696.81 (Rupees Six Hundred Ninety Six & Paisa Eighty One only)	11,149

Sr.	Description of Work	Unit	Quantity	Rate (Rs.)	Amount
viii	Flooring				
34	Providing and laying light colour, glazed/non skid vitrified porcelan tiles (Polished) not exceeding 1600 Sqcm each, (Pak made) on walls and floors, in any floor, laid with dry bond (stile bond) over a base of 1" thick cement mortar (1:3) including jointing to tiles with joint filler of approved quality as per direction of the Engineer incharge.	% Sft (Hundred Square feet)	14,500 Sft	17,882.39 (Rupees Seventeen Thousand Eight Hundred Eighty Two & Paisa Thirty Nine only)	2,592,947
35	Providing and laying light colour, glazed/non skid vitrified porcelain tiles (Polished) not exceeding 1600 Sqcm each, (Pak made) on walls, in any floor, laid with dry bond (stile bond) over a existing cement base including jointing to tiles with joint filler of approved quality as per direction of the Engineer incharge.	% Sft (Hundred Square feet)	1,077 Sft	17,126.07 (Rupees Seventeen Thousand One Hundred Twenty Six & Paisa Seven only)	184,448
36	Providing and laying floor of 1 inch (25 mm) thick white marble tiles more than 3 Sq.ft. upto 5 Sq.ft size fine dressed on the surface, without winding in ground floor over 1 inch (25 mm) cement mortar 1:4 (one cement, four sand) setting the marble tiles with grey cement slurry over cement mortar, jointing and washing the tiles with white cement slurry including curing, rubbing and polishing etc. complete including the cost of mortar.	% Sft (Hundred Square feet)	1,015 Sft	61,592.87 (Rupees Sixty One Thousand Five Hundred Ninety Two & Paisa Eighty Seven only)	625,168
36a	<u>1st. Floor</u>	% Sft (Hundred Square feet)	185 Sft	61,788.00 (Rupees Sixty One Thousand Seven Hundred Eighty Eight only)	114,308
36b	<u>2nd. Floor</u>	% Sft (Hundred Square feet)	185 Sft	61,920.69 (Rupees Sixty One Thousand Nine Hundred Twenty & Paisa Sixty Nine only)	114,553
36c	<u>3rd. Floor</u>	% Sft (Hundred Square feet)	185 Sft	62,053.38 (Rupees Sixty Two Thousand Fifty Three & Paisa Thirty Eight only)	114,799
37	Extra for stairs/steps (in treads, risers and midstair landings).	% Sft (Hundred Square feet)	923 Sft	2,934.68 (Rupees Two Thousand Nine Hundred Thirty Four & Paisa Sixty Eight only)	27,087
38	Extra for making nosing of treads as per design and instructions of the Engineer-in-Charge.	P. Rft (Per Running foot)	412 Rft	50.18 (Rupees Fifty & Paisa Eighteen only)	20,674

Sr.	Description of Work	Unit	Quantity	Rate (Rs.)	Amount
ix	Wood work				
39	Providing and fixing 1-1/2 inch (38 mm) thick best quality deodar wood shutters fully panelled with same wood, approved iron hinges and tower bolts, etc., as required..	P. Sft (Per Square foot)	660 Sft	606.73 (Rupees Six Hundred Six & Paise Seventy Three only)	400,442
40	Providing and fixing 1-1/2 inches (38 mm) thick solid core deodar wood flushed veneered door shutters, with and including the cost of commercial plywood facing 3 mm. thick (3 ply) on both faces, fixed over best quality deodar wood frame 2 inches wide around 6 inches wide lock rail and 2nd class deodar wood solid core, i/c., 1/4 inch thick best quality deodar wood lipping on all sides as per approved drawing, manufactured under power driven hydraulic press, including the cost of approved iron fittings but excluding the cost of handles and locking arrangement.	P. Sft (Per Square foot)	1,596 Sft	571.68 (Rupees Five Hundred Seventy One & Paise Sixty Eight only)	912,401
41	Providing and fixing on frames etc., with sunken iron screws best quality deodar wood moulding beading, architrave etc., of approved design up-to one square inch (6.45 Sqm) in cross section as required .	P. Rft (Per Running foot)	1,766 Rft	70.68 (Rupees Seventy & Paise Sixty Eight only)	124,821
x	Aluminium work				
42	Providing and fixing fully glazed Silver/ Bronz/ Champagne anodized aluminium Sliding windows as per British standard manufactured by Lucky, Alcop, Krudson, Pakistan Cables and A.C.P. (fixing through their approved fabricators), Prime model box section 101mm x 30mm and 2mm thick including the cost of aluminium netting, fittings, with all accessories cutting hole etc. and making good damages to walls etc. complete as required in any floor as per direction of engineer-in-charge, but excluding the cost of glass pans.	P. Sft (Per Square foot)	2,222 Sft	524.70 (Rupees Five Hundred Twenty Four & Paise Seventy only)	1,165,883
43	Providing and fixing Tinted glass panes 5mm thick to M.S. Box pipe / Aluminium doors, windows and ventilators etc including the cost of labour but excluding the cost of M.S. square pipe beading, rubber packing and screw in any floor at any height.	P. Sft (Per Square foot)	2,222 Sft	106.11 (Rupees One Hundred Six & Paise Eleven only)	235,776
xi	Finishes				
44	Distempering with vinyle distemper (ICI) Dulux Paintex of approved make and shade in two coats over and including the cost of one priming coat of lime wash including sand papering, dusting, and filling the holes, cracks and inequalities, if any, at any height in any floor.	% Sft (Hundred Square feet)	69,253 Sft	1,053.54 (Rupees One Thousand Fifty Three & Paise Fifty Four only)	729,608
45	Painting three coats with weather shield paint deluxe (ICI) make of approved shade on plaster surface (External) and including the cost of cleaning the surface, sand papering etc. complete at any height in any floor.	% Sft (Hundred Square feet)	19,595 Sft	1,406.88 (Rupees One Thousand Four Hundred Six & Paise Eighty Eight only)	275,678

Sr.	Description of Work	Unit	Quantity	Rate (Rs.)	Amount
46	Painting iron work with synthetic enamel paint of approved make and shade two coats over and including the cost of one priming coat complete at any height in any floor.	% Sft (Hundred Square feet)	4,764 Sft	2,776.62 (Rupees Two Thousand Seven Hundred Seventy Six & Paise Sixty Two only)	132,278
47	Painting wood work with synthetic enamel paint of approved make and shade two coats over and including the cost of one priming coat complete at any height in any floor.	% Sft (Hundred Square feet)	4,033 Sft	2,585.22 (Rupees Two Thousand Five Hundred Eighty Five & Paise Twenty Two only)	104,262
48	Providing and fixing approved oxidised brass sliding or aldrop bolts 12" x 3/4" (305 mm x 19 mm) size with necessary oxidised brass screws and bolts and nuts .	Each	11 No	1,730.23 (Rupees One Thousand Seven Hundred Thirty & Paise Twenty Three only)	19,033
49	Providing and fixing with C.P. brass screws main door handle type lock yale or equivalent (imported) of approved design, cutting wood etc., to required size, with two operating keys, as per direction of the engineer-in-Charge.	Each	92 No	4,564.76 (Rupees Four Thousand Five Hundred Sixty Four & Paise Seventy Six only)	419,958
A-				Total: Rs.	35,257,620
B-	<u>Market items</u>				
xii	<u>Flooring</u>				
50	Providing and laying on floor of approved coloured ceramic tiles 12"x24" (upto 2.0 Sft) (master or equivalent) first grade, laid over 1" thick cement mortar (1:3) including jointing to tiles with joint filler of approved quality in any floor, as per direction of the Engineer incharge.	P. Sft (Per Square foot)	1,230 Sft	295.00 (Rupees Two Hundred Ninety Five only)	362,850
51	Providing and laying on wall of approved coloured ceramic tiles 12"x24" (upto 2.0 Sft) (master or equivalent) first grade, laid over existing plaster base including jointing to tiles with joint filler of approved quality in any floor, as per direction of the Engineer incharge.	P. Sft (Per Square foot)	4,659 Sft	270.00 (Rupees Two Hundred Seventy only)	1,257,930
xiii	<u>Miscellaneous Work</u>				
52	Providing and carrying out Termite proofing in foundations, under floors and wood work surface with a solution using of confront TC with water and spraying the solution of the area to be treated as completed as per direction of engineer incharge.	P. Sft (Per Square foot)	16,316 Sft	9.97 (Rupees Nine & Paise Ninety Seven only)	162,671

Sr.	Description of Work	Unit	Quantity	Rate (Rs.)	Amount
53	Providing and fixing 2" dia. stainless steel pipe railing along with 4 Nos 3/4" dia. parallel pipe having stainless steel vertical post 2" dia. at 3' average spacing and 4" dia. vertical post at starting point & at end point) and i/c cost of labour charges making requisite number of holes in marble stair steps for fixing vertical post in position with necessary bolt, cost of welding the post and cartage etc complete as approved by the engineer incharge.	P. Rft (Per Running foot)	125 Rft	1,570.00 (Rupees One Thousand Five Hundred Seventy only)	196,250
			B-	Total: Rs.	1,979,701
			A + B	Total: Rs.	37,237,321



(Rafique Ahmad)
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ABSTRACT OF COST

Name of work: **INSTALLATION OF WEATHER SURVEILLANCE RADAR AT MULTAN IN THE ISLAMIC REPUBLIC OF PAKISTAN**


(Sub Head: Civil Work)

House F Type, CAT-III - 08 Nos.(Ground Floor) & Bachelor Hostel

Sr.	Description of Work	Unit	Quantity	Rate (Rs.)	Amount
Water Supply & Sanitary Installation (Internal)					
A- Schedule items					
1	Providing and fixing PPRC Pipes Specials/fittings etc., of approved quality including cutting and fitting complete with PPRC welding device set charges and including the cost of breaking through walls and roof, making good etc, and cartage within 10 miles complete in all respect as per direction of Engineer incharge. PPRC PN-20 Pipes (25 mm) dia.	P. Rft (Per Running foot)	970 Rft	151.09 (Rupees One Hundred Fifty One & Paisa Nine only)	146,557
2	Providing and fixing PPRC Pipes Specials/fittings etc., of approved quality including cutting and fitting complete with PPRC welding device set charges and including the cost of breaking through walls and roof, making good etc, and cartage within 10 miles complete in all respect as per direction of Engineer incharge. PPRC PN-20 Pipes (32 mm) dia.	P. Rft (Per Running foot)	750 Rft	218.87 (Rupees Two Hundred Eighteen & Paisa Eighty Seven only)	164,153
4	Providing and fixing PPRC Pipes Specials/fittings etc., of approved quality including cutting and fitting complete with PPRC welding device set charges and including cartage within 10 miles complete in all respect as per direction of Engineer incharge. PPRC PN-20 Pipes (40 mm) dia.	P. Rft (Per Running foot)	200 Rft	167.92 (Rupees One Hundred Sixty Seven & Paisa Ninety Two only)	33,584
3	Providing and fixing PPRC Ball Valve 32 mm i/c cutting, fitting jointing etc. complete.	Each	35 No	1,057.20 (Rupees One Thousand Fifty Seven & Paisa Twenty only)	37,002
4	Providing and fixing uPVC soil, waste and vent pipe etc., (approved quality) including cutting and fitting complete with making hole in wall and roof, making good etc, and cartage within 10 miles. (16.09 K.M.). uPVC Pipe Type 'B' 3 inches dia.	P. Rft (Per Running foot)	200 Rft	162.65 (Rupees One Hundred Sixty Two & Paisa Sixty Five only)	32,530
5	Providing and fixing uPVC soil, waste and vent pipe etc., (approved quality) including cutting and fitting complete with making hole in wall and roof, making good etc, and cartage within 10 miles. (16.09 K.M.). uPVC Pipe Type 'B' 4 inches dia.	P. Rft (Per Running foot)	390 Rft	260.33 (Rupees Two Hundred Sixty & Paisa Thirty Three only)	101,529
6	Providing and fixing uPVC soil, waste and vent pipe etc., (approved quality) including cutting and fitting complete with making hole in wall and roof, making good etc, and cartage within 10 miles. (16.09 K.M.). uPVC Pipe Type 'B' 6 inches dia.	P. Rft (Per Running foot)	250 Rft	304.73 (Rupees Three Hundred Four & Paisa Seventy Three only)	76,183

Sr.	Description of Work	Unit	Quantity	Rate (Rs.)	Amount
7	Water Supply & Sanitary Installation (Internal) Providing and fixing 22 inches x 16 inches (560 x 406 mm) lavatory basin in white glazed earthenware (Pakistani) complete with and including the cost of Brass oxidized bolts kit built into walls 1/2 inches (15 mm) dia. Chrome plated mixer, 1-1/4 inches (32 mm) rubber plug and chrome plated brass chain 1-1/4 inches (32 mm) dia brass waste of approved pattern 1-1/4 inches (32 mm) dia chromium plated battal trap with unions, best available (Pakistani make) white glazed earthenware pedestal and making requisite, number of holes in walls, plinth and floor for pipe connections and making good in cement concrete 1:2:4.	Each	26 No	5,491.97 (Rupees Five Thousand Four Hundred Ninety One & Paise Ninety Seven only)	142,791
8	Providing and fixing best quality squatting type white glazed earthenware W.C Pan, Pakistani (of not less than 18 inches clear opening as measured between flushing rims) complete with and including the cost of 9 litre best quality low level plastic flushing cistern with internal fittings complete, P.V.C. flushing pipe suitable for squatting type with extra bends and length with fittings, C.I. trap 4 inches (100mm) dia and making requisite number of holes in walls, plinth & floor for pipe connection and making good in cement concrete 1:2:4..	Each	16 No	3,424.92 (Rupees Three Thousand Four Hundred Twenty Four & Paise Ninety Two only)	54,799
9	Providing and fixing Pakistani make best available quality European style white glazed earthenware wash down W.C.Pan complete with and including the cost of a plastic seat (PVC cover and buffers (6 litres) white glazed earthenware low level flushing cistern with siphon fittings, 1-1/2 inches (40mm) dia white porcelain enamelled flush bend, 3/4 inch (20mm) dia, G.I. warning pipe carried outside and bent vertically downwards and making requisite number of holes in walls, plinth and floor for pipe connections and making good in cement concrete 1:2:4..	Each	10 No	4,804.67 (Rupees Four Thousand Eight Hundred Four & Paise Sixty Seven only)	48,047
10	Providing and fixing standing wall shower of CP brass 3 knobs of approved quality mixer unit and moveable shower head complete.	Each	26 No	4,489.28 (Rupees Four Thousand Four Hundred Eighty Nine & Paise Twenty Eight only)	116,721
11	Providing and fixing approved quality stainless steel sink 33" x 18" Pak made (Atlas) complete with brass oxidized bolt kit/angle iron brackets built into walls 1/2" dia CP sink mixer 1-1/4" rubber plug and CP brass chain 1-1/4" CP brass waste 1-1/4" dia malleable iron or CP brass bottle trap with malleable iron or brass unions and making requisite number of holes in walls, plinth and floor for pipe connections and making good in cement concrete 1:2:4	Each	10 No	12,406.77 (Rupees Twelve Thousand Four Hundred Six & Paise Seventy Seven only)	124,068

Sr.	Description of Work	Unit	Quantity	Rate (Rs.)	Amount
12	Water Supply & Sanitary Installation (Internal) Providing 1/2 inch (15 mm) dia plastic connection with two CP brass nuts and lining jointed to plastic pipe etc complete.	Each No	78	333.70 (Rupees Three Hundred Thirty Three & Paise Seventy only)	26,029
13	Providing and fixing CP Tee stop cock 1/2 inch (15 mm) dia of approved quality etc, complete.	Each No	78	556.60 (Rupees Five Hundred Fifty Six & Paise Sixty only)	43,415
14	Providing & fixing chromium plated Muslim bib-cock and PVC Muslim shower with one meter flexible pipe, of approved quality.	Each No	32	1,545.94 (Rupees One Thousand Five Hundred Forty Five & Paise Ninety Four only)	49,470
15	Providing and fixing Royal bath room accessories of set of 7 pieces consist of one cosmetic shelf, one towel rod with bracket, one soap dish, one tooth brush holder with glass and cover, one tissue paper holder one double hook one towel ring etc complete of approved quality as per direction of Engineer in-charge.	Each No	26	4,316.62 (Rupees Four Thousand Three Hundred Sixteen & Paise Sixty Two only)	112,232
16	Providing and fixing 24 inches x 18 inches (610 mm x 457 mm) looking mirror of Imported glass 5 mm thick fixing with CP clamps and screws	Each No	26	595.30 (Rupees Five Hundred Ninety Five & Paise Thirty only)	15,478
17	Providing and fixing uPVC Top Tile (Jali with frame) in wall complete of any colour.	Each No	62	214.63 (Rupees Two Hundred Fourteen & Paise Sixty Three only)	13,307
18	Providing and fixing water tank made of food grade polyethylene material 500 gallon (Supper tuff) i/c cost of specials and cartage upto site as per direction of Engineer in charge.	Each No	4	19,332.50 (Rupees Nineteen Thousand Three Hundred Thirty Two & Paise Fifty only)	77,330
			A-	Total: Rs.	1,415,225


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ABSTRACT OF COST

Name of work: **INSTALLATION OF WEATHER SURVEILLANCE RADAR AT MULTAN IN THE ISLAMIC
REPUBLIC OF PAKISTAN (Sub Head: Civil Work)**
House F Type, CAT-III - 08 Nos. (Ground Floor) & Bachelor Hostel

Sr.	Description of Work	Unit	Quantity	Rate (Rs.)	Amount
Water Supply & Sanitary Installation (External)					
A-	Schedule items				
i	Earth Work				
1	Excavation in all kinds of soil, murum, hard, average or soft including lift up to 5 feet (1.52 m) and lead up to one chain (30.48 m)..	% Cft (Hundred Cubic feet)	1,540 Cft	599.70 (Rupees Five Hundred Ninety Nine & Paisa Seventy only)	9,235
ii	Sewer Line				
2	Providing RCC pipes and collars of class 'A' and fixing in trench including cutting, fitting and jointing with maxphalt composition and cement mortar (1:1) and testing with water to a head of 4 feet (1.22 m) above the top of the highest pipe including cartage within 10 miles (16.09 km.) 9 inches (230 mm) dia. pipe.	P. Rft (Per Running foot)	100 Rft	240.36 (Rupees Two Hundred Forty & Paisa Thirty Six only)	24,036
iii	Cement Concrete Work				
3	Providing and laying 1:4:8 (1 cement 4 sand and 8 coarse aggregate) cement concrete using crushed graded boulders (machine broken) 1 inch (25 mm) and down gauge in foundation including levelling, compacting and curing etc. complete.	% Cft (Hundred Cubic feet)	179 Cft	11,388.12 (Rupees Eleven Thousand Three Hundred Eighty Eight & Paisa Twelve only)	20,385
4	Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch 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 tank including form works and its removal, levelling, compacting and curing etc. complete but excluding the cost of reinforcement..	% Cft (Hundred Cubic feet)	45 Cft	15,182.84 (Rupees Fifteen Thousand One Hundred Eighty Two & Paisa Eighty Four only)	6,832
5	Providing and laying first class solid burnt brick masonry set in cement mortar 1:4 in straight or curved walls 9" to 13-/2 inches thick including scaffolding, raking out Joints and curing etc. complete in foundation, basement and plinth (foundation and basement masonry upto 5 feet depth and plinth upto 4 feet height from ground level) .	% Cft (Hundred Cubic feet)	171 Cft	21,447.99 (Rupees Twenty One Thousand Four Hundred Forty Seven & Paisa Ninety Nine only)	36,676
6	Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch 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 its removal, compacting and curing ate. complete but excluding the cost of reinforcement .	% Cft (Hundred Cubic feet)	28 Cft	20,471.59 (Rupees Twenty Thousand Four Hundred Seventy One & Paisa Fifty Nine only)	5,732

Sr.	Description of Work	Unit	Quantity	Rate (Rs.)	Amount
7	Water Supply & Sanitary Installation (External) Providing and laying floors of 3 inches (76 mm) thick 1:2:4 cement concrete using crush graded boulder 3/4 inch (19 mm) and down gauge in ground floor laid in panels including form work, consolidation, finishing, and curing etc. complete.	% Sft (Hundred Square feet)	48 Sft	4,289.49 (Rupees Four Thousand Two Hundred Eighty Nine & Paisa Forty Nine only)	2,059
iv	Steel Work				
8	Providing and laying ribbed deformed steel reinforcement bars with guaranteed minimum yield stress of 40,000 psi with and including the cost of straightening, cutting, bending, binding, wastage, complete in all kinds of RCC work.	P. Kg (Per kilogram)	166 Kg	103.29 (Rupees One Hundred Three & Paisa Twenty Nine only)	17,146
9	Providing M. S. tees, angles and flats including fixing in position etc. complete in ground floor.	P. Kg (Per kilogram)	19 Kg	104.85 (Rupees One Hundred Four & Paisa Eighty Five only)	1,992
10	Providing & fixing C.I Cover & Frame as per required size & weight.	P. Kg (Per kilogram)	60 Kg	98.77 (Rupees Ninety Eight & Paisa Seventy Seven only)	5,926
v	Plastering				
11	1/2" (13 mm) thick cement plaster 1:4 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, corners, and curing etc., complete.	% Sft (Hundred Square feet)	192 Sft	1,913.00 (Rupees One Thousand Nine Hundred Thirteen only)	3,673
			A-	Total: Rs.	133,692

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