SINDH PUBLIC PROCUREMENT REGULATORY AUTHORITY

CONTRACT EVALUATION FORM

TO BE FILLED IN BY ALL PROCURING AGENCIES FOR PUBLIC CONTRACTS OF WORKS, SERVICES & GOODS

1)	NAME OF THE ORGANIZATION / DEPTT.	Mehran University of Engineerin	g & Technology, Jamshoro
2)	PROVINCIAL / LOCAL GOVT./ OTHER	Autonomous	
3)	TITLE OF CONTRACT	Construction of Mehran Univers	ity Sc. & Tech. Park,
4)	TENDER NUMBER	No. DD(Proc.)/MUET/JAM/-211	Dated: 12-07-2017
5)	BRIEF DESCRIPTION OF CONTRACT	Construction of Mehran Univers	ity Sc. & Tech. Park,
6)	FORUM THAT APPROVED THE SCHEME	Academic & Resarch Facilities (Mehran University & Tech. Par)
7)	TENDER ESTIMATED VALUE	Rs.30.726 (M)	
8)	ENGINEER'S ESTIMATE (For civil works only)		
9)	ESTIMATED COMPLETION PERIOD (AS F	ER CONTRACT) 24 Months	
10)	TENDER OPENED ON (DATE & TIME)	04-08-2017 @ 11:30 A.M	
11)	NUMBER OF TENDER DOCUMENTS SOL (Attach list of buyers)	D 03 Nos.	*1
12)	NUMBER OF BIDS RECEIVED	03 Nos.	
13)	NUMBER OF BIDDERS PRESENT AT THE	TIME OF OPENING OF BID	S Three Nos.
	BID EVALUATION REPORT (Enclose a copy)	Already Sent	*
15)	NAME AND ADDRESS OF THE SUCCESSI	FUL BIDDER M/s Canny Engin	eers & Develpers, Hyderabad.
16)	CONTRACT AWARD PRICE	Rs.30,878,003.00	
17)	RANKING OF SUCCESSFUL BIDDER IN E (i.e. 1 st , 2 nd , 3 rd EVALUATION BID).	VALUATION REPORT M/s Canny Engrs & Dev., Hyd.	(Rs.30,878,003.00) 1st
		M/s Muhammad Ismail, Hyd.	(Rs.31,329,739.00) 2nd
		M/s Sikandar Ali Khokhar, Lark	ana. (Rs.31,342,746.00) 3rd
18)	METHOD OF PROCUREMENT USED : - (T	ick one)	
	a) SINGLE STAGE – ONE ENVELOP	E PROCEDURE	Domestic/ Local
	b) SINGLE STAGE – TWO ENVELOP	E PROCEDURE	No
	c) TWO STAGE BIDDING PROCEDU	RE	No
	d) TWO STAGE – TWO ENVELOPE I	BIDDING PROCEDURE	No
	PLEASE SPECIFY IF ANY OTHER EMERGENCY, DIRECT CONTRACTIN		ENT WAS ADOPTED i.e.

19)	APPRO	OVING AUTHORITY FOR AWARD	OF CONTRACT	Vice Chancellor	<u> </u>
20)	WHET	THER THE PROCUREMENT WAS IT	NCLUDED IN A	F	Yes No
21)	ADVE	RTISEMENT:			
			Ye	s SPPRA	
	i)	SPPRA Website (If yes, give date and SPPRA Identified	figation No.)	Sr. No. 33945,	Dated: 14-07-2017
		(11 yes, give date and 511 fer identi-	No		
	ii)	News Papers			
	,	(If yes, give names of newspapers an	nd dates)	·	
			-		
			No)	
22)	NATII	RE OF CONTRACT			emestic/ V Int.
,	10110	ALL OF COMMENT	1	<u></u>	Local IIII.
23)	WHET	THER QUALIFICATION CRITERIA	A		
		NCLUDED IN BIDDING / TENDER, enclose a copy)	DOCUMENTS?		res No
	X 2		VI.		res No
24)	WHET	THER BID EVALUATION CRITERIA	1		
		NCLUDED IN BIDDING / TENDER	DOCUMENTS?		res No
	(II yes,	, enclose a copy)			
25)	WHET	THER APPROVAL OF COMPETENT	AUTHORITY W	AS OBTAINE	O FOR USING A
	METH	OD OTHER THAN OPEN COMPET	ITIVE BIDDING	2	Yes V No
				, , , , , , , , , , , , , , , , , , ,	
26)	WAS	BID SECURITY OBTAINED FROM	ALL THE BIDDE	RS?	Yes V No
	HENNYAMA				
27)		THER THE SUCCESSFUL BID WAS BEST EVALUATED BID (in case of 6		UATED	Yes No
				<u></u>	
28)	WHET	THER THE SUCCESSFUL BIDDER V	WAS TECHNICA	LLY	Yes V No
	COMP	LIANT?			
29)		THER NAMES OF THE BIDDERS A TIME OF OPENING OF BIDS?	AND THEIR QUO		
	111111	Lile of or Emilia of Dibb.			Yes V No
30)	WHET	THER EVALUATION REPORT OF	GIVEN TO BID	DERS BEFOR	E THE AWARD OF
	CONT	RACT?			

k .	
31) ANY COMPLAINTS RECEIVED (If yes, result thereof)	Yes
	No V
32) ANY DEVIATION FROM SPECIFICATIONS GIVEN IN (If yes, give details)	THE TENDER NOTICE / DOCUMENTS Yes
	No √
33) WAS THE EXTENSION MADE IN RESPONSE TIME? (If yes, give reasons)	Yes
	No √
34) DEVIATION FROM QUALIFICATION CRITERIA (If yes, give detailed reasons.)	Yes
(17 yes, give detailed reasons)	
	No V
35) WAS IT ASSURED BY THE PROCURING AGENCY BLACK LISTED?	THAT THE SELECTED FIRM IS NOT Yes No No
36) WAS A VISIT MADE BY ANY OFFICER/OFFICIAL OF SUPPLIER'S PREMISES IN CONNECTION WITH THE BE ASCERTAINED REGARDING FINANCING OF VISIT (If yes, enclose a copy)	PROCUREMENT? IF SO, DETAILS TO
37) WERE PROPER SAFEGUARDS PROVIDED ON MOB THE CONTRACT (BANK GUARANTEE ETC.)?	ILIZATION ADVANCE PAYMENT IN Yes No
38) SPECIAL CONDITIONS, IF ANY (If yes, give Brief Description)	Yes
Signature & Official Stamp of Authorized Officer Executive Engineer (Development Mehran University of Engineering & Technology, James 1	No
FOR OFFICE USE ONLY	

<u>SPPRA, Block. No.8, Sindh Secretariat No.4-A, Court Road, Karachi</u> Tele: 021-9205356; 021-9205369 & Fax: 021-9206291

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MEHRAN UNIVERSITY OF ENGINEERING & TECHNOLOGY, JAMSHORO, SINDH, PAKISTAN.

Tel:Off: +92-22-2771212, Fax: +92-22-2771403



Executive Engineer (Development)

No. XEN(Dev.)/MUET/JAM/2017/-165, Dated: 30-10-2017

M/s Canny Engineers & Developers, <u>HYDERABAD.</u>

WORK ORDER

SUBJECT:

CONSTRUCTION OF MEHRAN UNIVERSITY SCIENCE &

TECHNOLOGY PARK, MUET, JAMSHORO.

Ref:

Your Item Rate Tender, Dated: 04-08-2017

Gentlemen,

I am pleased to inform you that your percentage/ item rate tender for execution of the above subjected work consisting the scope attached herewith, at the cost of **Rs.30,878,003.00** has been accepted by the University authorities being the lowest in competition.

- * NO PREMIUM SHALL BE PAID SEPARATELY.
- * NO CARTAGE SHALL BE PAID SEPARATELY.
- * NO ESCALATION ON ANY MATERIAL SHALL BE PAID SEPARATELY.

You are, therefore, directed to please attend the office of the undersigned within Seven (07) days for executing the agreement duly adhesive stamped for completing the other formalities to start the work at site and complete the work within **Twenty** (20) **Months**; according to drawing, design & specifications under the Supervision of the Assistant Engineer (Civil), MUET, Jamshoro.

The completion time period shall be reckoned from the actual date of start of the work.

Executive Engineer (Development) MUET, Jamshoro

Copy f.w.c.s for information to:

- 1. The Director Finance, MUET, Jamshoro.
- 2. The Director (W&SP), MUET, Jamshoro
- 3. The Secretary to Vice Chancellor, MUET, Jamshoro.
- 4. The Assistant Engineer (Civil), MUET, Jamshoro.

For information. He is further directed to intimate the undersigned about the actual date of start of the work.

5. The Sub-Engineer (Civil), MUET, Jamshoro.

 The Director (A&F), Govt. of Sindh, Sindh Public Procurement Regulatory Authority, SPPRA, Karachi.



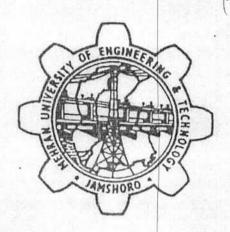
MEHRAN UNIVERSITY OF ENGINEERING AND TECHNOLOGY, JAMSHORO.



TENDER DOCUMENT & Developer, Hyd.

Dr. 24-07-2017

ISO - 9001:2008 CERTIFIED



FOR

CONSTRUCTION OF MEHRAN UNIVERSITY SCIENCE & TECHNOLOGY PARK AT MUET, JAMSHORO.

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The electric and water connection will be provided at one point respectively near the site work. The Contractor will be responsible for further distribution where ever required including making complete arrangements for shortage of water. The cost of electric energy consumed as per prevailing tariff including service charges of WAPDA will be paid by the contractor. The cost of water consumed in the work will be recovered from the bills of the contractor at 2% (two percent) of the cost of these items of works on which water is used.

CONTRACTOR.

PENGINEER.

Witness.

Witness

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Executive Engineer (Dev.)

Certified that the Tender/Agreement has been prepared/executed under our supervision and we are satisfied that it has been correctly prepared/executed.

BILL OF QUANTITIES

MEHRAN UNIVERISTY OF ENGINEERING & TECHNOLOGY, JAMSHORO

CONSTRUCTION OF MEHRAN UNIVERSITY SCIENCE & TECHNOLOGY PARK AT MUET, JAMSHORO

SCHEDULE-B

SUMMARY OF COST FOR

A	Scheduled Items		
(i)	Upto Plinth Level		
1	Part-I, Schedule Civil Works except steel	Rs.	(a472008)
2	Part-II, Schedule Civil Works (Steel)	Rs.	206770314
3	Part-III, Schedule Civil Works RCC	Rs.	198379015
	Total - (i)	Rs.	6523501/2
(ii)	Above Plinth Level		The state of the s
1	Part-I, Schedule Civil Works except steel	Rs.	461619719
2	Part-II, Schedule Civil Works (Doors & Tiles)	Rs.	(1397056)
3	Part-III, Schedule Civil Works steel	Rs.	45308334
4	Part-IV, Schedule Civil Works RCC	Rs.	3886945
5	Part-V, Non-Schedule Architectural Works	Rs.	73819321,75011
	21932190Total - (ii)	Rs.	218129634, 192
	Total - A:		283364641 2845
В	Schedule Plumbing Works		
1	Part-I, Plumbing Works-Sanitary Items. (Schedule Items)	Rs.	(223940)
2.	Part-II, Plumbing Works- Piping - (Scheduled Items).	Rs.	(380771/)
3.	Part-III, Non-Schedule Plumbing Works	Rs.	1050747
	Total - B:	Rs.	7097850
	Total - :A+B	Rs.	290462497,29165
C	External Development		B
1	Part-I, External Works Drainage System (S.I).	Rs.	367977/3
	Total - C:	Rs.	367977/5
D	Special Items	- BUNGE	The state of the s
1	Part-I, Special Items (N.S.I).	Rs.	(1344550)
	Total - D:	Rs.	13445550
	Grand Total (A+B+C+D)	Rs.	3075877615
	In Million	Rs.	(30.759) 30878663

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SCHEDULE-B

Summary of Cost for Construction of Mehran University Science & Technology Park at MUET, Jamshoro

S.No	RUCTURE WORK FOR UPTO PLINTH DESCRIPTION	QTY.	UNIT	RATE(RS)	AMOUNT(RS
Part-1	Schedule Civil Works Except Steel	2.7.	U.11.1	- ALTE (NO)	ruito di vi (no
	EXCAVATION FOR FOUNDATION			-	
01	Excavation in foundation of building, bridges and other structures including dagbelling, dressing, refilling around structure with excavated earth watering and ramming lead upto 5 ft. ii) In hard soil or soft murum. Item 18(c) Page-4	26,247	%0 cft	5747.5	150,854.63
02	Excavation in rock dressed to designed section, grades and profiles, excavated material exposed of within 100 feet lift upto 5ft a) Medium hard rock requiring occasional blasting Item 6(b) page-2	8,083	%0 cft	10133	81,905.04
03	EARTH FILLING i) Filling, watering and ramming earth in floor with surplus earth from foundation lead upto one chain and lift upto 5 ft. a) Available at site Item 21 Page-4 b) From outside source Item 21 Page-4+Item 8(a) page-2	8.330	%0 cft %0 cft	1512.5 8951.18	12.599.13
04	P.C.C (1:4:8) Cement concrete plain (1:4:8) using sulphate resistant cement type (v) including placing, compacting, finishing, curing, complete, (Including screening and washing of stone aggregate without shuttering). Item 5(i) Page-16	4,500	% cft	11288.75	507,993.75
05	P.C.C (1:3:6) Cement concrete plain (1:3:6) using sulphate resistant cement type (v) including placing, compacting, finishing, curing, complete, (Including screening and washing of stone aggregate without shuttering). i) Grade Slab Item 5(h) Page-16	1,875	% cft	12595	236,156.2
06	BRICK MASONARY IN FOUNDATION & PLINTH Pacca brick work in foundation & plinth in cement sand mortor 1:6 using sulphate resistant cement type (v). Item 4(e) Page-21	2,644	% cft	11948.36	315,914.64
07	BRICK CLADDING Brick cladding upto plinth (1:4) Item 4(i) Page-20	212	% cft	12501.41	26,502.99
08	CEMENT PLASTER UPTO PLINTH Cement Neru plaster 1:2 using sulphate resistant cement type (v) i) '/s" thick	2,719	% sft	1438.46	39,111.73
09	Item 11(b) Page-58 BITUMEN PAINTING				





10	Hi BOND Pre-Packaged Polymer Modified Mortar			-	
10	(DHPMM) Item 7(ii) Page-17	300	Kg	459.8	137,940.00
11	GRADED STONE Dry rammed brick or stone ballast 11/4" to 2" gauge. i) Footings/UGWT	7,804	% cft	3327.5	259,678.10
	ii) Grade Slab Item (2) Page-15	5.467	% cft	3327.5	181,914.43
12	DAMP PROOF COURSE (2" thick) (S.R Cement) Damp proof course with cement sand & shingle/crush concrete (1:2:4) using sulphate resistant cement type (v) including 2 coats of asphaltic mixture. (Over Walls) Item 28(b) Page-19	1,294	% sft	3912.85	50.632.23
13	POLYTHENE SHEET Providing and laying single per layer of polythene sheet 0.13 mm thick for water proffing as per specification and instructions of Engineer Incharge. a) Over wall b) Under floor Item 38 Page-38	1,888 10,934	per sft per sft	10.7 10.7	20,201.60 116,993.80
14	TERRAZO FINISH 1/2" thick Item 39(b) Page 45	750	% sft	10580.93	79,356.9
15	MS RUNGS 3/4" dia Item 8(a) Page 17	1	Cwt	4820.2	5,013.0
	PVC WATER STOPPER	124	Rft	463	57,412.00

S.No	DESCRIPTION	QTY.	UNIT	RATE(RS)	AMOUNT(RS)
Part-11	Schedule Civii Works (Steel)				
01	STEEL REINFORCEMENT Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints fastenings, including cost of binding wire also includes removal of rust from bars. i)Upto Plinth a) Grade 40 b) Grade 60	390.00	per Cwt per Cwt	4820.2 5001.7	1,950,663.00
	Item 8(a) page-17	and the same			
				SUB-TOTAL	1,950,663.00

PremiumO6 % Above/ Below on Schedule Items 119

TOTAL FOR SCHEDULE ITEMS

DESCRIPTION	Q'	TY.	UNIT	RATE(RS)	AMOUNT(RS)
Schedule Civil Works except RCC					
REINFORCED CEMENT CONCRETE (S.R Cement) Reinforced cement concrete (1:2:4) using sulphate resistant cement type (v) or more rich to provide 6"x12" cylinder strength of 3000 psi at 28 days age (equivalent cube strength = 3750 psi) including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all					

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Part-111 01



0	kinds of forms, moulds, lifting, shuttering, curing, rendering and finishing exposed surface including screening and washing of stone aggregate. Item 6(a)(I) Page-17	4,000	per cft	337	1.348,000.00
02	REINFORCED CEMENT CONCRETE (S.R Cement) Reinforced cement concrete (1:1-1/2:3) using sulphate resistant cement type (v) or more rich to provide 6"x12" cylinder strength of 4000 psi at 28 days age (equivalent cube strength = 4500 psi) including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms, moulds, lifting, shuttering, curing, rendering and finishing exposed surface including screening and washing of stone aggregate. Item 6(a)(II) Page-17	1.500	per cft	349	523,500.00
			- 3	SUB-TOTAL	1,871,500.00
	Premium Ob	% Above/	Below on S	chedule Items	1122901
		TOTAL F	OR SCHED	ULE ITEMS	1983790

A-ii) STRUCTURE WORK ABOVE PLINTH LEVEL

S.No	DESCRIPTION	QTY.	UNIT	RATE(RS)	AMOUNT(RS
Part-1	Schedule Civil Works		complete contract contracts		
01 i.	Brick Masonry works in super structure (above plinth level) Chapter No.5, Page No. 21 Providing and laying approved first class burnt brick masonry in super structure walls at any height and any floor, laid and jointed with cement and approved source sand machine mixed mortar, masonry to be laid in course true to line, level and plumbing, protected and properly cured including scaffolding and providing deep joints to receive rendering. All work to be completed as per drawings and specifications, including P/F specified anchorage with concrete members and directed by the Engineer. Internal Walls (Item No. 5, (i e) & 6 ii (where required) Ground Floor 4 1/2""thick internal/external walls in (1:4) CSM	363.82	%cft.	13.227.41	48.123
	4 1/2"thick for cavity wall internal/external walls in (1:4)	303.04	70011.	13,227.41	40,123
	CSM	2,189.62	%cft.	13,227.41	289,630
	9"thick and above internal/external walls in (1:6) CSM	2,519.90	%cft.	12,674.36	319,381
	9"thick for cavity wall internal/external walls in (1:6) CSM	1,624.78	%cft.	12,674.36	205,930
ii	Mezzanine Floor				
	4 1/2""thick for cavity internal/external walls in (1:4) CSM	577.86	%cft.	13,666.04	78,970
	9"thick and above internal/external walls in (1:6) CSM	1,155.72	%cft.	13,112.72	151,546
	9"thick and above internal/external walls in (1:6) CSM	751.15	%cft.	13,112.72	98,496
02	Plain Cement Sand Wall Plastering, Chapter No.9, Page 52 Providing and applying cement plaster at any floor or at any height using approved quality sand preferably machine mixed mortar, including all bends, corners, recesses including scaffolding and hacking the concrete surfaces, arching the masonry joints and providing 8" wide GI wire mesh of 17 SWG I"xI" size fixed with GI staples on masonry joints, concrete joints. All plaster to be finishes smooth with steel float in true to level, line and plumb and properly cured, complete as per drawings, specifications and as directed by the Engineer.				





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i.	joints, concrete joints. All plaster to be finishes smooth with steel float in true to level, line and plumb and properly cured, complete as per drawings, specifications and as directed by the Engineer. Item No. 11b Internal walls/columns plaster 1/2" thick in 1:4 CSM a) Ground Floor	21,383.80	%sft.	2,283.93	488.391.02
	b) Mezzanine Floor	3,441.20	%sft.	2,424.90	83,445.6
ii.	Item No. 11(a) cement plaster 3/8" thick 1:4 CSM on walls/up stand/down stand beam projection.				
		24,825.00	%sft.	2,197.52	545.534.30
03	Chapter 11, Page 55, item 34 Extra labor rate for making grooves of 1"x1/4" or 3/4" x 1/2" plastered surface with true edges both vertically and horizontally with uniform depth and with groove base smoothly finished etc. complete as per instruction of Engineer Incharge	20	rft.	7.71	15"
04	Chapter 9, Page55, Item 35 Extra labor for making cement plaster pattas/band where required width not less than 6" width fine finishing as				
	directed	1,207	rft.	19.36	23,36
05	PLASTIC EMULSION PAINT Chapter 9, Page 56, Item 40 A+B Preparing surface and painting with plastic emulsion, paint of approved make, including rubbing the surface with sand paper, filling with putty and then painting compelte (new surface) a) Ground Floor				
	1, 5,5 ma 1, 60.	20,740.00	%sft.	1,695.35	351,615.5
06	Chapter 9, Page 56, Item 38 A+B Preparing surface and painting with weather coat including rubbing the surface, filling and painting with weather coat of approved make, complete (new surface) three coats a) Ground Floor	10,136.76	%sft.	1,948,10	197.474.2
	b) Mezzanine Floor	2,007.45	%sft.	2,176.19	43,685.9
07	Chapter No.11, Page 70, Item No.5 c i. & ii Providing and applying three coats of enamel painting (Mat finish/all-rounder including cleaning, approved make premixed putty filling, sand papering and a coat of primer complete as per manufacturers standards and as directed by the Engineer.	1,870.00	%sft.	896.39	16,762.4
08	Roof Treatment, Chapter No.7, Page 33, Item No.2, second class tile roofing consisting of 4" earth and 1" mud plaster with gobri leeping over 1/2" thick cement plaster 1:6 with 34 Lbs. %sft of hot bitumen coating sand blinded 1.cft for %sft, provided over one layer of 12" x 6" x 2" tiles laid in 1:6 mortar including 1:2 cement pointing under neath of tiles complete including curing etc.	1,5-510			- W - W - W - W - W - W - W - W - W - W
09	a) On Roof Polythene Sheet, Chapter No.7, Page 38, Item No. 38 Providing and laying under floors or where required black low density flexible polythene sheet of single thickness not less than 0.46mm and weighing approximately 0.48 KG per SQ.M or in two layers having matching weight including the side and end laps of 4" width turning 4" on walls and sealing all the joints with masking tape etc., complete as per drawings, specifications and as directed by the Engineer	-	% sft	8,748.33	
	On Top Roof	10,721.91	per sft	10.70	114,724.4

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10	Morice Lock	T	-	1	
	Providing and fixing approved quality mortice lock. Page 57, item No. 21	30.00	each	1,786.13	53,583.9
11	Anti-termite treatment Providing Anti-termite treatment by spraying / sprinkling / spreading Neptachlar 0.5% Emulsion as an ever all pre- construction treatment in slab type construction under the slab and along attached perches or entrances etc. complete as per directions of Engineer Incharge Item 92 Page 109	8,880.00	sft.	4.16	36,940.8
12	MODIFIED MORTOR (DHPMM) Extra cost due to use of Hi bond Pre-packaged Polymer Modified mortor (DHPMM) as an admixture in concrete mix for increasing durability to be used in concreting, flooring, block/brick stone masonry or plastering as % by weight of cement. (for OHW Tank) i) Over Head Water Tank Item 7(ii) Page 17	281	Kg	459.8	129.20
13	MS RUNGS 3/4" DIA Fabrication of mild steel reinforcement for ecment concrete including cutting, bending, laying in position. making joints and fastenings including cost of bending wire(also includes removal of rust) Item 8(a) Page 17	1.69	Cwt	5152.95	8.70
14	TERRAZO FINISH 3/8" THICK DADO Mosaic or dado or skirting one part of grey cement and two parts of marble chips laid over 1/2" thick cement plaster 1:3 complete with finishing (1/2" thick) Item 39(b) Page 45		%sft.	10580.93	5,71
15	VENT PIPE (PVC) 3" DIA CLASS 'B" Item E(4)(b), Part-B(II) Vol-III, Page 23	12	Rft	136	1.63
16	MOSAIC FLOOR Providing mosiae topping 1/2" thick in pannels of approved any pattern of one part of white cement to two parts of marble chips of required shade and size and of approved pigment in the ratio of 1:12 of cement used in topping including rubbing and polishing etc, complete as per instructions of Engineer Incharge.		sft.	123.16	1,03
17	Iron grill Providing and fixing iron grill using solid square bars size 1/2" x 1/2" placed 4" c/c and frame of flat iron Patti of 3/4" x 1/4" i/c circle shape at 1'-0" apart fitted with screws and pin i/c painting 3 coats with coat of red oxide paint etc. Chapter 17, Page 94, Item 30	3,500.00	sft	194.16	679,50
18	MS CIRCULAR STAIR Chapter No. 17, Page 91, Item No. 1	60.00	CWT	6,420.61	385,236.
19	C.I MAN HOLE COVER AND FRAME Providing and fixing C.I Manhole Cover with frame i/c cost of material. Item (j) 1 Page-35	20	Kg	140.00	2,800.
				SUB-TOTAL	4,354,903.4
	Premium	6 % Above/	Below on S	Schedule Items	261294
				DULE ITEMS	4616197
S.No	DESCRIPTION	QTY.	UNIT	RATE(RS)	AMOUNT(RS)
Part-11	Schedule Civil Works (Doors & Tiles)				

S.No	DESCRIPTION	QTY.	UNIT	RATE(RS)	AMOUNT(RS)
Part-11	Schedule Civil Works (Doors & Tiles)				
01	Aluminum Doors/Windows/Ventilators, Chapter No. 18, Page 108, Item No. 83, 84 & 85 Providing and fixing 2mm sectional thickness 101 mm				
	, 50				





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	wide of approved color aluminum doors/windows/ventilators including 5mm thick approved				
	glass fixed to concrete or masonry surfaces by means of plastic fisher plugs, screws for windows and expansion bolt for door etc. inclusive but not limited to hinges. Matex Japan rollers, sliding lock having press buttons, handles, stays, PVC glazing gasket, caulking compound etc., complete as per drawings and as directed by the Engineer	1 0			
i	Door	-	sft.	1,507.66	
ii	Window	-		1,449.69	
02	Wood work (Chapter No.10, Page 57, Item No. 7(b) Fist class deodar wood wrought, joinery in doors and windows etc, fixxed in position including chowkats hold fasts hinges, iron tower bolts, chocks cleats, handles and cords with hooks, etc. Deodar panelled or panelled and glazed, or fully glazed. (a) 1 3/4" thick, doors	750	SFT	1273.76	955,32
03	French polishing (Chapter No.1, Page 70, Item No. 7-a) French polishing complete. (a) On new work.	1204	%SFT	1391.5	16,75
04 i.	Glazed Ceramic Tiles Dado (Master/equivalent make), Chapter No.8, Page 45, Item No. 38 Providing and fixing glazed ceramic tiles of size as below of approved make and texture shade in dado set over cement slurry and filling the joints with neat white cement with matching pigments including 3/4" thick base plaster of cement, sand (1:4) with curing and cleaning etc., complete as per drawings, specifications and as directed by the Engineer a) size approved by engineer Incharge Ground Floor Bathroom	850.00	sft.	282.99	240,541.5
05	Non Skid Ceramic Flooring Tile (Chapter No.8, Page 43, Item No. 25) Providing and laying non-skid ceramic tiles in floor of approved shade with cement slurry laid in slope towards floor drain and including filling the joints in neat white pigment to match the color of tiles in floors etc., complete as per drawings, specifications and as directed by the Engineer a) size approved by engineer Incharge				
i.	Bathroom	379.72	sft.	277.47	105,361.7
			-	SUB-TOTAL	1,317,976.94
		. 1/			70,000

S.No	DESCRIPTION	QTY.	UNIT	RATE(RS)	AMOUNT(RS)
Part-III	Schedule Civil Works (Steel)				
01	STEEL REINFORCEMENT				
	Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints fastenings, including cost of binding wire also includes removal of rust from bars. i)Ground Floor-Mezzanine Floor a) Grade 40		per Cwt	4820.20	
	b) Grade 60	-	per Cwt	5001.7	
	Item 8(a) page-17				
	ii)Mezzanine Floor-Roof a) Grade 40	-	per Cwt	4971.45	

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Premiumo6 % Above/ Below on Schedule Items 790781

TOTAL FOR SCHEDULE ITEMS 13970561

		-		SUB-TOTAL	4,274,371.00
Item 8(a) page-17 + Item 29 page 19					
b) Grade 60	35.50	per	Cwt	5455.45	193,668.48
iv)O.H Water Tank a) Grade 40	_	per	Cwt	5273.95	-
b) Grade 60	791,916	per	Cwt	5152.95	4,080,702.52

S.No	DESCRIPTION	QTY.	UNIT	RATE(RS)	AMOUNT(RS)
Part-IV	Schedule Civil Works (RCC)				
01	REINFORCED CEMENT CONCRETE				
	Reinforced cement concrete (1:2:4) using sulphate resistant cement type (v) or more rich to provide 6"x12" cylinder strength of 3000 psi at 28 days age (equivalent				

cube strength = 3750 psi) including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms. moulds, lifting, shuttering, curing, rendering and finishing exposed surface including screening and washing of stone aggregate. i)Ground Floor-Mezzanine Floor a) Lintels

b) Parapet REINFORCED CEMENT CONCRETE

02

Reinforced cement concrete (1:2:4) using sulphate resistant cement type (v) or more rich to provide 6"x12" cylinder strength of 4000 psi at 28 days age (equivalent cube strength = 4500 psi) including all labor and material except the cost of steel reinforcement and its labor for bending and binding which will be paid separately. This rate also includes all kinds of forms, moulds, lifting. shuttering, curing, rendering and finishing exposed surface including screening and washing of stone aggregate.

a) Columns	911	per cft	337.00	307,007.00
b) Beams	265	per cft	337.00	89,305.00
c) Slabs Item 6(a)(I) Page-17	751	per cft	337.00	253,087.00
i) Mezzanine Floor- Roof a) Columns	867	per cft	337.00	292,179.00
b) Beams	1,600	per cft	337.00	539,200.00
c) Slahs	5.700	per off	337.00	1 920 900 0

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Per cft

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Item 6(a)(II) Page-17				
iv) O.H Water Tank a) Bottom Slab	150.00	per cft	385.30	57,795.00
b) Walls	404	per cft	385.30	155,661.20
c) Top Slab		per cft	385.30	-

	Item 6(a)(II) Page-17		per cit	383.30	-
03	PVC water stopper Providing "Expansion Joint" in concrete work of 9" wide corrugated pvc water stopper (with bulb) i.c soldering cost of material and labour etc complete. Item b(2) Page-56	50	rft	463.00	23,150.0

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28,645.00

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a) Fabrication of heavy steel work with angles, tees, flat iron, round iron and sheet iron for making trusses, girders, plates etc. including cutting, tanks etc. including cutting, drilling, rivetting, handling assembling and fixing but excluding erection in position. Item 2 page-91	2	Per Cwt	4,928.49	
b) Erection and fitting in position of iron trusses staging of water tanks etc. Item 3 page-91	•	Per Cwt	271.04	-
rien 5 pages 1			SUB-TOTAL	3,666,929,20
Premiumo6	% Above	Below on S	Schedule Items	220015
				202001.01



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S.No	DESCRIPTION Non-Schedule Architectural Works:	QTY.	UNIT	RATE(RS)	AMOUNT(RS)
art-V	The Control of the Co				
01	ALUMINIUM COMPOSITE PANEL CLADDING Providing and fixing 4mm thick aluminum panels Alpolic comprised of 3mm thick non - combustible mineral filled core sandwiched between two skins of 0.5mm thick aluminum sheet (one side of panel surface to be stone finished produced by coating metallic primer and uniform based fluorocarbon and reverse side with polyester based wash coating to be fixed with aluminum channel 2mm thick base framing using aluminum rivets, aluminum angle, capping screws, fixing expansion bolts and covering the panel joints with Alpolic sheet strips. Panels to be fixed on all surface like wall, window sides, parapet wall, coping etc., as shown on the drawings and as directed by the Engineer.	3,000.00	P.sft	8001	24000001
02	Providing and fixing 1.6mm sectional thickness 101 mm wide of approved color aluminum doors/windows/ventilators including 5mm thick approved glass fixed to concrete or masonry surfaces by means of plastic fisher plugs, screws for windows and expansion bolt for door etc. inclusive but not limited to hinges, Matex Japan rollers, sliding lock having press buttons, handles, stays, PVC glazing gasket, caulking compound etc., complete as per drawings and as directed by the Engineer	1,400.00	P.sft	6001	840000
03	Porcelain Floor Tiles Providing and laying imported matt finish Porcelain tile in size 16"x16" of approved make, colour, and shade with patches/borders pattern, laid on cement paste having addition of tile bond at 15% by weight of cement laid over 1" thick 1:3 cement sand base mortor, over existing PCC 1:2:4 (cost excluded) complete as per detail shown on the drawing, specifications, and as directed by the Engineer i) Ground Floor/Mezzanine	12,800.00	P.sft.	2901	3712000
04	Providing and fixing of imported porcelain skirting 4"high and 16" length in size of approved make, colour and shade fixed with cement paste having addition of tile bond at 15% by weight of cement and filling the joints with neat white cement slurry with matching colour pigment including 3/4" thick base plaster of cement sand (1:4) with curing and cleaning etc. complete as shown on the drawing, specifications and as directed by the Engineer. i) Ground Floor ii) Mezzanine Floor	516.89 42.57	P. sft. P. sft.	2901	149898
05	Hydraulic Door Closer Providing and fixing Japan made locally available New Star Japan made hydraulic door closer to wood or aluminum door etc., complete as per drawings, specifications and as directed by the Engineer	2	Each	40001	8000()
06	THERMOPORE SHEET Providing and fixing thermopore sheet 2" thick around water tank walls for heat insulation.	404	per sft	100/	404001
07	Difference Cost of S.R. Cement.	4,385.77	Pipag	861)	219289
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S. No.	- DESCRIPTION	QTY.	UNIT	RATE (Rs.)	AMOUNT (R
В	Plumbing Works:				
Part-I	Plumbing Works-Sanitary Items. (Schedule Items)				
1	Providing & fixing a squatting type white glazed earthenware W.C. pan with including the cost of flushing Cistern with internal fittings and flush pipe with bends & making requisite number of holes in wall, plinth and floor for pipe connection and making good in cement concrete 1:2:4.				
	a). With 4" dia white glazed earthen ware trap & plastic thumble (item no. 1A, chapter-1)	2	Each	5,044.60	10,089.20
2	Providing & fixing European type white glazed earthenware wash down W.C. pan complete with and including the cost of white/black-plastic seat (Best quality) and lid with C.P. brass hinges and buffers. 3 gallons white glazed earthenware low level flushing cistern with siphon fittings. 1-1/2" dia. white porcelain enameled flush bend. 3/4" dia and making requisite No. of holes in walls. plinth & floor for pipe connection and making good in cement concrete 1:2:4 (Foreign quality) (item No.5, chapter-1)	5	Each	11,477.40	57,387.00
3	Providing & fixing 24" x 18" lavatory basin in white glazed earthenware complete with and including the cost of W.I. Or C.I. Cantilever bracket 6 inches built into wall, painted white in two coats after a primary coat of red lead paint, a pair of 1/2" dia chrome plated pillar taps, 1-1/2" dia rubber plug and chrome plated brass chain, 1-1/4" dia malleable iron or brass, brass unions making requisite number of hole in walls, plinth and floor for pipe connection and making good in cement concrete 1:2:4, standard pattern including earthen ware glazed pedestal (Item No.8, chapter-1)	7.	Each	4,253.70	29,775.90
4	Providing and fixing steel sink stainless local make complete with cast iron or wrought iron brackets 6 inches built in wall, 1-1/2" rubber plug chrome plated brass chain 1-1/2" c.p. brass waste, with 1-1/2" PVC waste pipe and making requisite number of holes in wall and plinth and floor for pipe connection and making good in concrete 1:2:4 40"x20" local make (item No. 19a, chapter-1)	2	Each	5,052.30	10,104.60
5	Providing and fixing steel sink stainless local make complete with cast iron or wrought iron brackets 6 inches built in wall. 1-1/2" rubber plug chrome plated brass chain 1-1/2" c.p. brass waste, with 1-1/2" PVC waste pipe and making requisite number of holes in wall and plinth and floor for pipe connection and making good in concrete 1:2:4, size 38"x18" local make (item No. 19b, chapter-1)	0	Each	5.162.30	
6	Providing and fixing c.p. brass toilet paper holder of standard size with chrome plated brass brackets complete (superior quality) (item No.2b, chapter-2)	5	Each	1,071.40	5,357.00
7	Providing and fixing chrome plated brass towel rail complete with brackets fixing on wooden cleats with 1" long c.p. brass screws.				
	Towel rail 24' long, 3/4" dia round or square superior quality (item No.1- III(b), chapter-2).	4	Each	1,082.95	4,331.80
8	Providing & fixing 24" x 18" beveled edge mirror of Belgium glass complete with 1/8" thick hardboard and c.p brass screw fixed to wooden pleat with glass shelves. b) Superior quality (item No.3(b)chapter-2).	7	Each	2,376.00	16,632.00
9	Providing & fixing soap tray earthen with c.p. brass screws etc. complete (item No.5, chapter -2)	5	Each	497.20	2,486.00
10	Supplying & fixing in position 1/2" dia. C.P. bib cocks standard pattern. (Item No. 2(1),b, chapter-6).	2	Each	150.92	301.84
11	Supplying & fixing in position 1/2" dia tee stop of superior quality with C.P. head (item No.12b, chapter-6).	25	Each	889.46	22,236,50
12	Supplying and fixing cold and hot water basin mixer of superior quality with c.p head etc., complete (item No.14 (b), chapter-6).	7	Each	3,179.00	22,253.00
14	Supplying and fixing of Sink mixer of superior quality CP haed etc complete. Item-17, chapter-6.	2	Each	2,745.60	5,491.20
15	Supplying and fixing of CP Muslim shower with double bib cock	7	Each	3,432.00	24,024.00

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and ring pipe etc complete. Item 19 (a), chapter-6.

16 Providing and fixing of swan neck piller cock of superior quality single C.P. Head Dia 1/2 inch. Item No. 16, chapter-6 (for Laundry sinks)

1 Each 795.23 795.23

SUB-TOTAL 211,265.27

Premium 6 % Above/ Below on Schedule Items 12675

TOTAL FOR SCHEDULE ITEMS 223946

S.No	DESCRIPTION	QTY.	UNIT	RATE(RS)	AMOUNT(RS
Part-II	Plumbing Works- Piping - (Scheduled Items).				
i	Providing & fixing 6"x2" or 6"x3" C.I. Floor trap of approved self-cleaning design with a C.I. Screwed down grating with or without a vent arm complete with and i/c, making requisite No. of holes in walls, plinth and floor for making pipe connection and making good in cement concrete 1:2:4 (item No. 20,chapter-1).	18	Each	2.042.43	36.763.74
2	Providing & fixing Soil and Waste water pipes including cutting, fitting, and extra painting to match the color of building, including cutting and fitting C.I. Pipes in trenches and testing with water to pressure head of 200 feet. ii) 3" dia (item 13,chapter-3) iii) 4" dia.(item-1, chapter-3)	180 105	P.Rft P.Rft	289.25 333.20	52,065.00 34,986.00
3	Providing & fixing 4" dia C.I. Fittings including extra painting to match the colour of the Building. a) Plain bend of required degree.	25	Each	566.70	14,167.50
	b) Equal and unequal plain branch of required degree	18	Each	702.00	12,636,00
	c) Equal & unequal plug branch of required degree.	8	Each	270.60	2,164.80
	d) Lead caulked joint.	175	Each	341.85	59,823.75
	e) Plain bend of required degree with access plug.	4	Each	599.60	2.398.40
4	Providing & fixing 3" dia C.I. Fittings including extra painting to match the colour of the Building. a) Equal and unequal plain branch of required degree.	22	Each	591.30	13,008.60
	b) Lead caulked joint.	167	Each	315.36	52,665.12
	c) Plain bend of required degree.	26	Each	495.60	12,885.60
5	Providing & fixing Handle valves (China) Item No. 5 Chapter-6. i) 1/2" Dia	0	Each	591.30	
	ii) 3/4" Dia	2	Each	271.92	543.84
	iii) 1" Dia	4	Each	365.42	1,461.68
	iv) 1-1/4" Dia	0	Each	475.42	
	v) 1-1/2" Dia	0	Each	640.92	
	vi) 2" Dia	2	Each	1,382.92	2,765.84
6	Providing G.I. Pipes, specials and clamps etc. i/c fixing, cutting and fitting complete with and including the cost of breaking through walls and roof, Making good etc. painting 2- coats after cleaning the pipes etc. with white zinc paint with pigment to match the colour of the building. Testing with water to a pressure head of 200 feet and handling. Item No.1, (Chapter-4). i) 1/2" Dia	135	P.Rn.	72.21	9,748.35
	ii) 3/4" Dia	110	P.Rft.	95.79	10,536.90
	iii) 1" Dia	90	P.Rft.	128.55	11,569.50
	iv) 1-1/4" Dia	12	P.Rft.	153.99	1,847.88
	v) 1-1/2" Dia	23	P.Rft.	188.97	4,346.31
	vi) 2" Dia	98	P.Rft.	233.00	22,834.00
			1	SUB-TOTAL	359,248,81
		-	7		///

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TOTAL FOR SCHEDULE ITEMS 380

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S.No	DESCRIPTION	QTY.	UNIT	RATE(RS)	AMOUNT(RS
art-III	Plumbing Works (Non-Schedule Items)				
1	Providing & fixing plastic shelf with rawl plug and I" long	7	Each	1	201
	C.P. brass screws. (Master make or equivalent).			2001	1400/
2	Providing & fixing 1-1/2" dia uPVC pipe for wash basin drain				
-	The same of the sa		1	60	
	i) 3" dia.	28	rft.	2087	(5824).
3	Providing and fixing C.I. Cleanouts with sunk type C.P. brass		1	1)	(-1)
#f.	screw caps including cost of making requisite number of hole				
	in walls, plinth and floor for pipe connection and restoring				
	damaged surfaces to original condition.				1
	a) 3" dia.	6	Each (30001	180001
	b) 4" dia	0	Each	1	()
4	Providing and fixing 24 SWG C.P copper connection 18" x	25	Each		
4	3/8" with two C.P. brass nuts. etc., complete (Asia code No.	***	Linkin		1
	329 or equivalent)			5001.1	12-502
5	Providing and installing of c.p. bottle trap as manufactured by	9	Each		
2		,	Cacii	10501	9457
-,	Master / Asia or equivalent		-	100	()
6	Providing and fixing of Geysers (Electric operated) with all				
	accessories and connecting to cold and hot water piping.				
	(Make singer, Venus, Pakistan or equivalent)		01	ATROA	19-7-001
	i) Capacity = 10 Gallons (3.0 kW.)	1	Each	D 1300	0-1300
	ii) Capacity = 6 Gallons (1.5 kW.)	1	Each	252576	77800
7	Providing and fixing of Dia 3 inches C.I. Gooseneck air vent	2	Each	18001	36001;
	on overhead water tank.			1000	300
8	Providing and fixing of Dia 1-Inches best quality heavy duty	1	Each		
	type Float Valve, provided with Dia 6 Inches (150mm) copper				
				1, (- 1/	1 - 1
	ball and heavy duty bronze float arm. Valve should provide			11 CAAL	1 . 1
	tight shut off at full close position. As per Approval of Engineer incharge.	AL FOR	NON-SCHEI	ULE ITEMS	105074
S No.	tight shut off at full close position. As per Approval of Engineer incharge.			DULE IPEMS	
S.No	tight shut off at full close position. As per Approval of Engineer incharge. TOT DESCRIPTION	AL FOR	NON-SCHEI	. · · · · · · ·	105074 AMOUNT(R
С	tight shut off at full close position. As per Approval of Engineer incharge. TOT DESCRIPTION External Development:			DULE IPEMS	
С	tight shut off at full close position. As per Approval of Engineer incharge. TOT DESCRIPTION			DULE IPEMS	
C	tight shut off at full close position. As per Approval of Engineer incharge. TOT DESCRIPTION External Development: External Works- Drainage System (Scheduled Items).	QTY.	UNIT	DULE ITEMS RATE(RS)	AMOUNT(R
C Part-I	tight shut off at full close position. As per Approval of Engineer incharge. TOT DESCRIPTION External Development: External Works- Drainage System (Scheduled Items). Excavation in pipe line in trenches and pits in hard soil.	QTY.	UNIT	DULE IPEMS RATE(RS) 3,900.00	AMOUNT(R 7,020.00
C Part-I	tight shut off at full close position. As per Approval of Engineer incharge. TOT DESCRIPTION External Development: External Works- Drainage System (Scheduled Items). Excavation in pipe line in trenches and pits in hard soil. Excavation in pipe line in trenches and pits in gravity soil.	QTY.	UNIT	DULE ITEMS RATE(RS)	AMOUNT(R 7,020.00
C Part-I	tight shut off at full close position. As per Approval of Engineer incharge. TOT DESCRIPTION External Development: External Works- Drainage System (Scheduled Items). Excavation in pipe line in trenches and pits in hard soil. Excavation in pipe line in trenches and pits in gravity soil. Providing and laying PVC pipe class 'B' with collar / solvent	QTY.	UNIT	DULE IPEMS RATE(RS) 3,900.00	AMOUNT(R 7,020.00
C Part-I	tight shut off at full close position. As per Approval of Engineer incharge. TOT DESCRIPTION External Development: External Works- Drainage System (Scheduled Items). Excavation in pipe line in trenches and pits in hard soil. Excavation in pipe line in trenches and pits in gravity soil. Providing and laying PVC pipe class 'B' with collar / solvent joints.	QTY.	UNIT	DULE IPEMS RATE(RS) 3,900.00	AMOUNT(R 7,020.00
C Part-I	tight shut off at full close position. As per Approval of Engineer incharge. TOT DESCRIPTION External Development: External Works- Drainage System (Scheduled Items). Excavation in pipe line in trenches and pits in hard soil. Excavation in pipe line in trenches and pits in gravity soil. Providing and laying PVC pipe class 'B' with collar / solvent joints. Make: "DADEX", "POPULER" or EQ.	QTV.	UNIT % Cft % Cft	DULE IPEMS RATE(RS) 3,900.00 4,200.00	7,020.00 6,300.00
C Part-I	tight shut off at full close position. As per Approval of Engineer incharge. TOT DESCRIPTION External Development: External Works- Drainage System (Scheduled Items). Excavation in pipe line in trenches and pits in hard soil. Excavation in pipe line in trenches and pits in gravity soil. Providing and laying PVC pipe class 'B' with collar / solvent joints. Make: "DADEX", "POPULER" or EQ. i) Dia 150 mm (6 Inches).	QTY.	WNIT % Cft % Cft P.Rft	3,900.00 4,200.00	7,020.00 6,300.00
C Part-I	tight shut off at full close position. As per Approval of Engineer incharge. TOT DESCRIPTION External Development: External Works- Drainage System (Scheduled Items). Excavation in pipe line in trenches and pits in hard soil. Excavation in pipe line in trenches and pits in gravity soil. Providing and laying PVC pipe class 'B' with collar / solvent joints. Make: "DADEX", "POPULER" or EQ.	QTY. 1.8 1.5 32 170	WNIT % Cft % Cft P.Rft P.Rft	DULE IPEMS RATE(RS) 3,900.00 4,200.00	
C Part-I	DESCRIPTION External Development: External Works- Drainage System (Scheduled Items). Excavation in pipe line in trenches and pits in hard soil. Excavation in pipe line in trenches and pits in gravity soil. Providing and laying PVC pipe class 'B' with collar / solvent joints. Make: "DADEX", "POPULER" or EQ. i) Dia 150 mm (6 Inches). ii) Dia 200 mm (8 Inches).	QTY.	WNIT % Cft % Cft P.Rft	3,900.00 4,200.00	7,020.00 6,300.00
C Part-I	TOT DESCRIPTION External Development: External Works- Drainage System (Scheduled Items). Excavation in pipe line in trenches and pits in hard soil. Excavation in pipe line in trenches and pits in gravity soil. Providing and laying PVC pipe class 'B' with collar / solvent joints. Make: "DADEX", "POPULER" or EQ. i) Dia 150 mm (6 Inches). ii) Dia 200 mm (8 Inches). Construction manhole or inspection chamber for the required	QTY. 1.8 1.5 32 170	WNIT % Cft % Cft P.Rft P.Rft	3,900.00 4,200.00	7,020.00 6,300.00
C Part-I	DESCRIPTION External Development: External Works- Drainage System (Scheduled Items). Excavation in pipe line in trenches and pits in hard soil. Excavation in pipe line in trenches and pits in gravity soil. Providing and laying PVC pipe class 'B' with collar / solvent joints. Make: "DADEX", "POPULER" or EQ. i) Dia 150 mm (6 Inches). ii) Dia 200 mm (8 Inches). Construction manhole or inspection chamber for the required dia of circular sewer of 3'-6" depth with walls of B.B. in	QTY. 1.8 1.5 32 170	WNIT % Cft % Cft P.Rft P.Rft	3,900.00 4,200.00	7,020.00 6,300.00
C Part-I	DESCRIPTION External Development: External Works- Drainage System (Scheduled Items). Excavation in pipe line in trenches and pits in hard soil. Excavation in pipe line in trenches and pits in gravity soil. Providing and laying PVC pipe class 'B' with collar / solvent joints. Make: "DADEX", "POPULER" or EQ. i) Dia 150 mm (6 Inches). ii) Dia 200 mm (8 Inches). Construction manhole or inspection chamber for the required dia of circular sewer of 3'-6" depth with walls of B.B. in cement mortar 1:3 and 1:3 cement plastered 1/2" thick inside	QTY. 1.8 1.5 32 170	WNIT % Cft % Cft P.Rft P.Rft	3,900.00 4,200.00	7,020.00 6,300.00
C Part-I 1 2 3	tight shut off at full close position. As per Approval of Engineer incharge. DESCRIPTION External Development: External Works- Drainage System (Scheduled Items). Excavation in pipe line in trenches and pits in hard soil. Excavation in pipe line in trenches and pits in gravity soil. Providing and laying PVC pipe class 'B' with collar / solvent joints. Make: "DADEX", "POPULER" or EQ. i) Dia 150 mm (6 Inches). ii) Dia 200 mm (8 Inches). Construction manhole or inspection chamber for the required dia of circular sewer of 3'-6" depth with walls of B.B. in cement mortar 1:3 and 1:3 cement plastered 1/2" thick inside of walls and 1" thick over benching and channels including	QTY. 1.8 1.5 32 170	WNIT % Cft % Cft P.Rft P.Rft	3,900.00 4,200.00	7,020.00 6,300.00
C Part-I 1 2 3	tight shut off at full close position. As per Approval of Engineer incharge. DESCRIPTION External Development: External Works- Drainage System (Scheduled Items). Excavation in pipe line in trenches and pits in hard soil. Excavation in pipe line in trenches and pits in gravity soil. Providing and laying PVC pipe class 'B' with collar / solvent joints. Make: "DADEX", "POPULER" or EQ. i) Dia 150 mm (6 Inches). ii) Dia 200 mm (8 Inches). Construction manhole or inspection chamber for the required dia of circular sewer of 3'-6" depth with walls of B.B. in cement mortar 1:3 and 1:3 cement plastered 1/2" thick inside of walls and 1" thick over benching and channels including fixing C.L. manhole cover with frame of clear opening 1-1/2" x	QTY. 1.8 1.5 32 170	WNIT % Cft % Cft P.Rft P.Rft	3,900.00 4,200.00	7,020.00 6,300.00
C Part-I	tight shut off at full close position. As per Approval of Engineer incharge. DESCRIPTION External Development: External Works- Drainage System (Scheduled Items). Excavation in pipe line in trenches and pits in hard soil. Excavation in pipe line in trenches and pits in gravity soil. Providing and laying PVC pipe class 'B' with collar / solvent joints. Make: "DADEX", "POPULER" or EQ. i) Dia 150 mm (6 Inches). ii) Dia 200 mm (8 Inches). Construction manhole or inspection chamber for the required dia of circular sewer of 3'-6" depth with walls of B.B. in cement mortar 1:3 and 1:3 cement plastered 1/2" thick inside of walls and 1" thick over benching and channels including fixing C.I. manhole cover with frame of clear opening 1-1/2" x 1-1/2" of 1.75 Cwt embedded in plain C.C. 1:2:4 and fixing 1"	QTY. 1.8 1.5 32 170	WNIT % Cft % Cft P.Rft P.Rft	3,900.00 4,200.00	7,020.00 6,300.00
C Part-I	tight shut off at full close position. As per Approval of Engineer incharge. TOT DESCRIPTION External Development: External Works- Drainage System (Scheduled Items). Excavation in pipe line in trenches and pits in hard soil. Excavation in pipe line in trenches and pits in gravity soil. Providing and laying PVC pipe class 'B' with collar / solvent joints. Make: "DADEX", "POPULER" or EQ. i) Dia 150 mm (6 Inches). ii) Dia 200 mm (8 Inches). Construction manhole or inspection chamber for the required dia of circular sewer of 3'-6" depth with walls of B.B. in cement mortar 1:3 and 1:3 cement plastered 1/2" thick inside of walls and 1" thick over benching and channels including fixing C.I. manhole cover with frame of clear opening 1-1/2" x 1-1/2" of 1.75 Cwt embedded in plain C.C. 1:2:4 and fixing 1" dia M.S. steps 6" wide projecting 4" from the face of wall at 1"	QTY. 1.8 1.5 32 170	WNIT % Cft % Cft P.Rft P.Rft	3,900.00 4,200.00	7,020.00 6,300.00
C Part-I	tight shut off at full close position. As per Approval of Engineer incharge. TOT DESCRIPTION External Development: External Works- Drainage System (Scheduled Items). Excavation in pipe line in trenches and pits in hard soil. Excavation in pipe line in trenches and pits in gravity soil. Providing and laying PVC pipe class 'B' with collar / solvent joints. Make: "DADEX", "POPULER" or EQ. i) Dia 150 mm (6 Inches). ii) Dia 200 mm (8 Inches). Construction manhole or inspection chamber for the required dia of circular sewer of 3'-6" depth with walls of B.B. in cement mortar 1:3 and 1:3 cement plastered 1/2" thick inside of walls and 1" thick over benching and channels including fixing C.I. manhole cover with frame of clear opening 1-1/2" x 1-1/2" of 1.75 Cwt embedded in plain C.C. 1:2:4 and fixing 1" dia M.S. steps 6" wide projecting 4" from the face of wall at 1" C/C duly painted etc. complete as per specification and	QTY. 1.8 1.5 32 170	WNIT % Cft % Cft P.Rft P.Rft	3,900.00 4,200.00	7,020.00 6,300.00
C Part-I	DESCRIPTION External Development: External Works- Drainage System (Scheduled Items). Excavation in pipe line in trenches and pits in hard soil. Excavation in pipe line in trenches and pits in gravity soil. Providing and laying PVC pipe class 'B' with collar / solvent joints. Make: "DADEX", "POPULER" or EQ. i) Dia 150 mm (6 Inches). ii) Dia 200 mm (8 Inches). Construction manhole or inspection chamber for the required dia of circular sewer of 3'-6" depth with walls of B.B. in cement mortar 1:3 and 1:3 cement plastered 1/2" thick inside of walls and 1" thick over benching and channels including fixing C.I. manhole cover with frame of clear opening 1-1/2" x 1-1/2" of 1.75 Cwt embedded in plain C.C. 1:2:4 and fixing 1" dia M.S. steps 6" wide projecting 4" from the face of wall at 1" C/C duly painted etc. complete as per specification and drawing No. D-P/1 of Public Health Circle, Southern Zone.	QTY. 1.8 1.5 32 170	WNIT % Cft % Cft P.Rft P.Rft	3,900.00 4,200.00	7,020.00 6,300.00
C Part-I	tight shut off at full close position. As per Approval of Engineer incharge. DESCRIPTION External Development: External Works- Drainage System (Scheduled Items). Excavation in pipe line in trenches and pits in hard soil. Excavation in pipe line in trenches and pits in gravity soil. Providing and laying PVC pipe class 'B' with collar / solvent joints. Make: "DADEX", "POPULER" or EQ. i) Dia 150 mm (6 Inches). ii) Dia 200 mm (8 Inches). Construction manhole or inspection chamber for the required dia of circular sewer of 3'-6" depth with walls of B.B. in cement mortar 1:3 and 1:3 cement plastered 1/2" thick inside of walls and 1" thick over benching and channels including fixing C.I. manhole cover with frame of clear opening 1-1/2" x 1-1/2" of 1.75 Cwt embedded in plain C.C. 1:2:4 and fixing 1" dia M.S. steps 6" wide projecting 4" from the face of wall at 1" C/C duly painted etc. complete as per specification and drawing No. D-P/1 of Public Health Circle, Southern Zone. Item P (a) Chapter-II,-P2, Part-B.	QTY. 1.8 1.5 32 170	WNIT % Cft % Cft P.Rft P.Rft	3,900.00 4,200.00	7,020.00 6,300.00
C Part-I	tight shut off at full close position. As per Approval of Engineer incharge. TOT DESCRIPTION External Development: External Works- Drainage System (Scheduled Items). Excavation in pipe line in trenches and pits in hard soil. Excavation in pipe line in trenches and pits in gravity soil. Providing and laying PVC pipe class 'B' with collar / solvent joints. Make: "DADEX", "POPULER" or EQ. i) Dia 150 mm (6 Inches). ii) Dia 200 mm (8 Inches). Construction manhole or inspection chamber for the required dia of circular sewer of 3'-6" depth with walls of B.B. in cement mortar 1:3 and 1:3 cement plastered 1/2" thick inside of walls and 1" thick over benching and channels including fixing C.I. manhole cover with frame of clear opening 1-1/2" x 1-1/2" of 1.75 Cwt embedded in plain C.C. 1:2:4 and fixing 1" dia M.S. steps 6" wide projecting 4" from the face of wall at 1" C/C duly painted etc. complete as per specification and drawing No. D-P/1 of Public Health Circle, Southern Zone. Item P (a) Chapter-II,-P2, Part-B. Internal dia of Scwer 4" to 6".	QTY. 1.8 1.5 32 170	UNIT % CR % CR P.RR P.RR P.RR	3,900.00 4,200.00	7,020.00 6,300.00 2,316.80 189,584.00
C Part-I	tight shut off at full close position. As per Approval of Engineer incharge. DESCRIPTION External Development: External Works- Drainage System (Scheduled Items). Excavation in pipe line in trenches and pits in hard soil. Excavation in pipe line in trenches and pits in gravity soil. Providing and laying PVC pipe class 'B' with collar / solvent joints. Make: "DADEX", "POPULER" or EQ. i) Dia 150 mm (6 Inches). ii) Dia 200 mm (8 Inches). Construction manhole or inspection chamber for the required dia of circular sewer of 3'-6" depth with walls of B.B. in cement mortar 1:3 and 1:3 cement plastered 1/2" thick inside of walls and 1" thick over benching and channels including fixing C.I. manhole cover with frame of clear opening 1-1/2" x 1-1/2" of 1.75 Cwt embedded in plain C.C. 1:2:4 and fixing 1" dia M.S. steps 6" wide projecting 4" from the face of wall at 1" C/C duly painted etc. complete as per specification and drawing No. D-P/1 of Public Health Circle, Southern Zone. Item P (a) Chapter-II,-P2, Part-B.	QTY. 1.8 1.5 32 170 0	WNIT % Cft % Cft P.Rft P.Rft	3,900.00 4,200.00	7,020.00 6,300.00 2,316.80 189,584.00
C Part-I 1 2 3	tight shut off at full close position. As per Approval of Engineer incharge. TOT DESCRIPTION External Development: External Works- Drainage System (Scheduled Items). Excavation in pipe line in trenches and pits in hard soil. Excavation in pipe line in trenches and pits in gravity soil. Providing and laying PVC pipe class 'B' with collar / solvent joints. Make: "DADEX", "POPULER" or EQ. i) Dia 150 mm (6 Inches). ii) Dia 200 mm (8 Inches). Construction manhole or inspection chamber for the required dia of circular sewer of 3'-6" depth with walls of B.B. in cement mortar 1:3 and 1:3 cement plastered 1/2" thick inside of walls and 1" thick over benching and channels including fixing C.I. manhole cover with frame of clear opening 1-1/2" x 1-1/2" of 1.75 Cwt embedded in plain C.C. 1:2:4 and fixing 1" dia M.S. steps 6" wide projecting 4" from the face of wall at 1" C/C duly painted etc. complete as per specification and drawing No. D-P/1 of Public Health Circle, Southern Zone. Item P (a) Chapter-II,-P2, Part-B. Internal dia of Scwer 4" to 6". internal dia of Chamber 2'-0" x 2'-0"	QTY. 1.8 1.5 32 170 0	UNIT % Cft % Cft P.Rft P.Rft P.Rft	3,900.00 4,200.00 72.40 1,115.20	7,020.00 6,300.00
C Part-I 1 2 3	tight shut off at full close position. As per Approval of Engineer incharge. TOT DESCRIPTION External Development: External Works- Drainage System (Scheduled Items). Excavation in pipe line in trenches and pits in hard soil. Excavation in pipe line in trenches and pits in gravity soil. Providing and laying PVC pipe class 'B' with collar / solvent joints. Make: "DADEX", "POPULER" or EQ. i) Dia 150 mm (6 Inches). ii) Dia 200 mm (8 Inches). Construction manhole or inspection chamber for the required dia of circular sewer of 3'-6" depth with walls of B.B. in cement mortar 1:3 and 1:3 cement plastered 1/2" thick inside of walls and 1" thick over benching and channels including fixing C.I. manhole cover with frame of clear opening 1-1/2" x 1-1/2" of 1.75 Cwt embedded in plain C.C. 1:2:4 and fixing 1" dia M.S. steps 6" wide projecting 4" from the face of wall at 1" C/C duly painted etc. complete as per specification and drawing No. D-P/1 of Public Health Circle, Southern Zone. Item P (a) Chapter-II,-P2, Part-B. Internal dia of Scwer 4" to 6".	QTY. 1.8 1.5 32 170 0	UNIT % CR % CR P.RR P.RR P.RR	3,900.00 4,200.00	7,020.00 6,300.00 2,316.80 189,584.00

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6	Construction of Small wheel Valve chambers. cleat inside size 18"x18"x18" (457x457x457 mm) with walls of 9 inch (229mm) thick of B.B. in cement mortar 1:3 / 4 inches thick cement concrete and 1:3:6 cement plastered 1/2" thick, 1.3 inside. i/c supplying and fixing of C.I. Light weight manhole cover with frame and locking arrangement of 18"x18" (457x457 mm) cleat covering at a consistent.	1	Each	4.103.00	4,103.00	
	(457x457 mm) cleat opening etc., complete.			SUB-TOTAL	348,846.65	
-	7.		/	SUBTICIAL		
	Premium O	% Above	Below on S	Schedule Items	209301	
		TOTAL	OR SCHE	DULE ITEMS	367977	
				,		
S.No	DESCRIPTION	QTY	. UNIT	RATE(RS)	AMOUNT(RS	
D	Special Items					
art-l	Special Items (N.S.I)					
1	Hydraulic Door Closer Providing and fixing Japan made locally available New Star Japan made hydraulic door closer to wood or aluminium door etc complete as per drawings, specifications and as directed by the Engineer	20	Each	4000/1	80000	
2	Granite Work Providing and laying 20mm thick approved granite having size as shown on the drawings on floor laid over 1" thick 1:2 cement sand mortor and filling the joints with matching colour of granite, complete in all respect. Entrance Stair Steps:- i) Treads with bull nosing(Full length)	500.00	P.Sft	500	25,000	
	ii) Risers	200.00	P.Sft/	4581,1	90000	
	iii) Floor		P.Sft	1)		
3	Stair Case Railing Providing making and fixing 3'-0" high from the centre of tread Mild Steel staircase railing consisting of 1-1/2"dia 14SWG mild steel balustrade screwed down to base plate and 1/2" dia pipes crossing horizontally through balustrade as shown on the drawing including 2-1/2" dia stainless steel pipe hand rail welded to balustrade including base plate, rugs and S.S cover plate 3" dia etc., complete as per drawings as further directed by the Engineer.	220.00	P.sft.	700(1	154000	
4	Stair Case Wall Bracket Railing (Type-II) Providing making and fixing stair case wall MS bracket railing consisting of 38 mm x 200mm solid deodar wood decorative hand rail having grooves on either sides fixed with rough wood block of size 38x75x100mm at 3'-0" c/c fixed over all, including lacqure polishing. Complete all as shown on the drawing and as directed by the Engineer	90.00	P.Rft	1200/10	1080001	
6	Gypsum Board False Ceiling: Providing and fixing 1/2" thick regular quality gypsum board false ceiling at horizontally/vertically or at any angle fully concealed on galvanized iron adjustable hangers, runners, clips, extension bolts and using self-adhesive joint tape with jointing compound on board joint for making including provision of lights, A. C. Grills, fire alarm detectors, access panels and three coats of plastic emulsion paint including a primer coat. Complete as per drawings, specifications and as directed by the Engineer.	4,417.00	P.Sf	1507	662550	

* | fixing of C.I. Cover and frame.

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(INTEGRITY PACT)

DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC; PAYABLE BY CONTRACTORS.

(FC	R CONTRACTS WORTH RS. 10.00 MILLION OR MORE)
Contract No	Dated
Contract Value:	
Contract Title:	CONSTRUCTION OF MEHRAN UNIVERSITY SCIENCE & TECHNOLOGY
	PARK AT MUET, JAMSHORO
M/s	hereby declares that it has not obtained or induced the
	ny contract, right, interest, privilege or other obligation or benefit from Government
of Sindh (GoS)	or any administrative subdivision or agency thereof or any other entity owned or
controlled by it (GoS) through any corrupt business practice.
Without limiting	the generality of the foregoing, [name of Contractor] represents and warrants that it
has fully declared	d the brokerage, commission, fees etc. paid or payable to anyone and not given or
	d shall not give or agree to give to anyone within or outside Pakistan either directly
	ugh any natural or juridical person, including its affiliate, agent, associate, broker,
consultant, direct	tor, promoter, shareholder, sponsor or subsidiary, any commission, gratification,
bribe, finder's fee	e or kickback, whether described as consultation fee or otherwise, with the object of
	icing the procurement of a contract, right, interest, privilege or other obligation or
	ever form from, from Procuring Agency (PA) except that which has been expressly
declared pursuant	hereto.
name of Contrac	tor] accepts full responsibility and strict liability that it has made and will make full
disclosure of all	agreements and arrangements with all persons in respect of or related to the
	PA and has not taken any action or will not take any action to circumvent the above
declaration, repre	sentation or warranty.
name of Contrac	etor] accepts full responsibility and strict liability for making any false declaration,
	lisclosure, misrepresenting facts or taking any action likely to defeat the purpose of
this declaration,	representation and warranty. It agrees that any contract, right, interest, privilege or
other obligation	or benefit obtained or procured as aforesaid shall, without prejudice to any other
	ies available to PA under any law, contract or other instrument, be voidable at the
option of PA.	
Notwithstanding	any rights and remedies exercised by PA in this regard, [name of
Supplier/Contrac	tor/Consultant] agrees to indemnify PA for any loss or damage incurred by it on
account of its of	corrupt business practices and further pay compensation to PA in an amount
	time the sum of any commission, gratification, bribe, finder's fee or kickback given
by [name of Con	tractor] as aforesaid for the purpose of obtaining or inducing the procurement of any

contract, right, interest, privilege or other obligation or benefit in whatsoever form from PA.

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